

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057962.D
 Acq On : 3 Jul 2023 19:48
 Operator : CG/JU
 Sample : 03246-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGK5

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BG057962.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.781	113	118	133	rBV	103138	169171	5.03%	0.402%
2	6.619	594	601	609	rVB	209475	324001	9.64%	0.770%
3	6.924	648	653	661	rVV2	15491	25740	0.77%	0.061%
4	7.094	676	682	691	rBV	175623	303258	9.02%	0.721%
5	7.259	703	710	718	rVV	127198	210389	6.26%	0.500%
6	7.376	723	730	737	rVB	239266	390017	11.60%	0.927%
7	7.465	737	745	755	rBV	163230	279074	8.30%	0.663%
8	7.935	818	825	831	rBV	149170	246393	7.33%	0.586%
9	8.640	937	945	954	rBV	205321	346954	10.32%	0.825%
10	9.092	1015	1022	1031	rBV	160693	289468	8.61%	0.688%
11	9.515	1085	1094	1099	rBV3	13494	25496	0.76%	0.061%
12	9.815	1139	1145	1153	rBV	127015	229386	6.82%	0.545%
13	10.038	1178	1183	1192	rVV2	67837	130444	3.88%	0.310%
14	10.355	1228	1237	1246	rBV	239028	426630	12.69%	1.014%
15	10.737	1292	1302	1309	rBV	231858	437605	13.02%	1.040%
16	10.831	1314	1318	1321	rVV	31961	55126	1.64%	0.131%
17	10.872	1321	1325	1339	rVV3	51593	102686	3.05%	0.244%
18	13.328	1734	1743	1750	rVV7	14327	35889	1.07%	0.085%
19	13.458	1756	1765	1771	rVV	133653	222437	6.62%	0.529%
20	13.892	1834	1839	1845	rVV	94010	135837	4.04%	0.323%
21	13.969	1845	1852	1859	rVV	431989	644448	19.17%	1.532%
22	14.263	1895	1902	1910	rBV	495437	802756	23.88%	1.908%
23	14.409	1920	1927	1931	rBV2	47939	72453	2.16%	0.172%
24	14.527	1939	1947	1949	rBV3	27788	42629	1.27%	0.101%
25	14.568	1949	1954	1961	rVV	403166	617508	18.37%	1.468%
26	14.633	1961	1965	1972	rVB3	45957	80878	2.41%	0.192%
27	14.762	1981	1987	1992	rBV	156357	259923	7.73%	0.618%
28	14.809	1992	1995	2003	rVV2	71088	131500	3.91%	0.313%
29	14.909	2003	2012	2018	rVV3	32526	69813	2.08%	0.166%
30	14.973	2018	2023	2028	rVV7	17413	33286	0.99%	0.079%
31	15.473	2101	2108	2116	rVV2	93499	149553	4.45%	0.355%
32	15.561	2116	2123	2129	rVV	719985	1144790	34.06%	2.721%
33	15.673	2137	2142	2152	rVB	158109	232497	6.92%	0.553%
34	15.802	2158	2164	2170	rVB6	20958	38639	1.15%	0.092%
35	15.919	2179	2184	2191	rVB	193373	269041	8.00%	0.639%
36	16.019	2194	2201	2207	rBV10	27220	66241	1.97%	0.157%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
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37	16.131	2215	2220	2227	rVB5	46196	81027	2.41%	0.193%
38	16.201	2227	2232	2237	rBV4	21990	38998	1.16%	0.093%
39	16.266	2237	2243	2246	rBV5	30053	55670	1.66%	0.132%
40	16.407	2260	2267	2272	rBV7	21852	44236	1.32%	0.105%

41	16.472	2272	2278	2284	rVV6	21327	55359	1.65%	0.132%
42	16.807	2331	2335	2339	rVB	29121	39064	1.16%	0.093%
43	16.959	2358	2361	2369	rVB5	13707	24028	0.71%	0.057%
44	17.194	2397	2401	2408	rBV5	24524	42647	1.27%	0.101%
45	17.259	2408	2412	2415	rBV4	22321	32727	0.97%	0.078%

46	17.312	2415	2421	2425	rVV	489771	759729	22.60%	1.806%
47	17.353	2425	2428	2432	rVV	96757	140073	4.17%	0.333%
48	17.406	2432	2437	2445	rVB2	607081	983402	29.26%	2.337%
49	17.711	2487	2489	2497	rVB2	15485	29304	0.87%	0.070%
50	17.888	2513	2519	2524	rBV9	13457	24401	0.73%	0.058%

51	17.970	2529	2533	2538	rVB3	27923	37208	1.11%	0.088%
52	18.076	2546	2551	2556	rBV4	27641	54451	1.62%	0.129%
53	18.140	2557	2562	2567	rVV	480614	656106	19.52%	1.559%
54	18.205	2567	2573	2587	rVB	1188616	1815453	54.01%	4.314%
55	18.375	2598	2602	2607	rBV5	32427	62397	1.86%	0.148%

56	18.493	2618	2622	2625	rBV2	28935	44001	1.31%	0.105%
57	18.610	2640	2642	2648	rBV6	25448	37912	1.13%	0.090%
58	18.722	2658	2661	2666	rVB3	27164	32847	0.98%	0.078%
59	18.775	2668	2670	2673	rBV3	18791	27559	0.82%	0.065%
60	18.922	2693	2695	2700	rVB5	25626	30950	0.92%	0.074%

61	18.975	2702	2704	2710	rVB7	19314	28091	0.84%	0.067%
62	19.098	2721	2725	2726	rBV3	27461	37049	1.10%	0.088%
63	19.122	2726	2729	2733	rVB4	32559	46545	1.38%	0.111%
64	19.210	2739	2744	2747	rBV2	115073	161591	4.81%	0.384%
65	19.245	2747	2750	2757	rVB4	61478	95469	2.84%	0.227%

66	19.327	2760	2764	2766	rBV	158559	206878	6.15%	0.492%
67	19.362	2766	2770	2776	rVV	421579	767407	22.83%	1.824%
68	19.427	2778	2781	2784	rVB2	122558	137279	4.08%	0.326%
69	19.474	2784	2789	2797	rBV	318355	498022	14.82%	1.184%
70	19.609	2808	2812	2819	rVB	113922	179321	5.33%	0.426%

71	19.697	2821	2827	2830	rBV	843617	1292931	38.46%	3.073%
72	19.850	2849	2853	2859	rBV	172874	231571	6.89%	0.550%
73	19.926	2862	2866	2870	rVB4	62917	85221	2.54%	0.203%
74	20.056	2886	2888	2898	rVB6	64086	109137	3.25%	0.259%
75	20.203	2909	2913	2915	rBV4	62801	96149	2.86%	0.229%

76	20.520	2964	2967	2968	rBV3	35921	40469	1.20%	0.096%
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77	20.555	2968	2973	2979	rVB4	268525	424977	12.64%	1.010%
78	20.661	2988	2991	2994	rBV2	48210	59327	1.76%	0.141%
79	20.755	3004	3007	3012	rVB4	93165	117561	3.50%	0.279%
80	21.060	3054	3059	3068	rBV2	311731	528671	15.73%	1.256%
81	21.207	3078	3084	3094	rBV4	382755	793106	23.59%	1.885%
82	21.431	3117	3122	3129	rBV2	453104	732903	21.80%	1.742%
83	21.495	3129	3133	3137	rVV4	176968	255733	7.61%	0.608%
84	21.560	3138	3144	3150	rVV3	494748	1103560	32.83%	2.623%
85	21.607	3150	3152	3159	rVB	146641	212487	6.32%	0.505%
86	22.365	3274	3281	3293	rVB2	203023	552231	16.43%	1.312%
87	23.370	3446	3452	3460	rVB3	268480	545943	16.24%	1.297%
88	23.716	3505	3511	3520	rBV	148519	469389	13.96%	1.116%
89	23.816	3522	3528	3533	rVV	328473	727940	21.66%	1.730%
90	23.875	3533	3538	3549	rVB	377652	893333	26.58%	2.123%
91	24.433	3628	3633	3638	rBV	67460	140571	4.18%	0.334%
92	24.503	3638	3645	3652	rVV2	369965	903741	26.89%	2.148%
93	24.727	3674	3683	3693	rBV2	340710	1061659	31.58%	2.523%
94	25.250	3766	3772	3783	rVB2	271345	712144	21.19%	1.692%
95	25.855	3866	3875	3885	rVB	585749	1659925	49.38%	3.945%
96	25.978	3886	3896	3909	rBV2	597419	1906904	56.73%	4.532%
97	27.964	4224	4234	4248	rVB3	259162	1018226	30.29%	2.420%
98	28.804	4363	4377	4399	rBV4	552655	3361474	100.00%	7.989%
99	29.956	4558	4573	4592	rVB5	510341	2636924	78.45%	6.267%
100	32.189	4939	4953	4978	rVB9	509451	3054718	90.87%	7.260%

Sum of corrected areas: 42078082

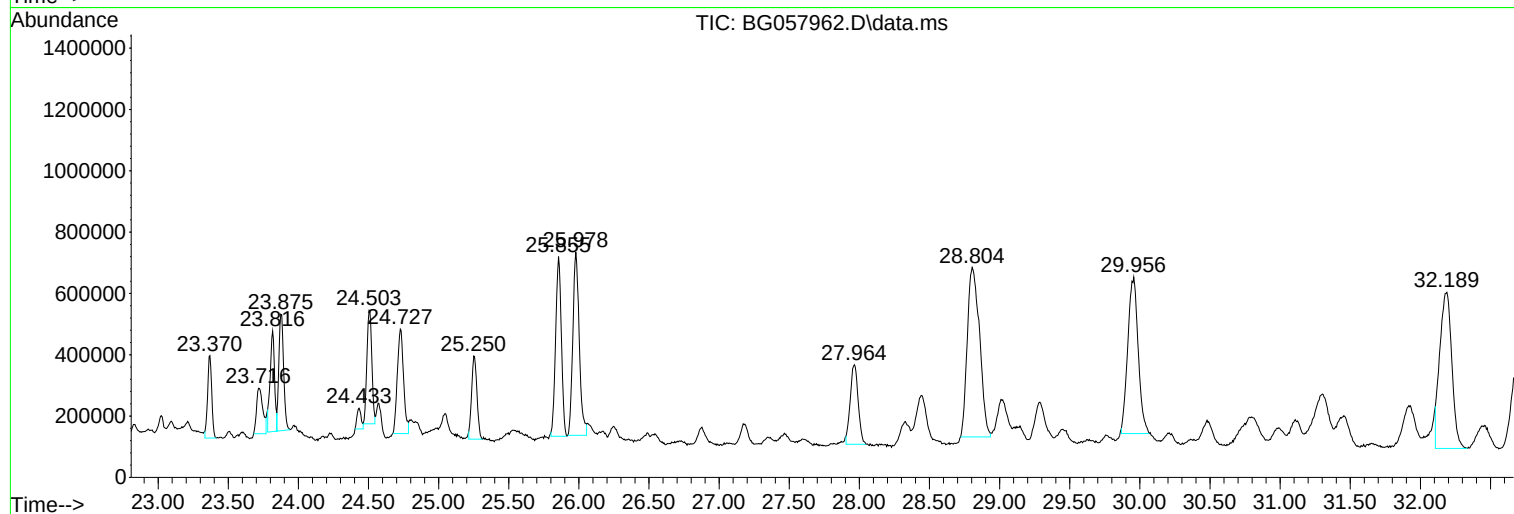
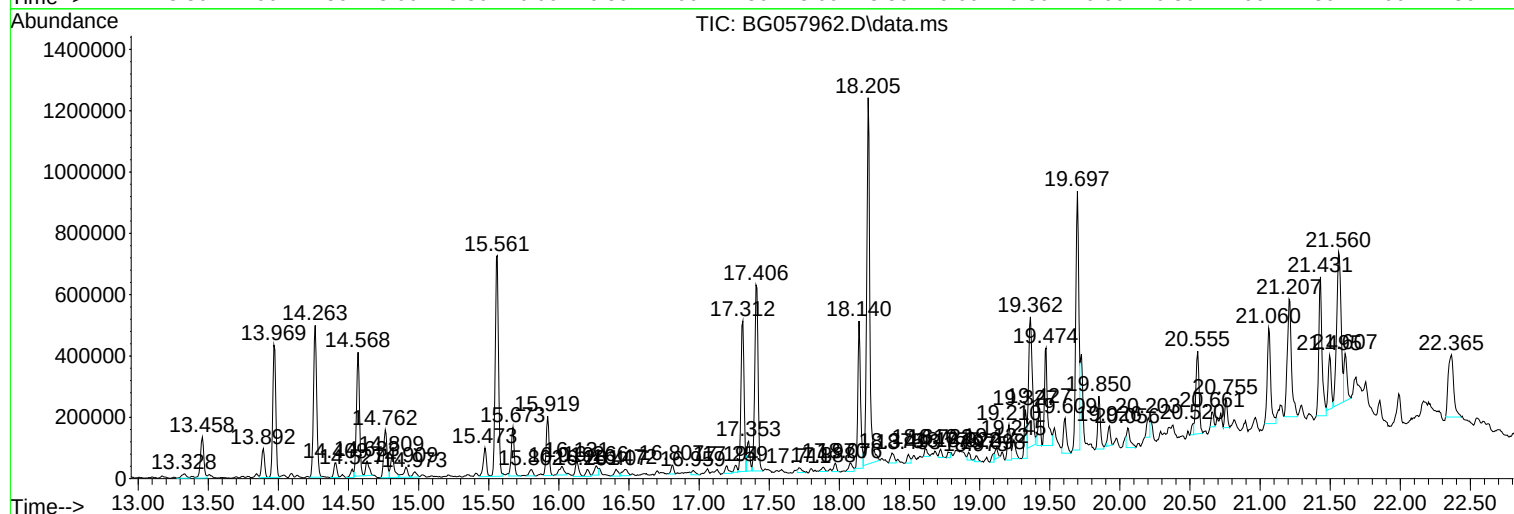
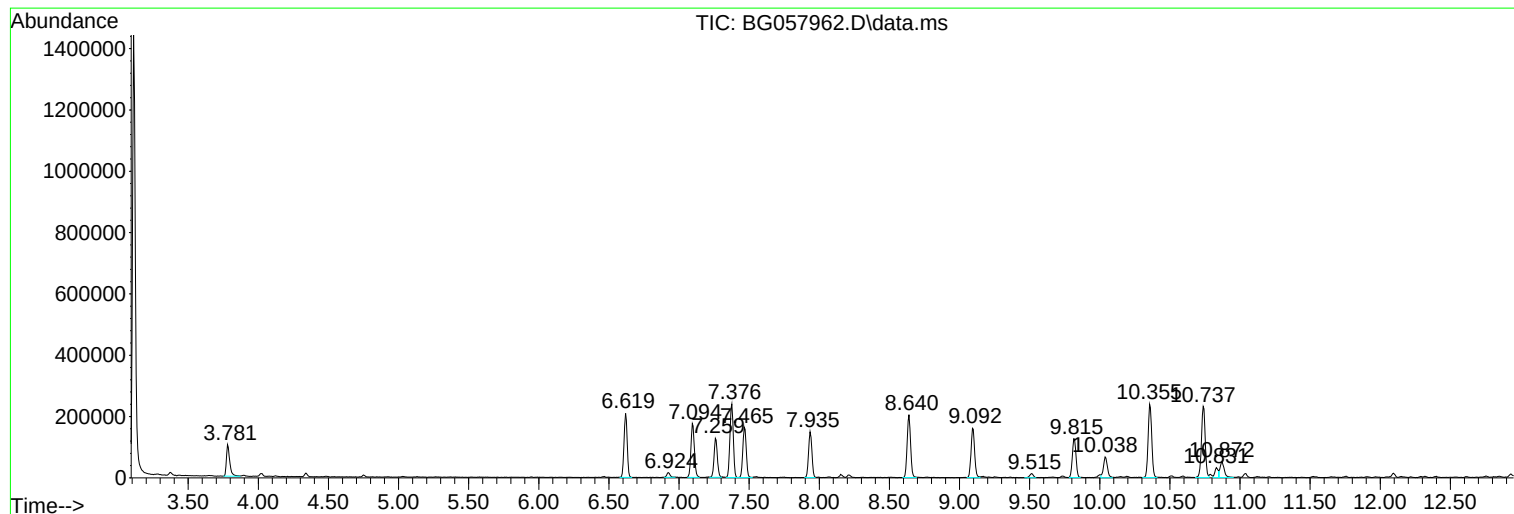
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L

TIC Integration Parameters: LSCINT.P



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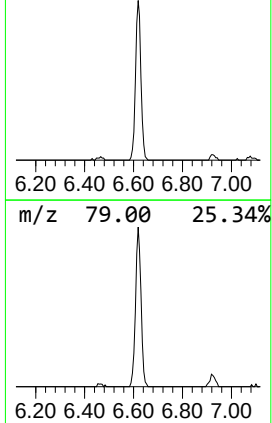
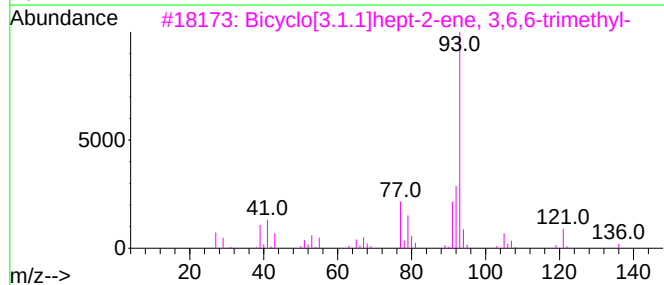
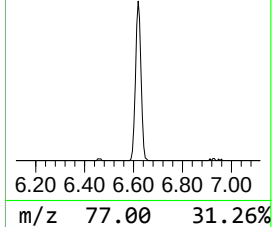
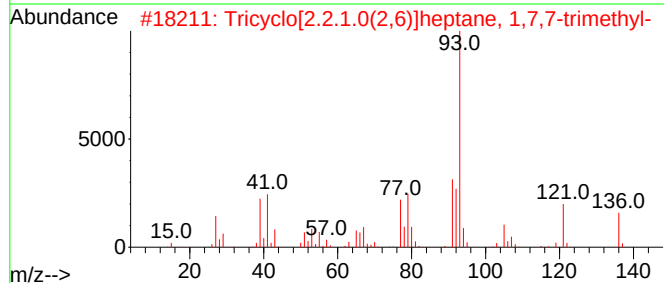
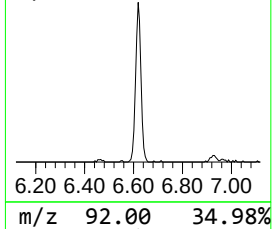
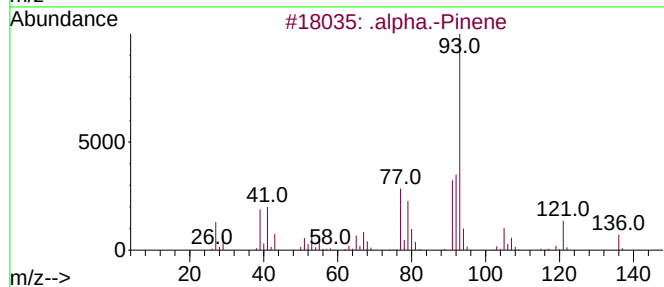
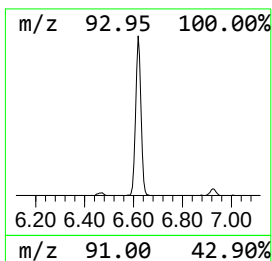
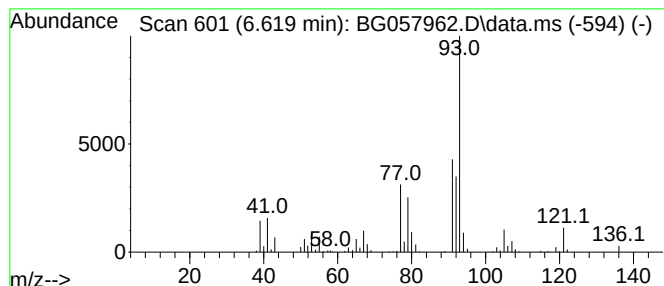
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 .alpha.-Pinene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.619	26.30 ng/ul	324001	1,4-Dichlorobenzene-d4	7.935

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	94
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...			136	C10H16	000508-32-7	91
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	91
4	.		.alpha.-Pinene	136	C10H16	000080-56-8	90
5	(+)-3-Carene			136	C10H16	000498-15-7	90



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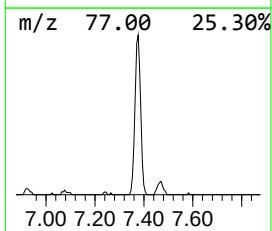
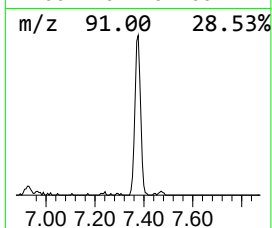
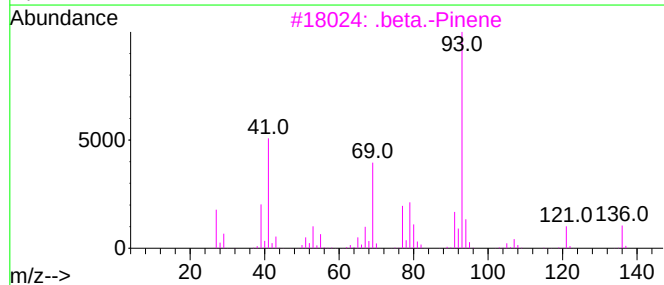
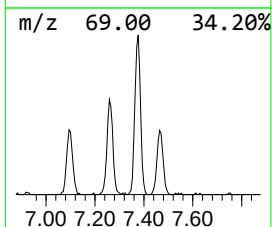
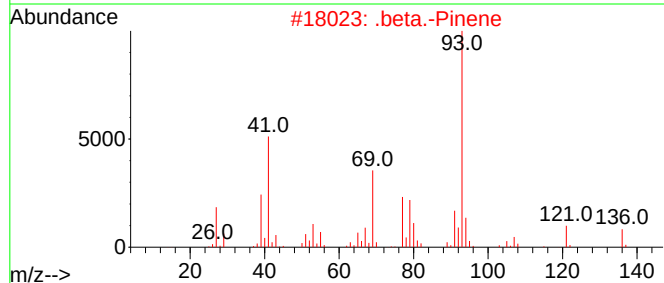
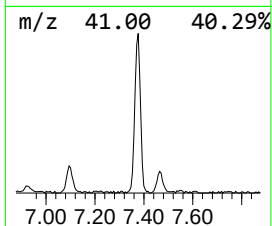
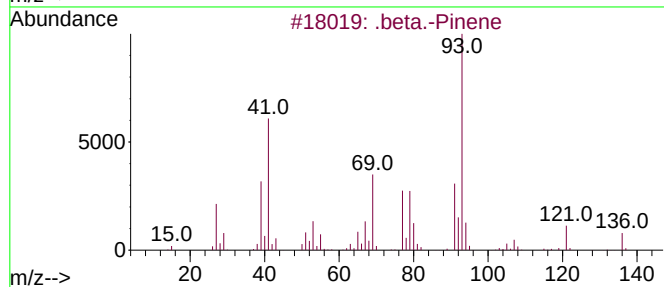
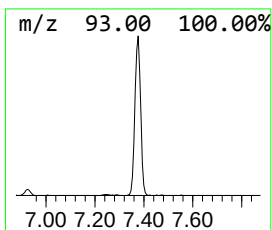
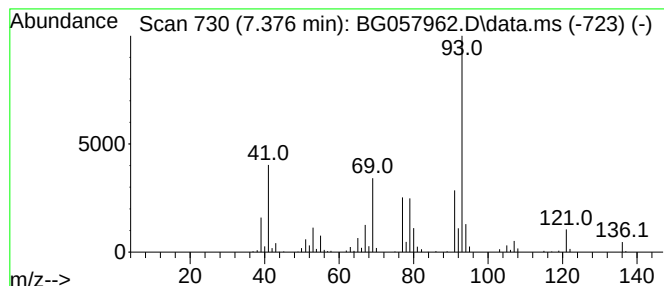
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 .beta.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.376	31.66 ng/ul	390017	1,4-Dichlorobenzene-d4	7.935

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-Pinene	136	C10H16	000127-91-3	94	
2	.	beta.-Pinene	136	C10H16	000127-91-3	91	
3	.	beta.-Pinene	136	C10H16	000127-91-3	91	
4	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91		
5	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91		



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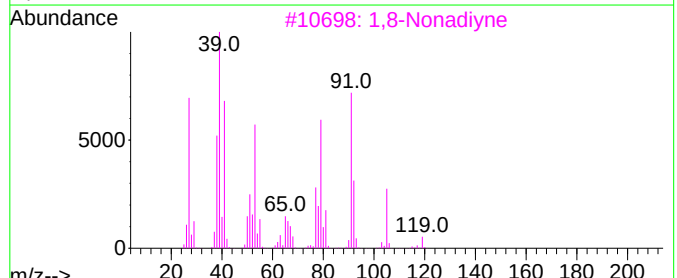
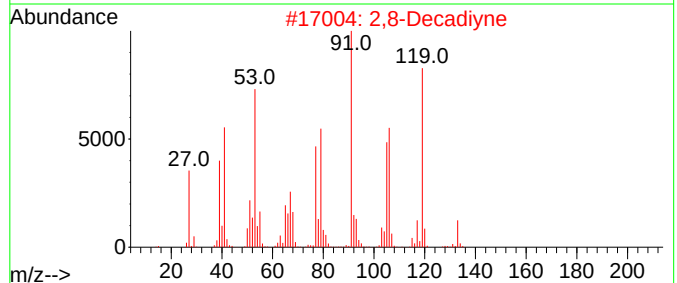
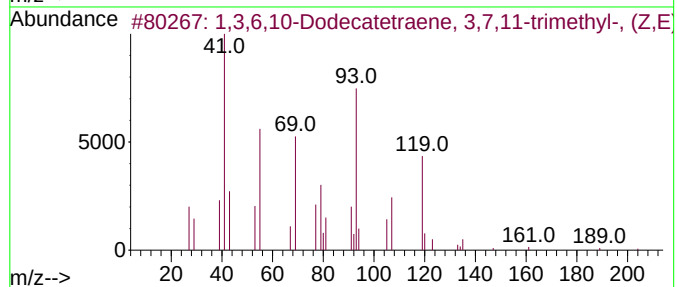
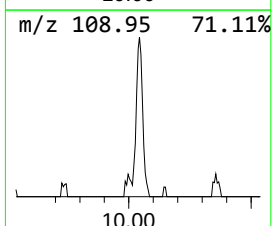
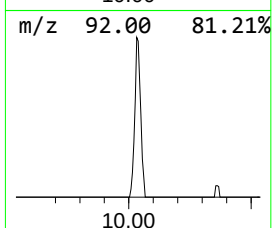
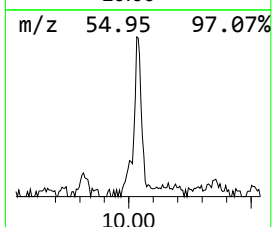
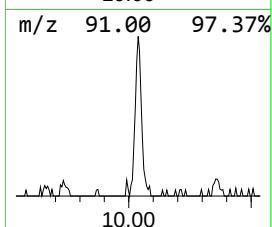
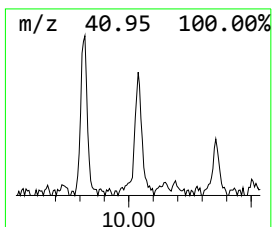
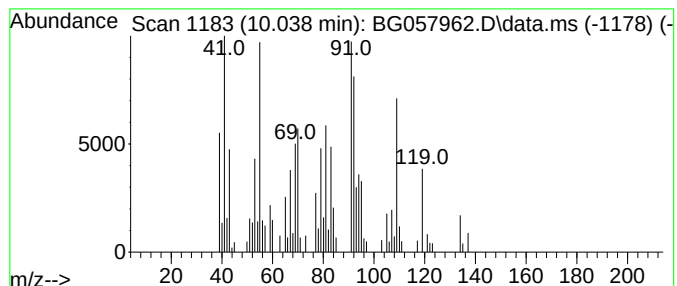
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.038	5.96 ng/ul	130444	Naphthalene-d8	10.737

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6,10-Dodecatetraene, 3,7,11-...	204	C15H24	026560-14-5	43		
2	2,8-Decadiyne	134	C10H14	004116-93-2	35		
3	1,8-Nonadiyne	120	C9H12	002396-65-8	35		
4	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	30		
5	N-Methylpyrimidin-2-amine	109	C5H7N3	000931-61-3	27		



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Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGK5

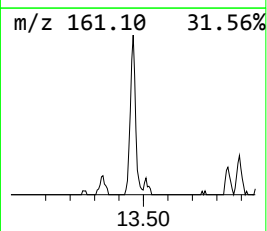
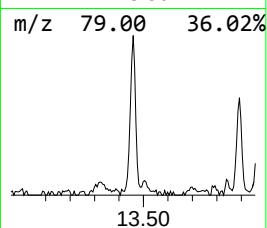
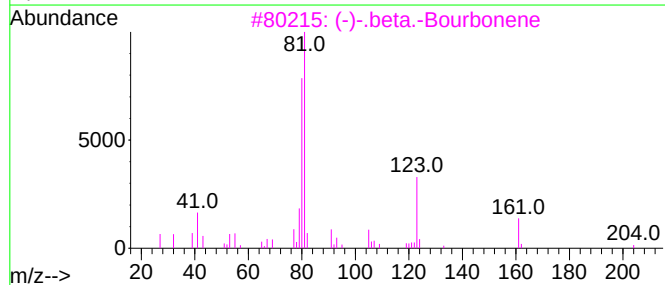
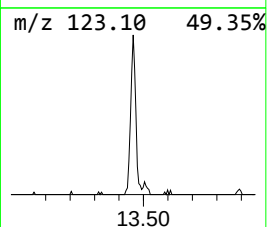
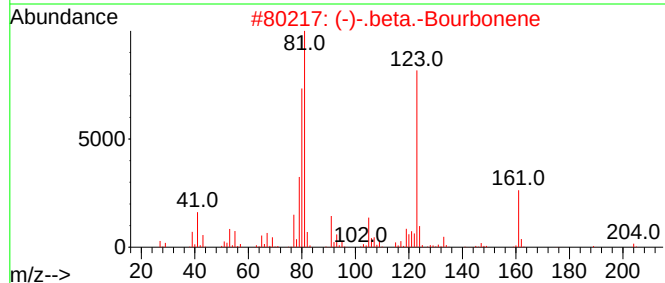
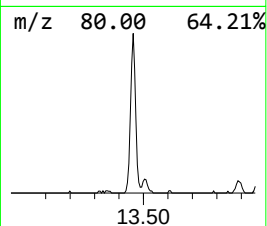
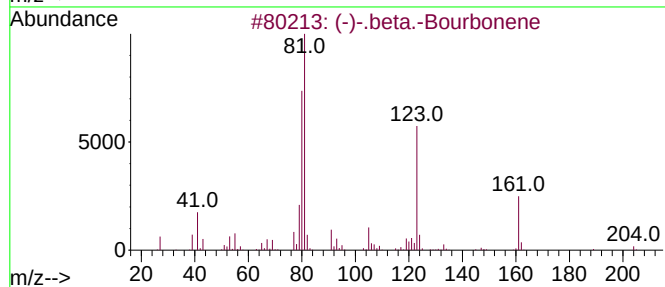
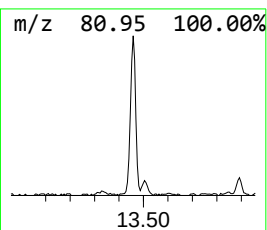
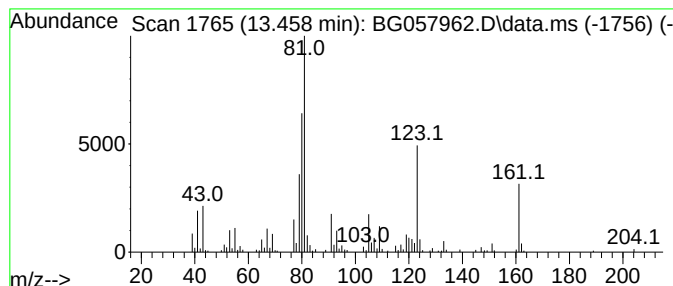
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (-)-.beta.-Bourbonene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.458	7.20 ng/ul	222437	Acenaphthene-d10	14.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-.beta.-Bourbonene	204	C15H24	005208-59-3	90		
2	(-)-.beta.-Bourbonene	204	C15H24	005208-59-3	90		
3	(-)-.beta.-Bourbonene	204	C15H24	005208-59-3	78		
4	(-)-.beta.-Bourbonene	204	C15H24	005208-59-3	78		
5	.alpha.-Bourbonene	204	C15H24	1000293-01-9	64		



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Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

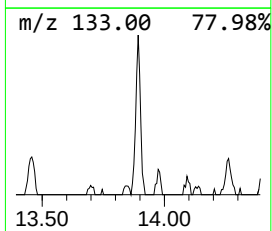
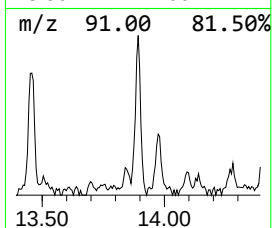
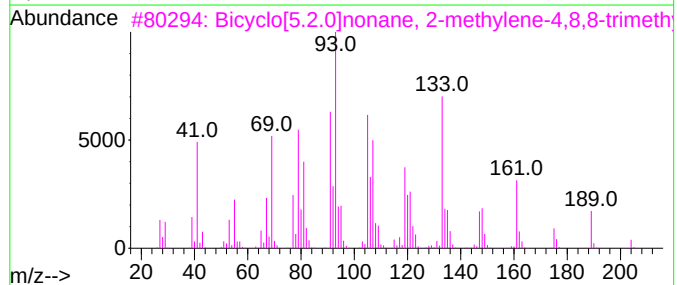
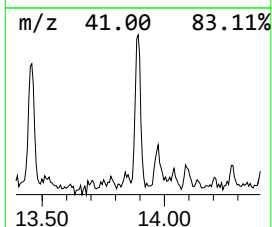
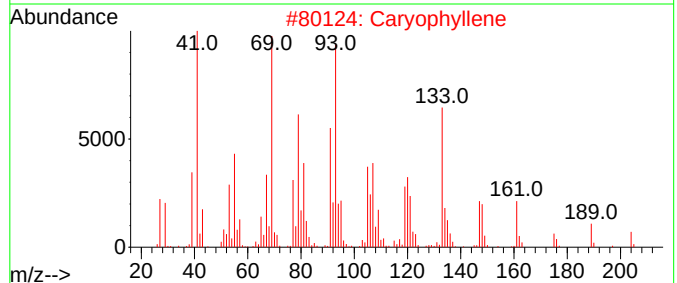
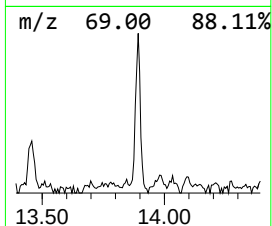
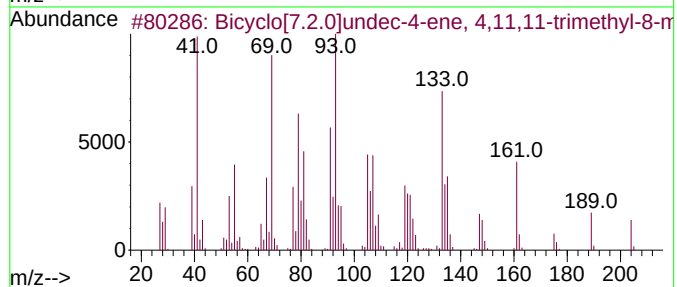
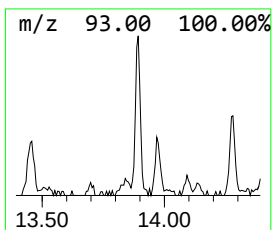
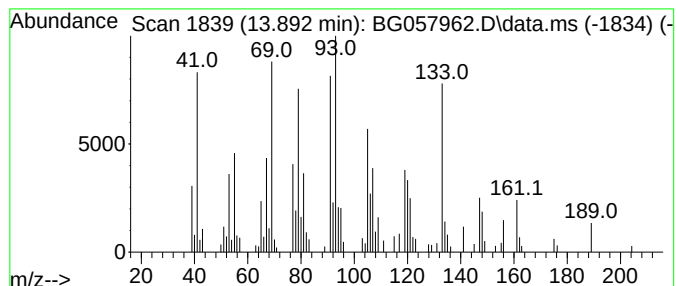
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Bicyclo[7.2.0]undec-4-ene, ... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.892	4.40 ng/ul	135837	Acenaphthene-d10	14.568	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	93
2	Caryophyllene	204	C15H24	000087-44-5	91
3	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	90
4	Caryophyllene	204	C15H24	000087-44-5	90
5	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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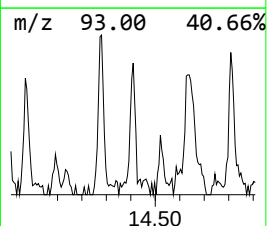
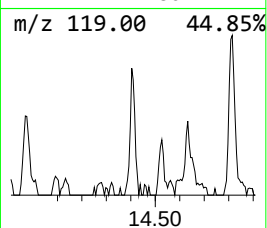
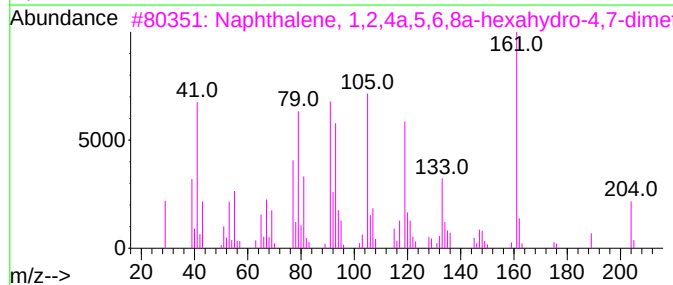
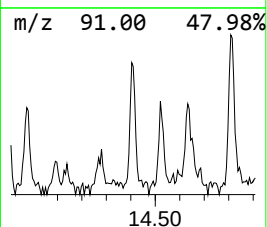
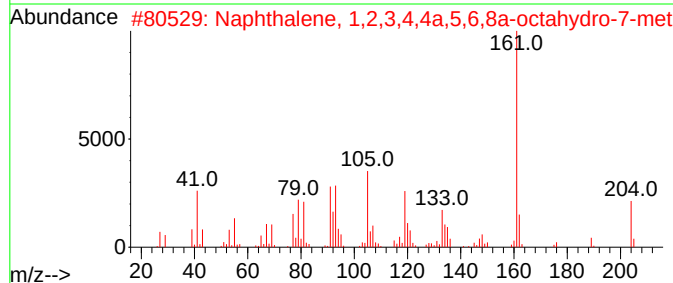
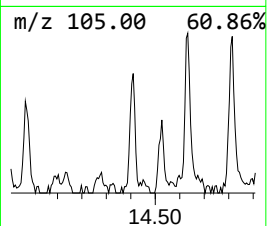
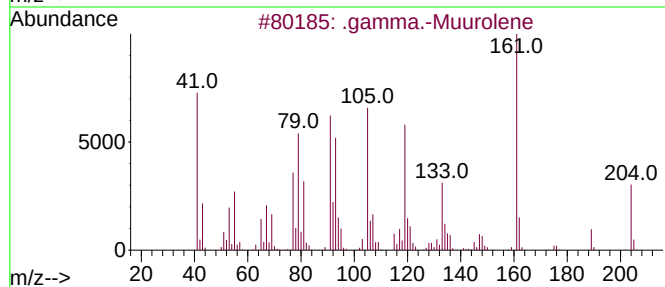
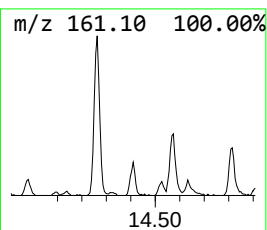
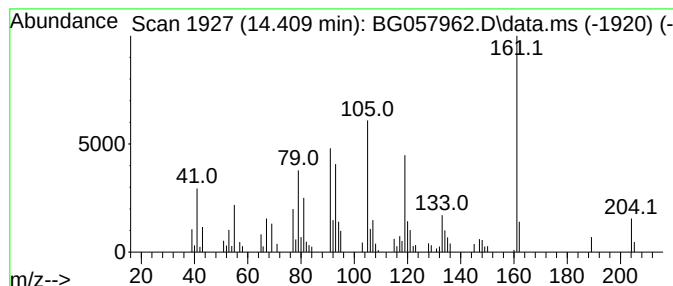
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 .gamma.-Muurolene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.409	2.35 ng/ul	72453	Acenaphthene-d10	14.568

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.gamma.-Muurolene	204	C15H24	030021-74-0	98
2		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	96
3		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	96
4		.gamma.-Muurolene	204	C15H24	030021-74-0	95
5		.gamma.-Muurolene	204	C15H24	030021-74-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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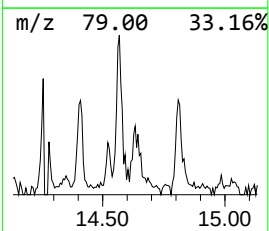
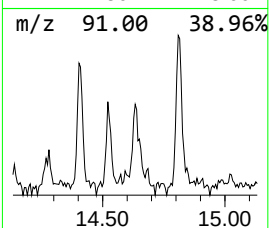
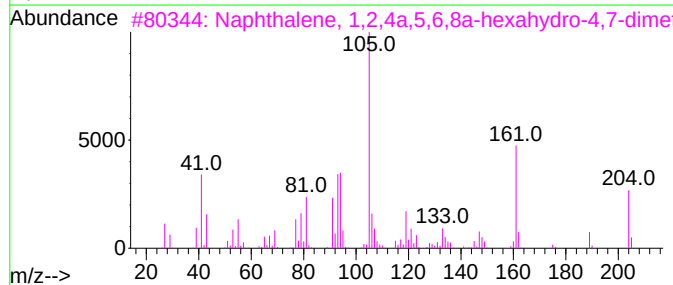
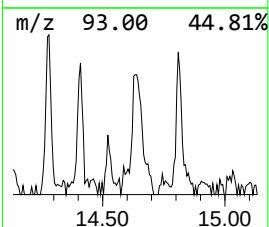
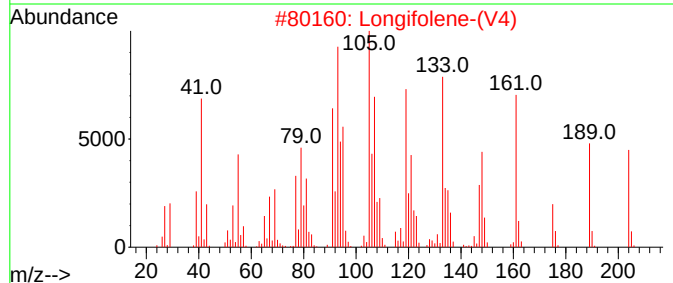
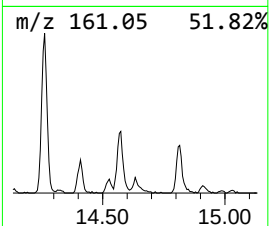
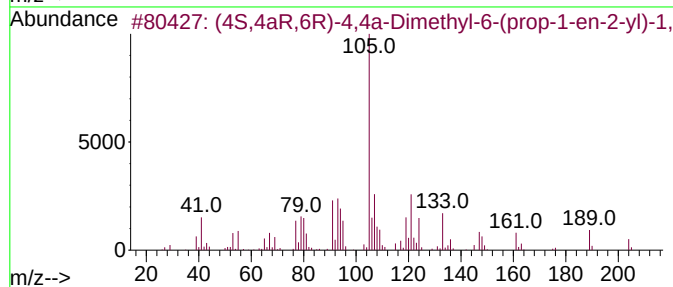
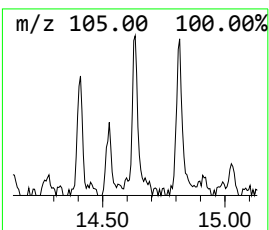
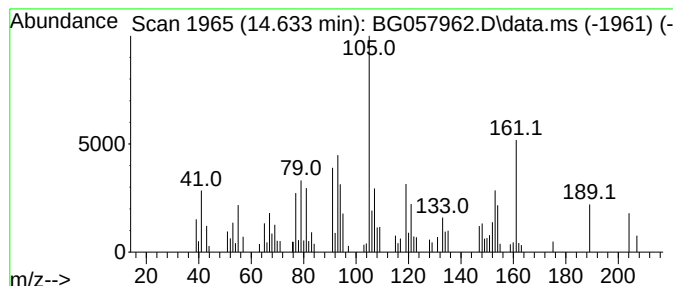
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (4S,4aR,6R)-4,4a-Dimethyl-6... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	2.62 ng/ul	80878	Acenaphthene-d10	14.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4S,4aR,6R)-4,4a-Dimethyl-6-(pro...	204	C15H24	054868-40-5	78		
2	Longifolene-(V4)	204	C15H24	061262-67-7	60		
3	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	60		
4	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	60		
5	(4S,4aR,6R)-4,4a-Dimethyl-6-(pro...	204	C15H24	054868-40-5	58		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
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Sample : 03246-18
Misc :
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Instrument :
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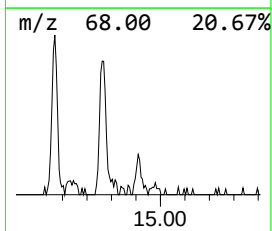
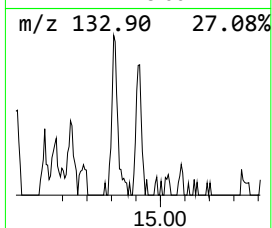
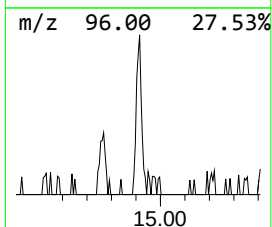
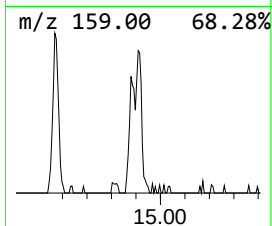
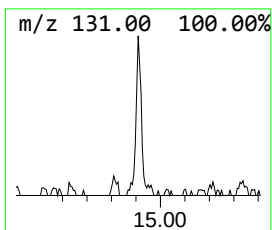
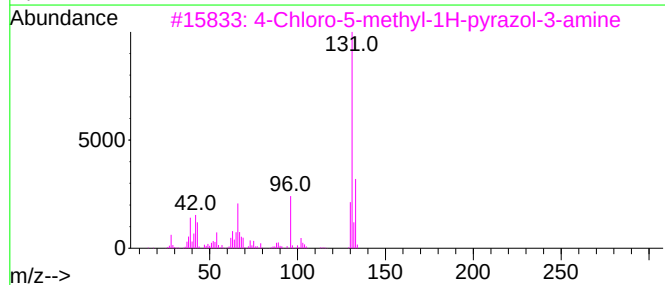
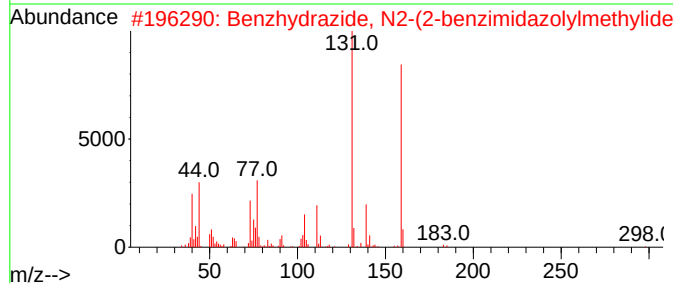
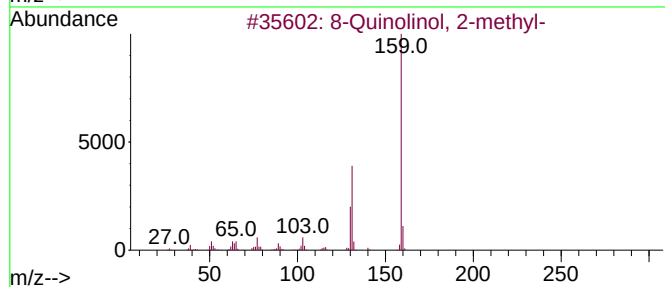
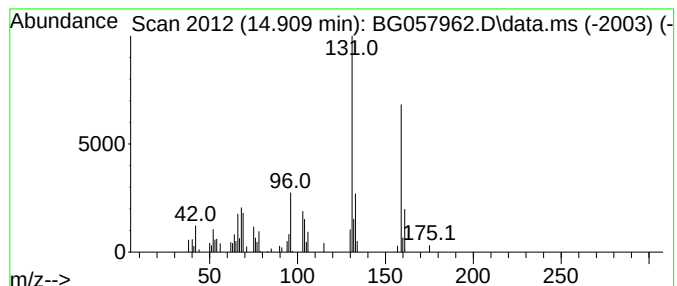
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.909	2.26 ng/ul	69813	Acenaphthene-d10	14.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	47
2			Benzhydrazide, N2-(2-benzimidazo...	298	C15H11ClN4O	328089-86-7	47
3			4-Chloro-5-methyl-1H-pyrazol-3-a...	131	C4H6ClN3	110580-44-4	46
4			Quinoline, 6-methyl-, 1-oxide	159	C10H9NO	004053-42-3	38
5			Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
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Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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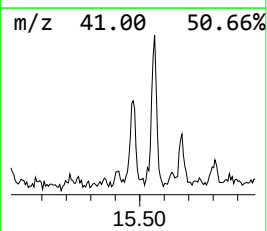
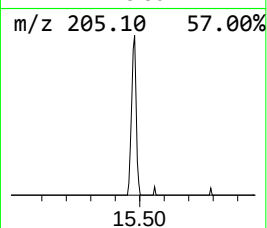
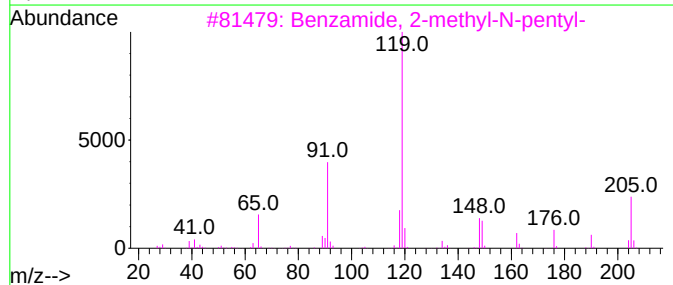
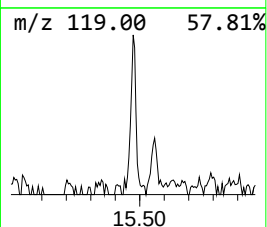
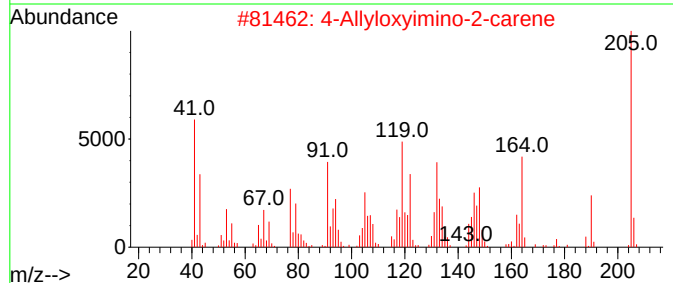
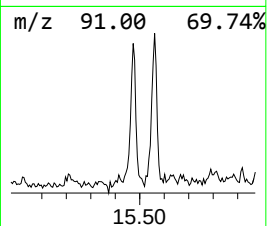
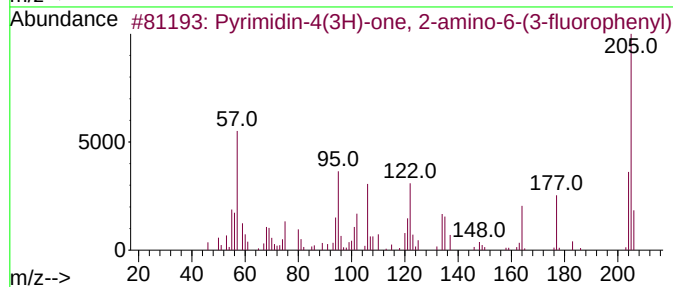
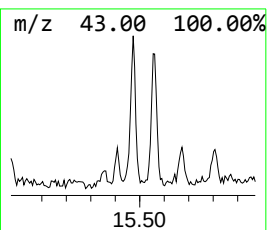
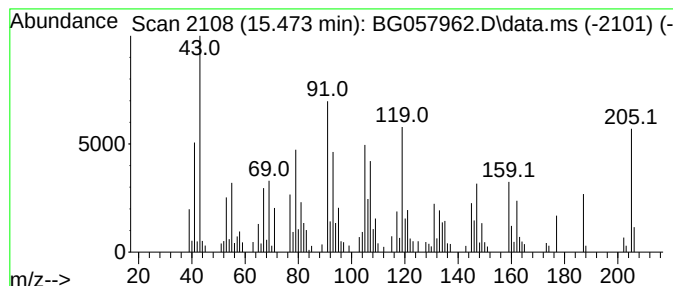
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.473	4.84 ng/ul	149553	Acenaphthene-d10	14.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrimidin-4(3H)-one, 2-amino-6-(...	205	C10H8FN3O	098305-63-6	44
2			4-Allyloxyimino-2-carene	205	C13H19NO	1000140-09-0	30
3			Benzamide, 2-methyl-N-pentyl-	205	C13H19NO	1000407-39-6	22
4			para-Morpholinoacetophenone	205	C12H15NO2	039910-98-0	18
5			1-[3-(4-Methylpiperazin-1-yl)phe...	205	C12H19N3	672325-37-0	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
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Sample : 03246-18
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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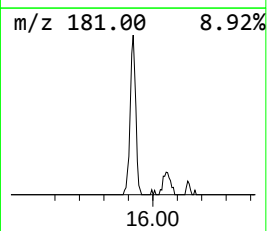
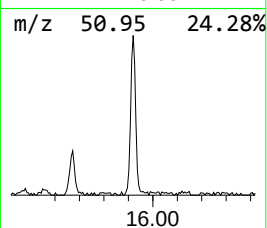
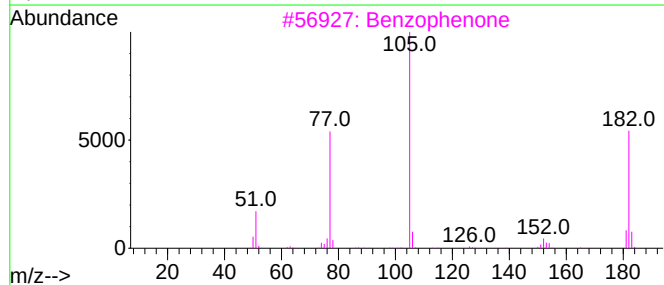
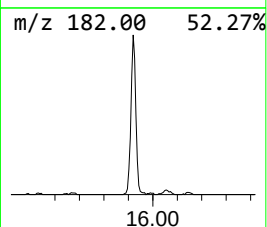
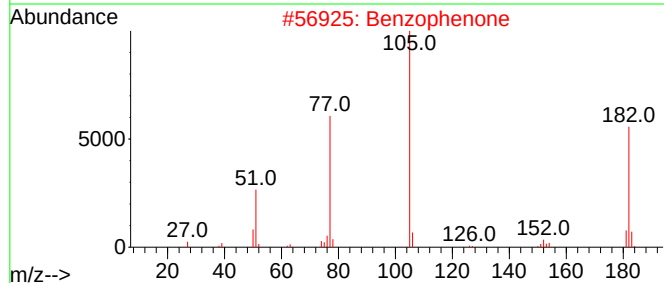
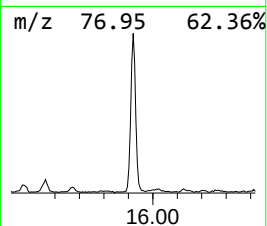
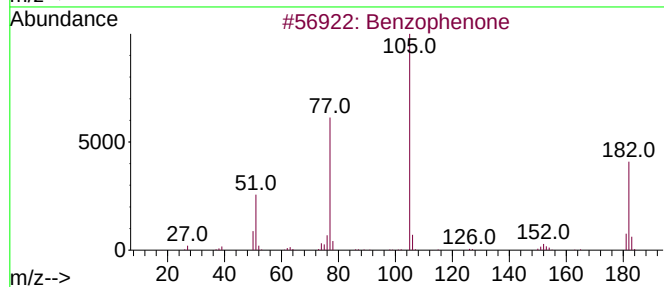
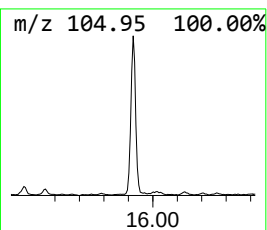
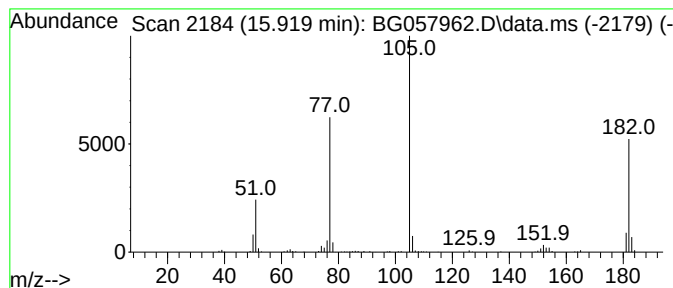
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.919	8.71 ng/ul	269041	Acenaphthene-d10	14.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzophenone	182	C13H10O	000119-61-9	96
3			Benzophenone	182	C13H10O	000119-61-9	95
4			Benzophenone	182	C13H10O	000119-61-9	94
5			Benzophenone	182	C13H10O	000119-61-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGK5

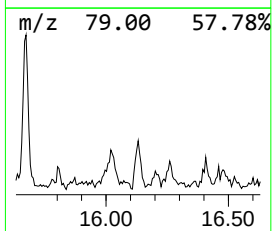
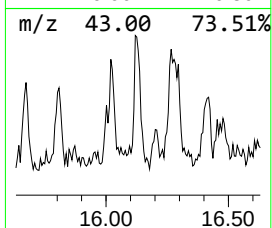
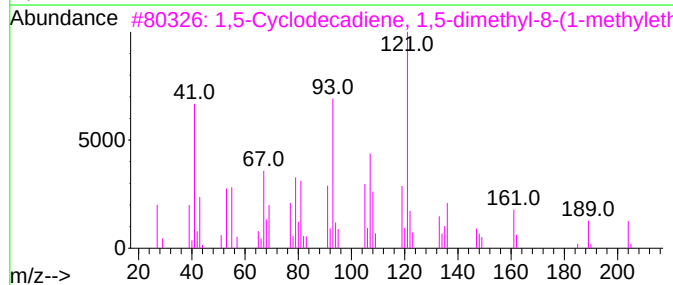
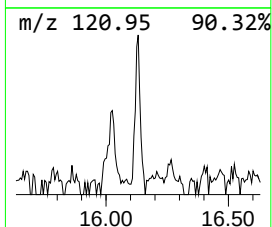
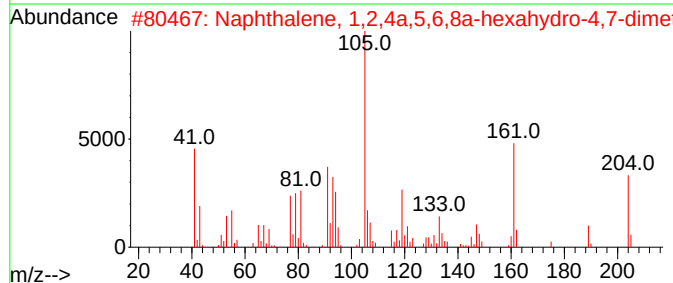
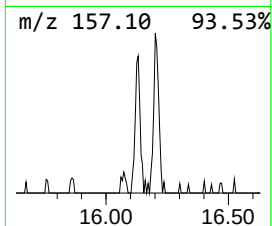
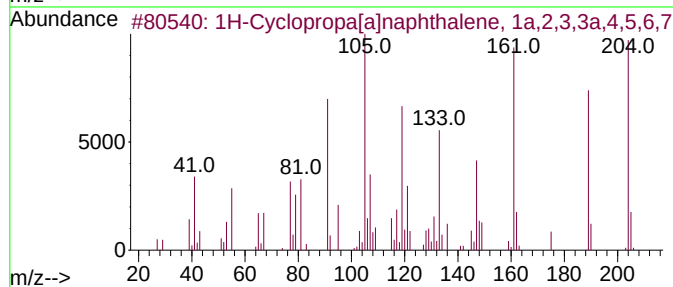
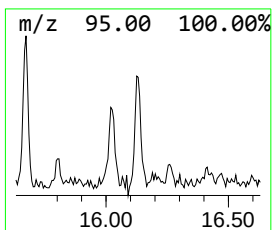
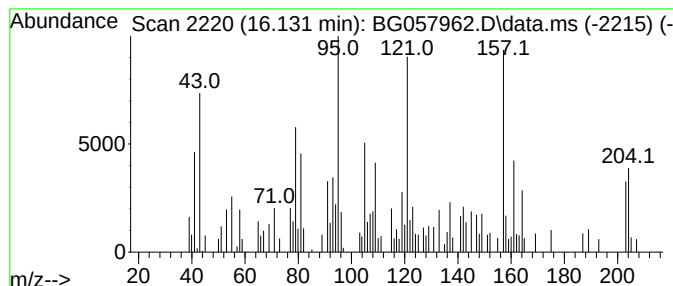
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown-04 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.131	2.13 ng/ul	81027	Phenanthrene-d10	17.312

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	46
2			Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	46
3			1,5-Cyclodecadiene, 1,5-dimethyl...	204	C15H24	015423-57-1	35
4			1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	30
5			.gamma.-Elemene	204	C15H24	029873-99-2	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

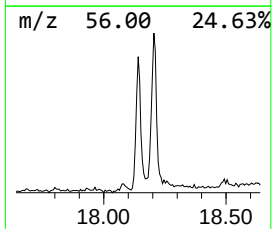
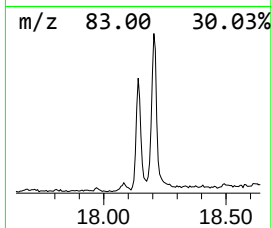
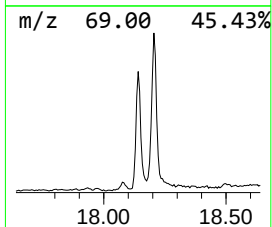
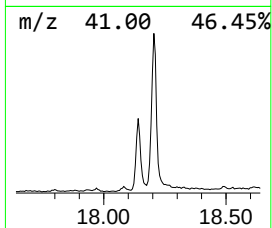
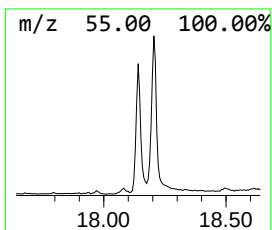
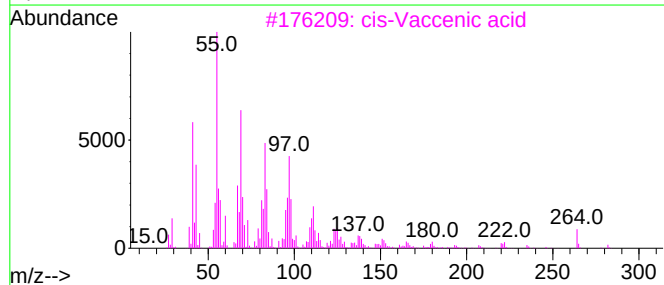
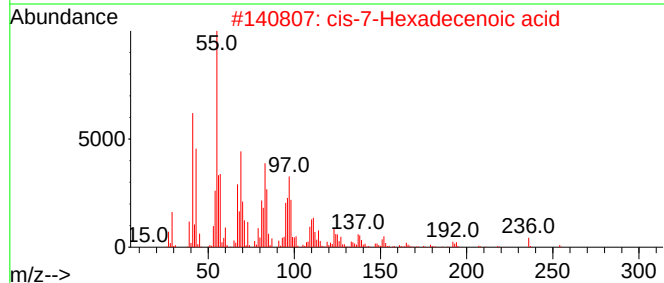
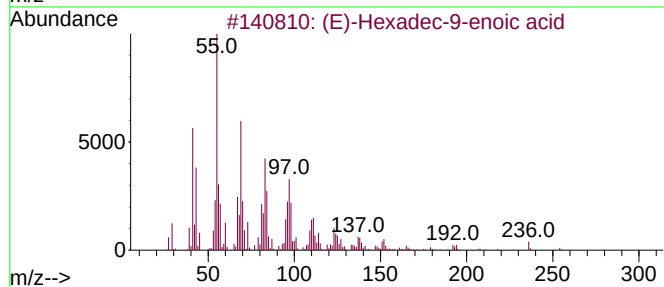
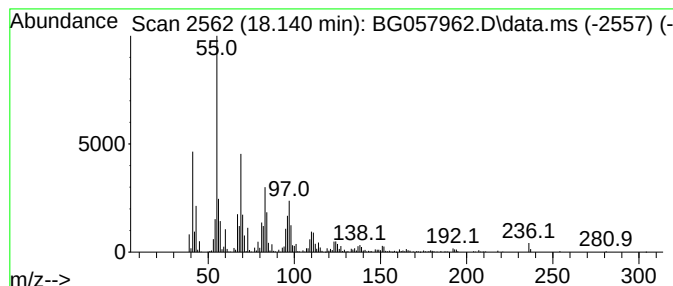
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (E)-Hexadec-9-enoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.140	17.27 ng/ul	656106	Phenanthrene-d10	17.312	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	93
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	93
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
4	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	90
5	9-octadecanoic acid, 2,2,3,3,4,4...	464	C22H35F7O2	1000376-61-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGK5

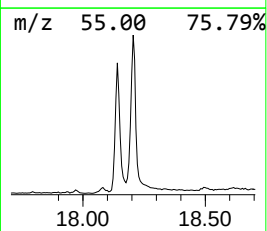
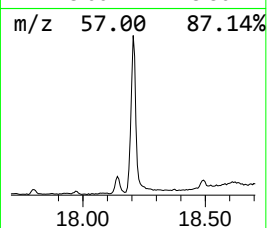
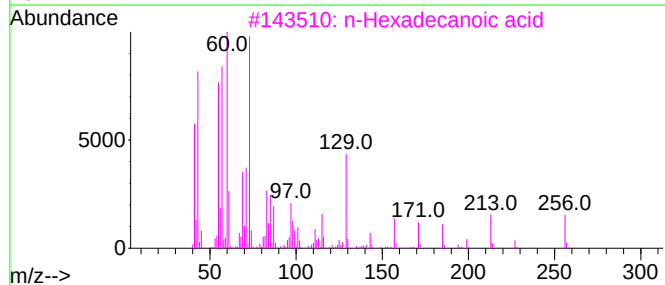
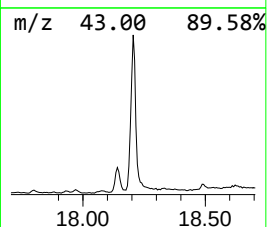
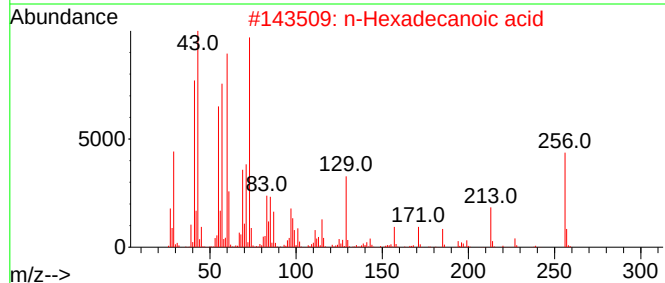
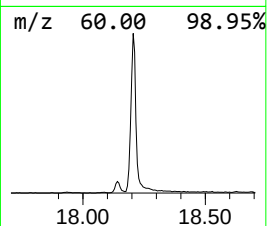
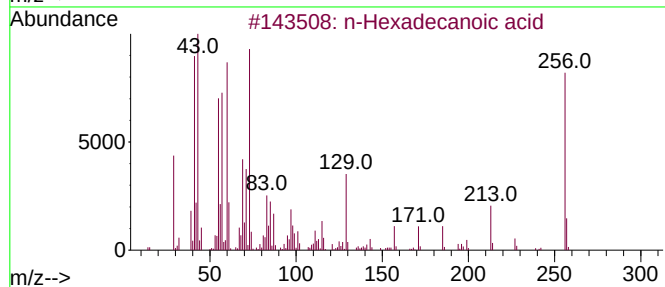
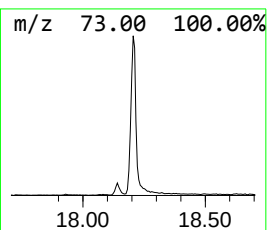
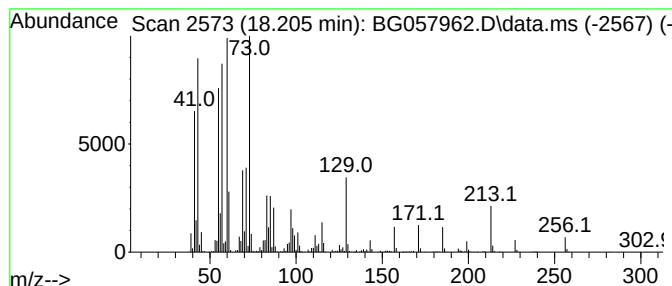
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.205	47.79 ng/ul	1815450	Phenanthrene-d10	17.312

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
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Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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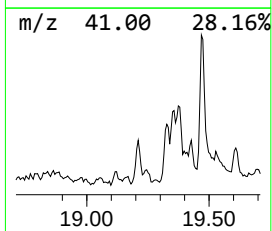
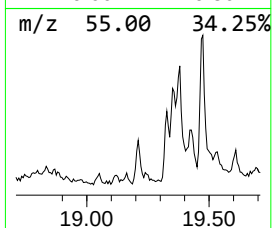
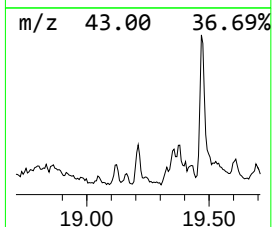
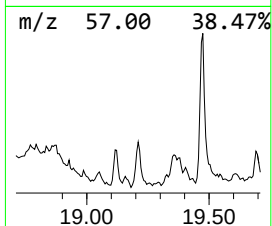
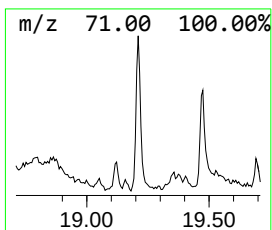
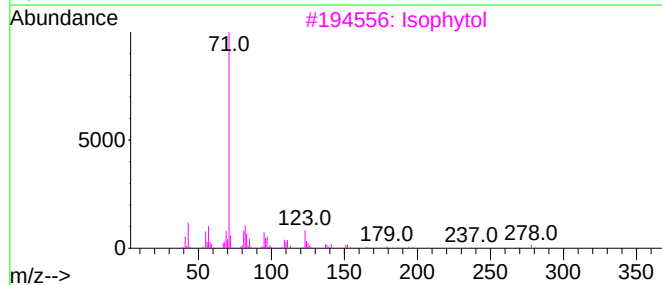
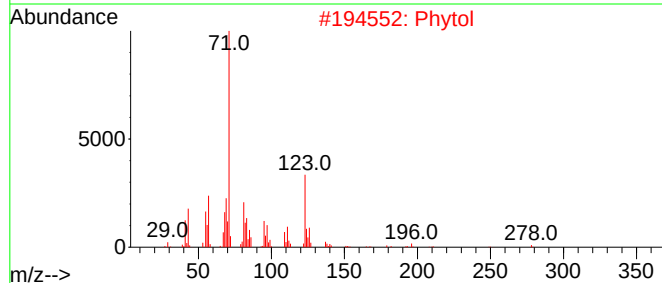
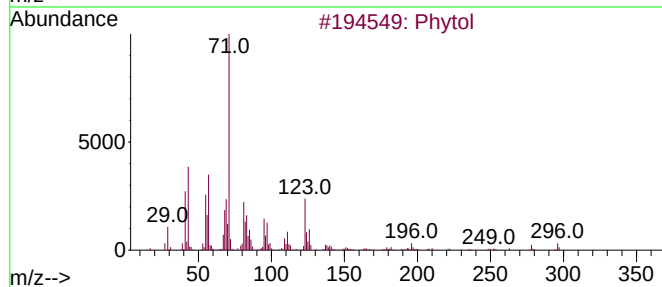
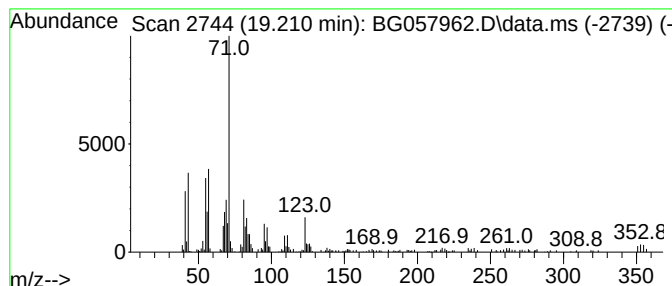
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Phytol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.210	4.25 ng/ul	161591	Phenanthrene-d10	17.312

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol			296	C20H40O	000150-86-7	83
2	Phytol			296	C20H40O	000150-86-7	80
3	Isophytol			296	C20H40O	000505-32-8	64
4	Butyric acid, 2-pentadecyl ester			298	C19H38O2	107853-73-6	58
5	Sulfurous acid, octadecyl pentyl...			404	C23H48O3S	1000309-15-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
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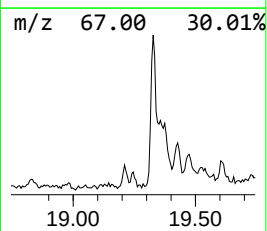
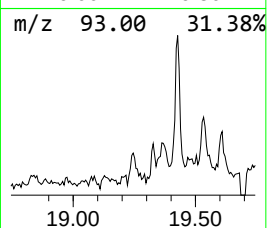
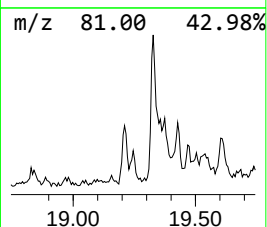
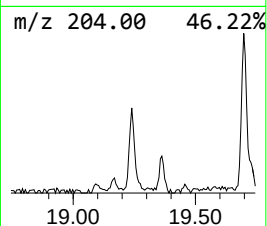
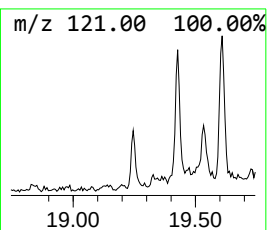
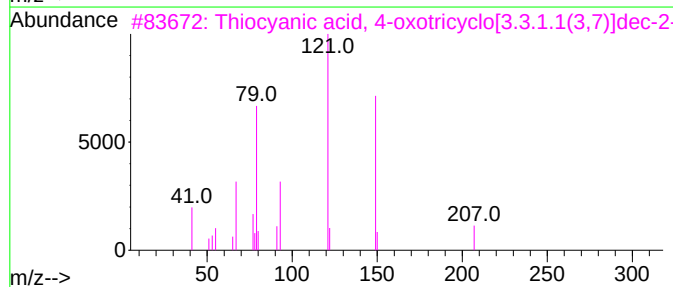
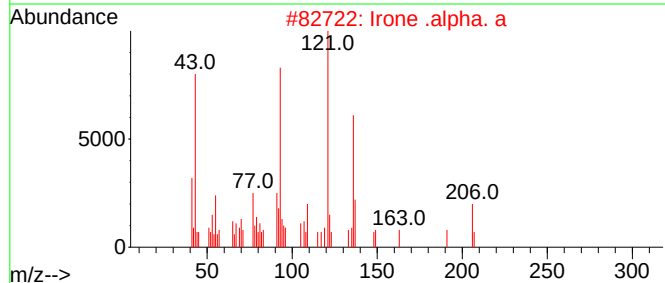
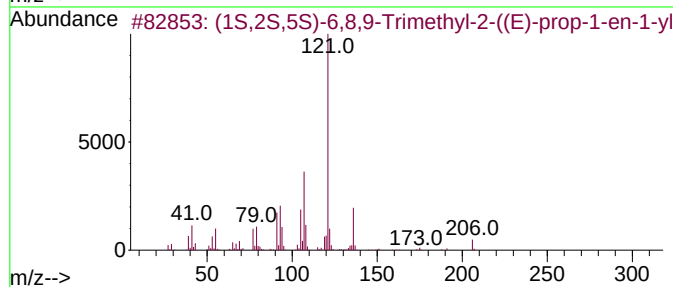
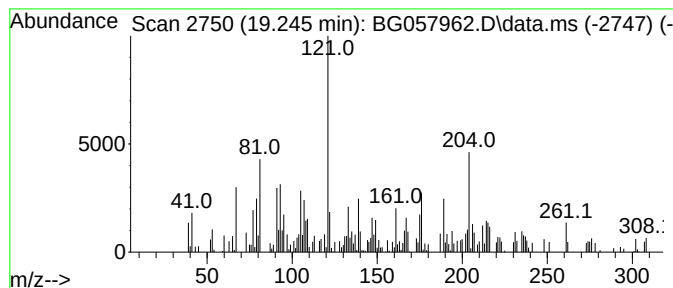
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-05 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.245	2.51 ng/ul	95469	Phenanthrene-d10	17.312	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,2S,5S)-6,8,9-Trimethyl-2-((E...	206	C14H22O	1000497-96-7	38
2	Irone .alpha. a	206	C14H22O	035124-13-1	30
3	Thiocyanic acid, 4-oxotricyclo[3...	207	C11H13NOS	056781-89-6	30
4	1H-1,2,3,4-Tetrazole-1,5-diamine...	220	C9H12N6O	1000349-95-9	30
5	1H-3a,7-Methanoazulene, octahydr...	206	C15H26	013567-54-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
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Sample : 03246-18
Misc :
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Instrument :
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ClientSampleId :
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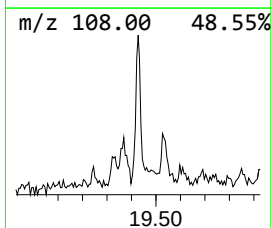
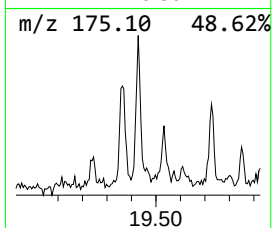
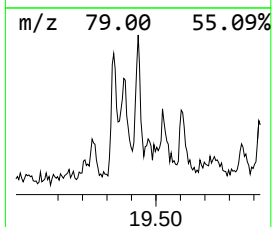
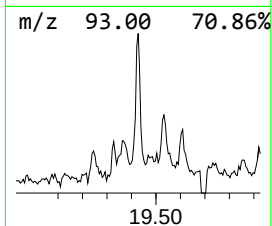
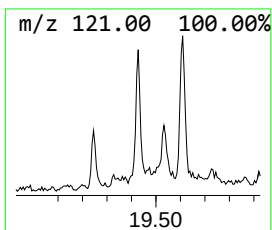
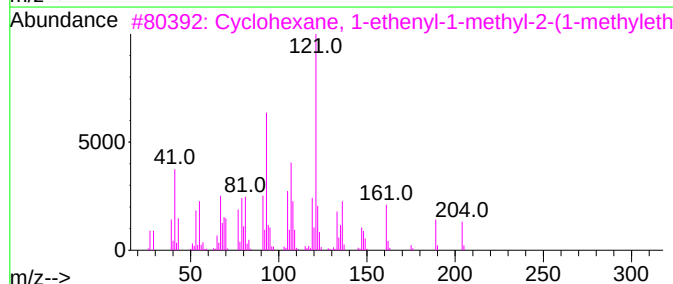
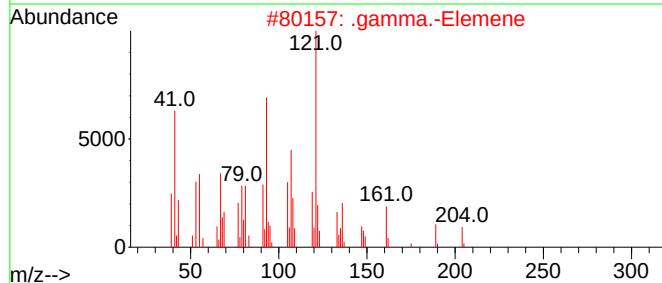
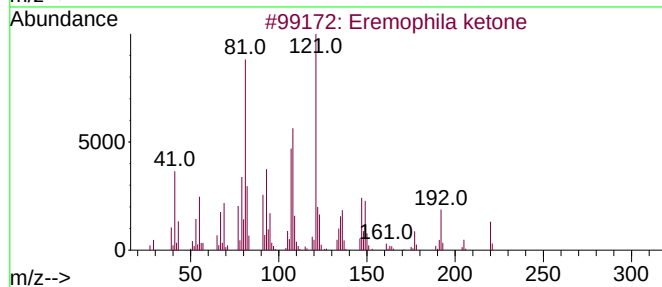
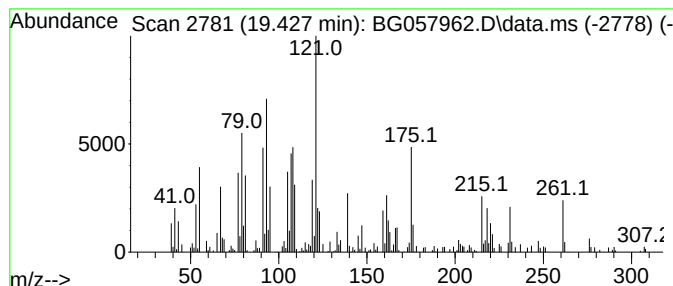
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown-06 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.427	3.61 ng/ul	137279	Phenanthrene-d10	17.312

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eremophila ketone	220	C15H24O	158930-41-7	46
2			.gamma.-Elemene	204	C15H24	029873-99-2	38
3			Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	38
4			.gamma.-Elemene	204	C15H24	029873-99-2	35
5			(3S,4R,5R,6R)-4,5-Bis(hydroxymet...	170	C10H18O2	1000099-24-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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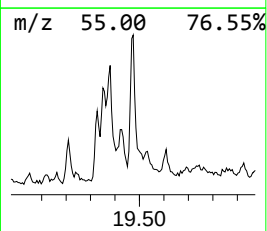
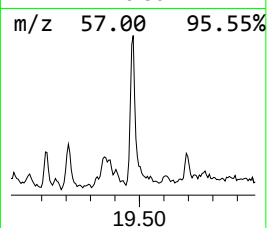
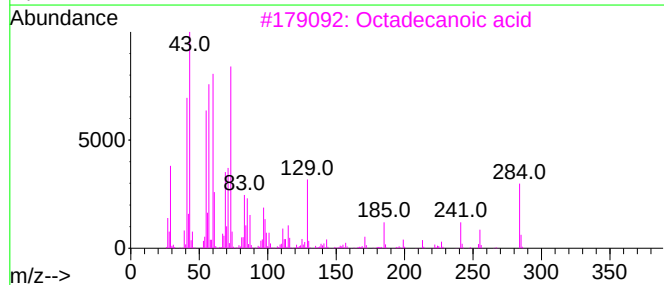
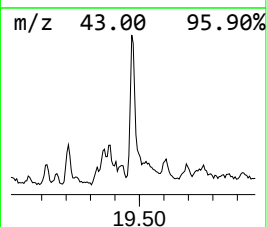
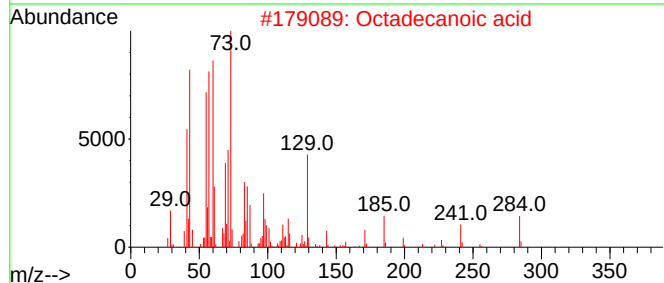
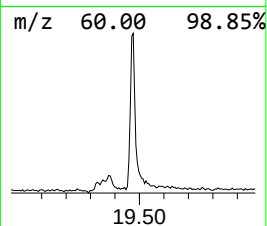
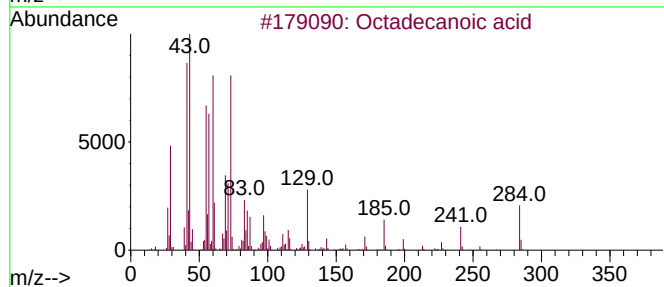
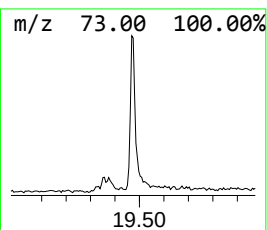
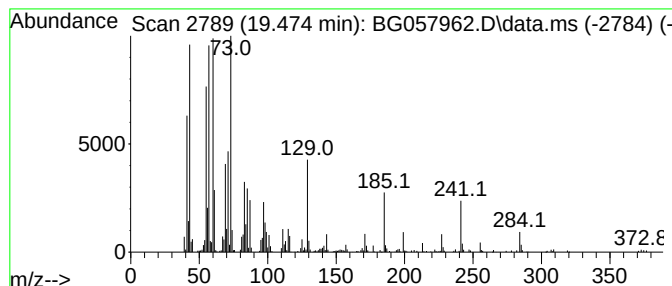
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.474	9.03 ng/ul	498022	Chrysene-d12	21.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Octadecanoic acid	284	C18H36O2	000057-11-4	93
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGK5

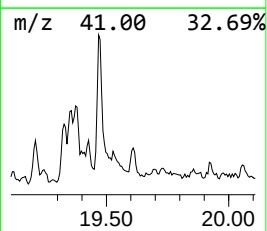
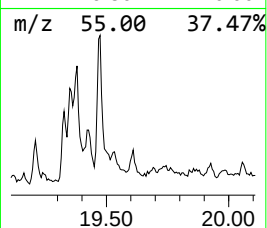
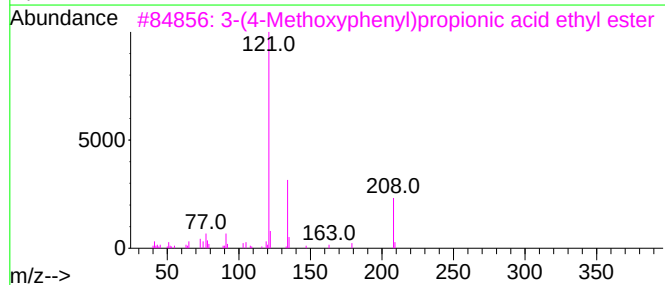
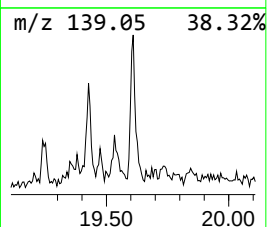
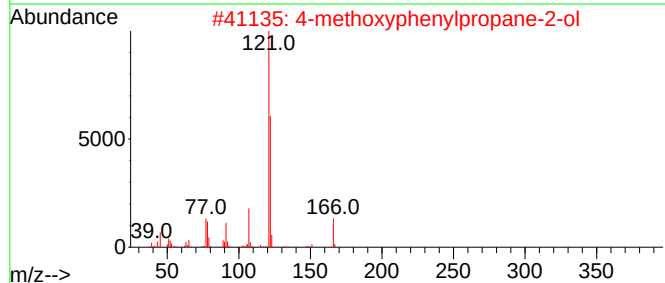
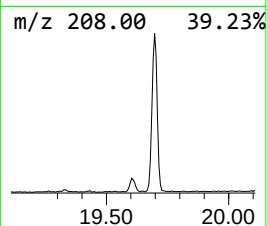
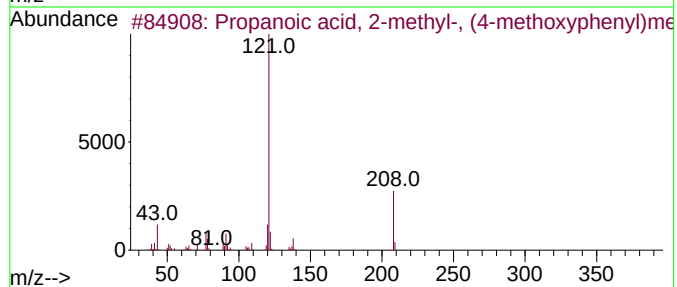
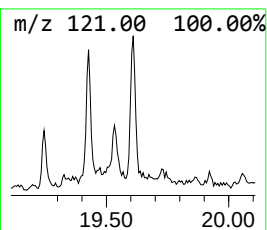
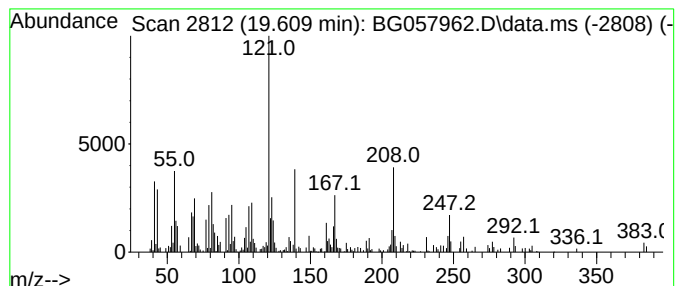
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown-07 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.609	3.25 ng/ul	179321	Chrysene-d12	21.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2-methyl-, (4-me...	208	C12H16O3	071172-26-4	35
2			4-methoxyphenylpropane-2-ol	166	C10H14O2	1000378-88-8	30
3			3-(4-Methoxyphenyl)propionic aci...	208	C12H16O3	022767-72-2	30
4			1-(2-Hydroxyphenyl)-3-phenyl-1-p...	226	C15H14O2	042772-82-7	27
5			1-Propyl-1,2,3,4-tetrahydropyrro...	164	C10H16N2	112758-86-8	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGK5

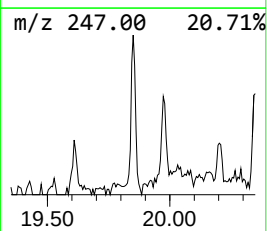
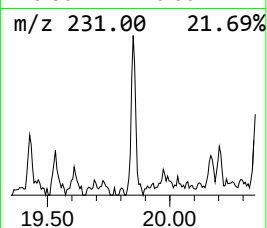
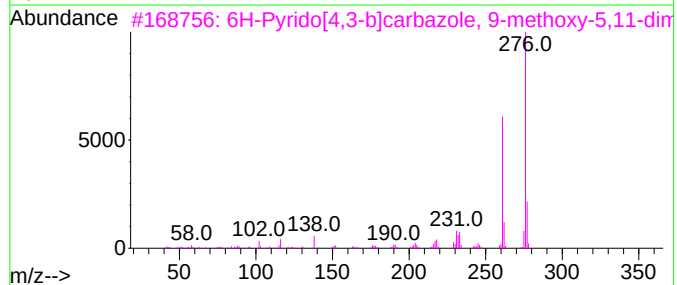
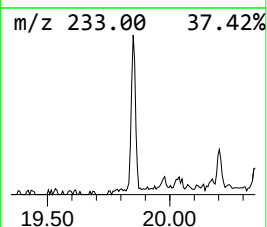
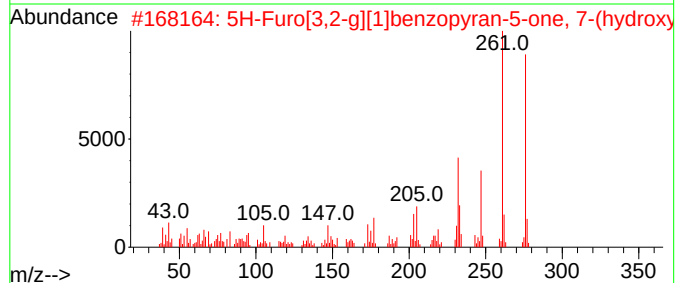
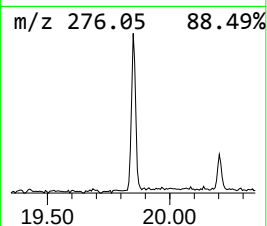
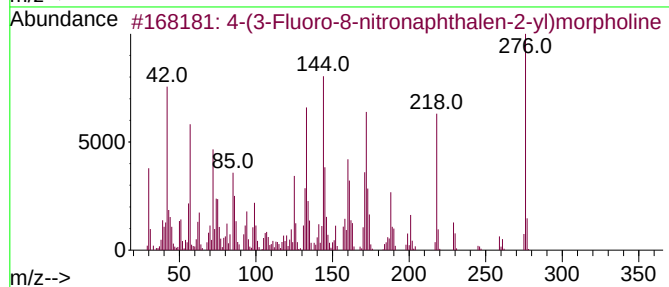
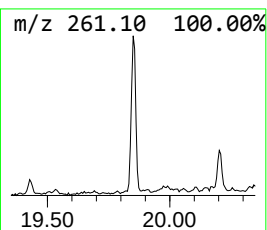
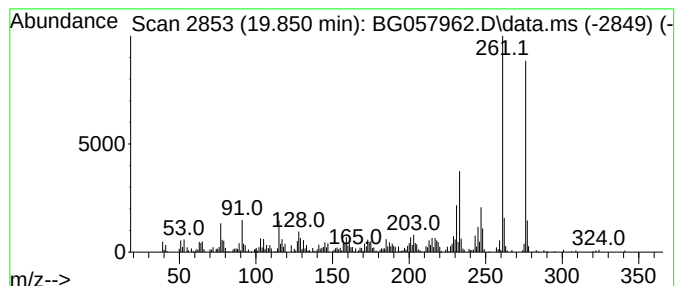
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 4-(3-Fluoro-8-nitronaphthal... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.850	4.20 ng/ul	231571	Chrysene-d12	21.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(3-Fluoro-8-nitronaphthalen-2-...	276	C14H13FN2O3	1000409-37-1	91		
2	5H-Furo[3,2-g][1]benzopyran-5-on...	276	C14H12O6	000668-10-0	83		
3	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	72		
4	3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	70		
5	3-Methoxy-5-pentyl-2-prenylpheno...	276	C18H28O2	083036-53-7	62		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

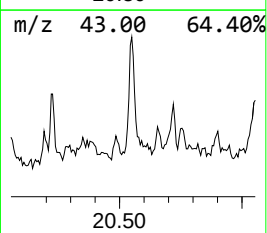
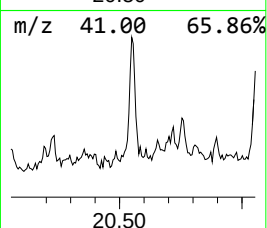
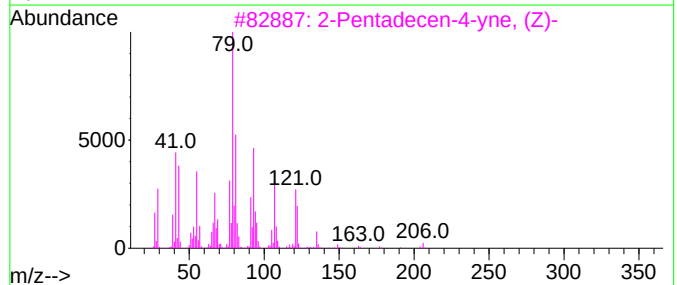
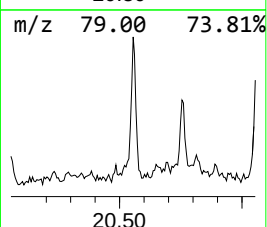
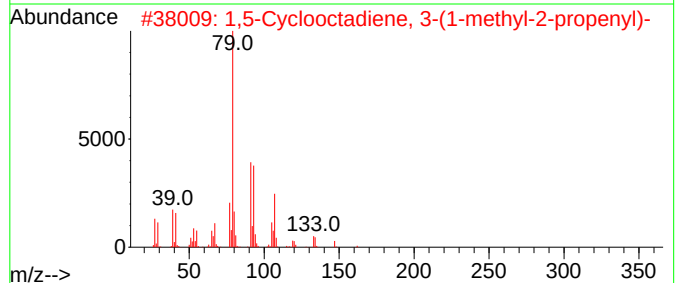
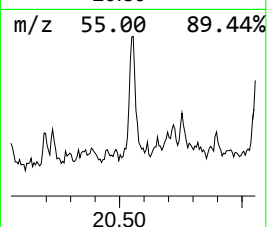
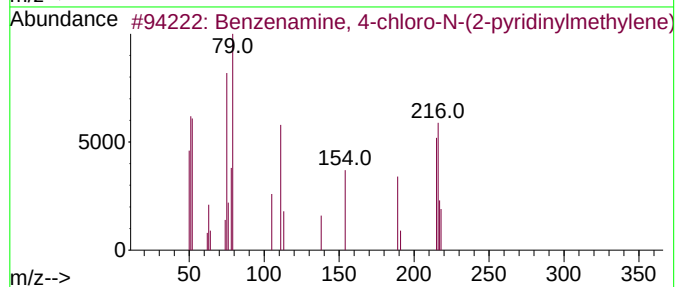
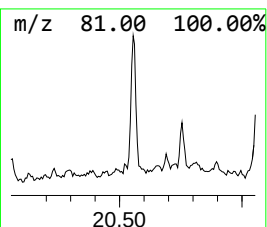
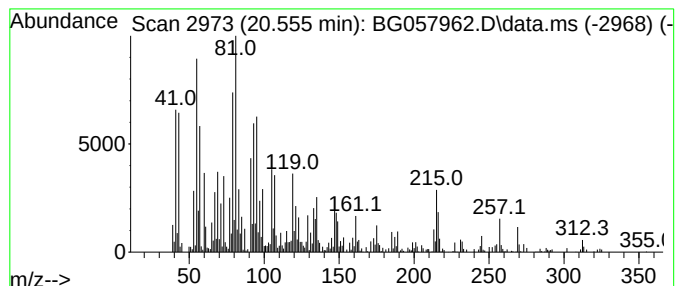
Instrument :
BNA_G
ClientSampleId :
DCGK5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Benzenamine, 4-chloro-N-(2-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.555	7.70 ng/ul	424977	Chrysene-d12		21.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzenamine, 4-chloro-N-(2-pyrid...		216	C12H9ClN2	026825-34-3	64
2	1,5-Cyclooctadiene, 3-(1-methyl-...		162	C12H18	016538-88-8	38
3	2-Pentadecen-4-yne, (Z)-		206	C15H26	074646-33-6	35
4	3,7,11,Trimethyl-8,10- dodecedie...		266	C17H30O2	1000374-10-3	30
5	1-Naphthalenepropanol, .alpha.-e...		308	C20H36O2	000515-03-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

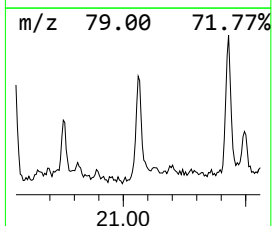
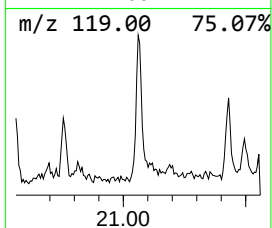
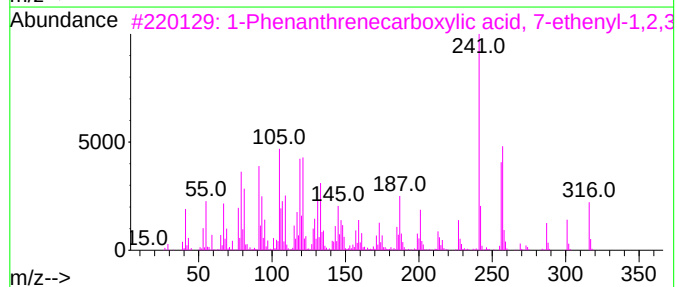
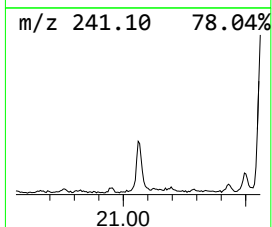
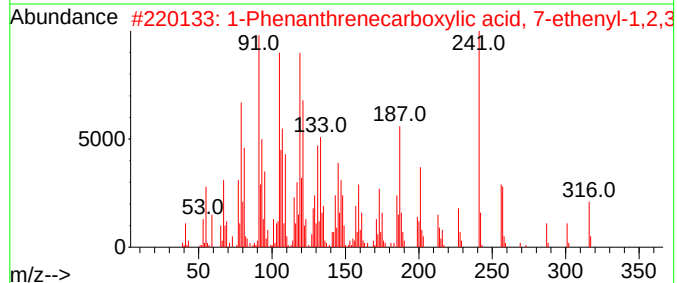
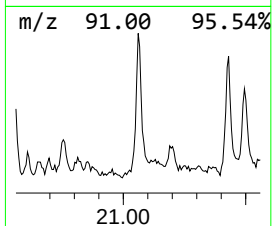
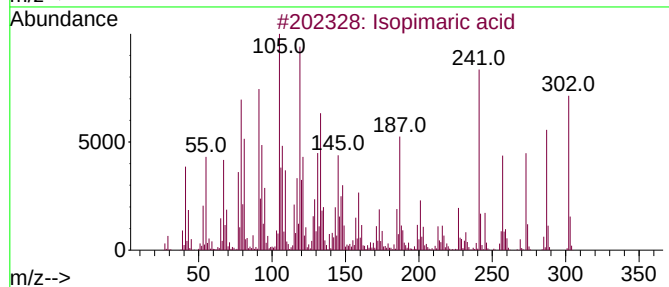
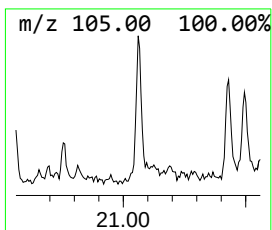
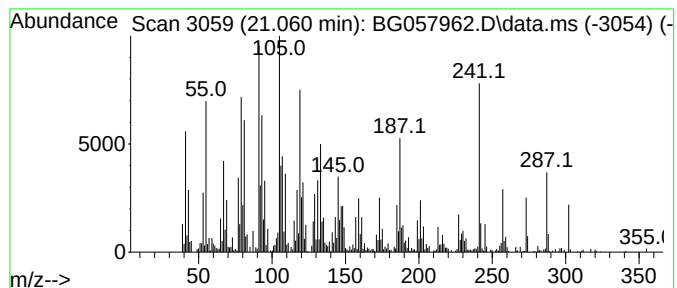
Instrument :
BNA_G
ClientSampleId :
DCGK5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Isopimaric acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.060	9.58 ng/ul	528671	Chrysene-d12	21.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopimaric acid	302	C20H30O2	005835-26-7	94
2	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	89
3	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	72
4	Podocarp-7-en-3.beta.-ol, 13.bet...	288	C20H32O	004752-56-1	46
5	10,12-Tricosadiynoic acid, methy...	360	C24H40O2	1010333-59-4	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

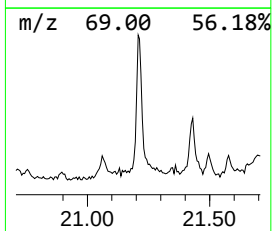
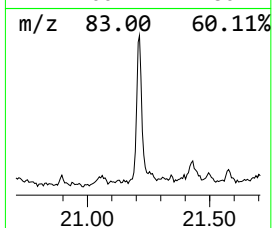
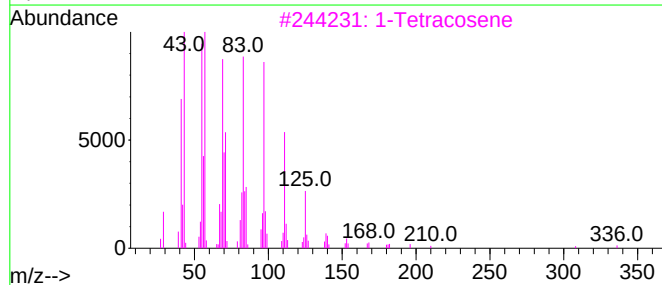
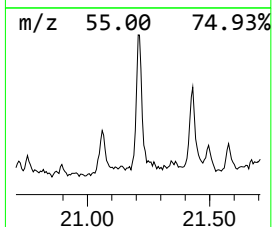
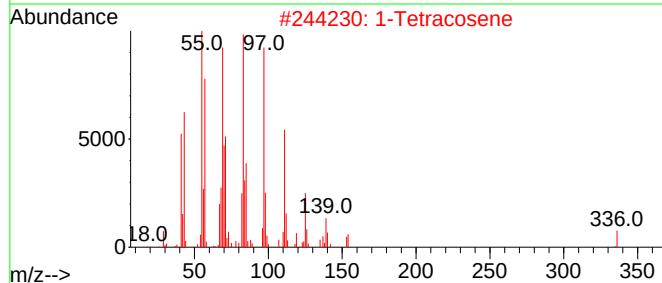
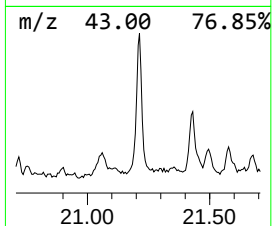
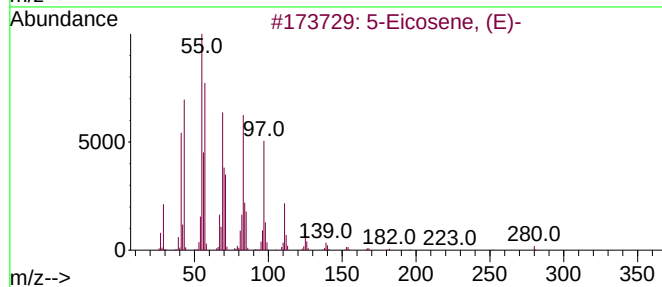
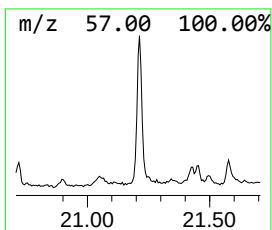
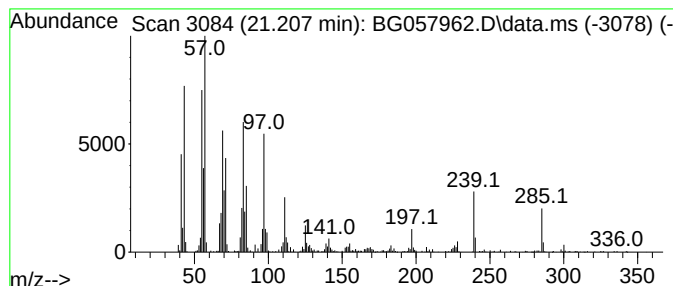
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.207	14.37 ng/ul	793106	Chrysene-d12		21.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	97
2	1-Tetracosene		336	C24H48	010192-32-2	95
3	1-Tetracosene		336	C24H48	010192-32-2	94
4	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	90
5	1-Docosene		308	C22H44	001599-67-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
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Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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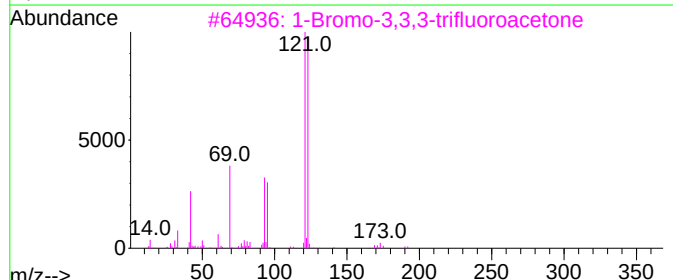
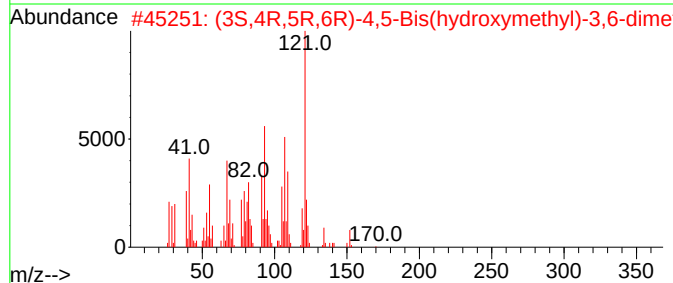
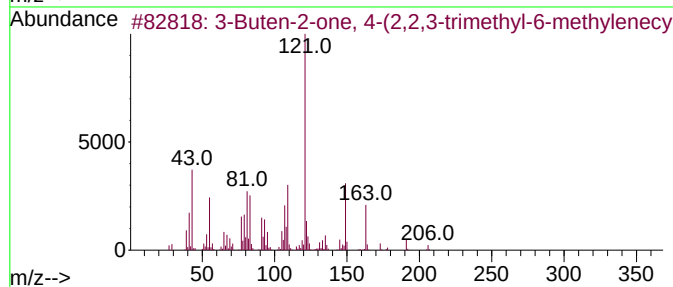
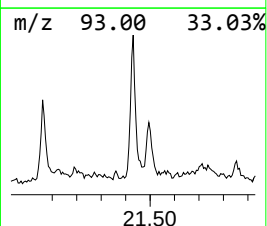
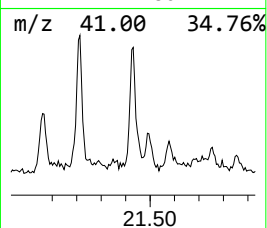
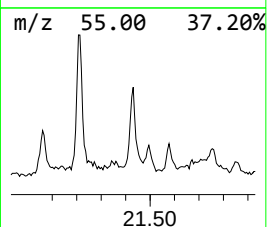
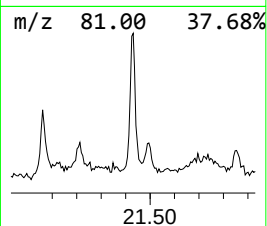
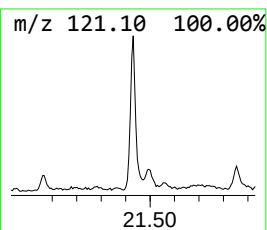
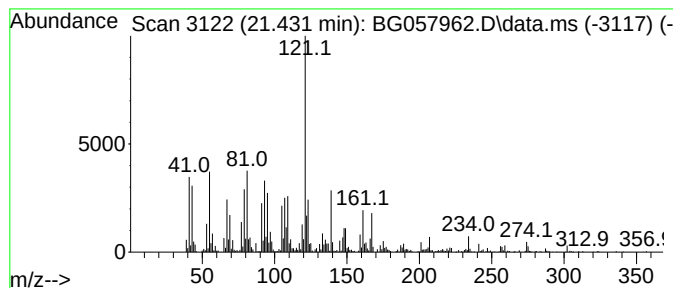
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 3-Buten-2-one, 4-(2,2,3-tri... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.431	13.28 ng/ul	732903	Chrysene-d12	21.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Buten-2-one, 4-(2,2,3-trimethy...	206	C14H22O	000079-68-5	55
2			(3S,4R,5R,6R)-4,5-Bis(hydroxymet...	170	C10H18O2	1000099-24-3	47
3			1-Bromo-3,3,3-trifluoroacetone	190	C3H2BrF3O	000431-35-6	35
4			.beta.(p-Methoxyphenyl)propionit...	161	C10H11NO	022442-48-4	35
5			3,4'-Dihydroxypropiophenone	166	C9H10O3	053170-93-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

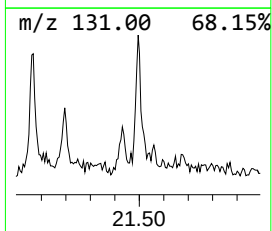
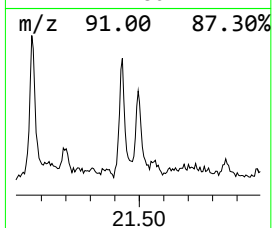
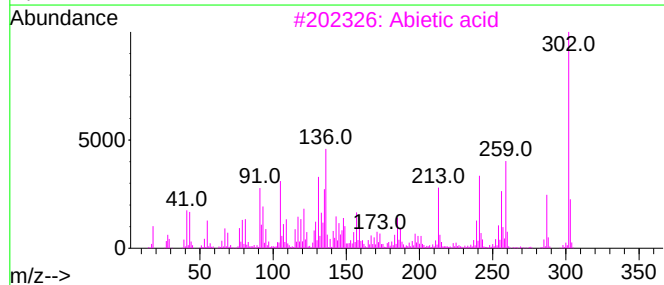
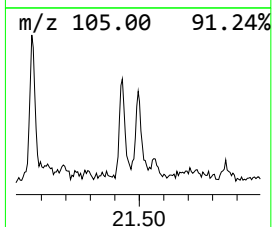
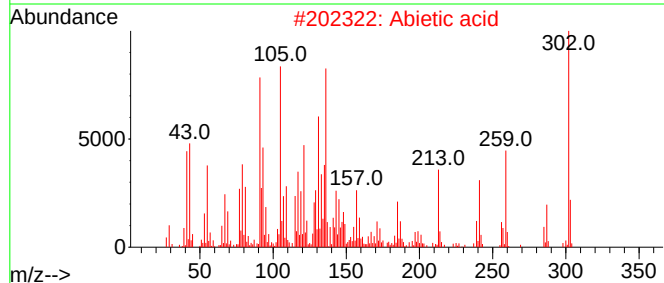
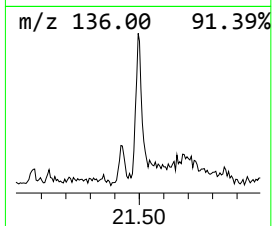
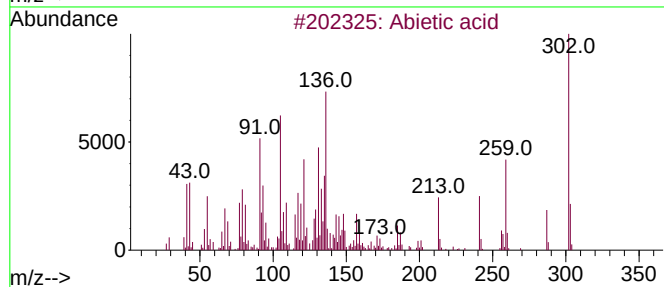
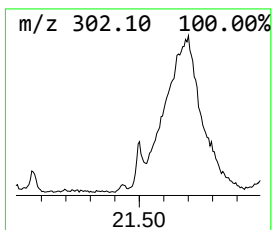
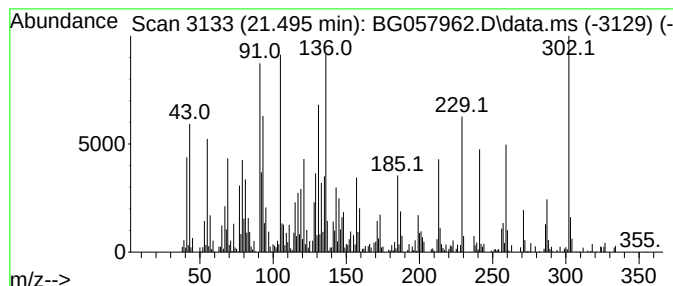
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Abietic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.495	4.63 ng/ul	255733	Chrysene-d12		21.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Abietic acid		302	C20H30O2	000514-10-3	95
2	Abietic acid		302	C20H30O2	000514-10-3	90
3	Abietic acid		302	C20H30O2	000514-10-3	78
4	3,5-Dimethylanisole		136	C9H12O	000874-63-5	53
5	3,5-Dimethylanisole		136	C9H12O	000874-63-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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Operator : CG/JU
Sample : 03246-18
Misc :
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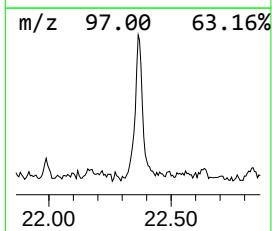
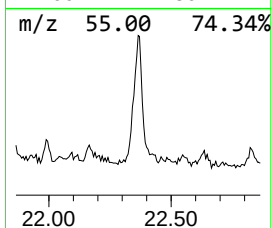
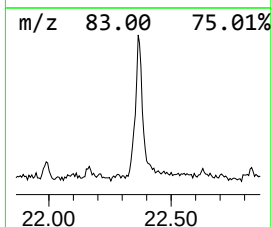
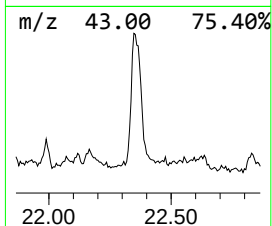
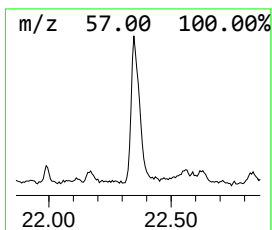
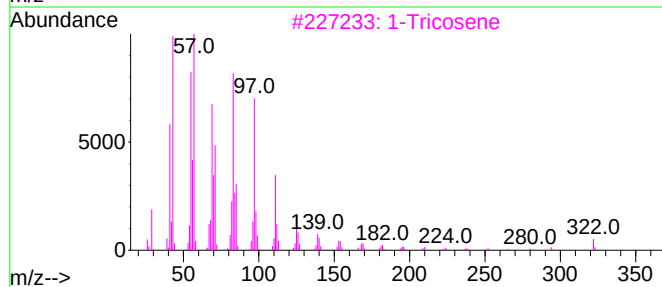
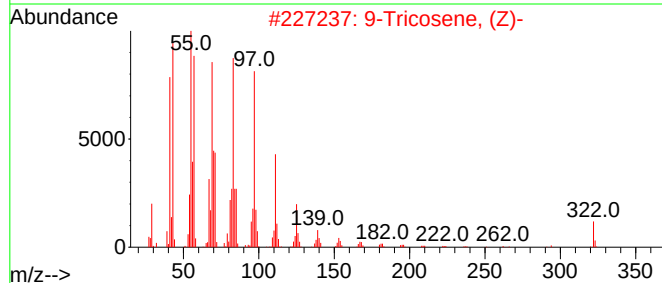
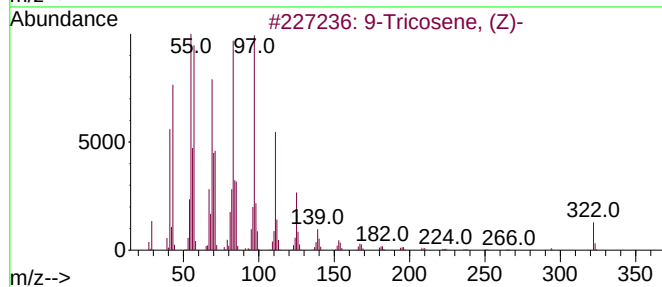
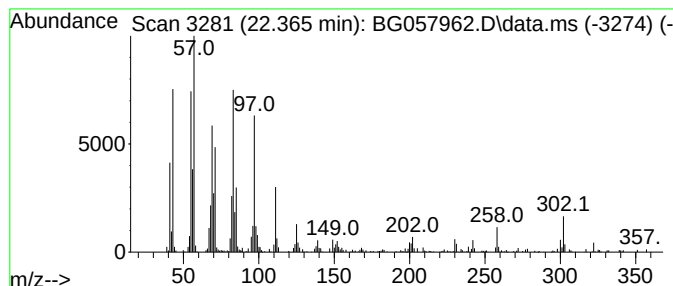
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.365	10.01 ng/ul	552231	Chrysene-d12	21.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	92
3	1-Tricosene	322	C23H46	018835-32-0	90
4	17-Pentatriacontene	491	C35H70	006971-40-0	87
5	Cyclotetracosane	336	C24H48	000297-03-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGK5

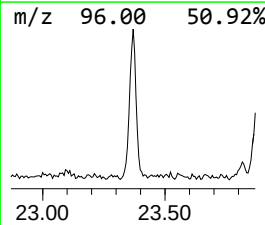
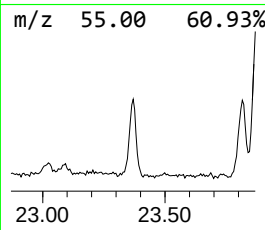
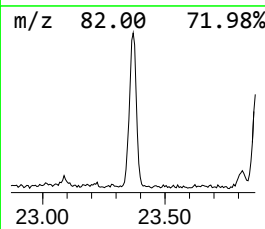
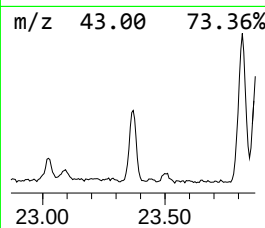
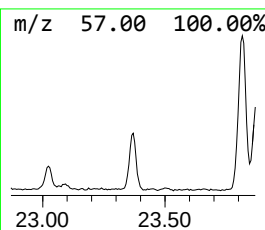
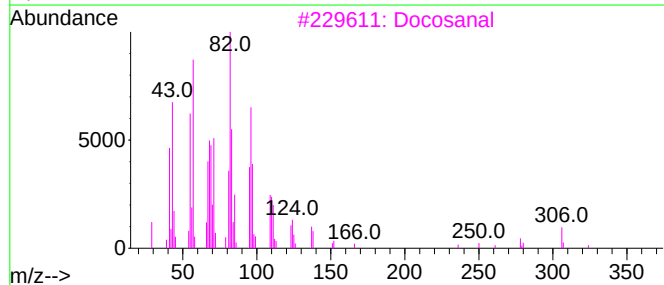
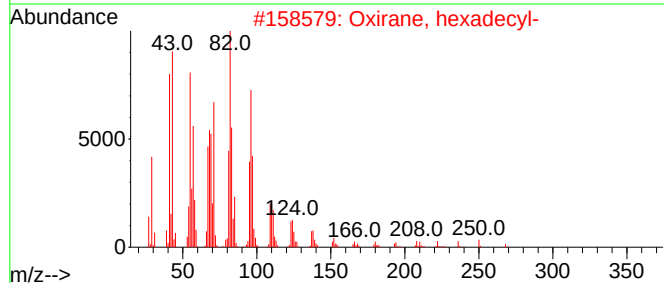
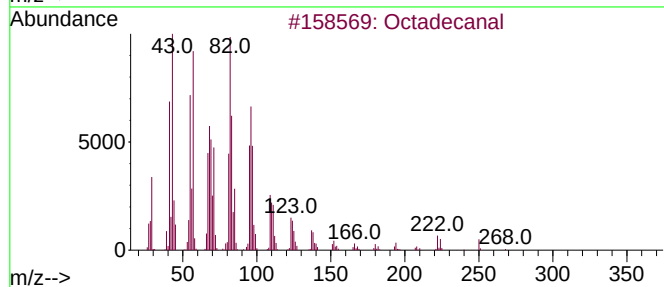
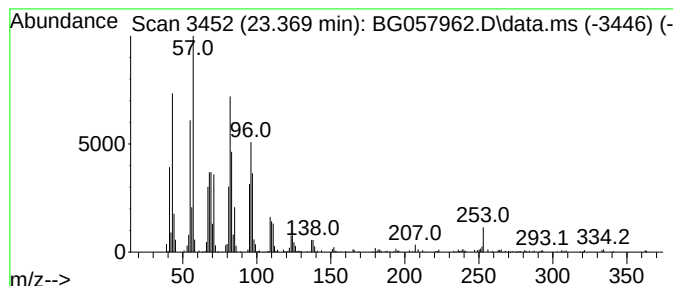
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Octadecanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.369	10.28 ng/ul	545943	Perylene-d12	24.727

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanal	268	C18H36O	000638-66-4	91
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Docosanal	324	C22H44O	057402-36-5	91
4		Hexadecanal	240	C16H32O	000629-80-1	91
5		Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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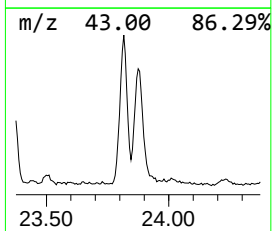
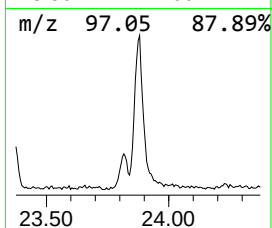
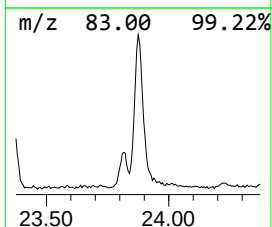
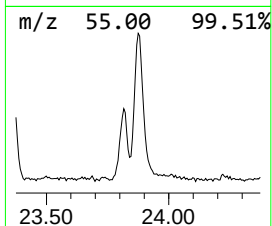
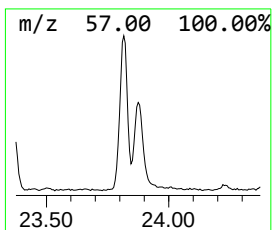
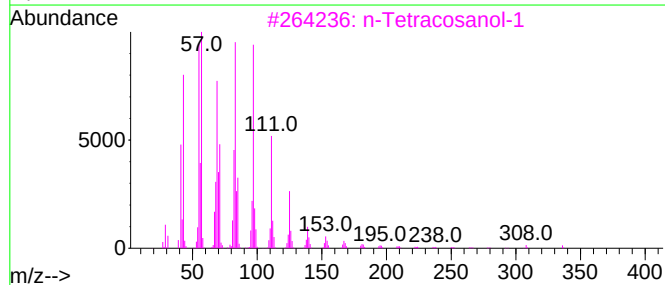
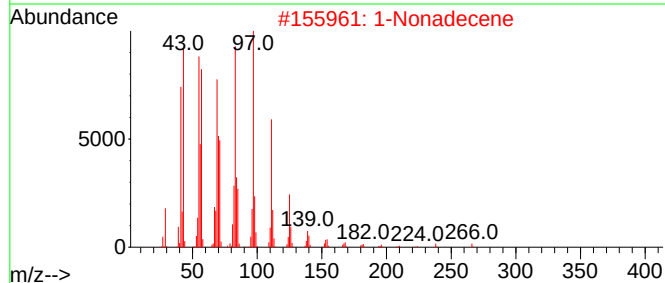
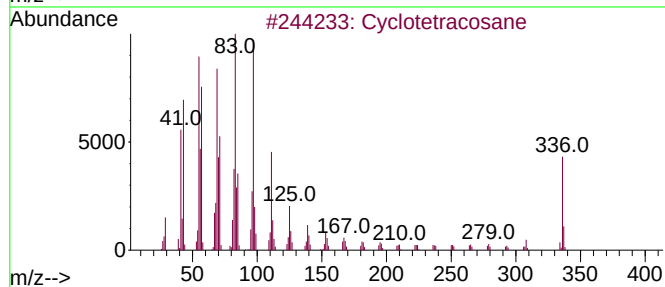
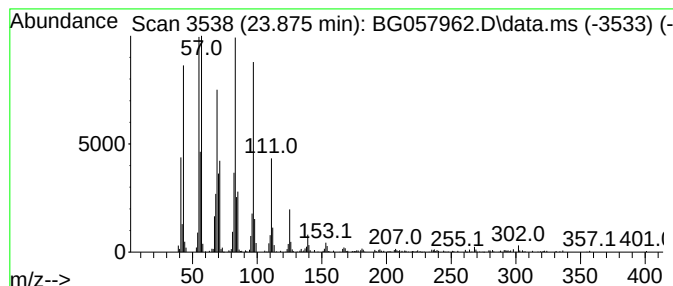
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Cyclic23.875 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.875	16.83 ng/ul	893333	Perylene-d12	24.727

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetracosane	336	C24H48	000297-03-0	97
2		1-Nonadecene	266	C19H38	018435-45-5	95
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		Behenic alcohol	326	C22H46O	000661-19-8	94
5		1-Heptacosanol	396	C27H56O	002004-39-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
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Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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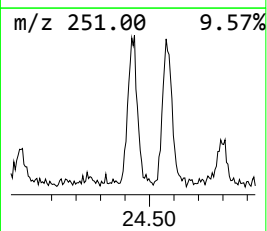
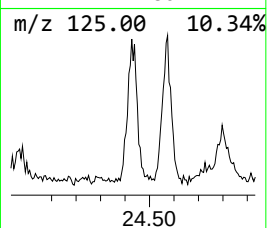
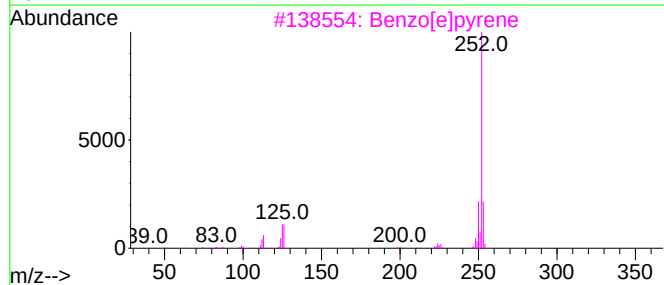
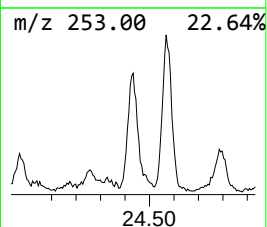
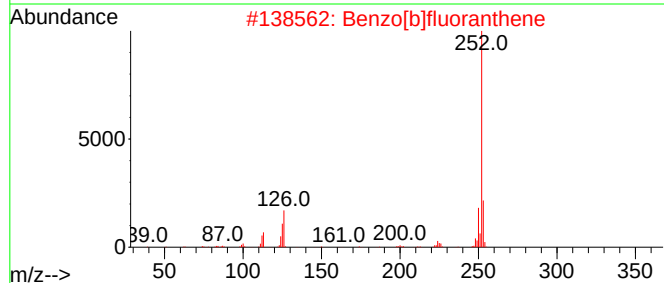
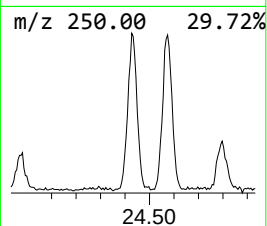
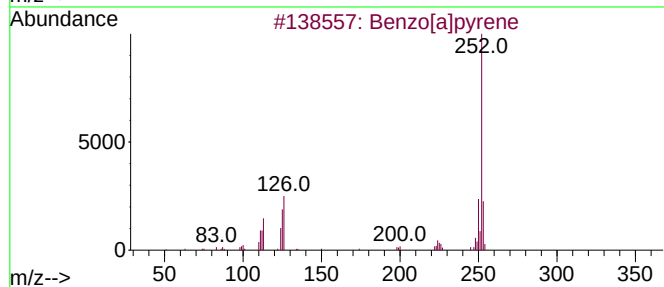
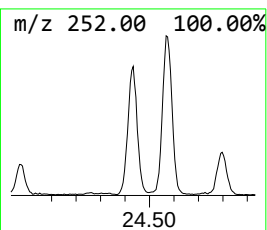
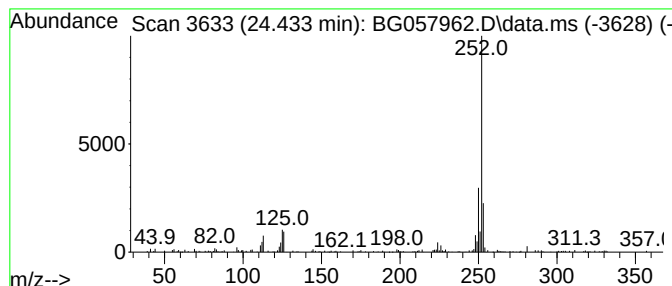
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Benzo[e]pyrene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.433	2.65 ng/ul	140571	Perylene-d12	24.727

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	95
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3			Benzo[e]pyrene	252	C20H12	000192-97-2	93
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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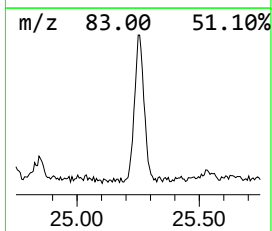
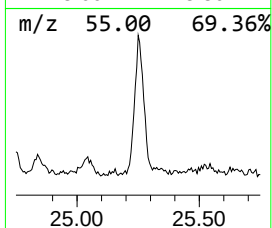
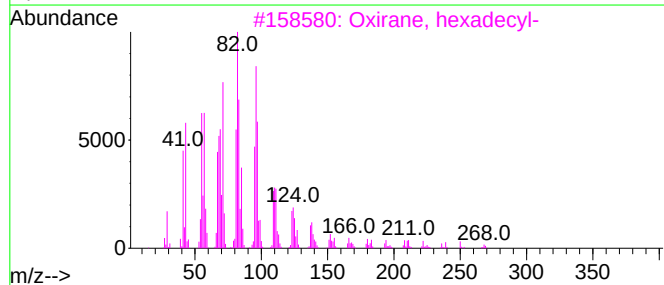
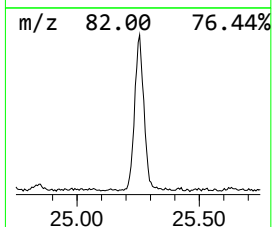
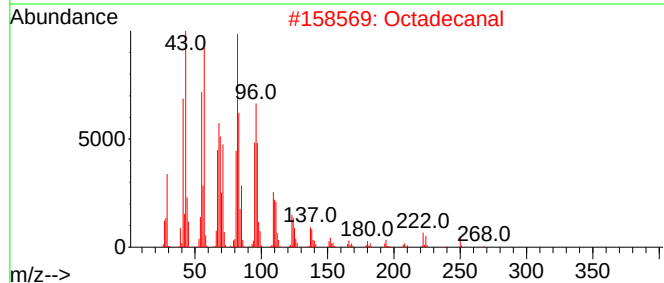
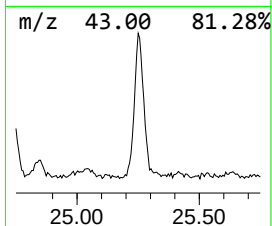
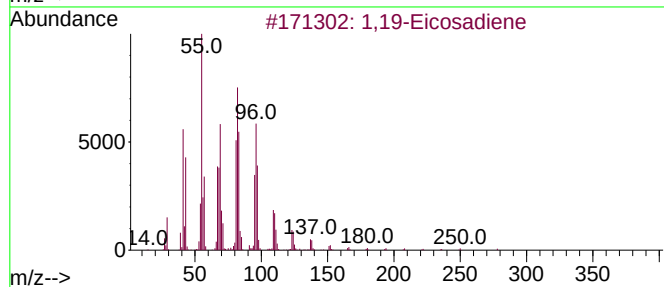
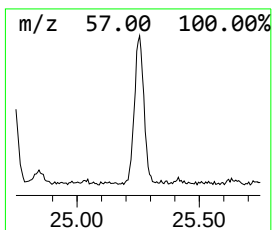
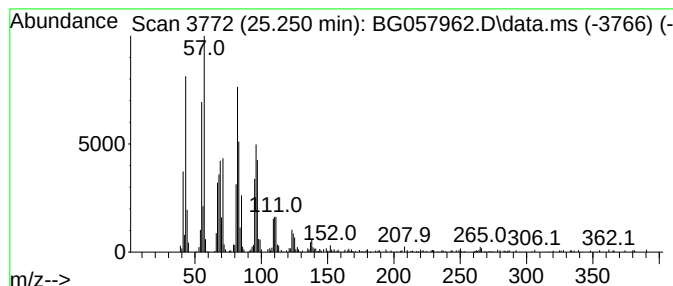
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 1,19-Eicosadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.250	13.42 ng/ul	712144	Perylene-d12	24.727

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene			278	C20H38	014811-95-1	95
2	Octadecanal			268	C18H36O	000638-66-4	93
3	Oxirane, hexadecyl-			268	C18H36O	007390-81-0	91
4	Oxirane, hexadecyl-			268	C18H36O	007390-81-0	91
5	Octacosanal			408	C28H56O	022725-64-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
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Misc :
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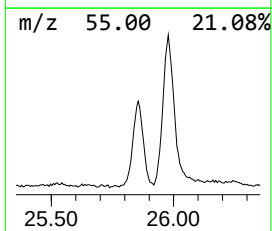
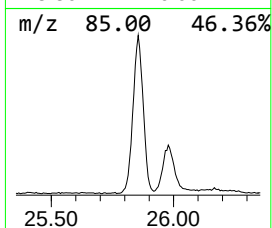
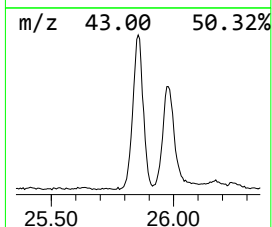
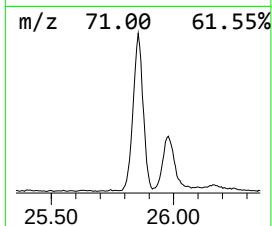
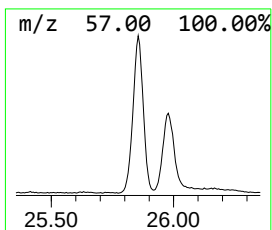
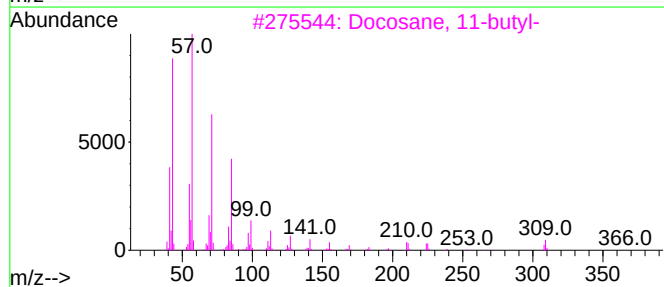
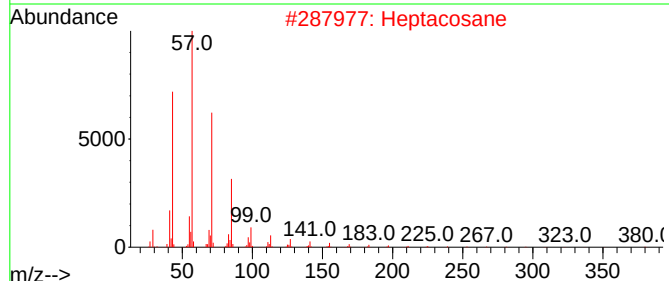
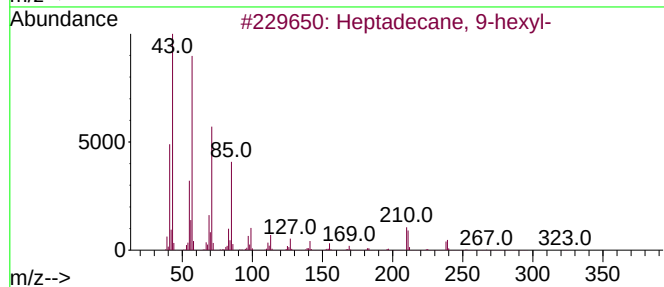
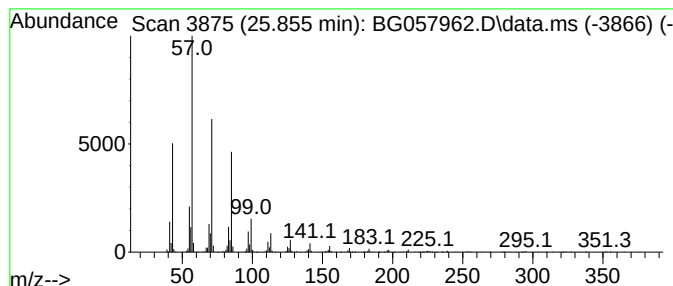
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.855	31.27 ng/ul	1659930	Perylene-d12	24.727

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2		Heptacosane	380	C27H56	000593-49-7	91
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGK5

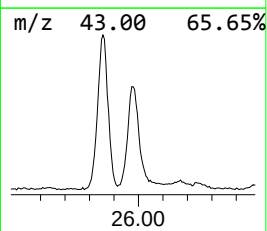
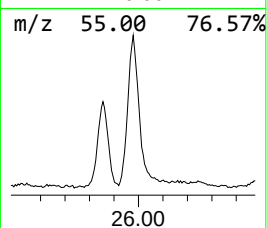
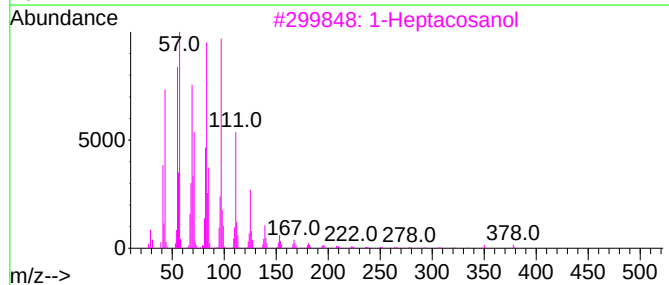
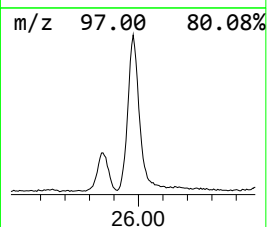
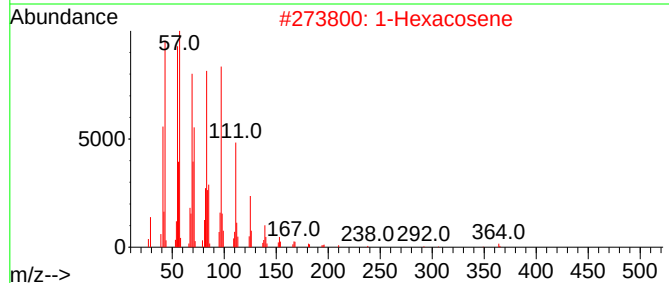
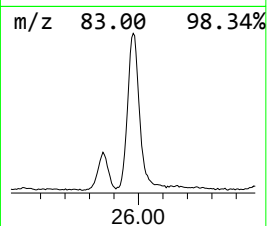
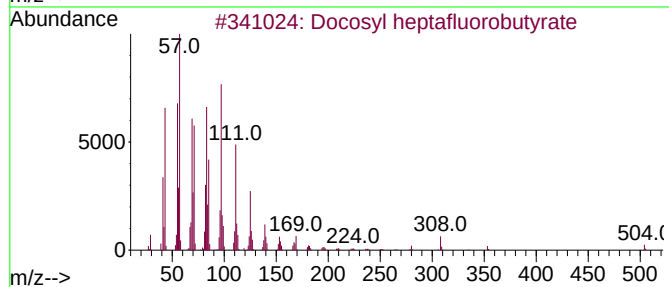
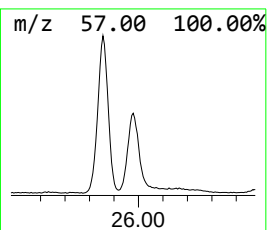
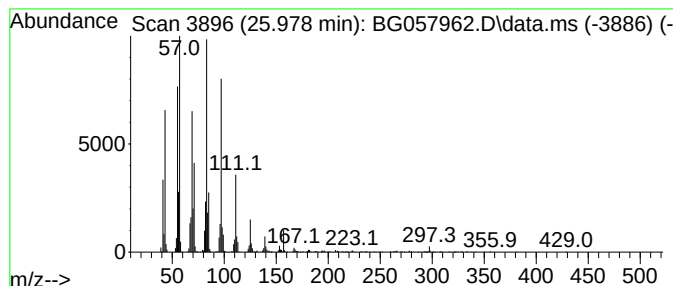
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Docosyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.978	35.92 ng/ul	1906900	Perylene-d12	24.727

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	64
2			1-Hexacosene	364	C26H52	018835-33-1	64
3			1-Heptacosanol	396	C27H56O	002004-39-9	60
4			Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	60
5			Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGK5

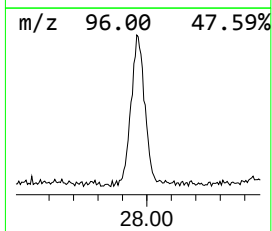
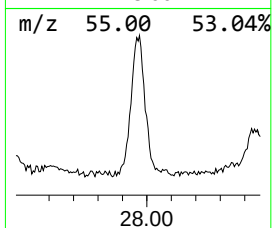
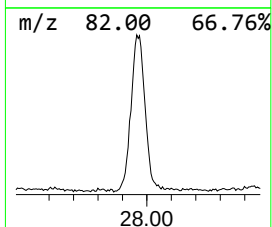
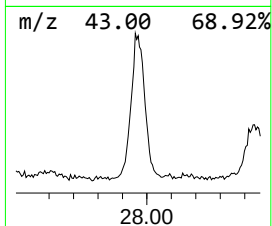
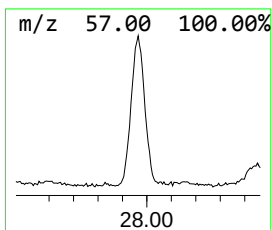
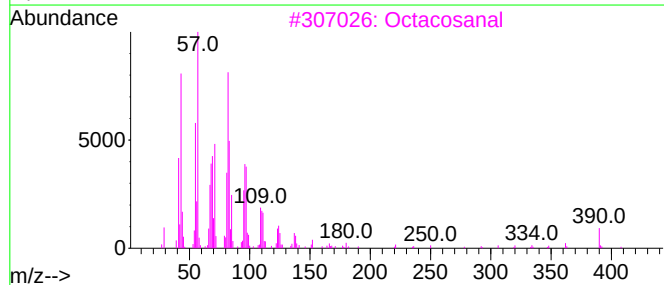
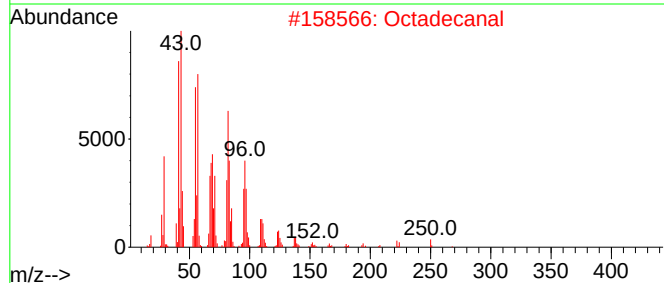
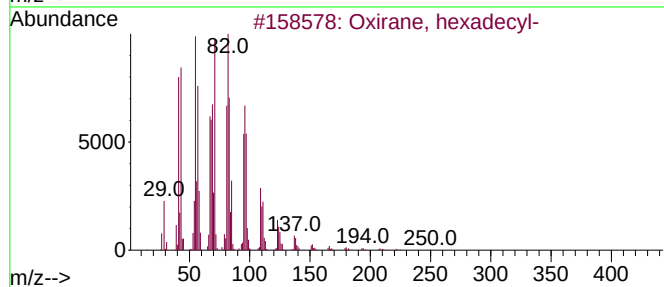
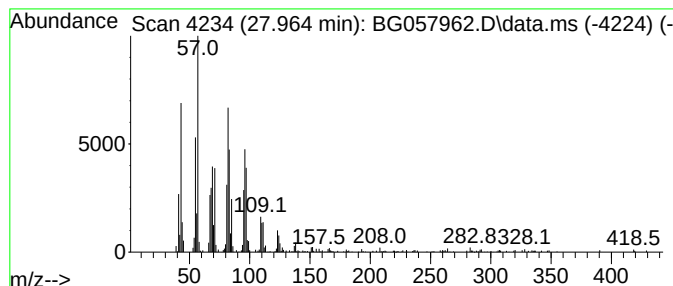
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.964	19.18 ng/ul	1018230	Perylene-d12	24.727

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2			Octadecanal	268	C18H36O	000638-66-4	90
3			Octacosanal	408	C28H56O	022725-64-0	87
4			Heptadecanal	254	C17H34O	1000376-70-0	86
5			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGK5

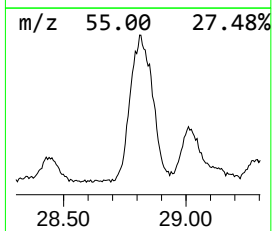
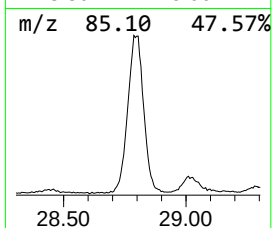
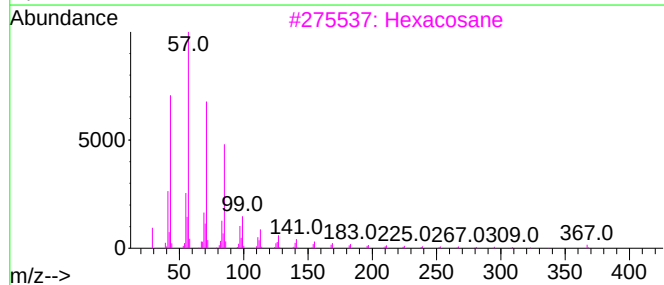
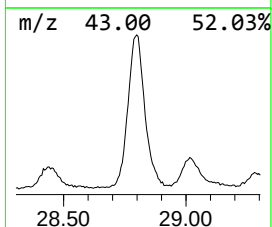
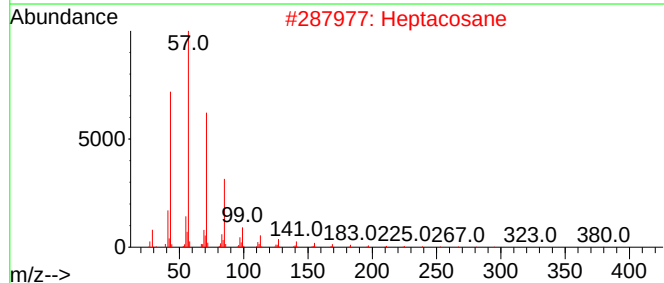
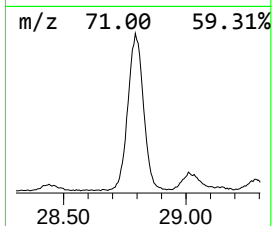
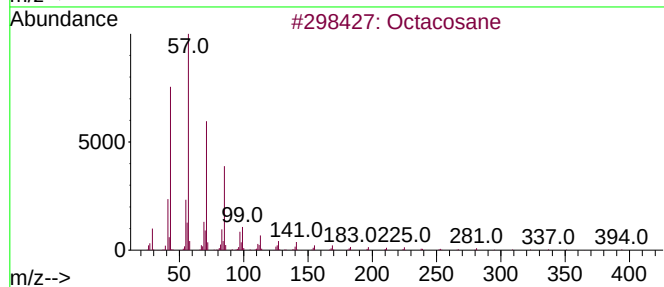
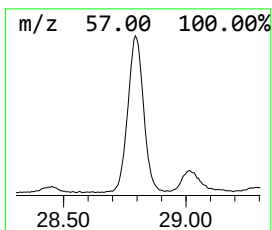
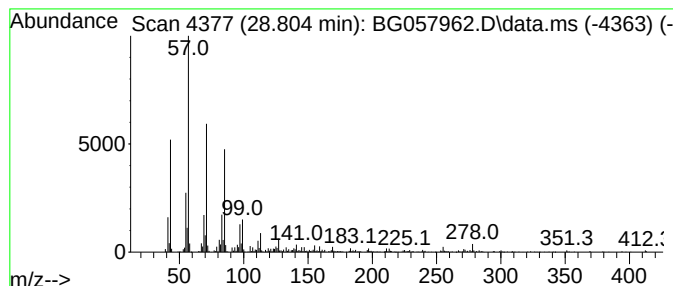
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.804	63.32 ng/ul	3361470	Perylene-d12	24.727

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	97
2		Heptacosane	380	C27H56	000593-49-7	93
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	87
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGK5

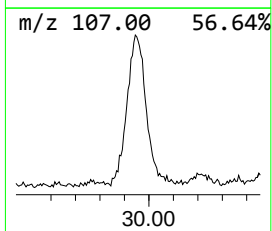
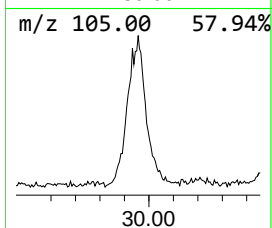
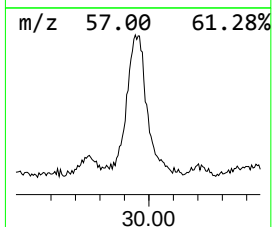
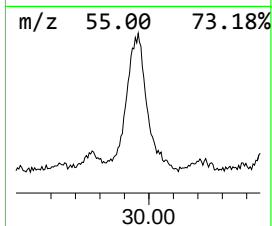
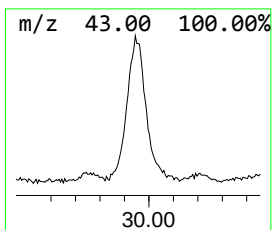
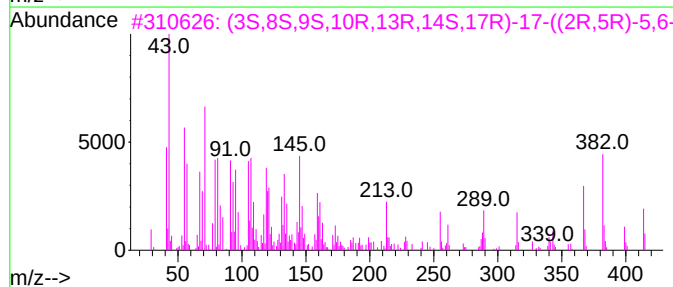
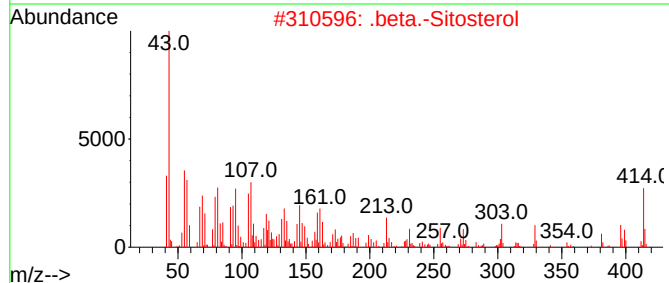
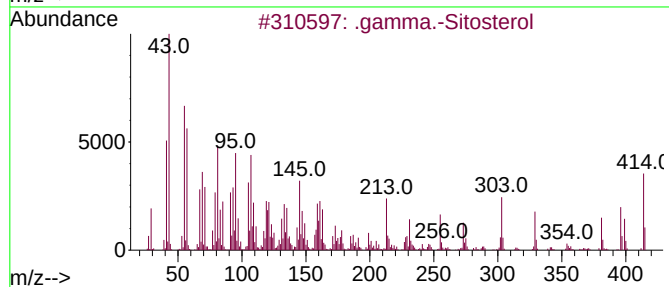
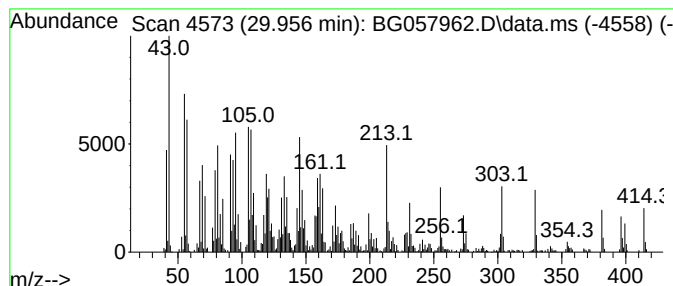
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.956	49.68 ng/ul	2636920	Perylene-d12	24.727

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2			.beta.-Sitosterol	414	C29H50O	000083-46-5	92
3			(3S,8S,9S,10R,13R,14S,17R)-17-((...)	414	C29H50O	029365-29-5	89
4			.beta.-Sitosterol	414	C29H50O	000083-46-5	60
5			Campesterol	400	C28H48O	000474-62-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057962.D
Acq On : 3 Jul 2023 19:48
Operator : CG/JU
Sample : 03246-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

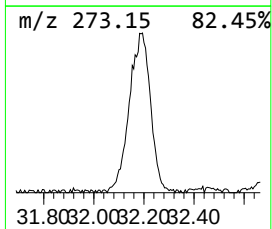
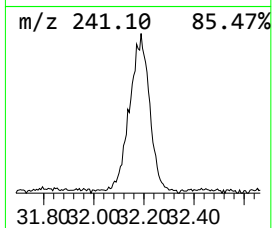
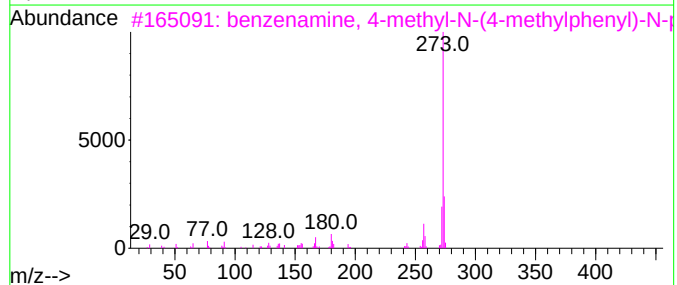
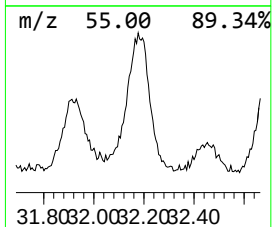
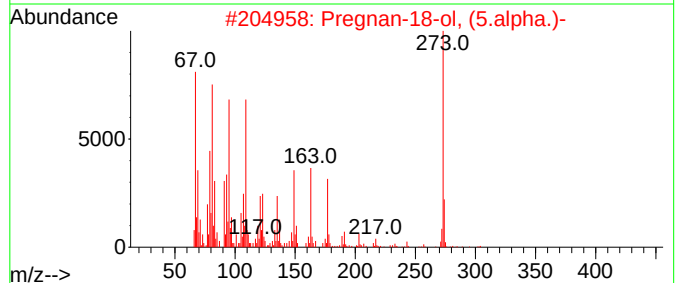
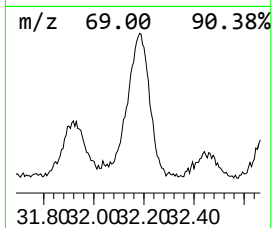
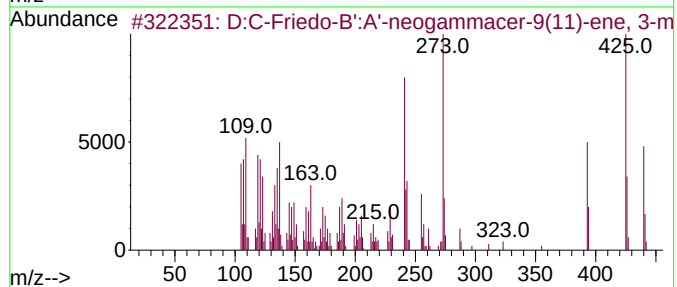
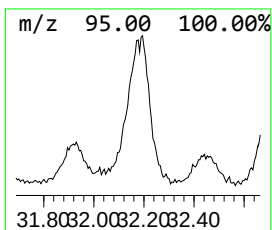
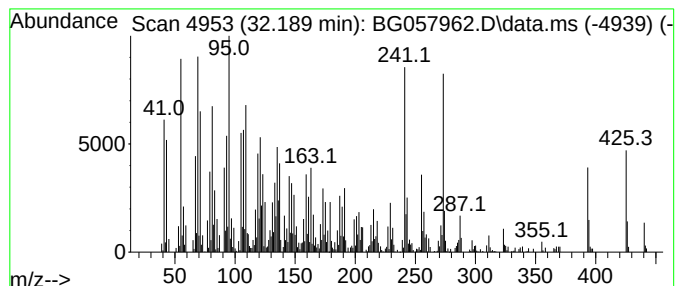
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 D:C-Friedo-B':A'-neogammace... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
32.189	57.55 ng/ul	3054720	Perylene-d12	24.727	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:C-Friedo-B':A'-neogammacer-9(1...	440	C31H52O	004555-56-0	93
2	Pregnan-18-ol, (5.alpha.)-	304	C21H36O	056053-09-9	27
3	benzenamine, 4-methyl-N-(4-methy...	273	C20H19N	1000401-78-6	25
4	Undec-10-ynoic acid, 2,7-dimethy...	316	C21H32O2	1000406-96-7	18
5	(2E)-3-[3-(Trifluoromethyl)pheny...	288	C13H15F3O2Si	1000472-29-4	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057962.D
 Acq On : 3 Jul 2023 19:48
 Operator : CG/JU
 Sample : 03246-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGK5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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.beta.-Pinene	7.376	31.7	ng/ul	390017	1	7.935	246393	20.0
unknown-01	10.038	6.0	ng/ul	130444	2	10.737	437605	20.0
(-)-.beta.-Bour...	13.458	7.2	ng/ul	222437	3	14.568	617508	20.0
Bicyclo[7.2.0]u...	13.892	4.4	ng/ul	135837	3	14.568	617508	20.0
.gamma.-Muurole...	14.409	2.4	ng/ul	72453	3	14.568	617508	20.0
(4S,4aR,6R)-4,4...	14.633	2.6	ng/ul	80878	3	14.568	617508	20.0
unknown-02	14.909	2.3	ng/ul	69813	3	14.568	617508	20.0
unknown-03	15.473	4.8	ng/ul	149553	3	14.568	617508	20.0
Benzophenone	15.919	8.7	ng/ul	269041	3	14.568	617508	20.0
unknown-04	16.131	2.1	ng/ul	81027	4	17.312	759729	20.0
(E)-Hexadec-9-e...	18.140	17.3	ng/ul	656106	4	17.312	759729	20.0
n-Hexadecanoic ...	18.205	47.8	ng/ul	1815450	4	17.312	759729	20.0
Phytol	19.210	4.3	ng/ul	161591	4	17.312	759729	20.0
unknown-05	19.245	2.5	ng/ul	95469	4	17.312	759729	20.0
unknown-06	19.427	3.6	ng/ul	137279	4	17.312	759729	20.0
Octadecanoic acid	19.474	9.0	ng/ul	498022	5	21.560	1103560	20.0
unknown-07	19.609	3.3	ng/ul	179321	5	21.560	1103560	20.0
4-(3-Fluoro-8-n...	19.850	4.2	ng/ul	231571	5	21.560	1103560	20.0
Benzenamine, 4-...	20.555	7.7	ng/ul	424977	5	21.560	1103560	20.0
Isopimaric acid	21.060	9.6	ng/ul	528671	5	21.560	1103560	20.0
(DEL) Alkane: S...	21.207	14.4	ng/ul	793106	5	21.560	1103560	20.0
3-Buten-2-one, ...	21.431	13.3	ng/ul	732903	5	21.560	1103560	20.0
Abietic acid	21.495	4.6	ng/ul	255733	5	21.560	1103560	20.0
(DEL) Alkane: S...	22.365	10.0	ng/ul	552231	5	21.560	1103560	20.0
Octadecanal	23.369	10.3	ng/ul	545943	6	24.727	1061660	20.0
(DEL) Alkane: C...	23.875	16.8	ng/ul	893333	6	24.727	1061660	20.0
Benzo[e]pyrene	24.433	2.6	ng/ul	140571	6	24.727	1061660	20.0
1,19-Eicosadiene	25.250	13.4	ng/ul	712144	6	24.727	1061660	20.0
(DEL) Alkane: S...	25.855	31.3	ng/ul	1659930	6	24.727	1061660	20.0
Docosyl heptafl...	25.978	35.9	ng/ul	1906900	6	24.727	1061660	20.0
Oxirane, hexade...	27.964	19.2	ng/ul	1018230	6	24.727	1061660	20.0
(DEL) Alkane: S...	28.804	63.3	ng/ul	3361470	6	24.727	1061660	20.0
.gamma.-Sitosterol	29.956	49.7	ng/ul	2636920	6	24.727	1061660	20.0
D:C-Friedo-B':A...	32.189	57.5	ng/ul	3054720	6	24.727	1061660	20.0