

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046408.D
 Acq On : 21 Aug 2020 11:20
 Operator : CG/JU
 Sample : L3635-11
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMH7

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	5	9	27	rVB	1667268	2653489	100.00%	7.287%
2	3.398	49	53	60	rBV	13908	21017	0.79%	0.058%
3	3.916	136	141	149	rBV	46007	66788	2.52%	0.183%
4	4.051	159	164	171	rVB	18184	29173	1.10%	0.080%
5	5.050	327	334	340	rBV	14626	21317	0.80%	0.059%
6	7.112	677	685	698	rBV	253472	454554	17.13%	1.248%
7	7.265	705	711	722	rBV	204879	354637	13.36%	0.974%
8	7.476	739	747	757	rBV	275913	475946	17.94%	1.307%
9	7.940	819	826	836	rBV	323879	528984	19.94%	1.453%
10	8.651	940	947	958	rBV	283761	504174	19.00%	1.385%
11	9.092	1014	1022	1033	rBV	256174	459769	17.33%	1.263%
12	9.815	1138	1145	1159	rVB	219685	393027	14.81%	1.079%
13	10.361	1230	1238	1249	rBV	344829	622992	23.48%	1.711%
14	10.737	1294	1302	1309	rBV	455884	791018	29.81%	2.172%
15	10.866	1317	1324	1337	rBV	178534	356816	13.45%	0.980%
16	13.892	1834	1839	1844	rBV3	10955	17860	0.67%	0.049%
17	13.974	1844	1853	1857	rVV	627780	934335	35.21%	2.566%
18	14.021	1857	1861	1866	rVV	111051	160496	6.05%	0.441%
19	14.262	1895	1902	1919	rVB	730669	1197597	45.13%	3.289%
20	14.568	1946	1954	1961	rBV2	723683	1132238	42.67%	3.109%
21	14.632	1961	1965	1971	rVB2	13180	22521	0.85%	0.062%
22	14.773	1981	1989	2001	rBV	108195	218331	8.23%	0.600%
23	14.914	2009	2013	2017	rVV7	10082	19114	0.72%	0.052%
24	14.967	2017	2022	2031	rVV2	17291	36056	1.36%	0.099%
25	15.561	2115	2123	2129	rBV	973546	1486776	56.03%	4.083%
26	15.614	2129	2132	2138	rVB3	24770	33972	1.28%	0.093%
27	15.678	2138	2143	2150	rBV2	136891	209041	7.88%	0.574%
28	15.796	2157	2163	2167	rBV4	11102	19313	0.73%	0.053%
29	15.913	2178	2183	2190	rVB3	13088	26522	1.00%	0.073%
30	16.060	2202	2208	2216	rVB2	11611	27269	1.03%	0.075%
31	16.289	2242	2247	2254	rBV6	14868	30726	1.16%	0.084%
32	16.853	2335	2343	2346	rBV4	17790	30654	1.16%	0.084%
33	16.965	2357	2362	2370	rVB	31058	55952	2.11%	0.154%
34	17.041	2370	2375	2377	rBV3	13063	20194	0.76%	0.055%

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35	17.135	2387	2391	2399	rVB	15894	29069	1.10%	0.080%
36	17.212	2399	2404	2411	rBV9	8770	17253	0.65%	0.047%
37	17.312	2413	2421	2425	rBV	889869	1340887	50.53%	3.682%
38	17.353	2425	2428	2433	rVV	326726	467572	17.62%	1.284%
39	17.411	2433	2438	2450	rVB	959459	1487043	56.04%	4.084%
40	17.500	2450	2453	2458	rVB6	11880	19192	0.72%	0.053%
41	17.629	2472	2475	2481	rVB6	12111	19038	0.72%	0.052%
42	17.711	2481	2489	2494	rBV	27078	59677	2.25%	0.164%
43	17.829	2504	2509	2514	rVB2	18089	29288	1.10%	0.080%
44	17.893	2516	2520	2524	rBV4	15909	20242	0.76%	0.056%
45	17.993	2532	2537	2540	rBV6	17062	22636	0.85%	0.062%
46	18.111	2553	2557	2561	rVB3	10951	16455	0.62%	0.045%
47	18.187	2565	2570	2575	rVV	74242	163256	6.15%	0.448%
48	18.234	2575	2578	2583	rVV	112005	169018	6.37%	0.464%
49	18.275	2583	2585	2588	rVV	14048	16986	0.64%	0.047%
50	18.310	2588	2591	2597	rVV	21931	39436	1.49%	0.108%
51	18.381	2597	2603	2607	rVV2	93579	179026	6.75%	0.492%
52	18.416	2607	2609	2616	rVB	60403	77979	2.94%	0.214%
53	18.510	2618	2625	2627	rBV7	22793	46122	1.74%	0.127%
54	18.540	2627	2630	2634	rVB5	19299	25387	0.96%	0.070%
55	18.686	2648	2655	2658	rVV2	66882	118868	4.48%	0.326%
56	18.722	2658	2661	2667	rVB	78749	107590	4.05%	0.295%
57	18.933	2693	2697	2701	rVB2	61020	76911	2.90%	0.211%
58	18.980	2703	2705	2708	rVV	20793	24116	0.91%	0.066%
59	19.015	2709	2711	2715	rVB3	19727	23180	0.87%	0.064%
60	19.104	2722	2726	2730	rBV	71962	110129	4.15%	0.302%
61	19.157	2730	2735	2738	rVV3	28523	62526	2.36%	0.172%
62	19.192	2739	2741	2745	rVV	28238	36697	1.38%	0.101%
63	19.239	2745	2749	2756	rVB	73529	131392	4.95%	0.361%
64	19.362	2763	2770	2776	rVB	794655	1131255	42.63%	3.107%
65	19.427	2777	2781	2784	rBV2	34748	47809	1.80%	0.131%
66	19.462	2784	2787	2791	rVB4	25739	33763	1.27%	0.093%
67	19.515	2792	2796	2799	rBV	31110	43556	1.64%	0.120%
68	19.556	2800	2803	2807	rBV3	28899	40521	1.53%	0.111%
69	19.697	2821	2827	2830	rBV	1313728	2034698	76.68%	5.588%
70	19.726	2830	2832	2840	rVB	766164	870838	32.82%	2.392%
71	19.797	2840	2844	2848	rBV2	43961	70552	2.66%	0.194%

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72	19.903	2857	2862	2868	rBV	46454	87313	3.29%	0.240%
73	19.956	2869	2871	2876	rVB3	27147	40045	1.51%	0.110%
74	20.050	2882	2887	2893	rBV4	77440	195525	7.37%	0.537%
75	20.102	2894	2896	2899	rVB4	26651	27006	1.02%	0.074%
76	20.138	2899	2902	2905	rBV	33802	39314	1.48%	0.108%
77	20.179	2906	2909	2910	rVV2	49731	50705	1.91%	0.139%
78	20.214	2912	2915	2919	rVB	102058	144375	5.44%	0.396%
79	20.314	2929	2932	2936	rBV2	45507	55978	2.11%	0.154%
80	20.373	2936	2942	2947	rBV2	102089	208624	7.86%	0.573%
81	20.514	2963	2966	2970	rBV	55588	73834	2.78%	0.203%
82	20.561	2971	2974	2978	rVB	62880	80016	3.02%	0.220%
83	20.966	3040	3043	3051	rVB	122377	192479	7.25%	0.529%
84	21.148	3068	3074	3078	rBV2	63133	148105	5.58%	0.407%
85	21.189	3078	3081	3083	rVV	74788	100192	3.78%	0.275%
86	21.225	3083	3087	3095	rVV3	464637	789075	29.74%	2.167%
87	21.295	3095	3099	3106	rVB	112845	184557	6.96%	0.507%
88	21.560	3136	3144	3149	rBV3	1002257	2235725	84.26%	6.140%
89	21.607	3149	3152	3161	rVB	397591	596367	22.47%	1.638%
90	22.365	3275	3281	3296	rVB5	170229	533970	20.12%	1.466%
91	23.363	3446	3451	3461	rVB2	197617	392889	14.81%	1.079%
92	23.692	3499	3507	3514	rBV2	318304	1018937	38.40%	2.798%
93	23.810	3522	3527	3531	rBV	238177	432165	16.29%	1.187%
94	23.863	3531	3536	3545	rVB2	351986	701386	26.43%	1.926%
95	24.386	3619	3625	3630	rBV	161493	380563	14.34%	1.045%
96	24.462	3630	3638	3644	rVV	570697	1526668	57.53%	4.193%
97	24.527	3645	3649	3662	rVB	259991	617110	23.26%	1.695%
98	24.674	3666	3674	3693	rBV	529571	1623409	61.18%	4.458%
99	25.808	3860	3867	3879	rVB2	346370	986233	37.17%	2.708%
100	25.925	3881	3887	3897	rVV3	110288	327777	12.35%	0.900%

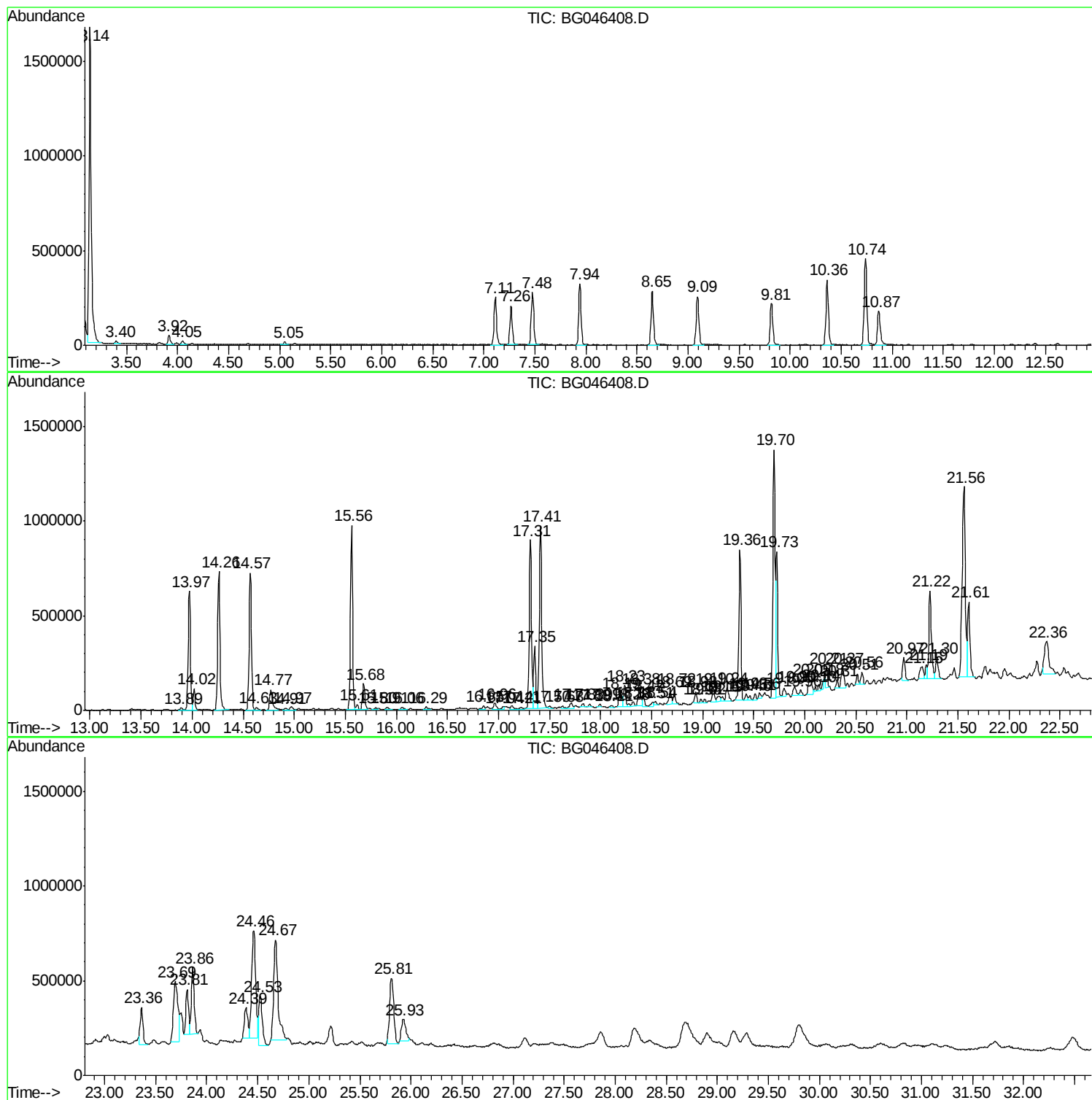
Sum of corrected areas: 36412973

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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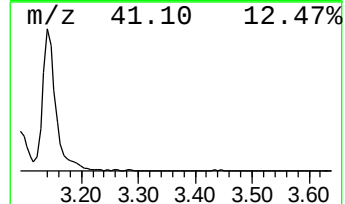
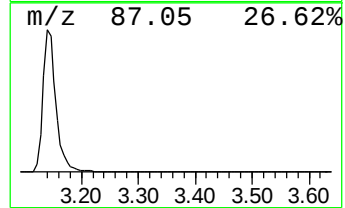
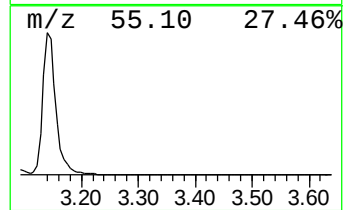
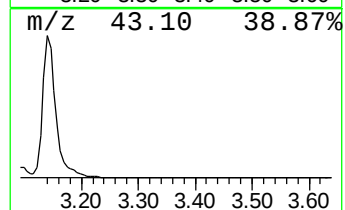
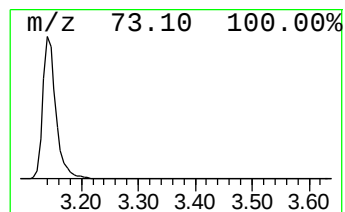
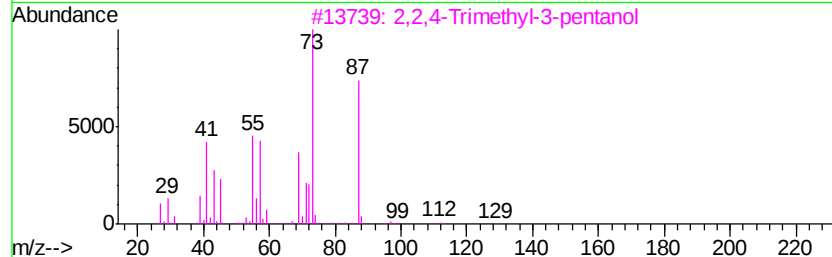
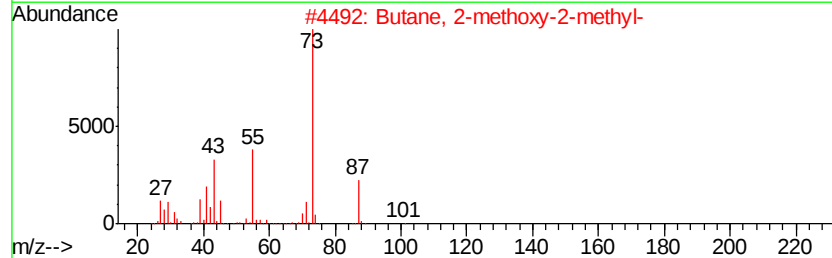
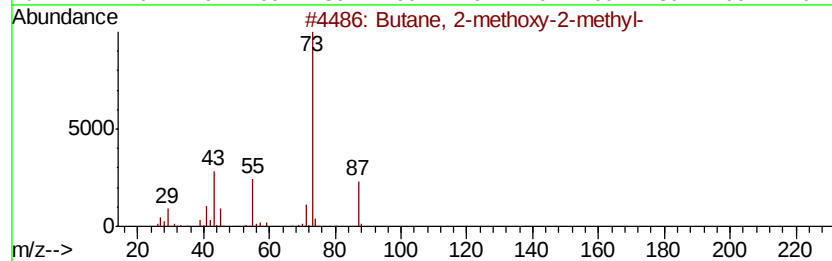
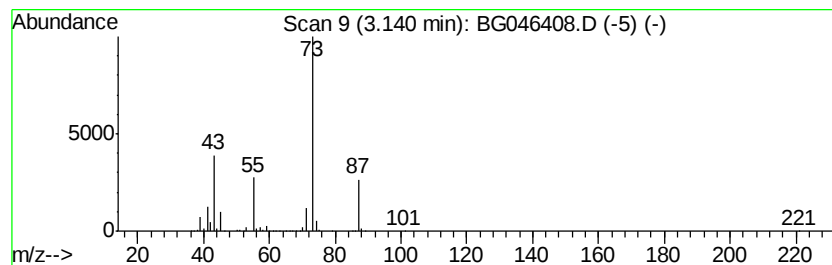
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	100.32 ng/ul	2653490	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38



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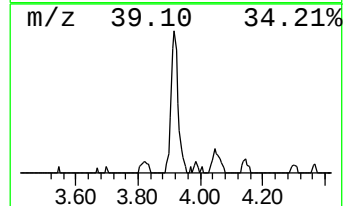
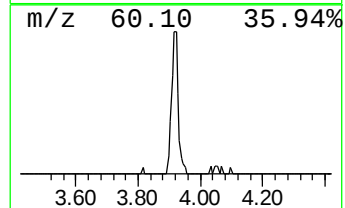
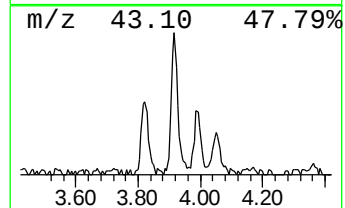
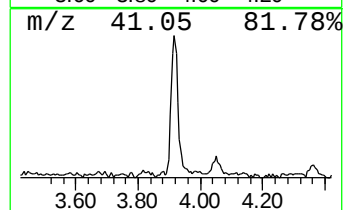
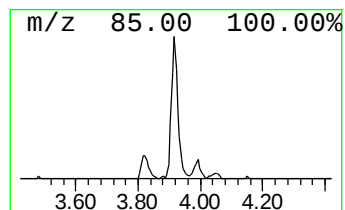
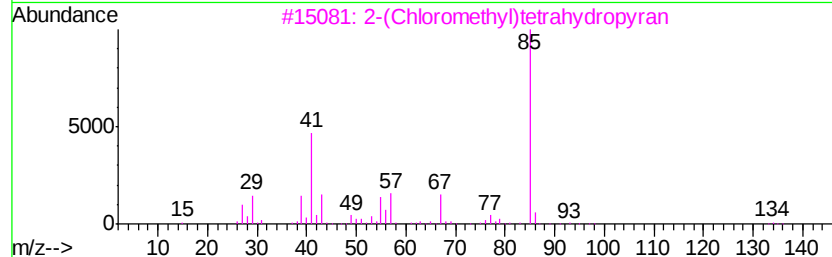
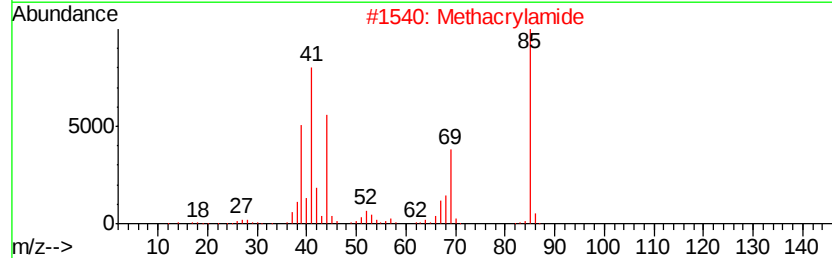
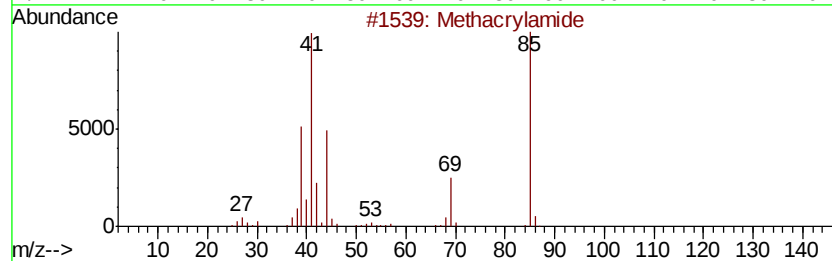
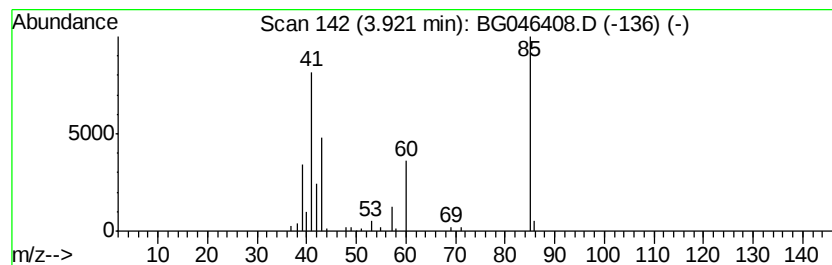
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Methacrylamide Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	2.53 ng/ul	66788	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methacrylamide	85	C4H7NO	000079-39-0	52
2		Methacrylamide	85	C4H7NO	000079-39-0	40
3		2-(Chloromethyl)tetrahydrofuran	134	C6H11ClO	018420-41-2	36
4		Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
5		2-Furanmethanol, tetrahydro-5-me...	116	C6H12O2	054774-28-6	33



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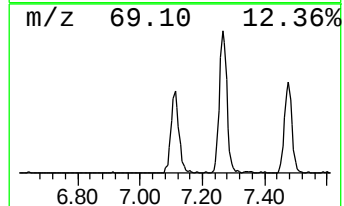
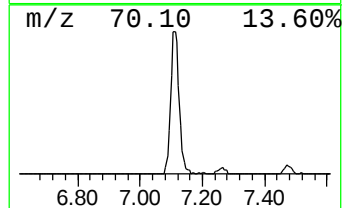
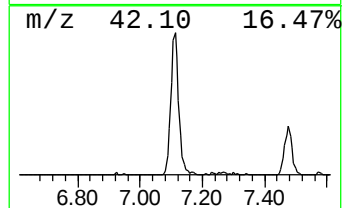
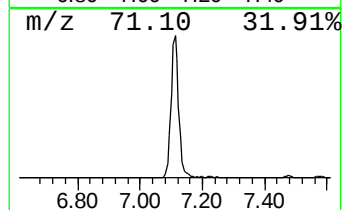
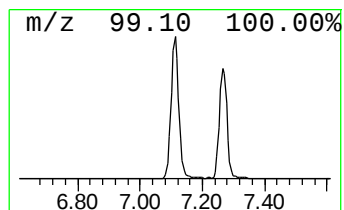
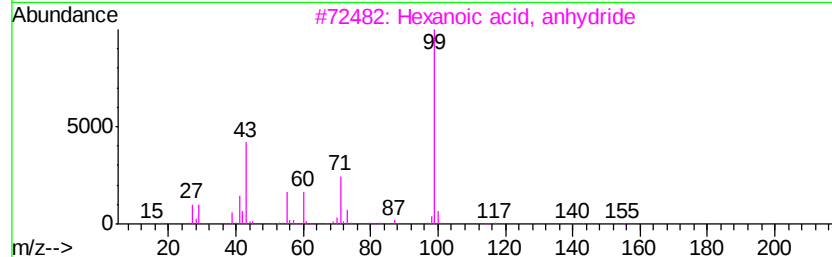
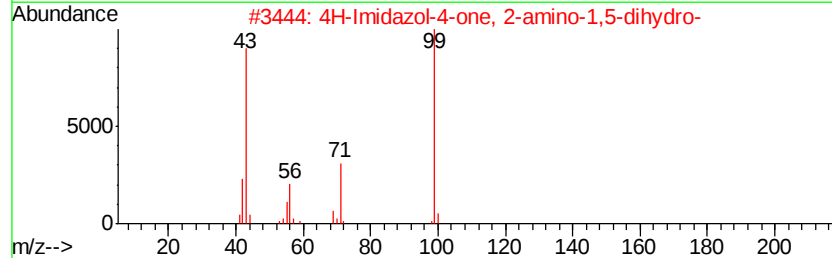
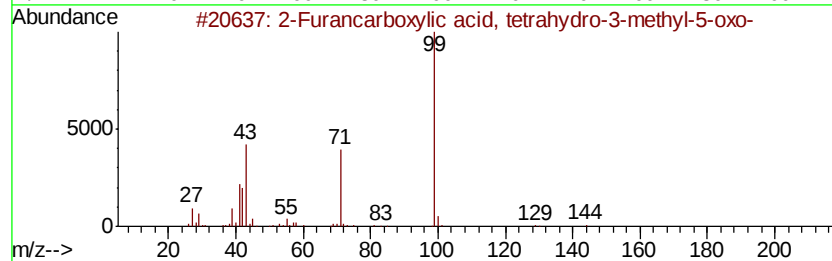
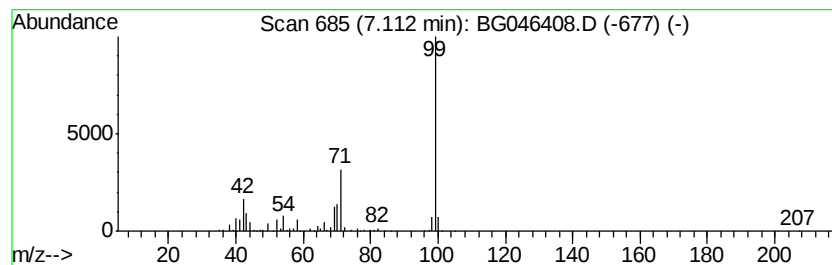
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Furancarboxylic acid, tet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	17.19 ng/ul	454554	1,4-Dichlorobenzene-d4	7.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	59
2		4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	59
3		Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	45
4		Phenol-d6-	100	C6D6O	013127-88-3	40
5		n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	38



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Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
Operator : CG/JU
Sample : L3635-11
Misc :
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Instrument :
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ClientSampleId :
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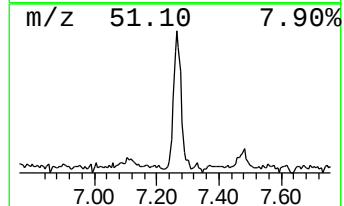
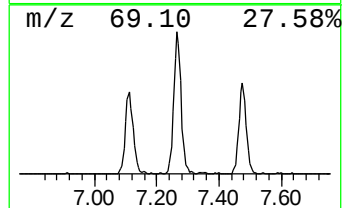
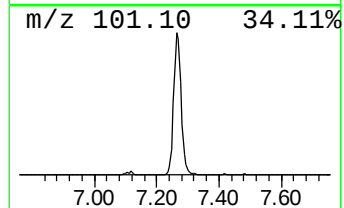
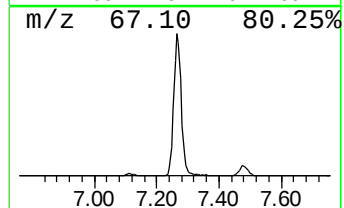
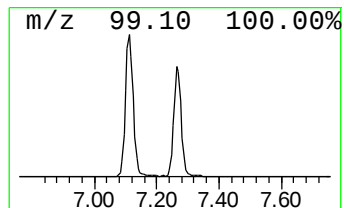
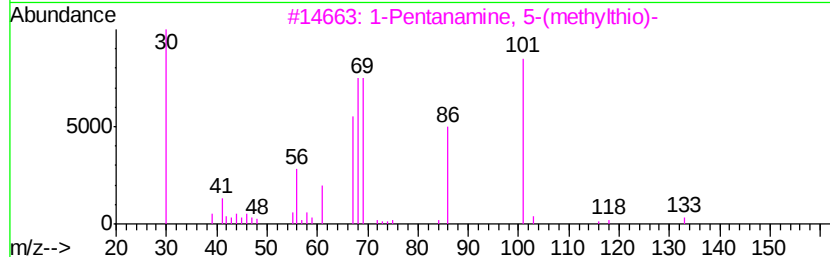
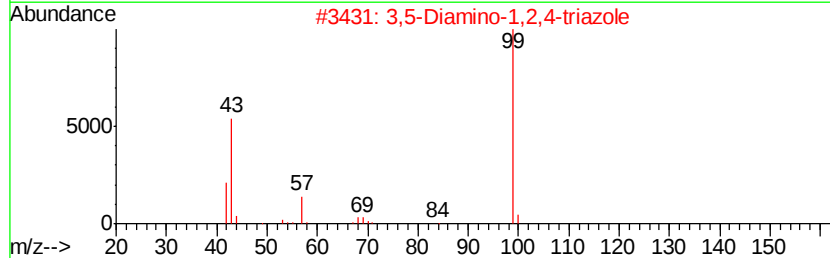
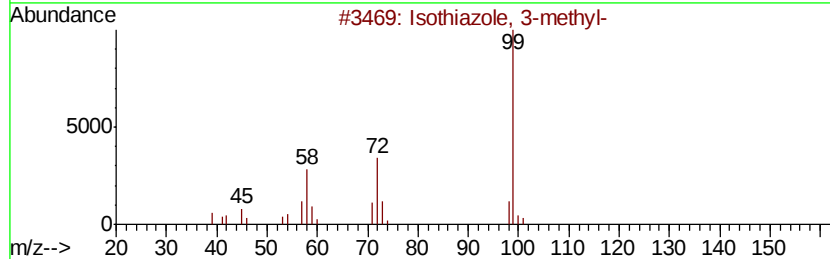
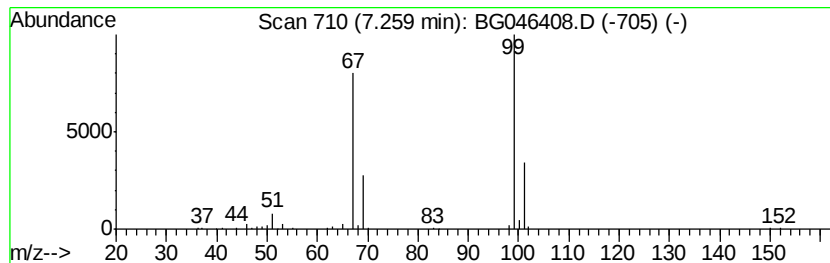
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	13.41 ng/ul	354637	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2		3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3		1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
4		1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
5		Propanedinitrile, dichloro-	134	C3Cl2N2	013063-43-9	9



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ClientSampleId :
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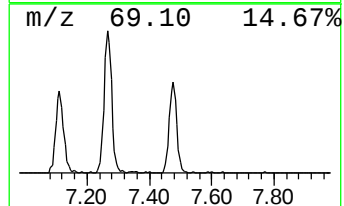
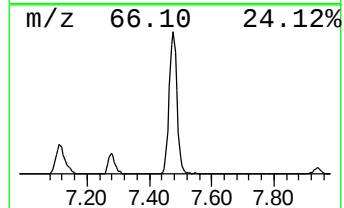
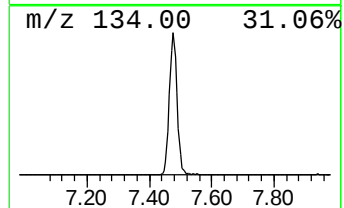
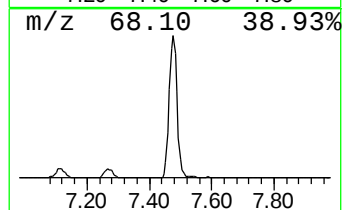
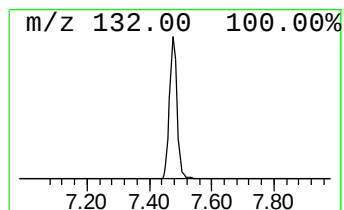
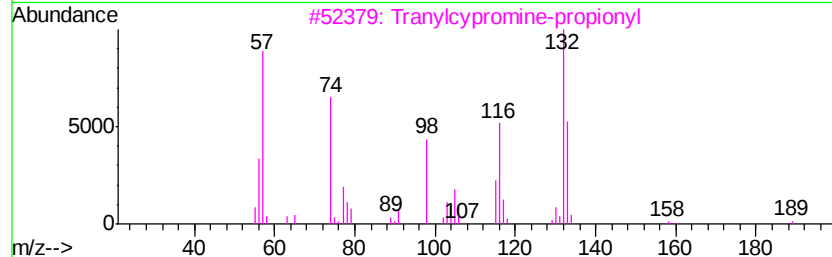
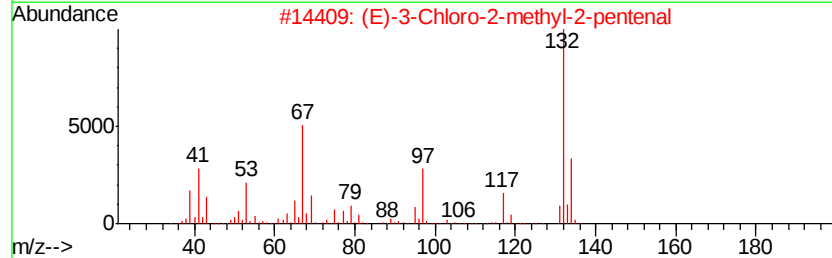
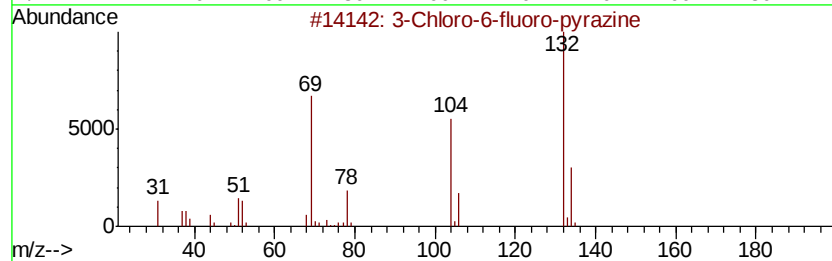
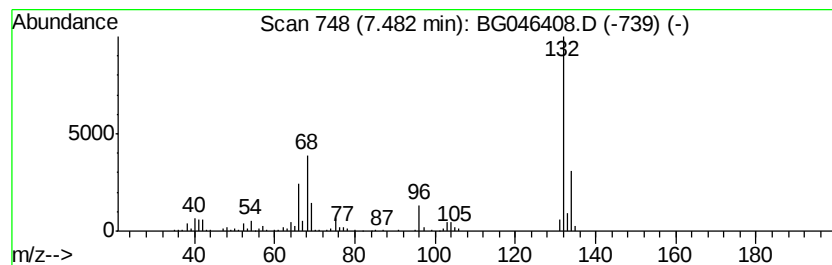
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	17.99 ng/ul	475946	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcyproamine-propionyl	189	C12H15NO	1000123-86-3	16
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5		Xenon	132	Xe	007440-63-3	9



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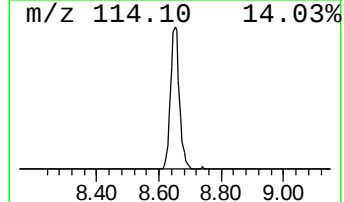
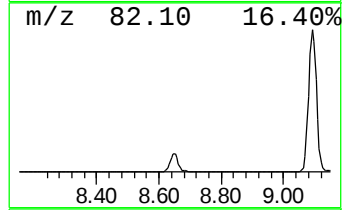
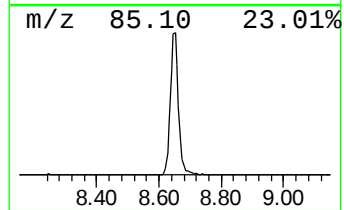
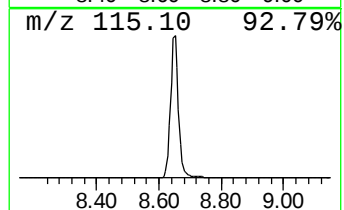
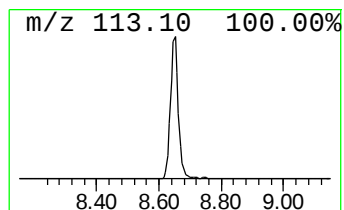
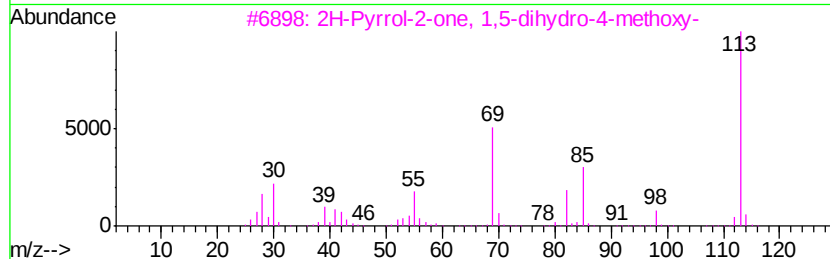
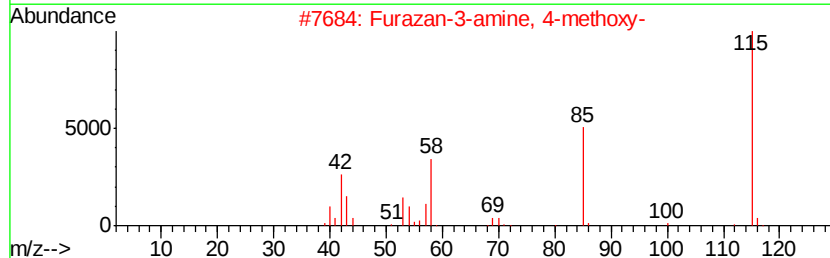
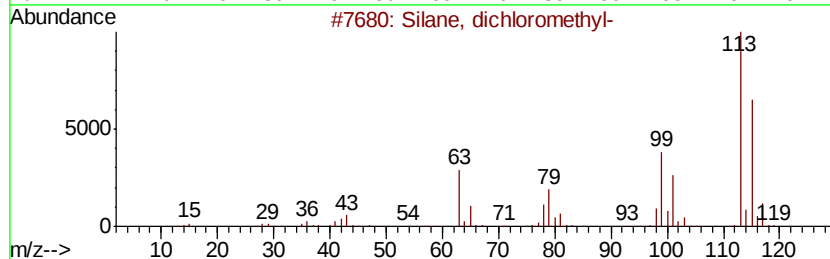
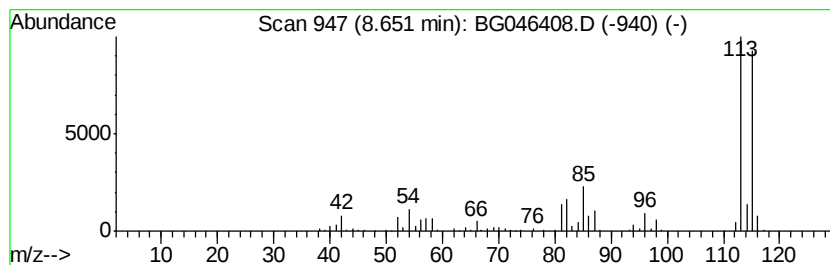
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	19.06 ng/ul	504174	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2		Furazan-3-amine, 4-methoxy-	115	C3H5N3O2	078350-48-8	35
3		2H-Pyrrol-2-one, 1,5-dihydro-4-methoxy-	113	C5H7NO2	069778-83-2	32
4		Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	27
5		Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	27



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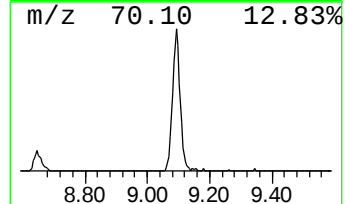
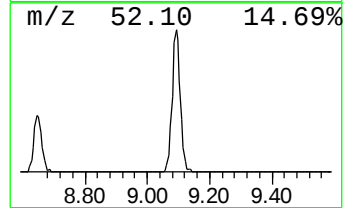
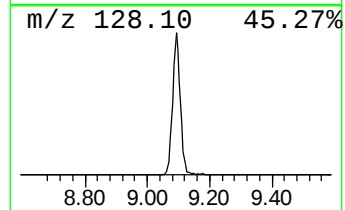
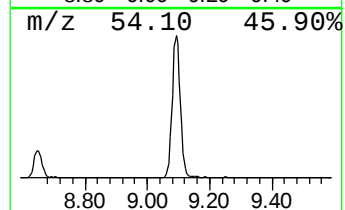
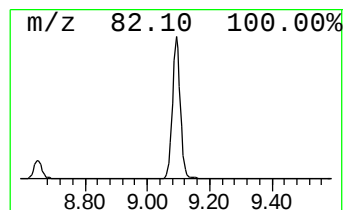
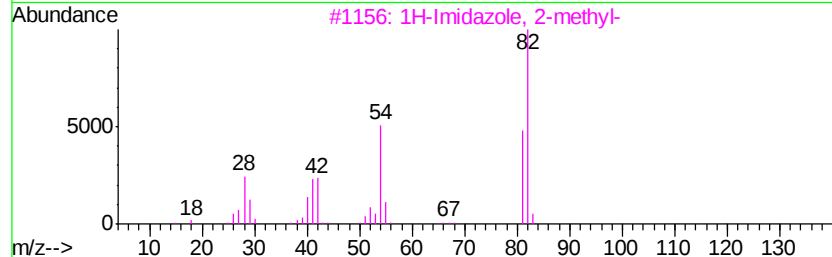
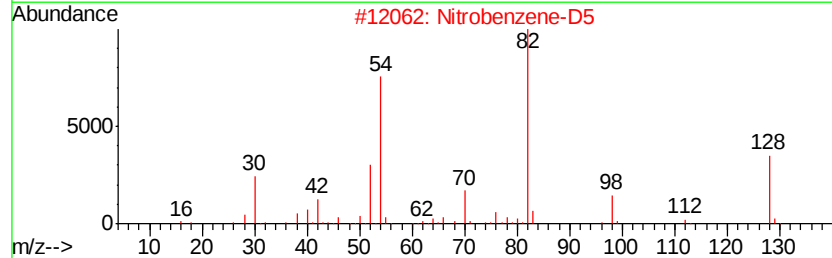
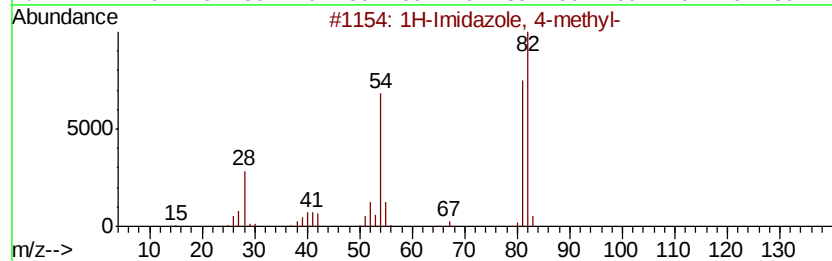
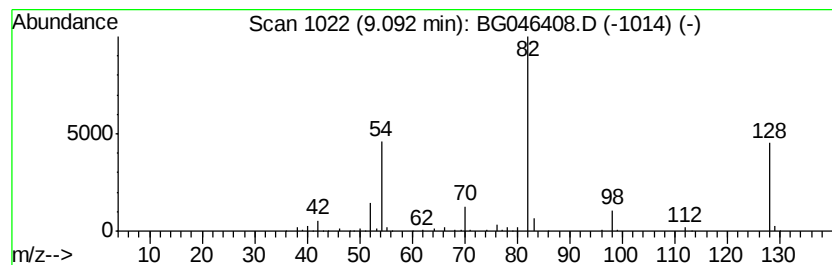
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	17.38 ng/ul	459769	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
2		Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
3		1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	40
4		1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	40
5		Nitrobenzene-D5	128	C6D5NO2	004165-60-0	12



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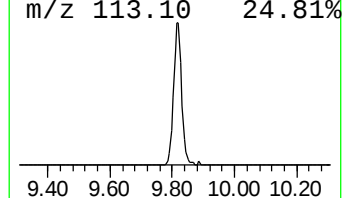
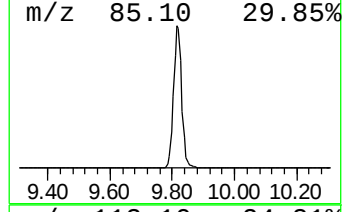
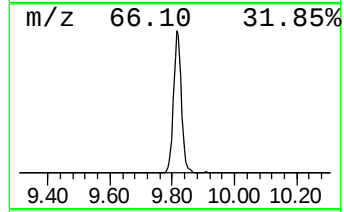
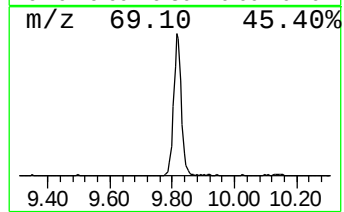
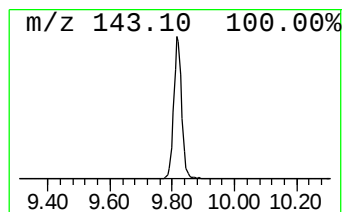
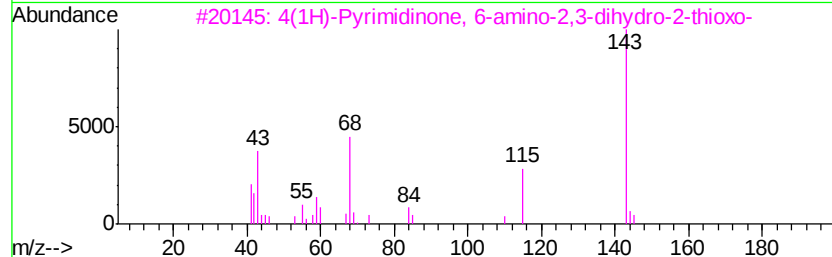
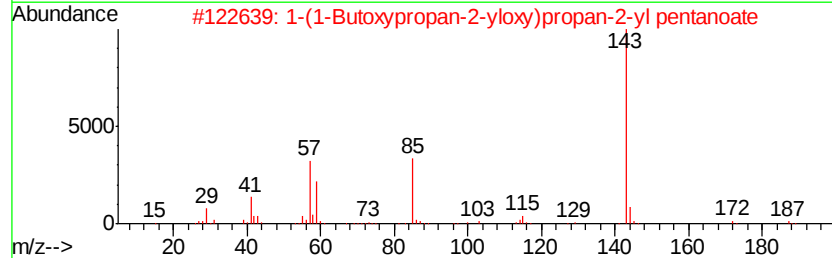
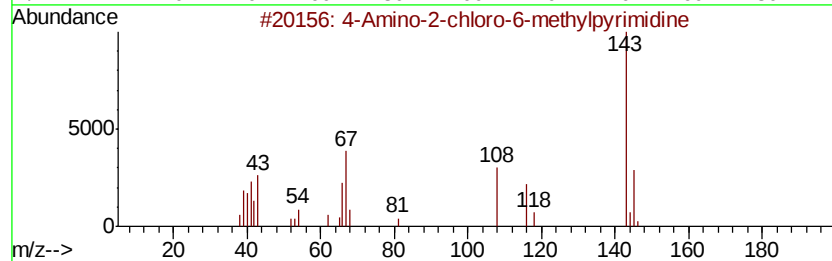
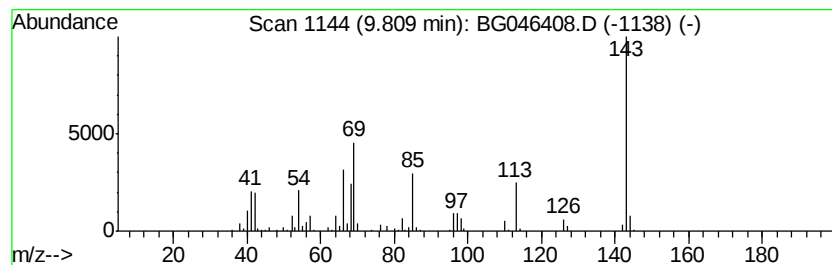
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 8 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	9.94 ng/ul	393027	Naphthalene-d8	10.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	25
2		1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	12
3		4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3O5	001004-40-6	9
4		Phenol, 3-amino-2-chloro-	143	C6H6ClNO	056962-01-7	9
5		Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	9



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Acq On : 21 Aug 2020 11:20
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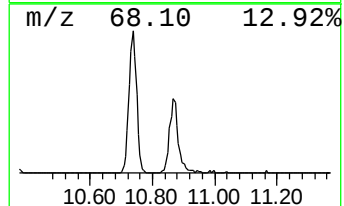
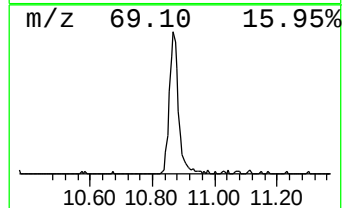
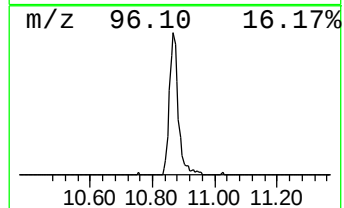
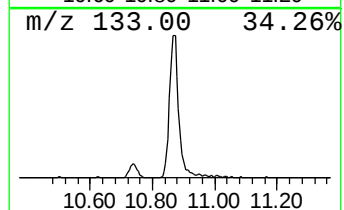
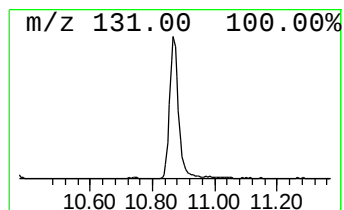
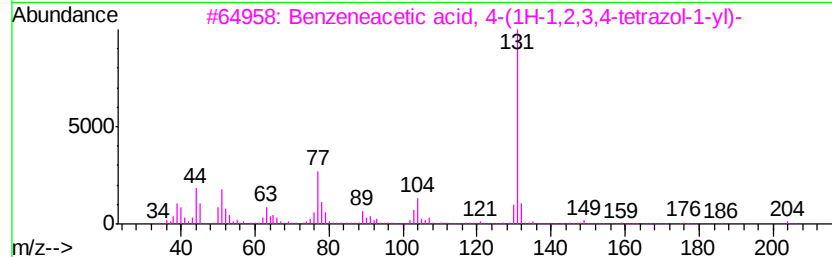
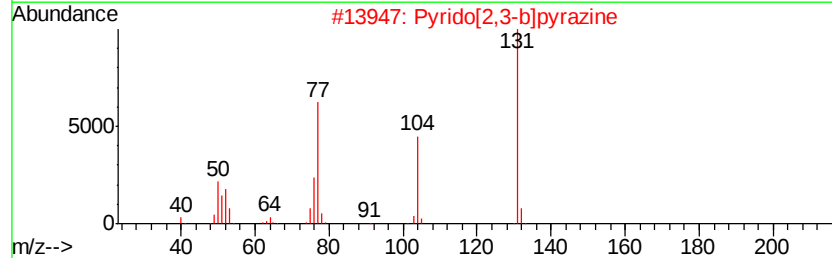
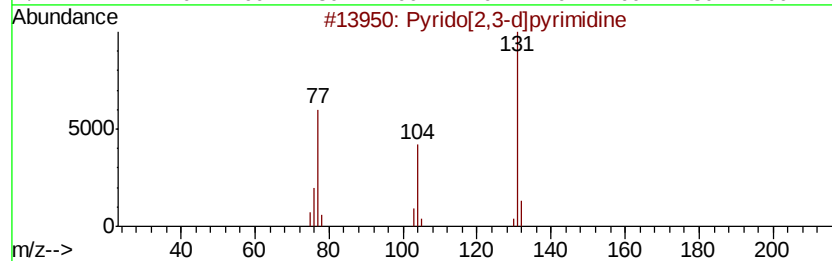
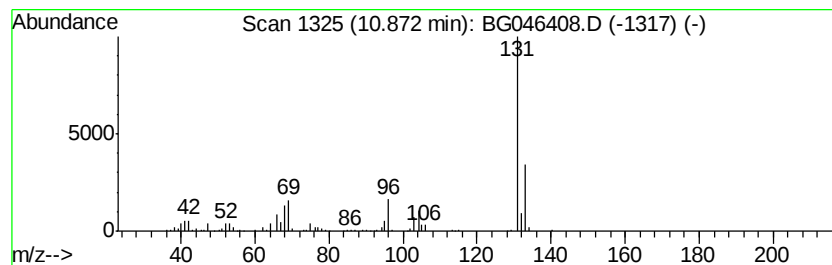
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	9.02 ng/ul	356816	Naphthalene-d8	10.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	40
2		Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
3		Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
4		1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	25
5		Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Acq On : 21 Aug 2020 11:20
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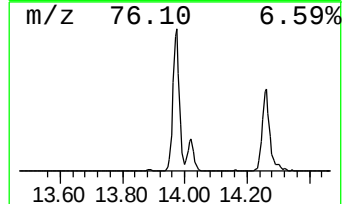
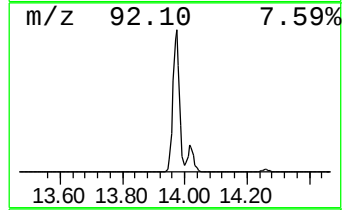
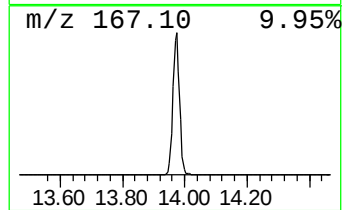
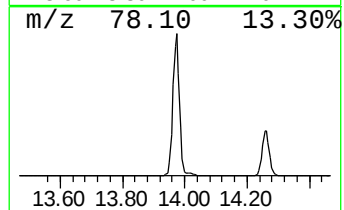
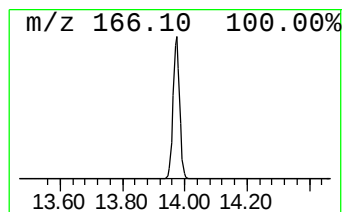
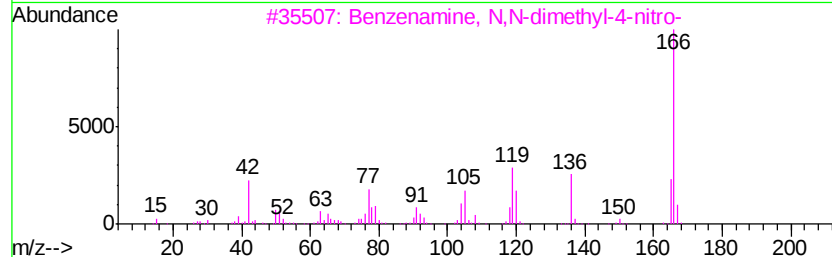
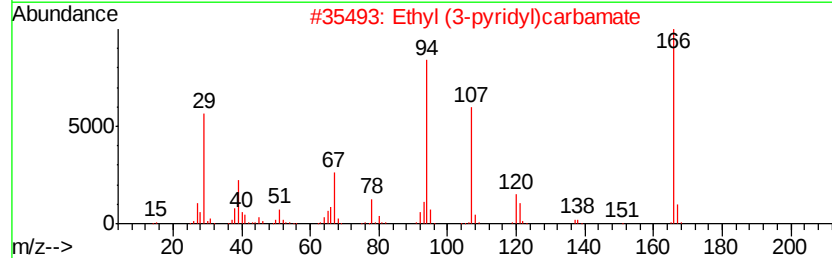
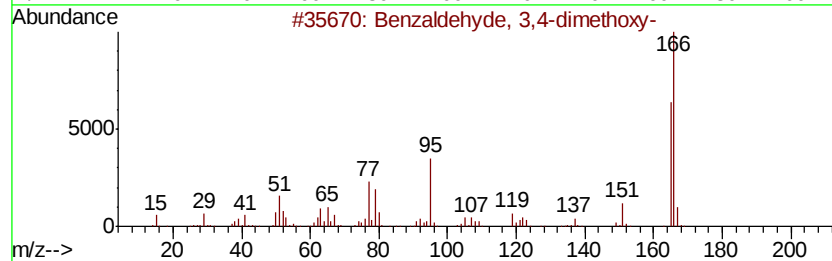
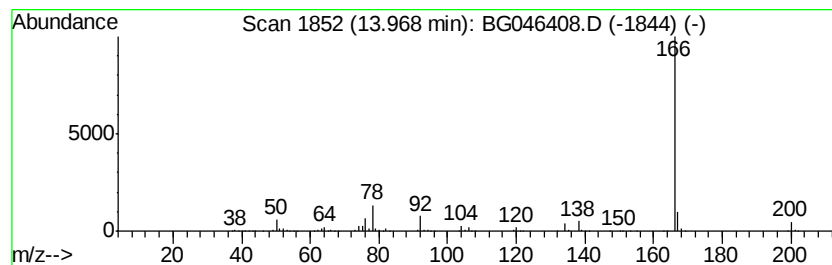
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.97	16.50 ng/ul	934335	Acenaphthene-d10	14.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
3	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
4	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
Operator : CG/JU
Sample : L3635-11
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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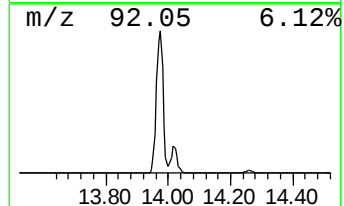
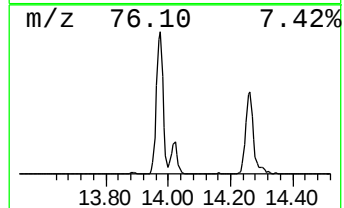
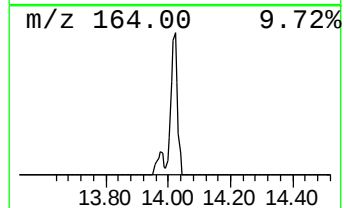
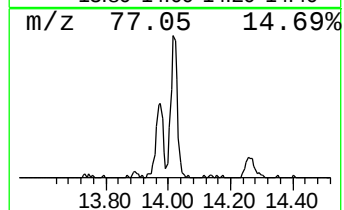
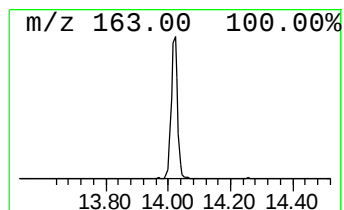
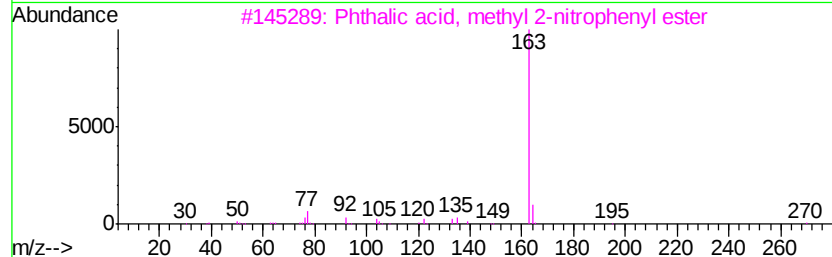
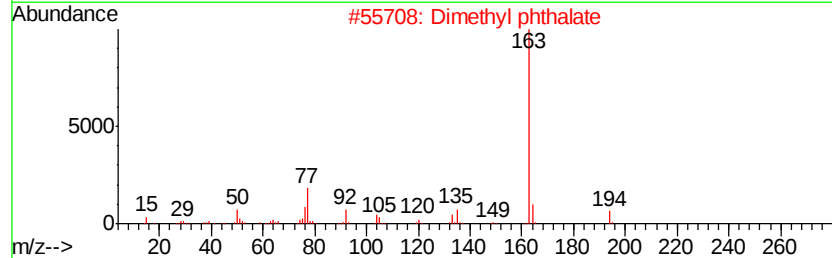
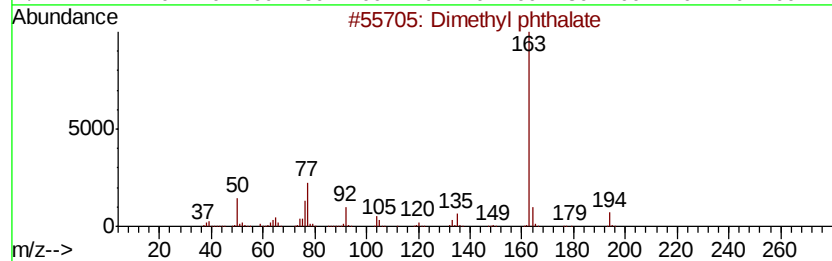
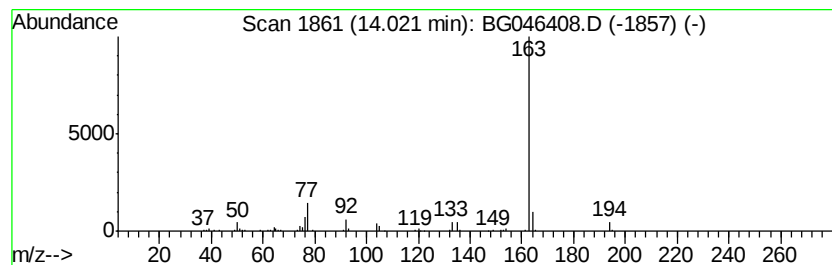
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dimethyl phthalate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.84 ng/ul	160496	Acenaphthene-d10	14.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl phthalate	194	C10H10O4	000131-11-3	91
2			Dimethyl phthalate	194	C10H10O4	000131-11-3	91
3			Phthalic acid, methyl 2-nitrophenyl ester	301	C15H11NO6	1000315-68-3	83
4			Phthalic acid, methyl neopentyl ester	250	C14H18O4	1000315-53-9	83
5			Hexyl methyl phthalate	264	C15H20O4	1000373-89-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
Operator : CG/JU
Sample : L3635-11
Misc :
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Instrument :
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ClientSampleId :
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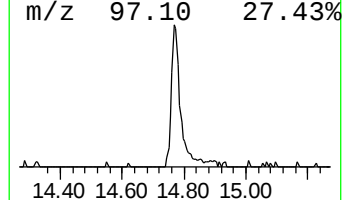
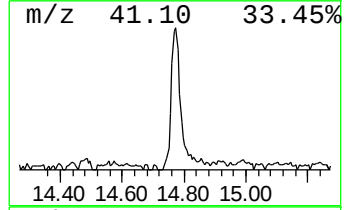
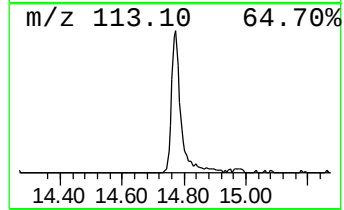
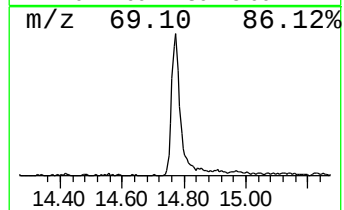
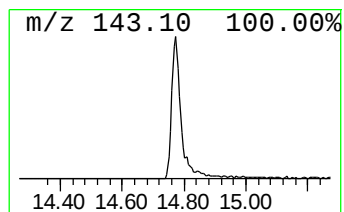
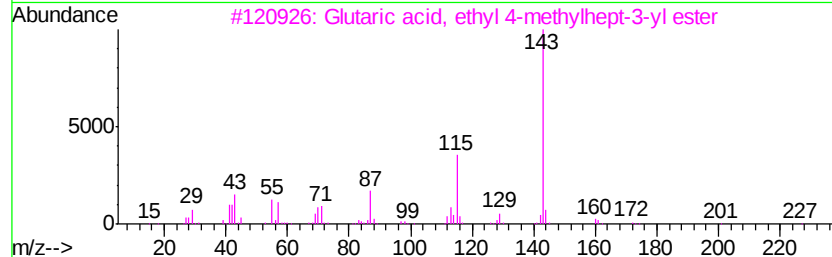
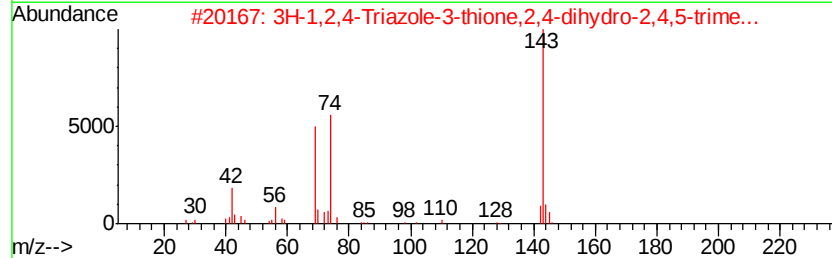
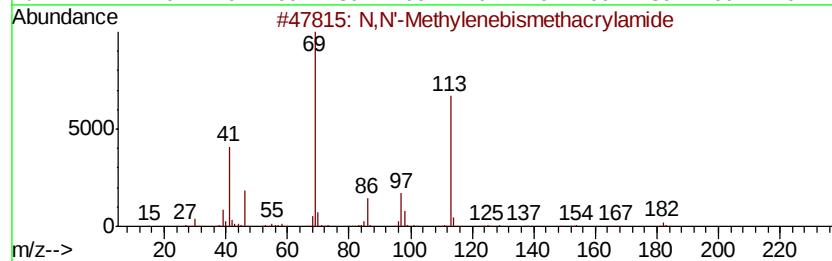
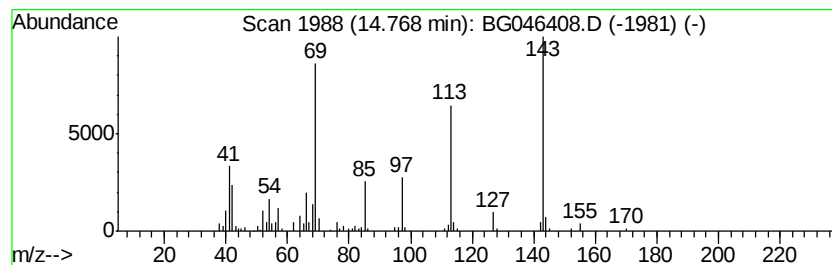
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown-07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.86 ng/ul	218331	Acenaphthene-d10	14.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	25
2			3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	22
3			Glutaric acid, ethyl 4-methylhept...	272	C15H28O4	1000377-14-9	22
4			Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	16
5			Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
Operator : CG/JU
Sample : L3635-11
Misc :
ALS Vial : 72 Sample Multiplier: 1

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ClientSampleId :
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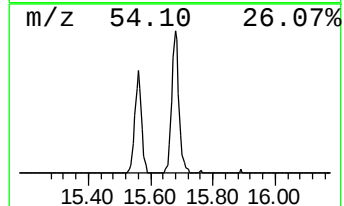
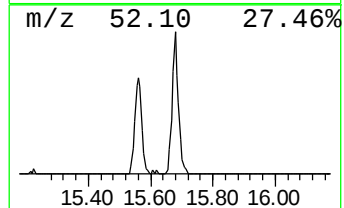
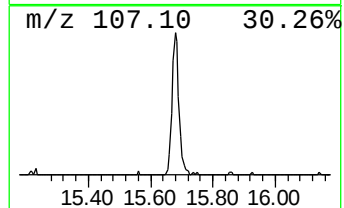
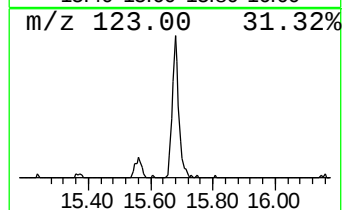
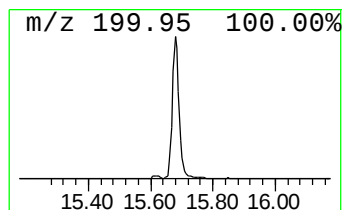
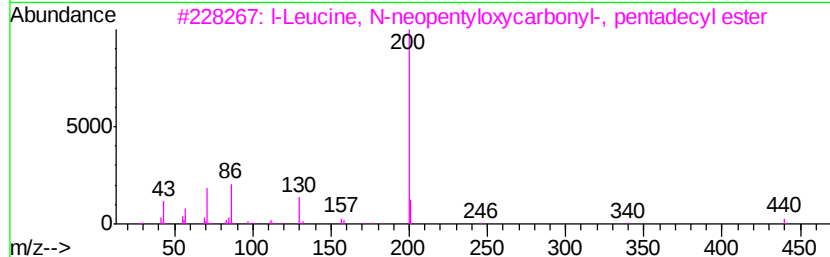
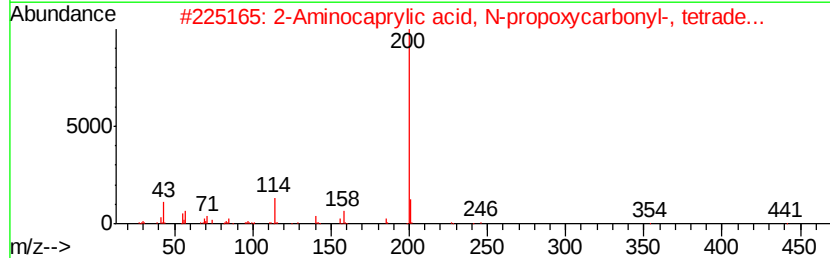
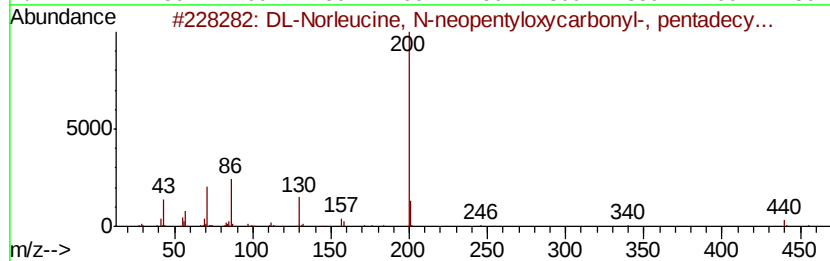
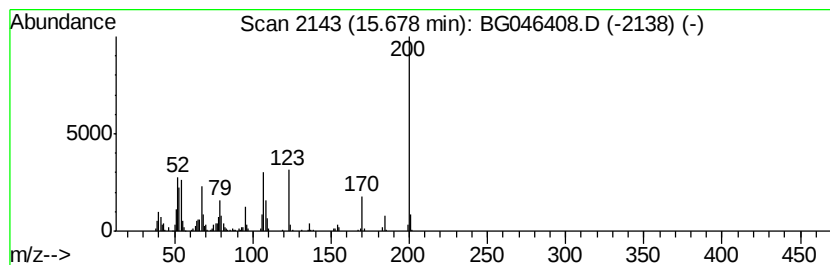
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown-08 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.69 ng/ul	209041	Acenaphthene-d10	14.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			DL-Norleucine, N-neopentylloxycar...	455	C27H53N04	1000339-05-7	14
2			2-Aminocaprylic acid, N-propoxyc...	441	C26H51N04	1000325-43-0	14
3			l-Leucine, N-neopentylloxycarbonv...	455	C27H53N04	1000328-03-1	10
4			Benzenamine, 4,4'-oxybis-	200	C12H12N2O	000101-80-4	9
5			1-Hydroxy-4-methyl-2-oxo-1,2-dih...	200	C11H8N2O2	021771-74-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
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Misc :
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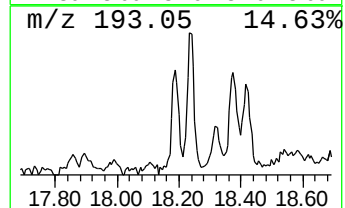
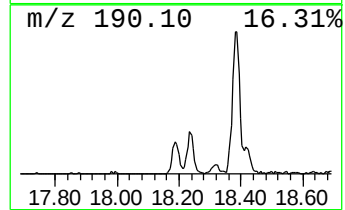
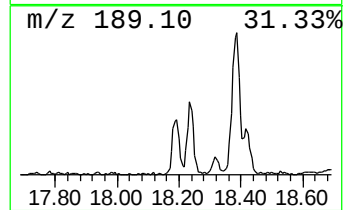
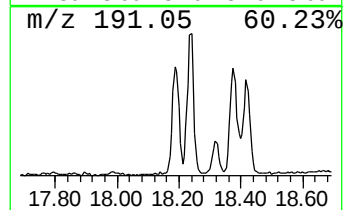
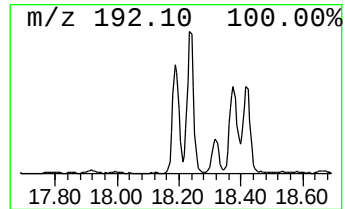
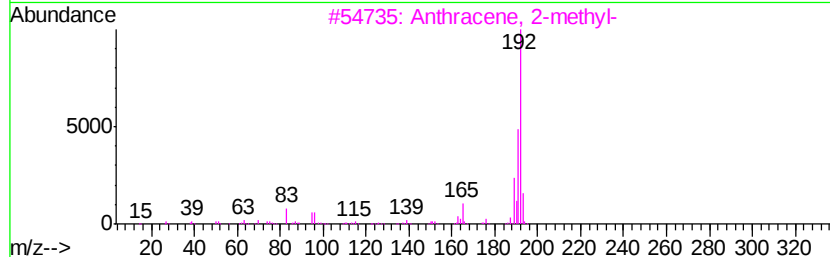
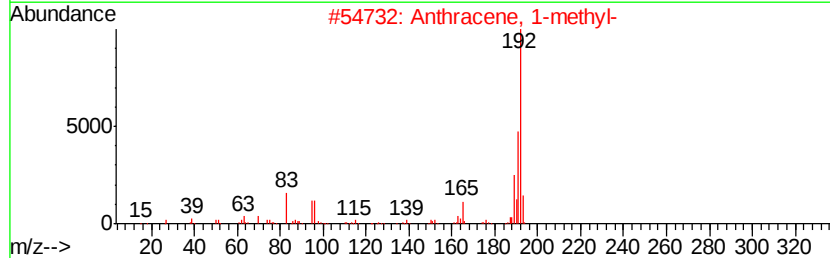
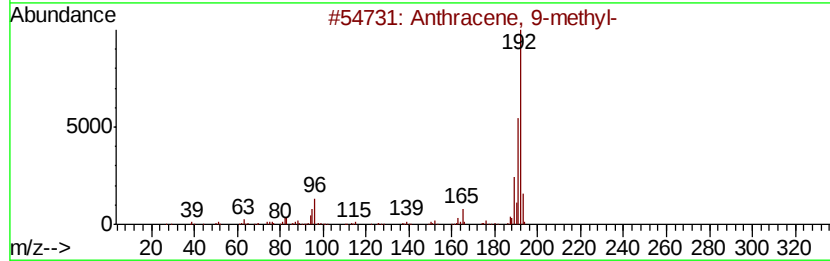
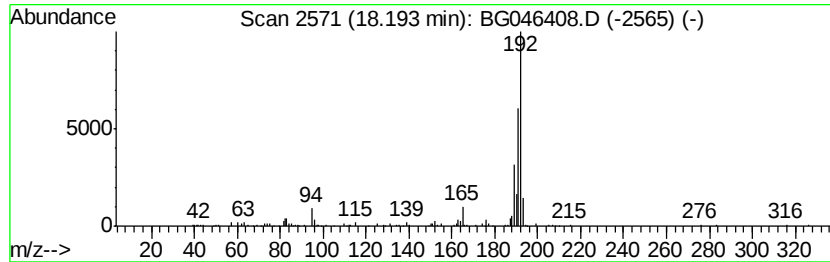
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Anthracene, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.44 ng/ul	163256	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
Operator : CG/JU
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Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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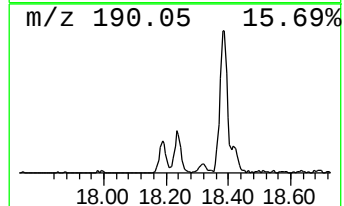
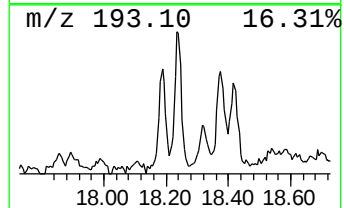
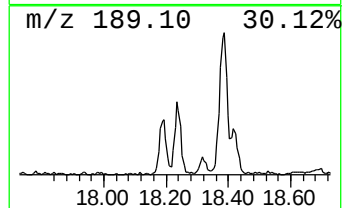
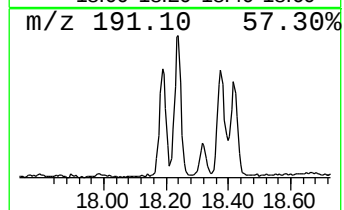
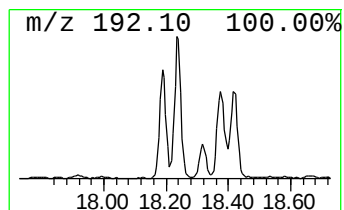
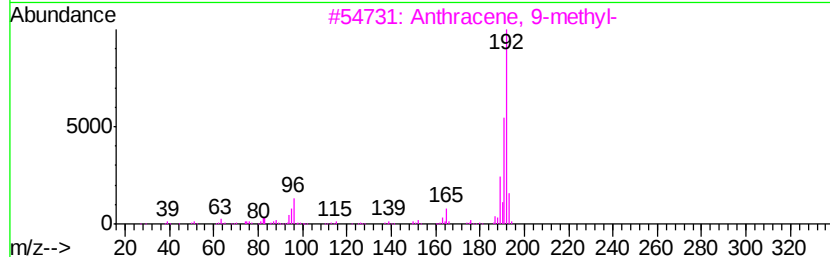
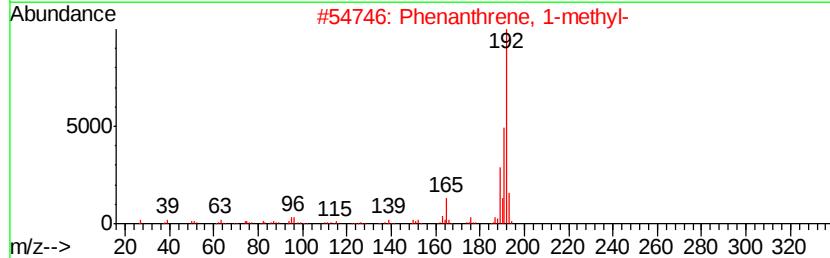
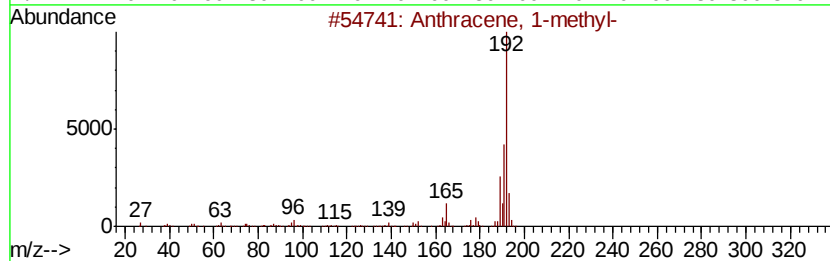
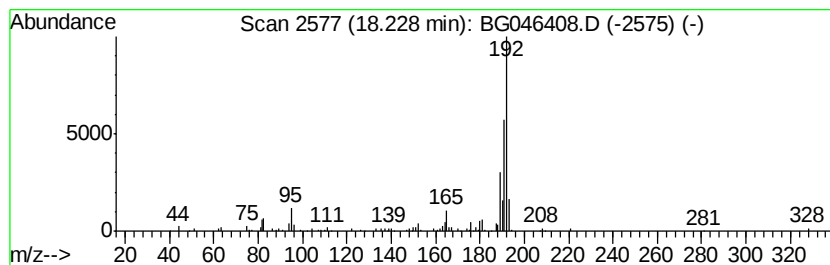
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Anthracene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.52 ng/ul	169018	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Acq On : 21 Aug 2020 11:20
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ClientSampleId :
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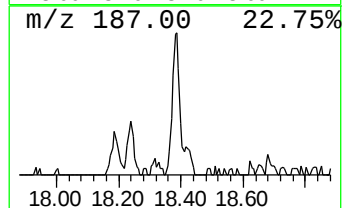
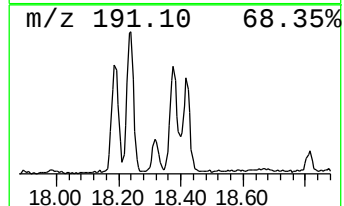
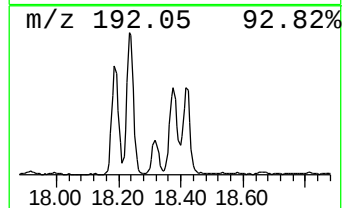
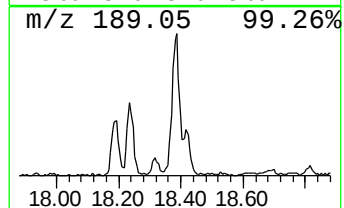
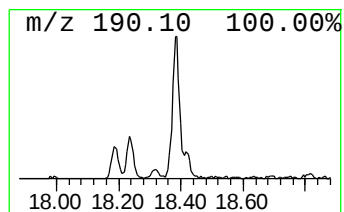
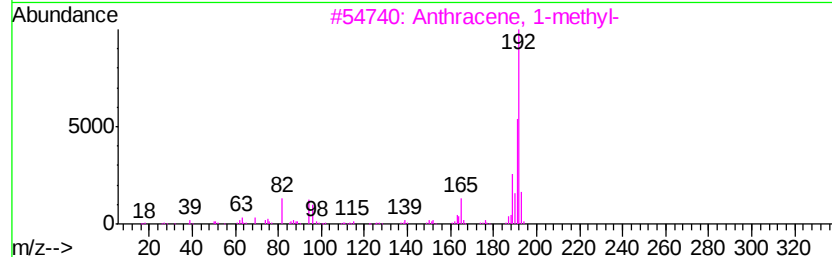
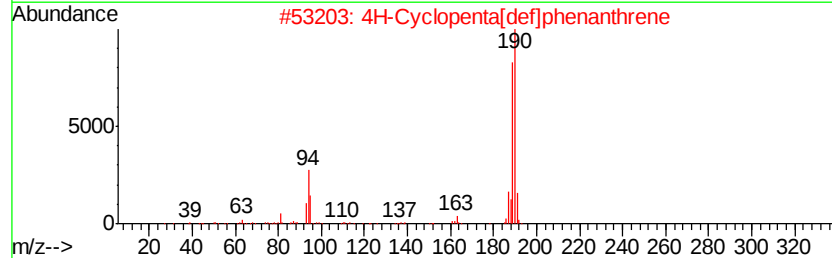
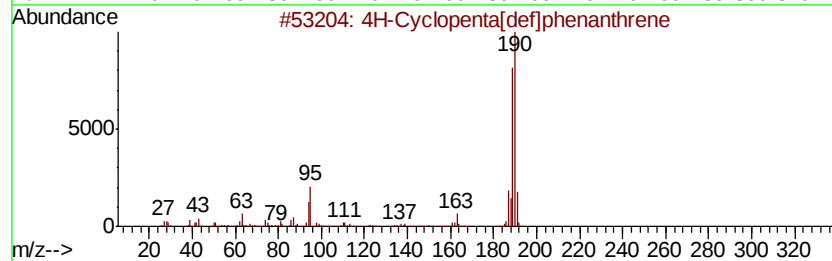
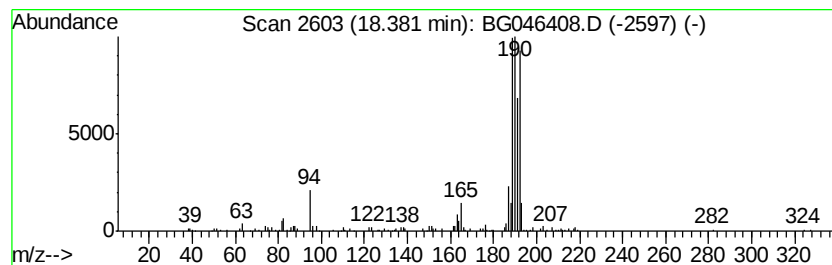
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.67 ng/ul	179026	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
Operator : CG/JU
Sample : L3635-11
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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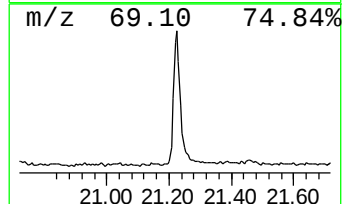
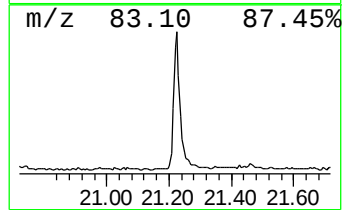
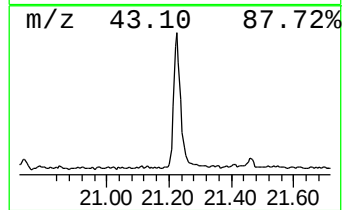
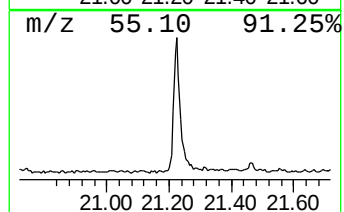
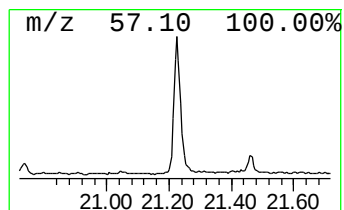
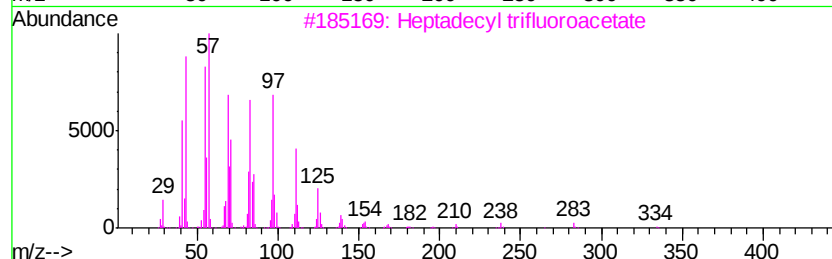
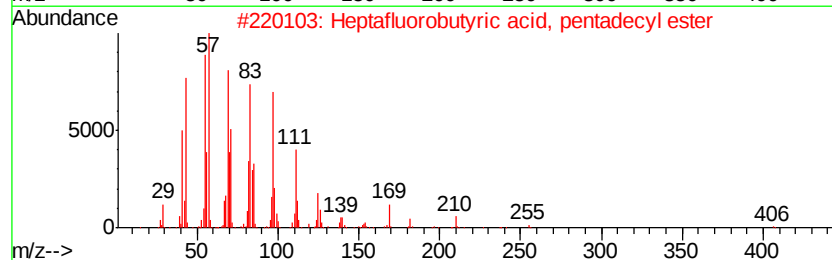
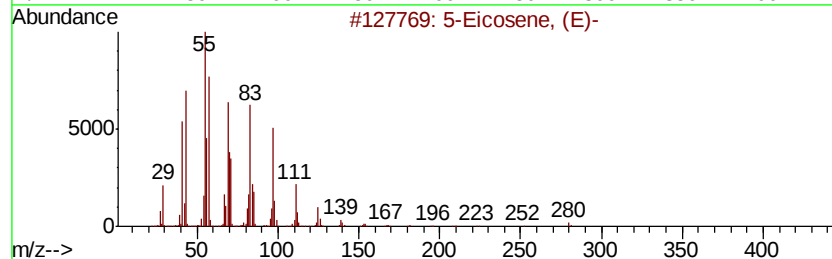
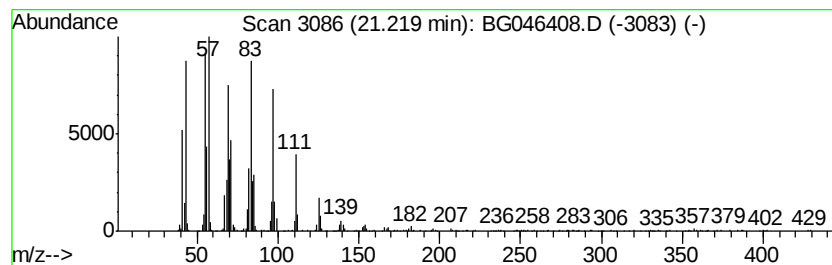
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	7.06 ng/ul	789075	Chrysene-d12	21.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4			1-Heneicosanol	312	C21H44O	015594-90-8	93
5			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
Operator : CG/JU
Sample : L3635-11
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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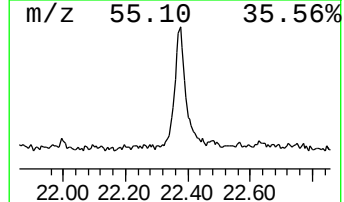
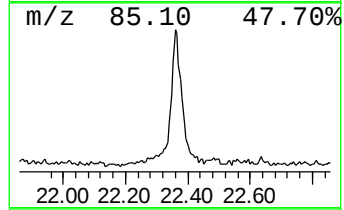
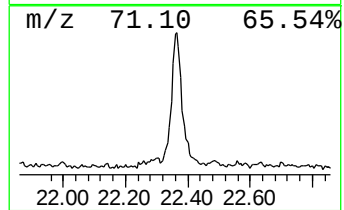
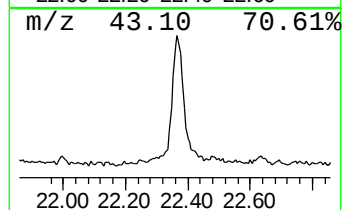
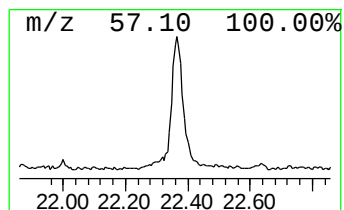
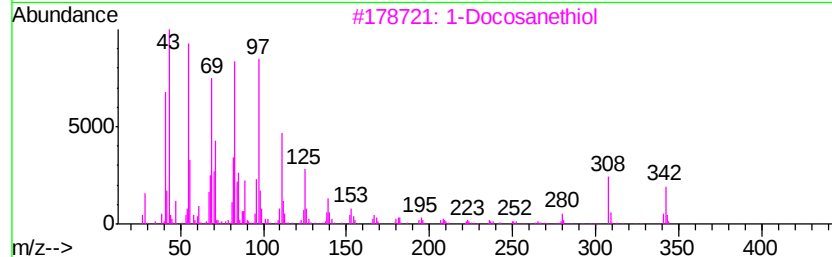
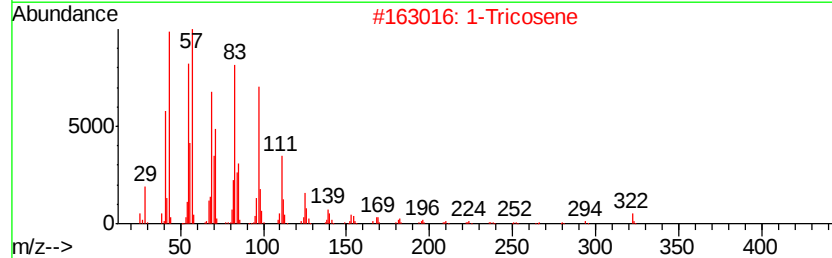
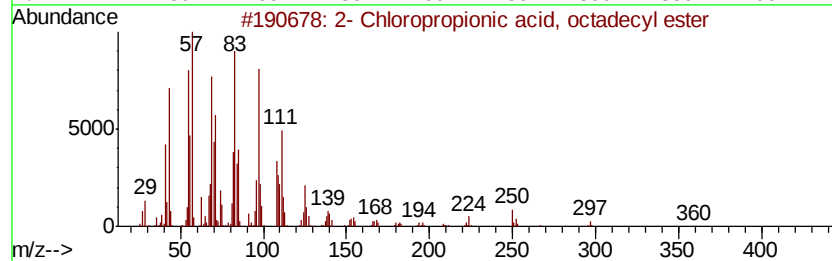
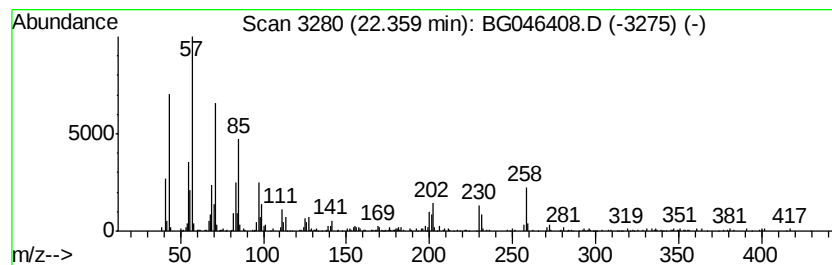
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 2- Chloropropionic acid, oc... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	4.78 ng/ul	533970	Chrysene-d12	21.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
2			1-Tricosene	322	C23H46	018835-32-0	91
3			1-Docosanethiol	342	C22H46S	007773-83-3	87
4			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
5			Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
Operator : CG/JU
Sample : L3635-11
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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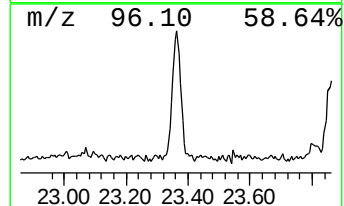
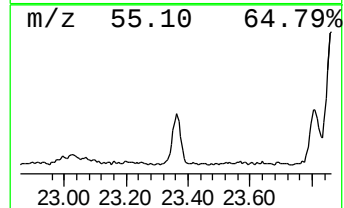
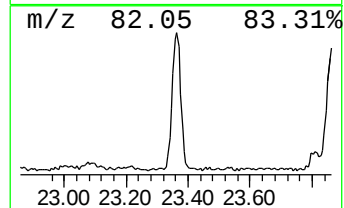
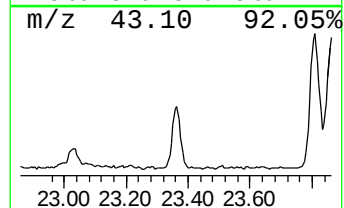
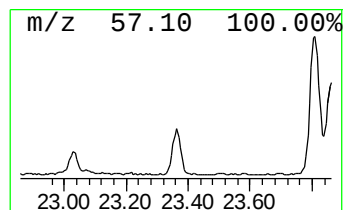
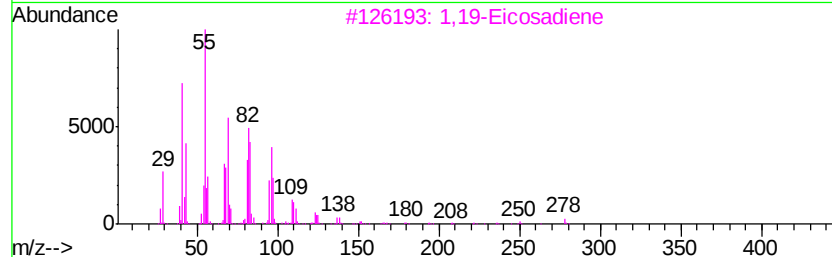
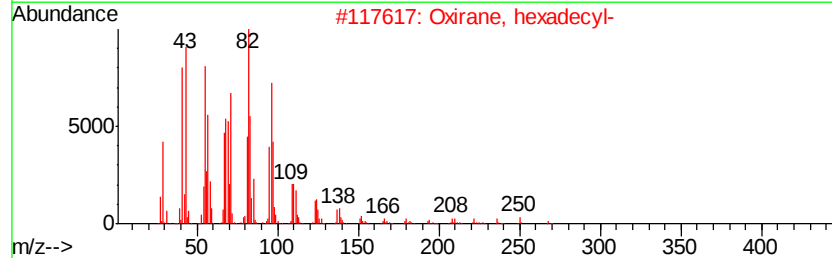
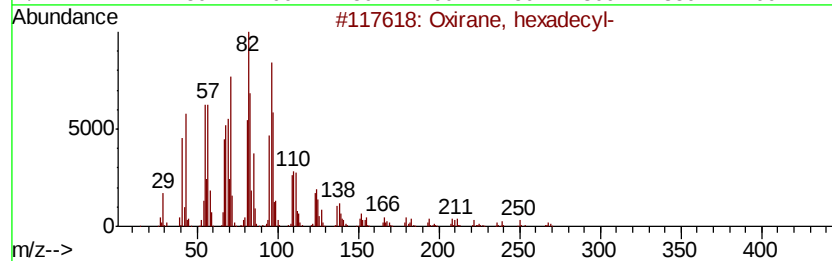
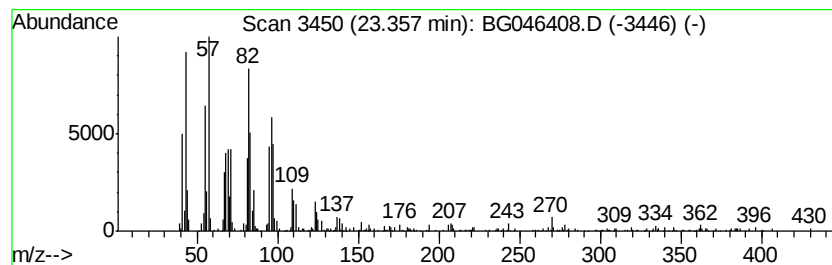
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Oxirane, hexadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	4.84 ng/ul	392889	Perylene-d12	24.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	97
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3		1,19-Eicosadiene	278	C20H38	014811-95-1	93
4		Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	91
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
Operator : CG/JU
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Misc :
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Instrument :
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ClientSampleId :
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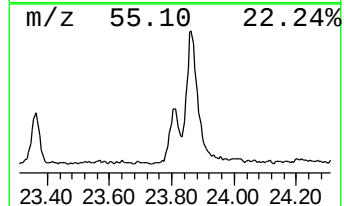
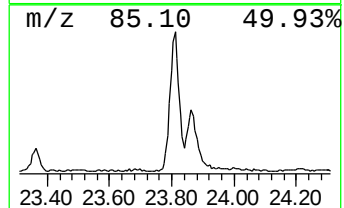
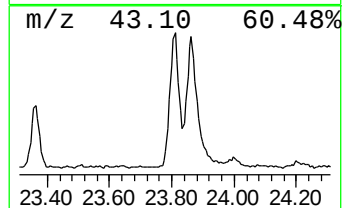
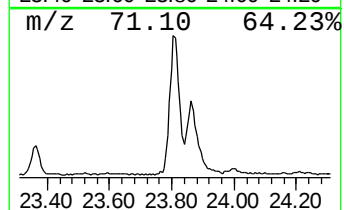
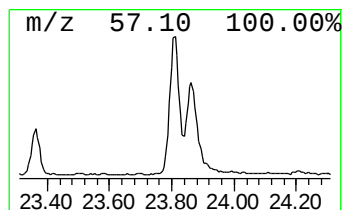
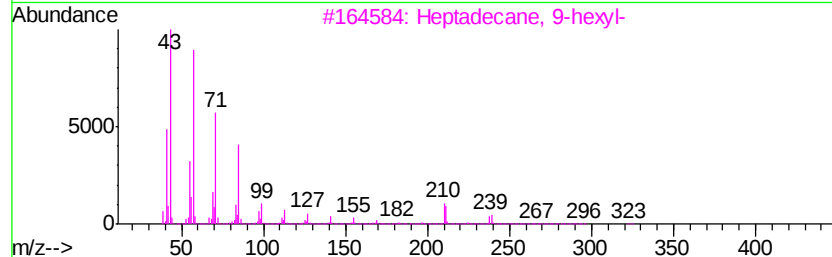
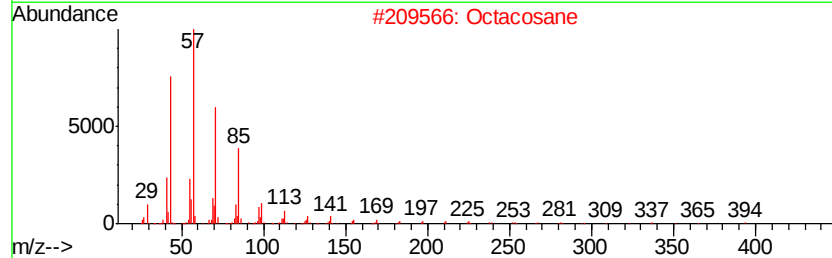
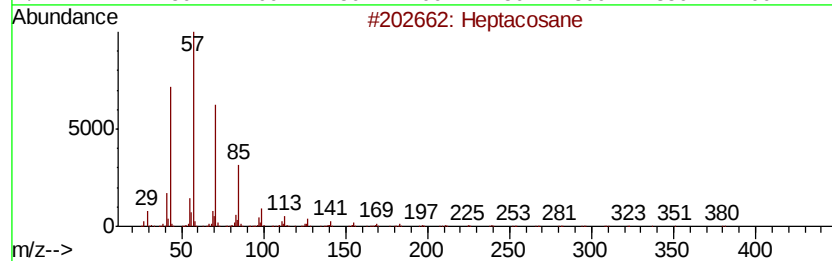
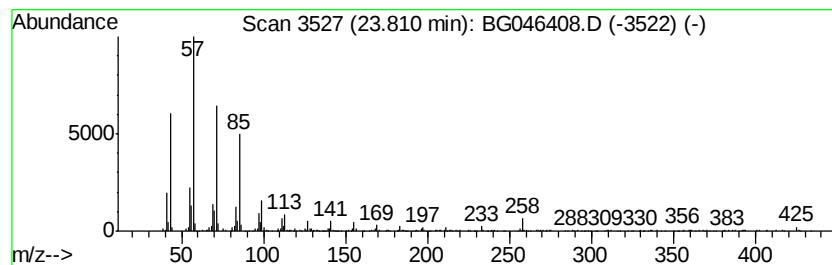
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	5.32 ng/ul	432165	Perylene-d12	24.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	94
2			Octacosane	394	C28H58	000630-02-4	94
3			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
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Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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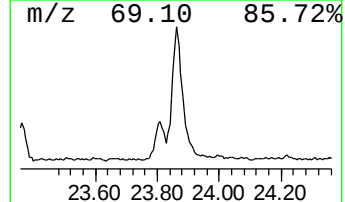
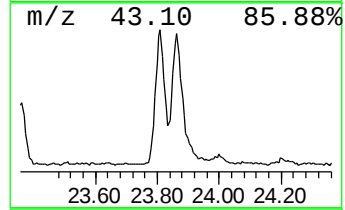
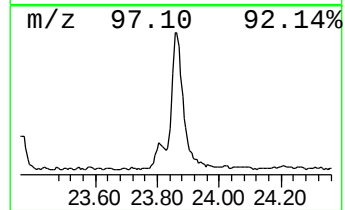
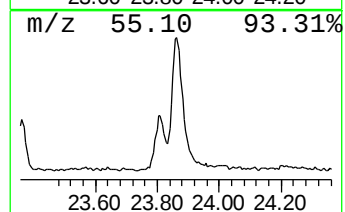
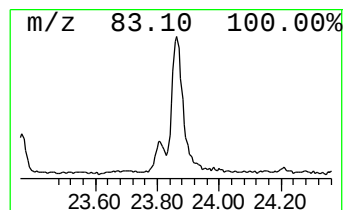
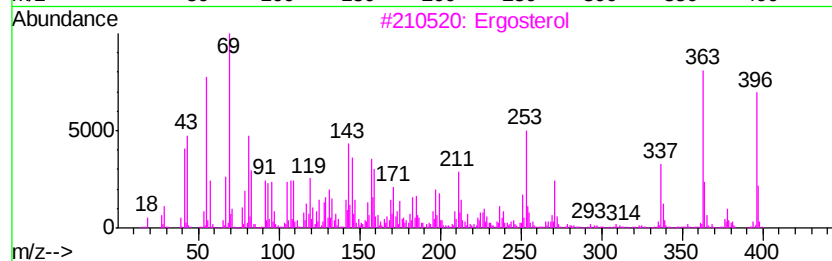
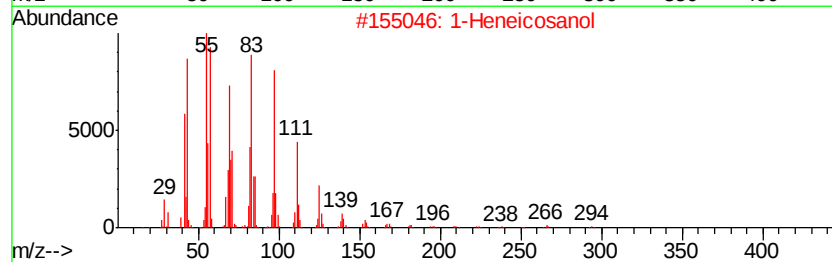
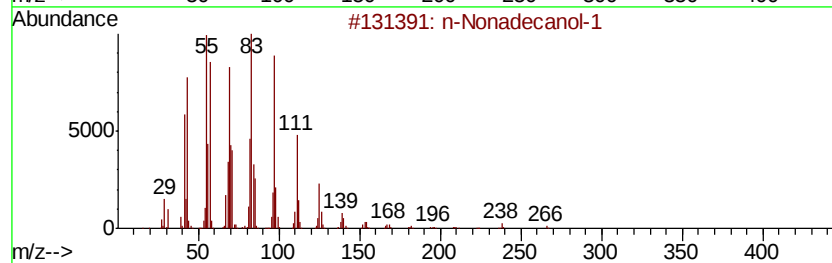
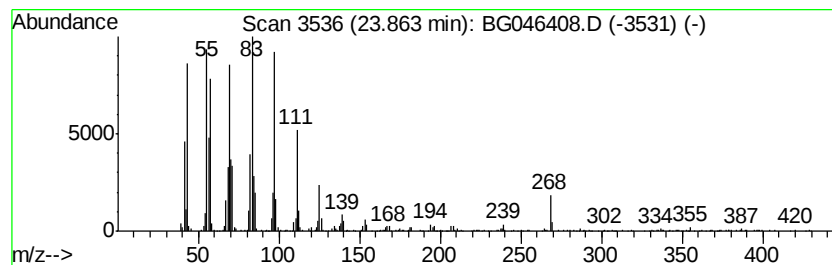
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 n-Nonadecanol-1 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	8.64 ng/ul	701386	Perylene-d12	24.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2			1-Heneicosanol	312	C21H44O	015594-90-8	90
3			Ergosterol	396	C28H44O	000057-87-4	90
4			Behenic alcohol	326	C22H46O	000661-19-8	86
5			Cyclotetracosane	336	C24H48	000297-03-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
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Sample : L3635-11
Misc :
ALS Vial : 72 Sample Multiplier: 1

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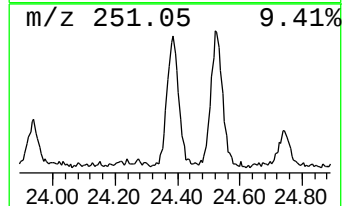
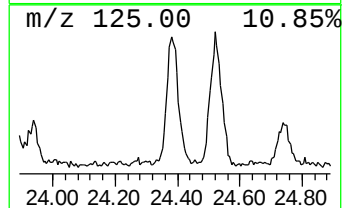
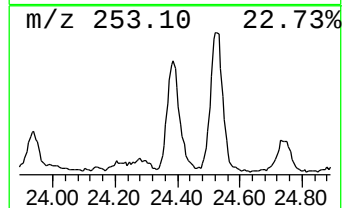
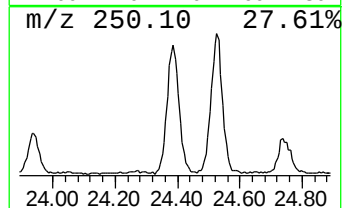
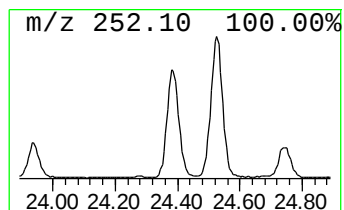
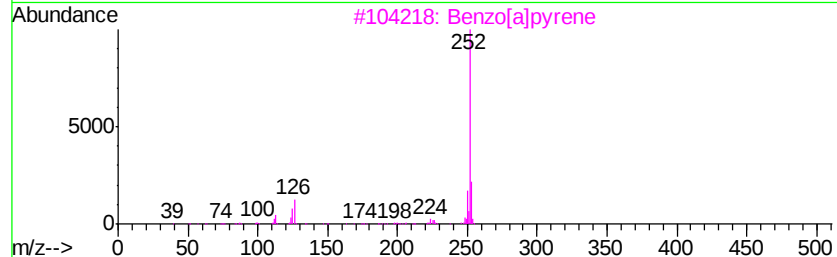
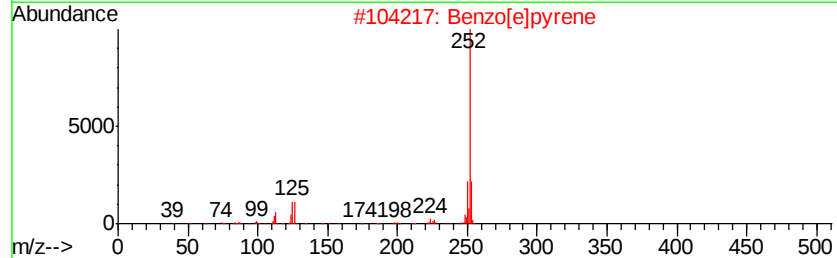
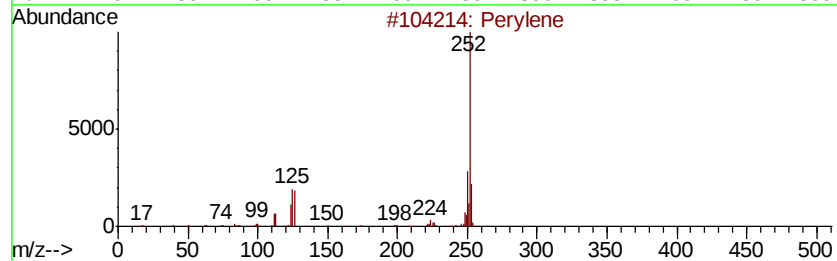
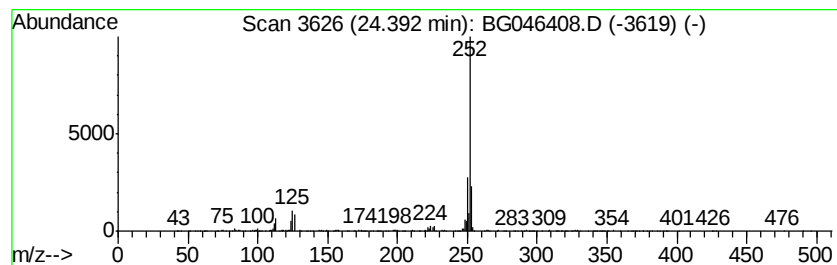
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Perylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.39	4.69 ng/ul	380563	Perylene-d12	24.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	93
2		Benzo[e]pyrene	252	C20H12	000192-97-2	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	91
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
Operator : CG/JU
Sample : L3635-11
Misc :
ALS Vial : 72 Sample Multiplier: 1

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ClientSampleId :
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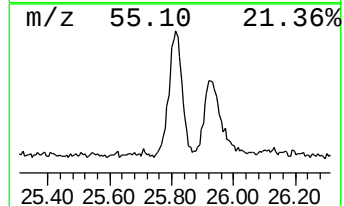
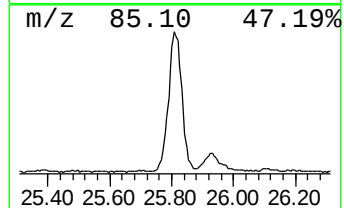
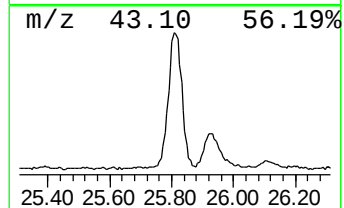
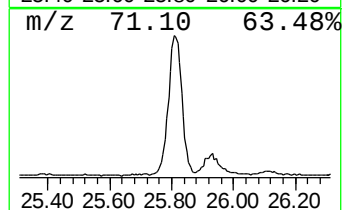
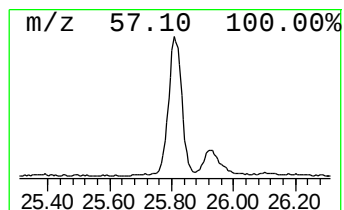
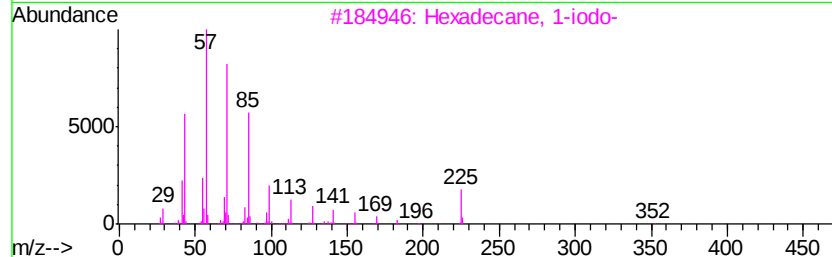
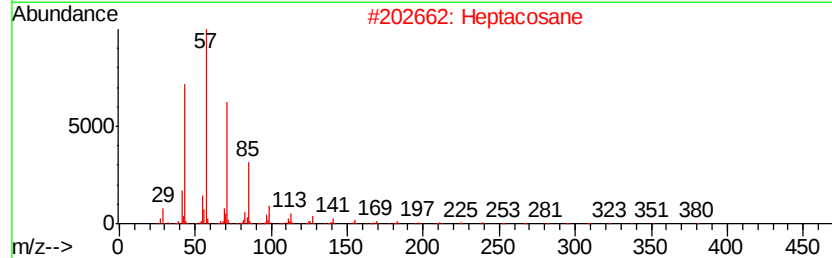
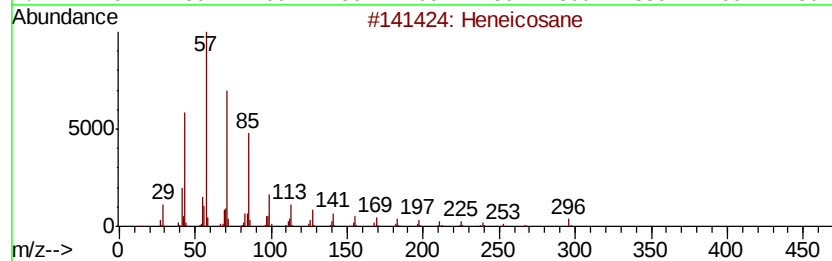
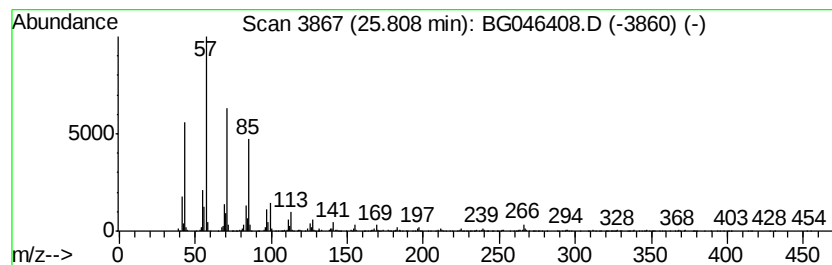
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	12.15 ng/ul	986233	Perylene-d12	24.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Heptacosane	380	C27H56	000593-49-7	96
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
4		Tricosane	324	C23H48	000638-67-5	93
5		Hexacosane	366	C26H54	000630-01-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046408.D
Acq On : 21 Aug 2020 11:20
Operator : CG/JU
Sample : L3635-11
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMH7

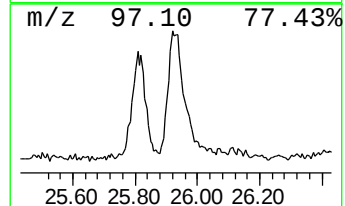
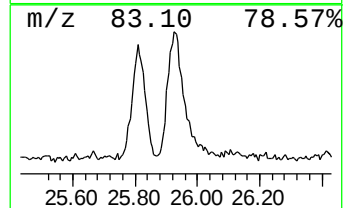
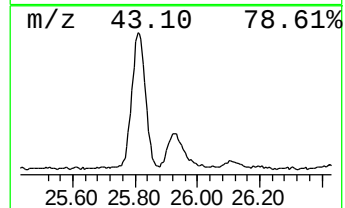
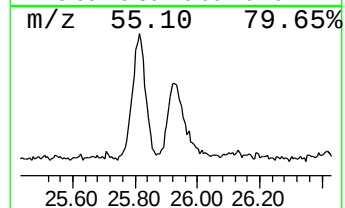
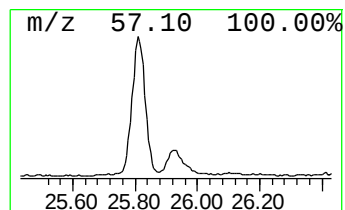
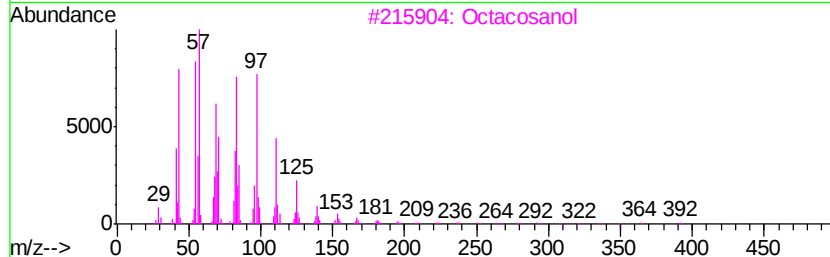
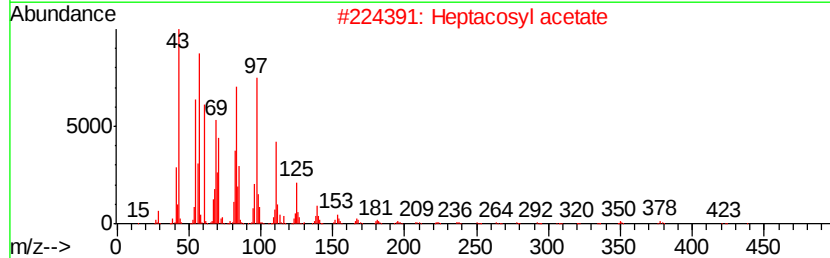
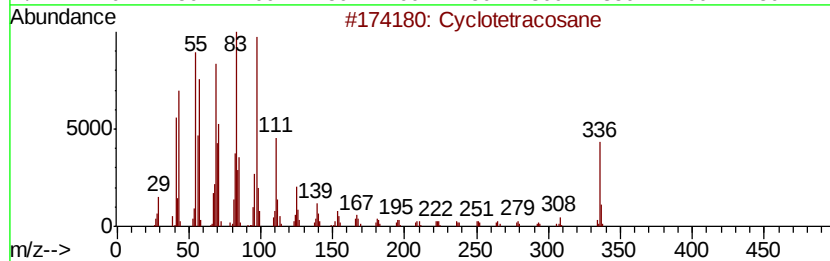
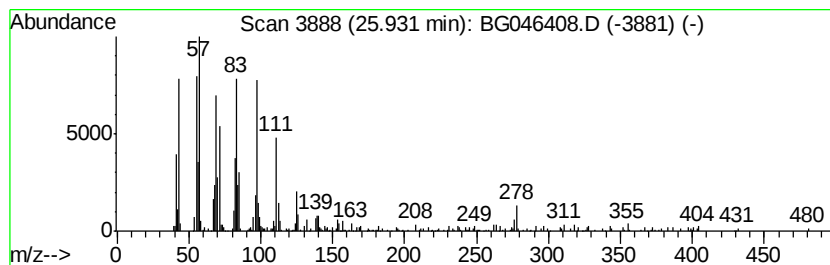
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic25.93 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.93	4.04 ng/ul	327777	Perylene-d12	24.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	97
2			Heptacosyl acetate	438	C29H58O2	1000351-78-2	95
3			Octacosanol	410	C28H58O	000557-61-9	95
4			Triacontyl acetate	480	C32H64O2	041755-58-2	94
5			1-Heptacosanol	396	C27H56O	002004-39-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
 Data File : BG046408.D
 Acq On : 21 Aug 2020 11:20
 Operator : CG/JU
 Sample : L3635-11
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMH7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	100.3	ng/ul	2653490	1	7.94	528984	20.0
Methacrylamide	3.92	2.5	ng/ul	66788	1	7.94	528984	20.0
2-Furancarboxylic...	7.11	17.2	ng/ul	454554	1	7.94	528984	20.0
unknown-01	7.26	13.4	ng/ul	354637	1	7.94	528984	20.0
unknown-02	7.48	18.0	ng/ul	475946	1	7.94	528984	20.0
unknown-03	8.65	19.1	ng/ul	504174	1	7.94	528984	20.0
1H-Imidazole, 4-m...	9.09	17.4	ng/ul	459769	1	7.94	528984	20.0
unknown-04	9.81	9.9	ng/ul	393027	2	10.74	791018	20.0
unknown-05	10.87	9.0	ng/ul	356816	2	10.74	791018	20.0
unknown-06	13.97	16.5	ng/ul	934335	3	14.57	1132240	20.0
Dimethyl phthalate	14.02	2.8	ng/ul	160496	3	14.57	1132240	20.0
unknown-07	14.77	3.9	ng/ul	218331	3	14.57	1132240	20.0
unknown-08	15.68	3.7	ng/ul	209041	3	14.57	1132240	20.0
Anthracene, 9-met...	18.19	2.4	ng/ul	163256	4	17.31	1340890	20.0
Anthracene, 1-met...	18.23	2.5	ng/ul	169018	4	17.31	1340890	20.0
4H-Cyclopenta[def...	18.38	2.7	ng/ul	179026	4	17.31	1340890	20.0
(DEL) Alkane: Str...	21.22	7.1	ng/ul	789075	5	21.56	2235730	20.0
2- Chloropropioni...	22.36	4.8	ng/ul	533970	5	21.56	2235730	20.0
Oxirane, hexadecyl-	23.36	4.8	ng/ul	392889	6	24.67	1623410	20.0
(DEL) Alkane: Str...	23.81	5.3	ng/ul	432165	6	24.67	1623410	20.0
n-Nonadecanol-1	23.86	8.6	ng/ul	701386	6	24.67	1623410	20.0
Perylene	24.39	4.7	ng/ul	380563	6	24.67	1623410	20.0
(DEL) Alkane: Str...	25.81	12.2	ng/ul	986233	6	24.67	1623410	20.0
(DEL) Alkane: Cyc...	25.93	4.0	ng/ul	327777	6	24.67	1623410	20.0