

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005937.D
 Acq On : 29 May 2019 19:05
 Operator : JU/SJ
 Sample : K2924-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4274

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_N\METHODS\SOM-EPA-BN052819MA.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	6.265	523	529	535	rBV	147444	219445	0.51%	0.046%
2	6.771	610	615	628	rVV	302904	597112	1.40%	0.126%
3	6.895	628	636	646	rVB	1991886	3298251	7.73%	0.695%
4	7.065	651	665	679	rVV	1504706	2648704	6.20%	0.558%
5	7.259	691	698	705	rVV	1999654	3167564	7.42%	0.668%
6	7.730	771	778	785	rBV	1513743	2514929	5.89%	0.530%
7	8.424	883	896	904	rBV	2584924	4284790	10.04%	0.903%
8	8.877	965	973	984	rBV	1846191	3175727	7.44%	0.670%
9	9.594	1088	1095	1103	rBV	1472882	2381844	5.58%	0.502%
10	9.818	1128	1133	1144	rVB3	210127	415260	0.97%	0.088%
11	10.130	1178	1186	1204	rBV	2636853	4484410	10.50%	0.946%
12	10.289	1204	1213	1224	rBV	267436	549609	1.29%	0.116%
13	10.512	1243	1251	1257	rBV	2394908	3924147	9.19%	0.827%
14	10.606	1263	1267	1272	rBV	300512	499347	1.17%	0.105%
15	13.106	1689	1692	1704	rVV	77332	234369	0.55%	0.049%
16	13.277	1717	1721	1726	rVV	275099	443854	1.04%	0.094%
17	13.641	1775	1783	1789	rBV	916577	1406844	3.30%	0.297%
18	13.782	1800	1807	1811	rVV	4205153	6099863	14.29%	1.286%
19	13.824	1811	1814	1822	rVV	1124087	1528760	3.58%	0.322%
20	14.059	1844	1854	1867	rBV	5383267	7908477	18.52%	1.667%
21	14.371	1899	1907	1914	rBV2	3621634	5486183	12.85%	1.157%
22	14.559	1934	1939	1947	rBV	2183207	3295791	7.72%	0.695%
23	14.718	1958	1966	1972	rBV4	240691	467264	1.09%	0.099%
24	15.188	2040	2046	2050	rVB3	161651	250810	0.59%	0.053%
25	15.365	2063	2076	2082	rBV	6806646	9947525	23.30%	2.097%
26	15.482	2090	2096	2102	rBV	1412927	1941580	4.55%	0.409%
27	15.953	2171	2176	2179	rBV2	139984	220709	0.52%	0.047%
28	16.000	2179	2184	2195	rVV	1121461	1631981	3.82%	0.344%
29	16.259	2220	2228	2230	rBV3	218345	420785	0.99%	0.089%
30	16.394	2246	2251	2258	rBV4	354760	530887	1.24%	0.112%
31	16.523	2267	2273	2280	rBV5	160687	365246	0.86%	0.077%
32	16.788	2312	2318	2324	rVB4	125262	287201	0.67%	0.061%
33	17.023	2352	2358	2363	rBV2	510837	754038	1.77%	0.159%
34	17.088	2363	2369	2370	rBV3	535876	828058	1.94%	0.175%

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 Title : SVOA CALIBRATION

35	17.118	2370	2374	2378	rVV2	4593041	6496983	15.22%	1.370%
36	17.159	2378	2381	2386	rVB	1057989	1390561	3.26%	0.293%
37	17.218	2386	2391	2396	rBV2	7445401	10265828	24.05%	2.165%
38	17.359	2412	2415	2422	rVB	301176	402406	0.94%	0.085%
39	17.523	2435	2443	2447	rBV	172060	406994	0.95%	0.086%
40	17.659	2464	2466	2472	rVB2	169188	230453	0.54%	0.049%
41	17.765	2480	2484	2487	rBV2	144231	213031	0.50%	0.045%
42	17.906	2502	2508	2514	rBV2	665040	1052316	2.46%	0.222%
43	17.965	2515	2518	2521	rBV	196244	256279	0.60%	0.054%
44	18.035	2524	2530	2538	rBV	5527948	8042069	18.84%	1.696%
45	18.188	2552	2556	2560	rBV3	197593	357781	0.84%	0.075%
46	18.300	2570	2575	2577	rBV	531887	787086	1.84%	0.166%
47	18.323	2577	2579	2587	rVB5	326348	629081	1.47%	0.133%
48	18.541	2614	2616	2622	rVB3	531408	763199	1.79%	0.161%
49	18.623	2623	2630	2632	rBV2	405574	693651	1.62%	0.146%
50	18.653	2632	2635	2638	rBV2	492315	533705	1.25%	0.113%
51	18.747	2649	2651	2655	rVB	614054	710753	1.66%	0.150%
52	18.800	2655	2660	2663	rBV3	459972	884695	2.07%	0.187%
53	18.917	2676	2680	2683	rBV2	420901	567598	1.33%	0.120%
54	18.959	2683	2687	2691	rVV3	3294114	4850403	11.36%	1.023%
55	18.994	2691	2693	2700	rVB3	825677	1049696	2.46%	0.221%
56	19.112	2710	2713	2717	rVB	346479	424330	0.99%	0.089%
57	19.188	2718	2726	2729	rBV	4757811	7867029	18.43%	1.659%
58	19.217	2729	2731	2739	rVB	2374003	3220717	7.54%	0.679%
59	19.282	2739	2742	2744	rBV	509278	592561	1.39%	0.125%
60	19.317	2744	2748	2759	rVB2	3003367	5937736	13.91%	1.252%
61	19.523	2778	2783	2787	rBV2	8701899	13388254	31.36%	2.823%
62	19.623	2797	2800	2807	rVB2	383332	595625	1.40%	0.126%
63	19.765	2820	2824	2831	rVB4	972128	1628212	3.81%	0.343%
64	19.876	2839	2843	2849	rBV3	609163	947118	2.22%	0.200%
65	20.012	2863	2866	2869	rBV4	740146	1053234	2.47%	0.222%
66	20.053	2869	2873	2876	rVV	1279017	1734396	4.06%	0.366%
67	20.082	2876	2878	2882	rVB	946779	1009491	2.36%	0.213%
68	20.229	2900	2903	2907	rBV5	778122	987408	2.31%	0.208%
69	20.312	2914	2917	2923	rVB	584519	730359	1.71%	0.154%
70	20.417	2931	2935	2939	rVB2	2395782	3035286	7.11%	0.640%
71	20.547	2953	2957	2962	rVV	5620006	6542713	15.32%	1.380%

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72	20.623	2966	2970	2974	rBV2	1323294	1902552	4.46%	0.401%
73	20.676	2976	2979	2984	rVB2	2327183	2918397	6.84%	0.615%
74	20.729	2984	2988	2991	rBV2	2145776	2832042	6.63%	0.597%
75	20.906	3013	3018	3023	rBV	5014457	7179379	16.82%	1.514%
76	21.047	3035	3042	3054	rBV2	17470686	28849310	67.57%	6.083%
77	21.259	3075	3078	3081	rBV	1748194	1824302	4.27%	0.385%
78	21.335	3085	3091	3093	rVV2	5224648	8497941	19.90%	1.792%
79	21.370	3093	3097	3107	rVB	11533871	16313738	38.21%	3.440%
80	21.494	3115	3118	3123	rVB3	1797483	2656482	6.22%	0.560%
81	21.676	3146	3149	3153	rVB2	2143043	2513692	5.89%	0.530%
82	21.811	3169	3172	3179	rVB6	1141641	1830419	4.29%	0.386%
83	21.959	3191	3197	3205	rBV	20936210	32075357	75.13%	6.763%
84	22.247	3242	3246	3249	rBV	2440452	3513022	8.23%	0.741%
85	22.300	3249	3255	3265	rVB	11381144	20306740	47.56%	4.282%
86	22.388	3266	3270	3273	rBV	4993785	6693834	15.68%	1.411%
87	22.641	3310	3313	3319	rVB	2575444	3334253	7.81%	0.703%
88	22.929	3357	3362	3366	rBV2	11907724	18971424	44.44%	4.000%
89	22.976	3366	3370	3379	rVB2	8713740	13102215	30.69%	2.763%
90	23.470	3448	3454	3459	rBV3	5294205	11553118	27.06%	2.436%
91	23.605	3473	3477	3483	rVB2	2845641	5026223	11.77%	1.060%
92	23.823	3509	3514	3522	rVB2	2934084	5445281	12.75%	1.148%
93	24.164	3565	3572	3579	rVB	7885070	15855984	37.14%	3.343%
94	24.247	3581	3586	3596	rVB	3293227	6243330	14.62%	1.316%
95	24.529	3628	3634	3641	rVB4	2336377	4908571	11.50%	1.035%
96	24.688	3656	3661	3673	rVB2	2472403	6081069	14.24%	1.282%
97	25.370	3771	3777	3790	rVB3	3166453	8373576	19.61%	1.766%
98	25.952	3870	3876	3885	rVB	2272226	5414313	12.68%	1.142%
99	26.729	3996	4008	4021	rVB2	12875473	42693759	100.00%	9.002%
100	28.311	4267	4277	4290	rVB3	5720681	20878211	48.90%	4.402%

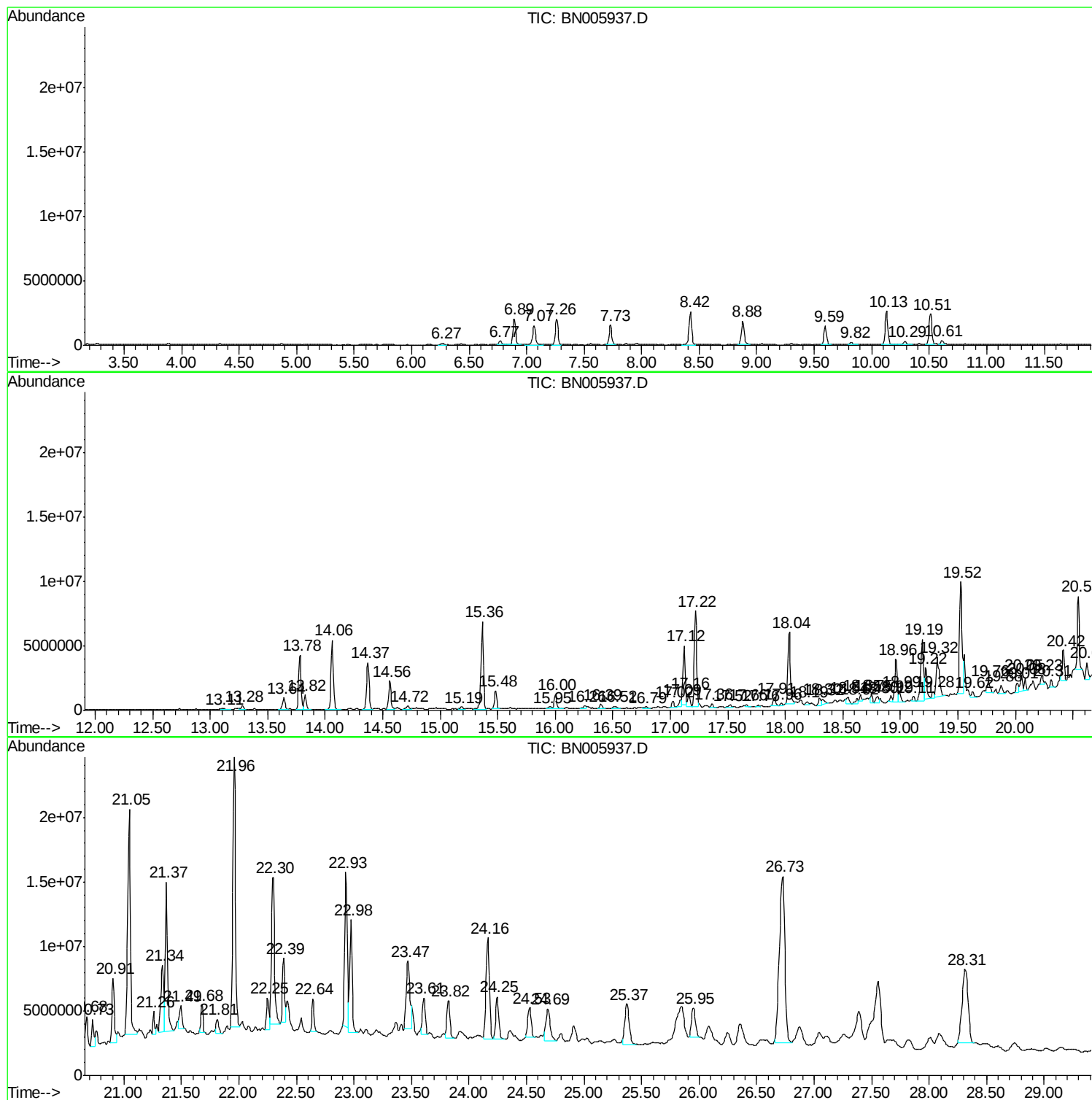
Sum of corrected areas: 474278935

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



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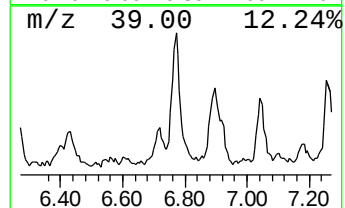
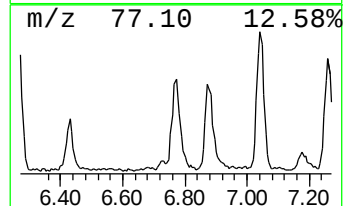
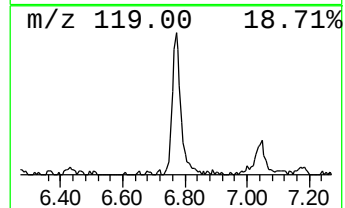
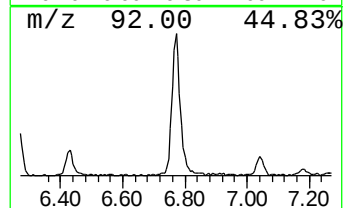
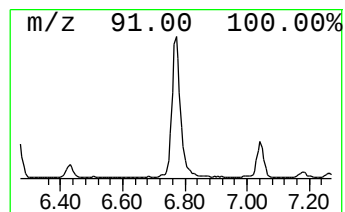
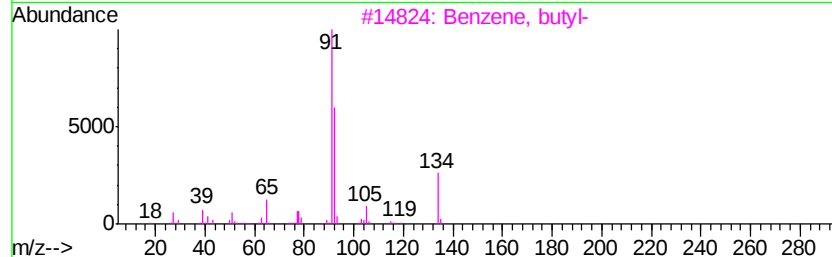
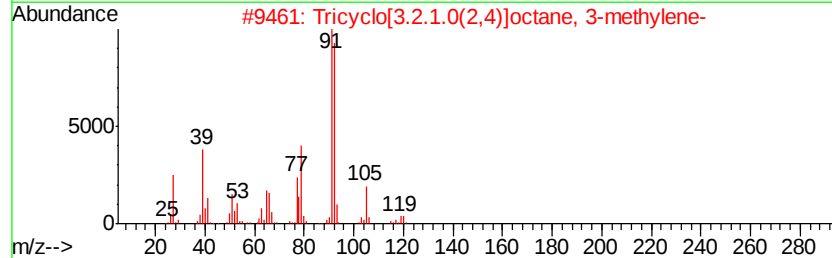
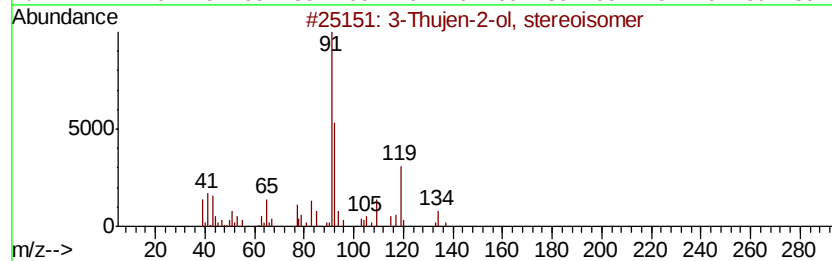
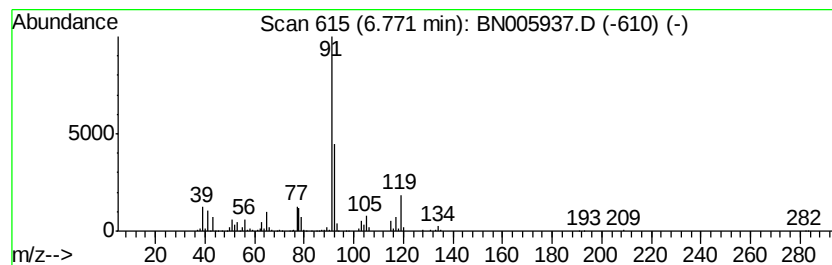
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Thujen-2-ol, stereoisomer Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	4.75 ng/ul	597112	1,4-Dichlorobenzene-d4	7.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Thujen-2-ol, stereoisomer	152	C10H16O	003310-03-0	78
2			Tricyclo[3.2.1.0(2,4)]octane, 3-...	120	C9H12	1000150-04-5	58
3			Benzene, butyl-	134	C10H14	000104-51-8	53
4			Benzene, butyl-	134	C10H14	000104-51-8	53
5			Benzene, butyl-	134	C10H14	000104-51-8	53



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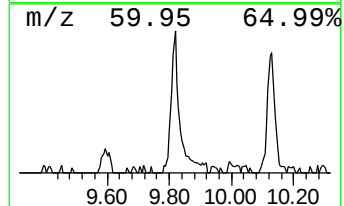
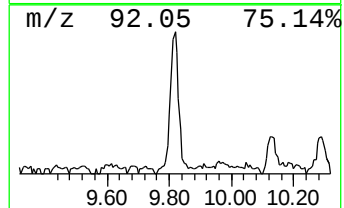
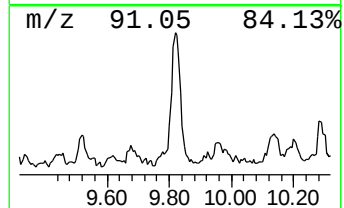
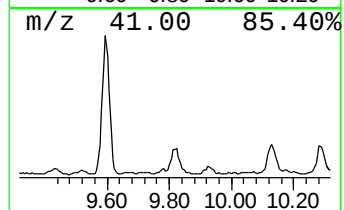
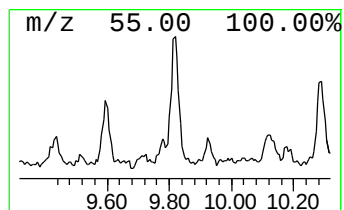
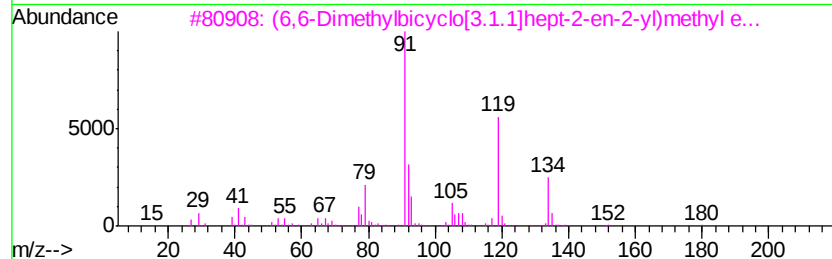
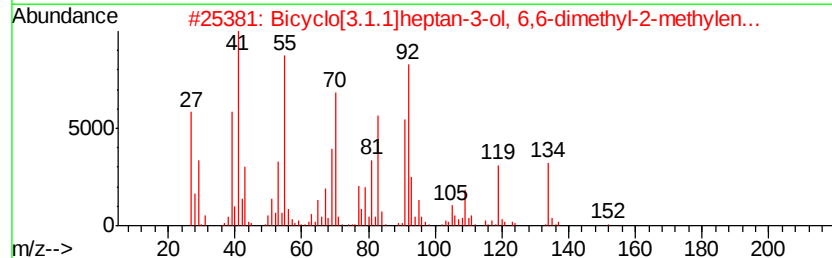
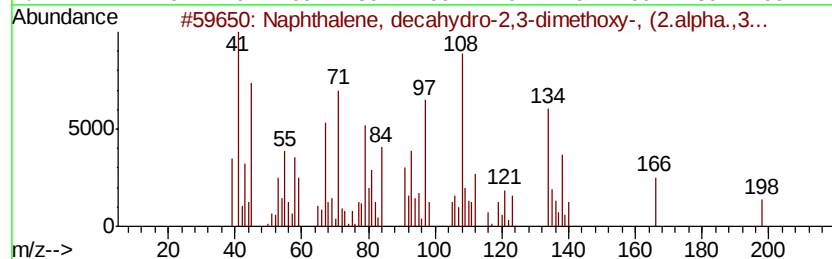
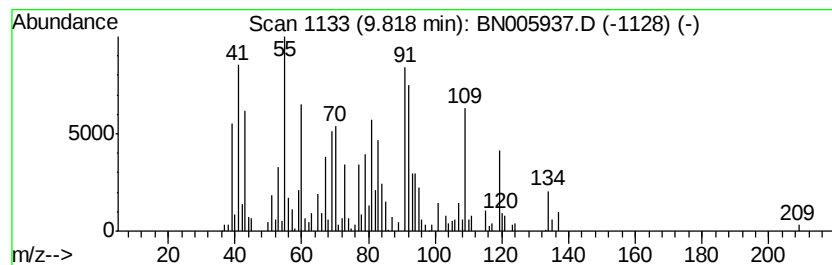
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, decahydro-2,3-... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.12 ng/ul	415260	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2,3-dimet...	198	C12H22O2	042067-52-7	56
2		Bicyclo[3.1.1]heptan-3-ol, 6,6-d...	152	C10H16O	000547-61-5	38
3		(6,6-Dimethylbicyclo[3.1.1]hept-...	224	C13H20O3	1000373-80-4	22
4		Benzenamine, N-hydroxy-	109	C6H7NO	000100-65-2	18
5		Methyl 10,12-pentacosadiynoate	388	C26H44O2	1000342-58-7	14



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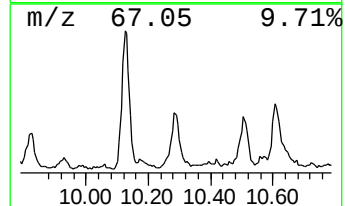
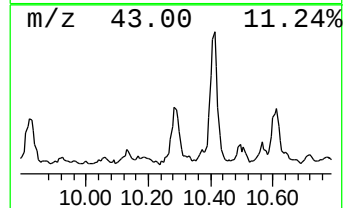
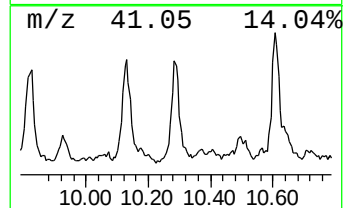
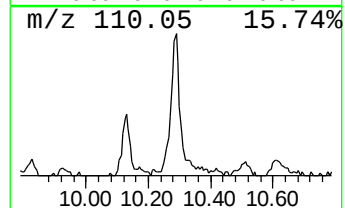
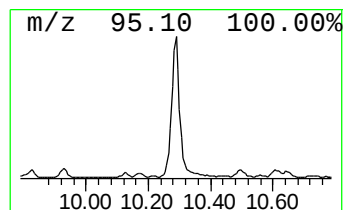
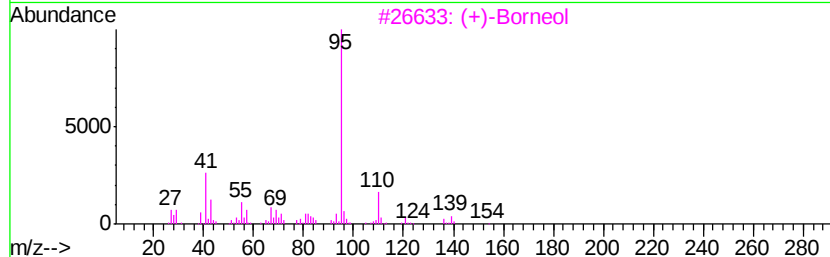
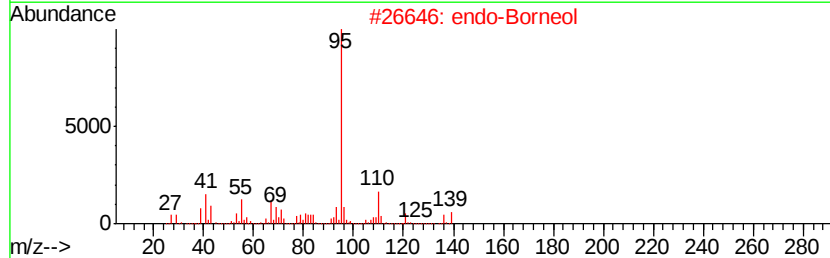
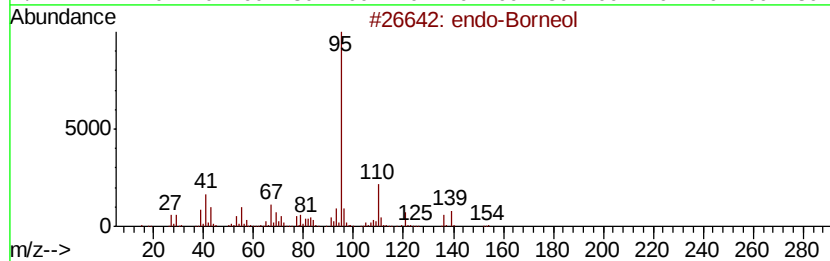
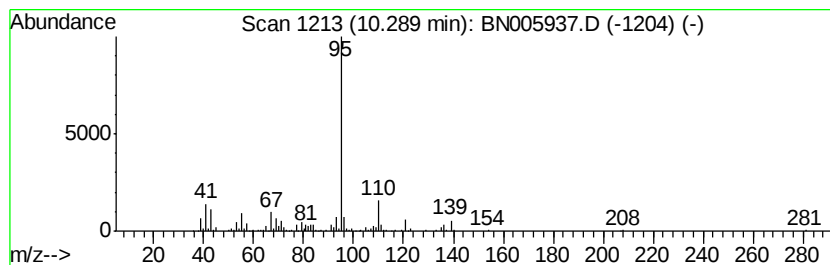
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 endo-Borneol Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	2.80 ng/ul	549609	Napthalene-d8	10.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	endo-Borneol	154 C10H18O	000507-70-0	90
2	endo-Borneol	154 C10H18O	000507-70-0	86
3	(+)-Borneol	154 C10H18O	1000150-76-3	83
4	2-Amino-4-methylbut-2-enenitrile	110 C6H10N2	1000197-39-9	72
5	Furan, 2-ethyl-5-methyl-	110 C7H10O	001703-52-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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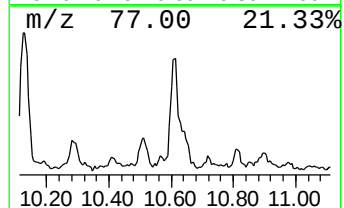
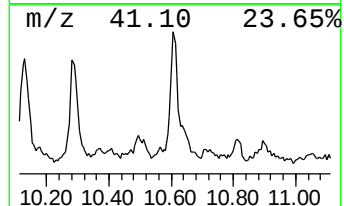
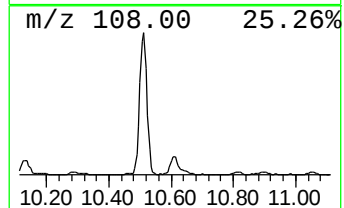
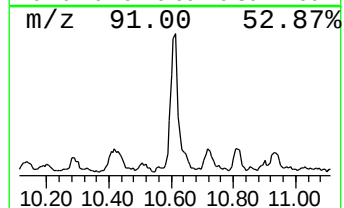
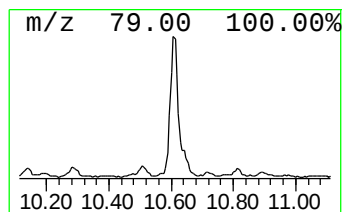
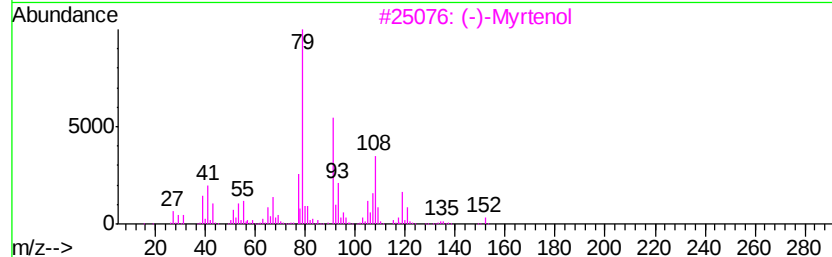
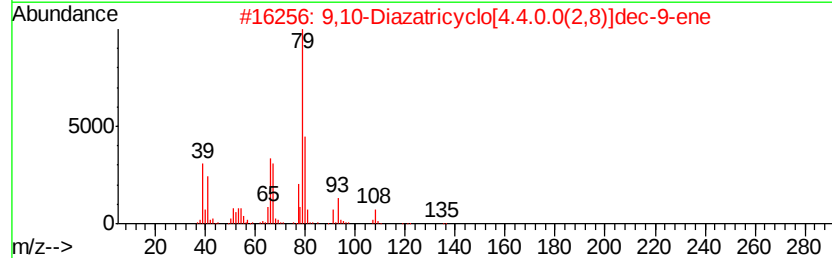
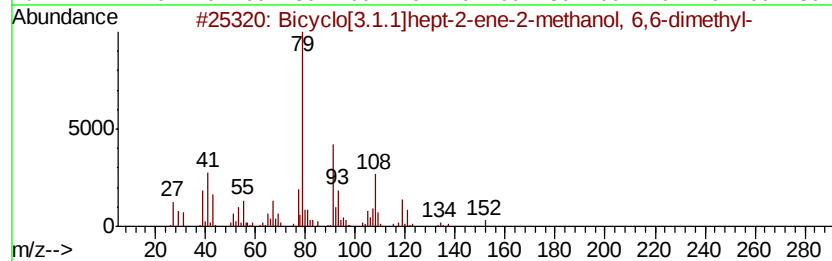
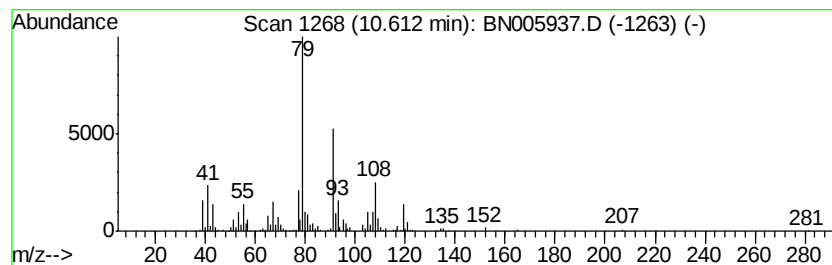
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Bicyclo[3.1.1]hept-2-ene-2-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	2.55 ng/ul	499347	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]hept-2-ene-2-metha...	152	C10H16O	000515-00-4	90
2		9,10-Diazatricyclo[4.4.0.0(2,8)]...	136	C8H12N2	1000142-35-1	64
3		(-)-Myrtenol	152	C10H16O	019894-97-4	64
4		Bicyclo[3.1.1]hept-2-ene-2-metha...	152	C10H16O	000515-00-4	64
5		Bicyclo[3.1.1]hept-2-ene-2-metha...	152	C10H16O	000515-00-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
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Acq On : 29 May 2019 19:05
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Sample : K2924-12
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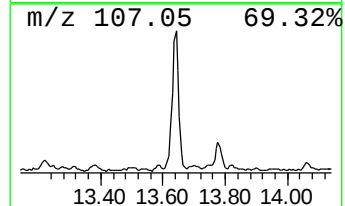
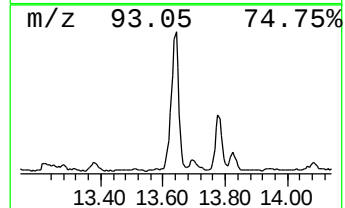
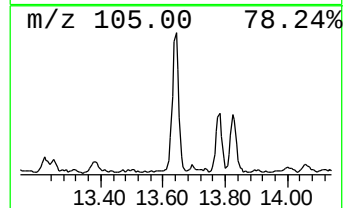
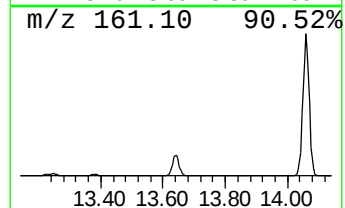
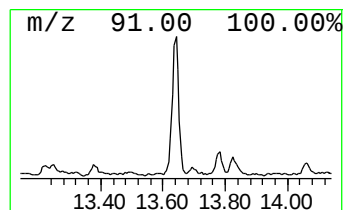
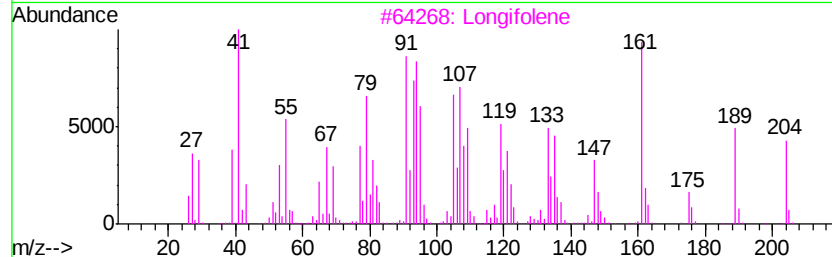
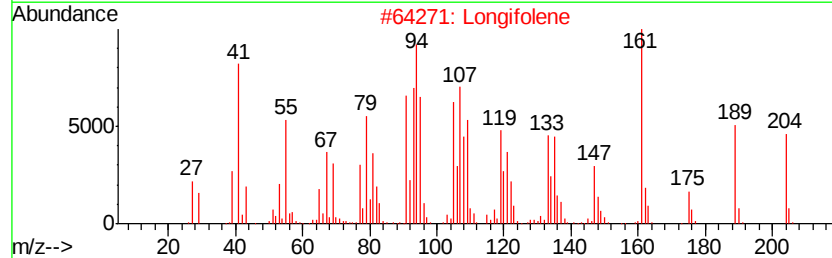
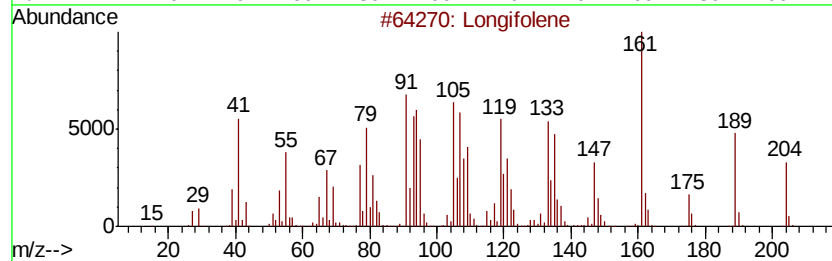
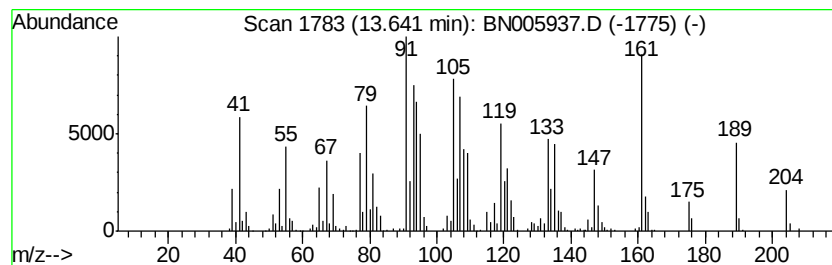
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Longifolene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	5.13 ng/ul	1406840	Acenaphthene-d10	14.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Longifolene		204 C15H24	000475-20-7 99
2	Longifolene		204 C15H24	000475-20-7 99
3	Longifolene		204 C15H24	000475-20-7 97
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...		204 C15H24	004630-07-3 95
5	Longifolene		204 C15H24	000475-20-7 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

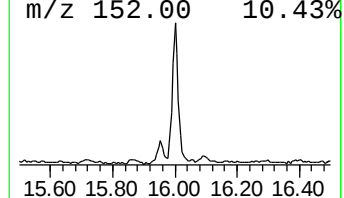
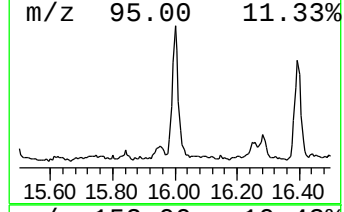
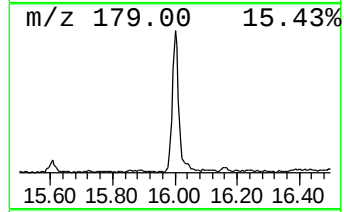
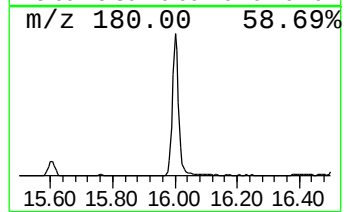
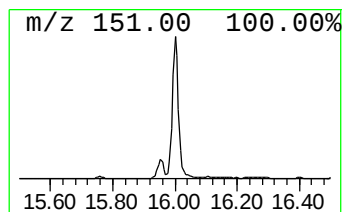
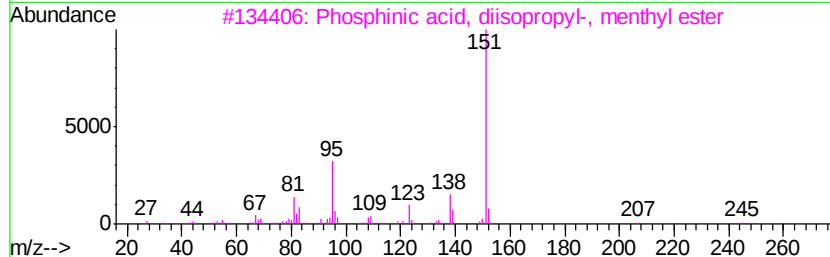
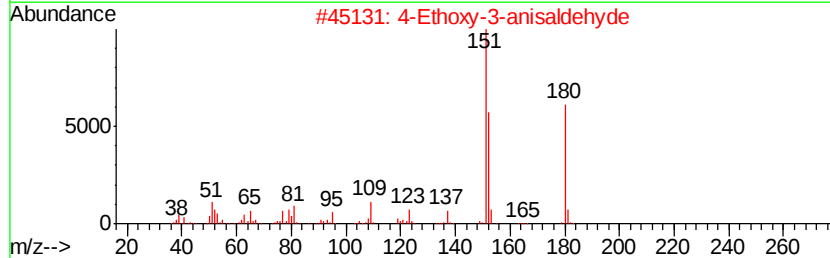
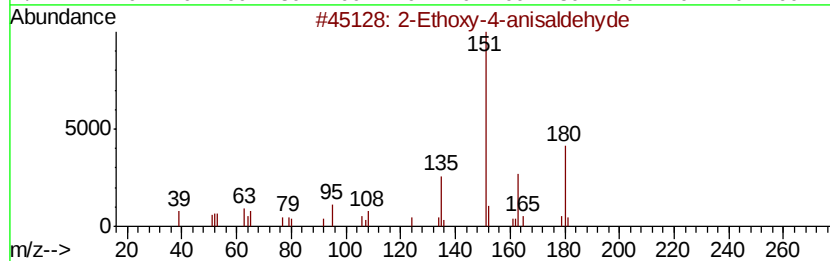
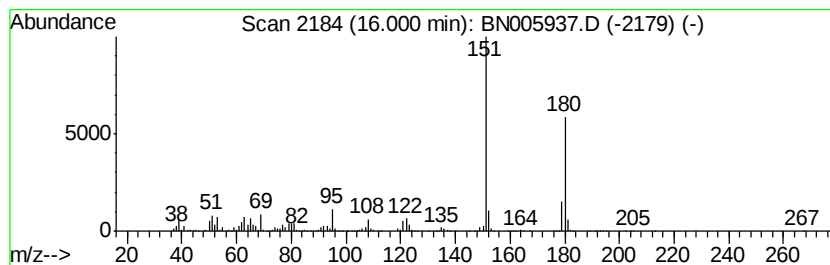
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 2-Ethoxy-4-anisaldehyde Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	5.02 ng/ul	1631980	Phenanthrene-d10	17.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Ethoxy-4-anisaldehyde	180 C10H12O3	042924-37-8	72
2	4-Ethoxy-3-anisaldehyde	180 C10H12O3	000120-25-2	59
3	Phosphinic acid, diisopropyl-, m...	288 C16H33O2P	1000153-39-6	47
4	Ethanone, 1-(2-hydroxy-4-methoxy...	166 C9H10O3	000552-41-0	47
5	2'-Hydroxy-4'-methoxyacetophenon...	208 C11H12O4	1000352-92-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
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Sample : K2924-12
Misc :
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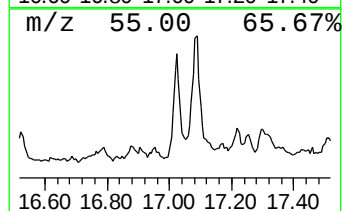
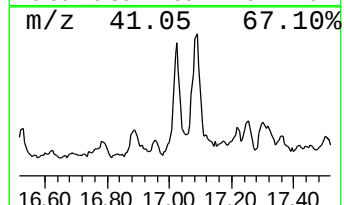
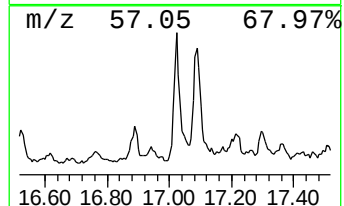
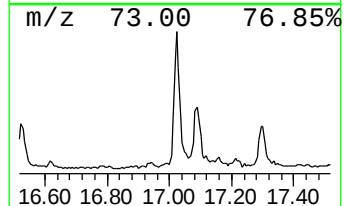
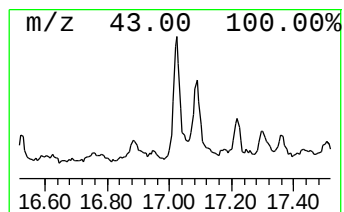
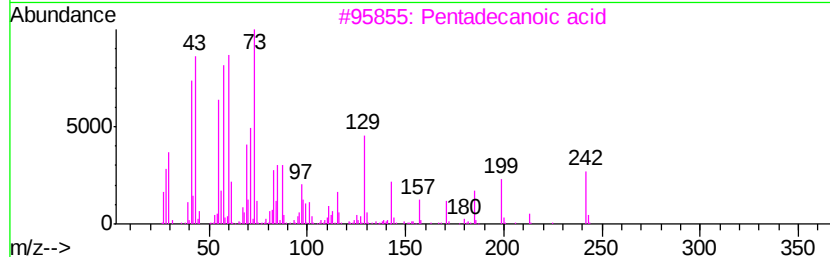
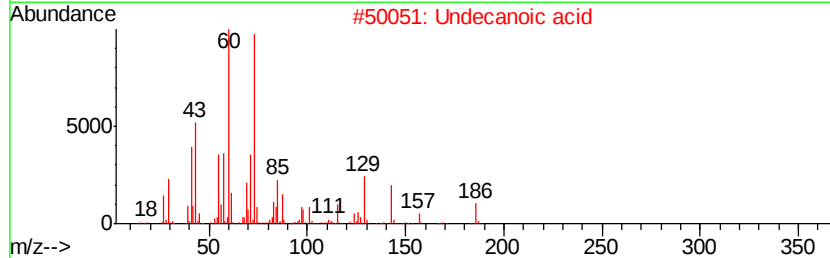
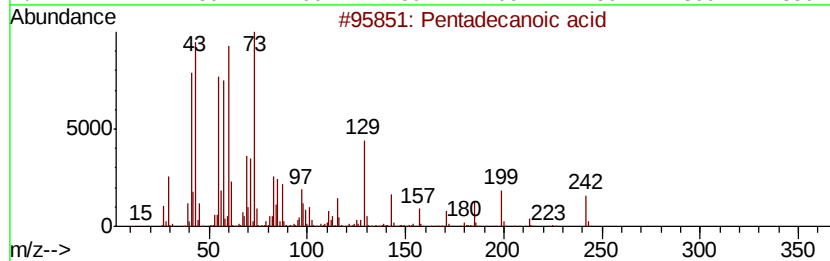
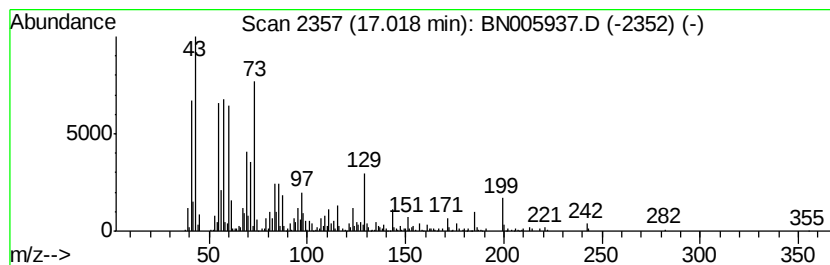
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Pentadecanoic acid Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	2.32 ng/ul	754038	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2		Undecanoic acid	186	C11H22O2	000112-37-8	74
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Dodecanoic acid	200	C12H24O2	000143-07-7	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
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Misc :
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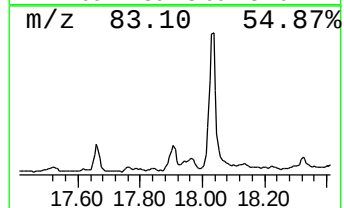
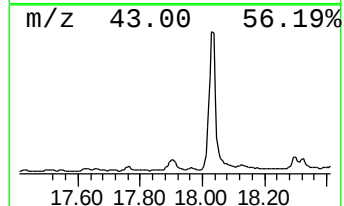
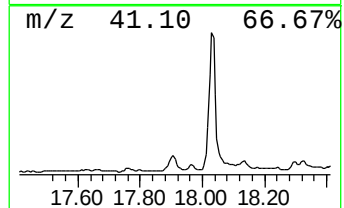
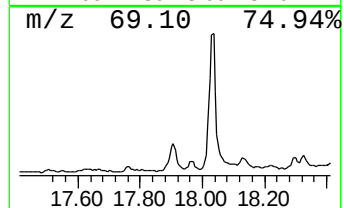
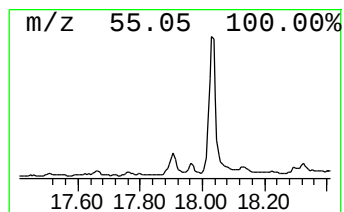
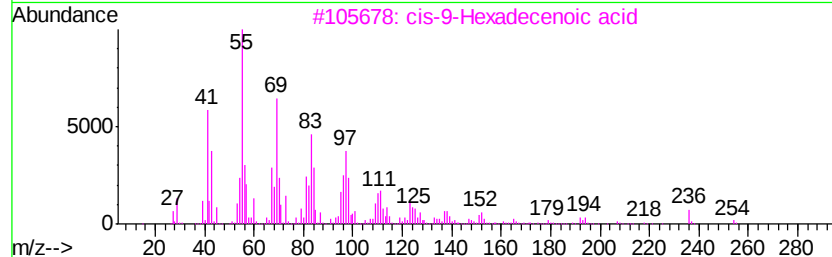
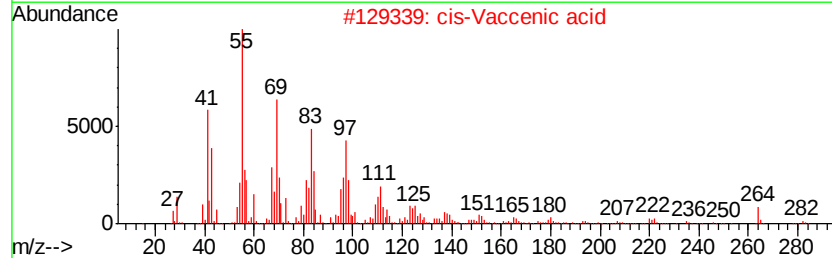
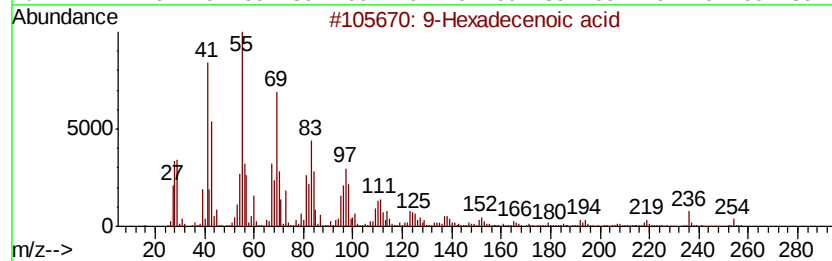
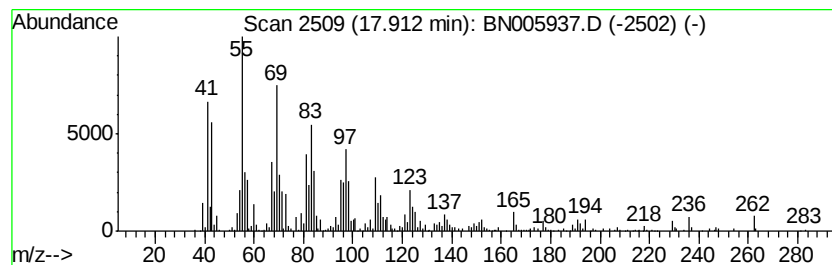
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9-Hexadecenoic acid Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	3.24 ng/ul	1052320	Phenanthrene-d10	17.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Hexadecenoic acid	254	C16H30O2	002091-29-4	70
2			cis-Vaccenic acid	282	C18H34O2	000506-17-2	70
3			cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	64
4			Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	64
5			Palmitoleic acid	254	C16H30O2	000373-49-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
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Misc :
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ClientSampleId :
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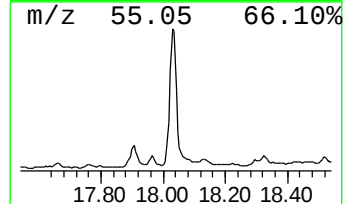
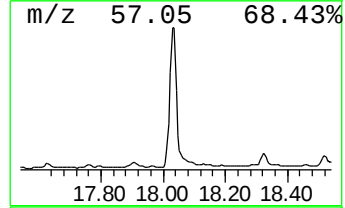
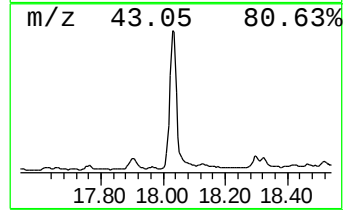
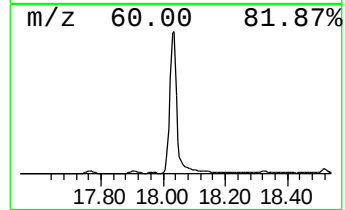
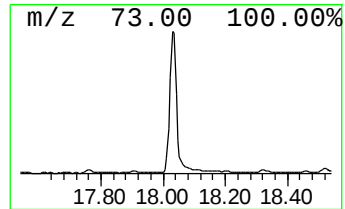
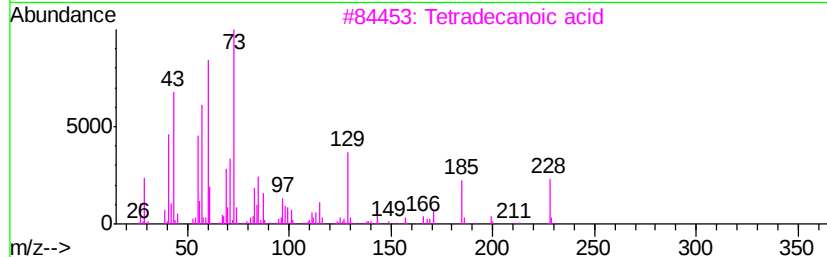
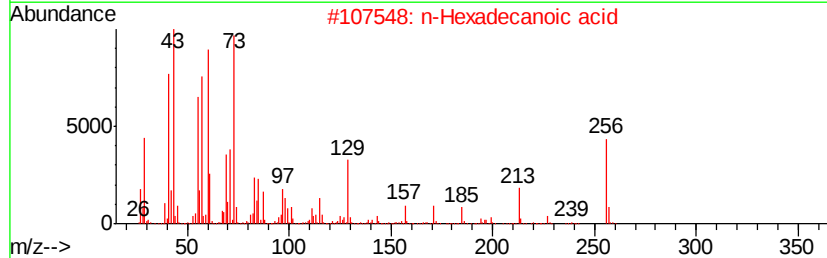
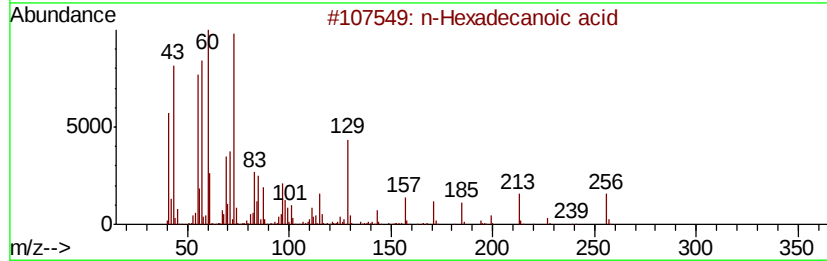
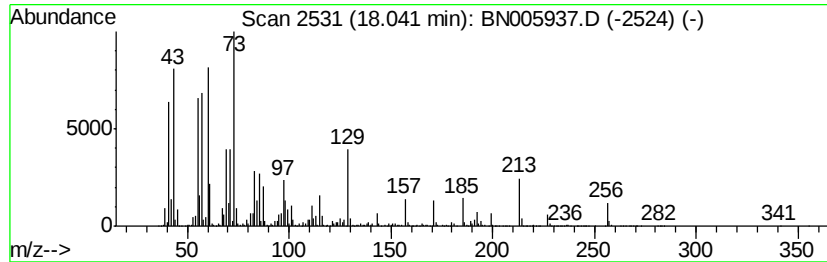
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	24.76 ng/ul	8042070	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	92



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ALS Vial : 17 Sample Multiplier: 1

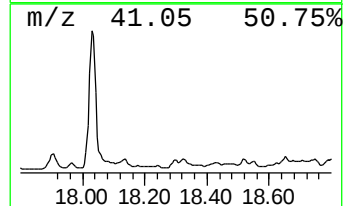
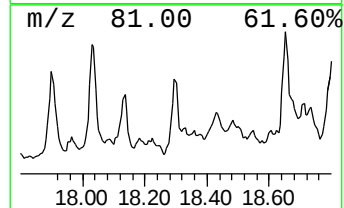
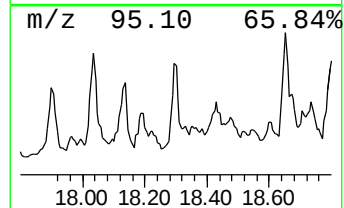
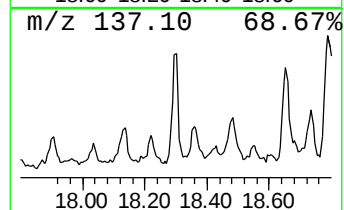
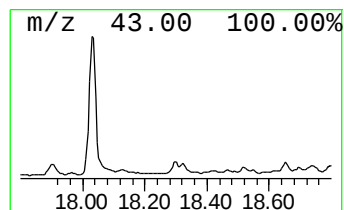
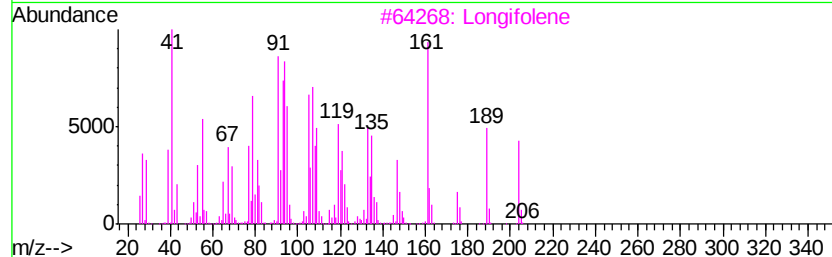
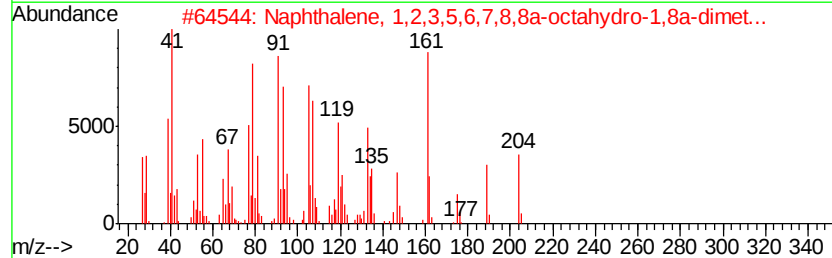
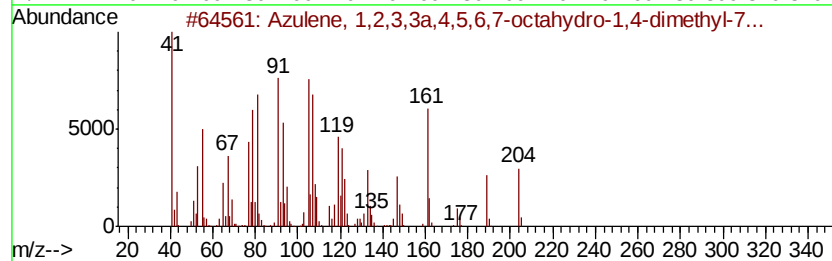
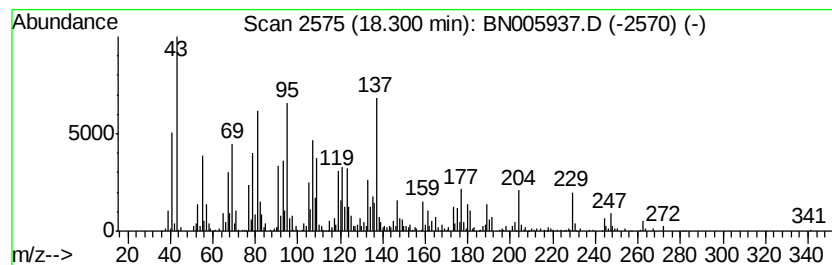
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Azulene, 1,2,3,3a,4,5,6,7-o... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.30	2.42 ng/ul	787086	Phenanthrene-d10	17.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Azulene, 1,2,3,3a,4,5,6,7-octahydro-1H-phenanthrene	204	C15H24	022567-17-5	53
2		Naphthalene, 1,2,3,5,6,7,8,8a-octahydro-1H-phenanthrene	204	C15H24	004630-07-3	48
3		Longifolene	204	C15H24	000475-20-7	42
4		3,7-Benzofurandiol, 2,3-dihydro-1H-phenanthrene	180	C10H12O3	017781-15-6	35
5		Phosphonic acid, bicyclo[2.2.1]hept-2-ene-2-ylidene-	204	C9H17O3P	031061-88-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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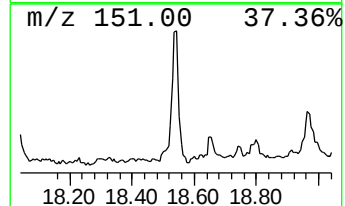
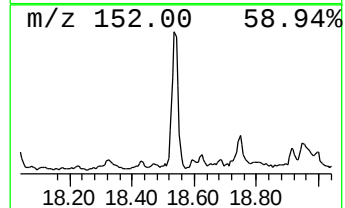
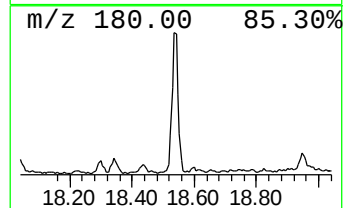
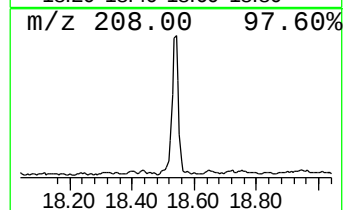
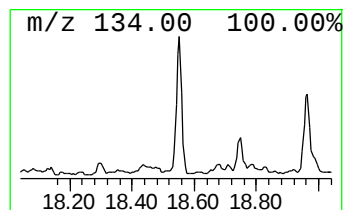
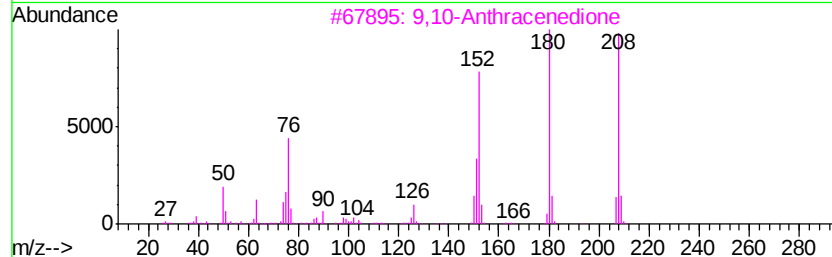
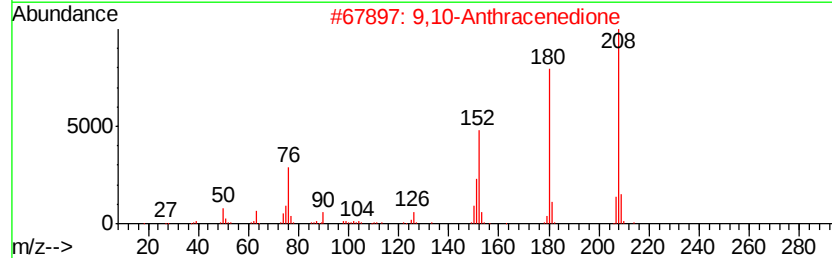
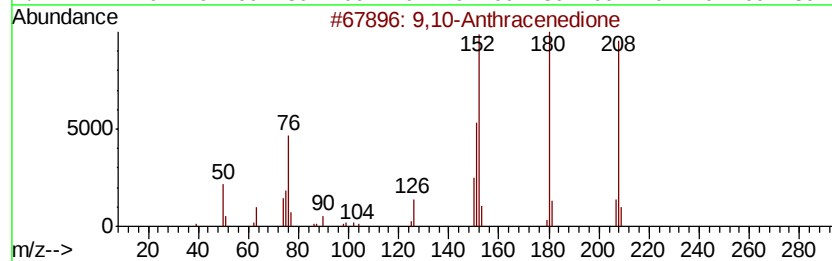
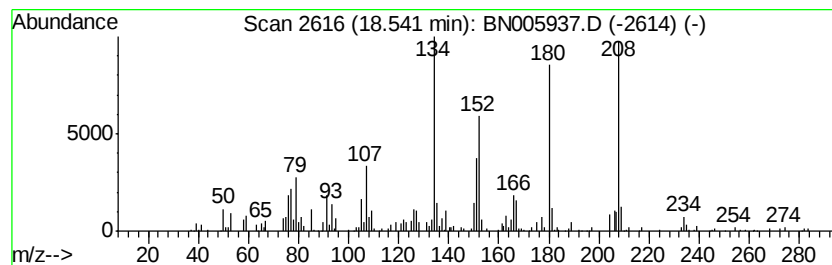
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 9,10-Anthracenedione Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.35 ng/ul	763199	Phenanthrene-d10	17.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	92
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	58
4			3,5-Dimethyl-4-phenylaminomethyl...	272	C16H20N2O2	1000300-68-1	41
5			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

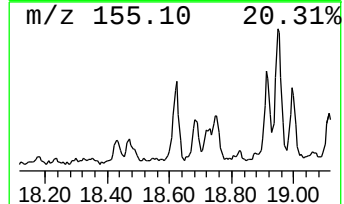
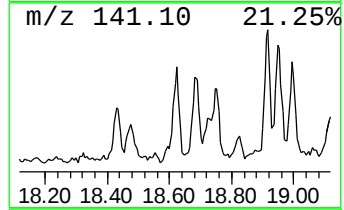
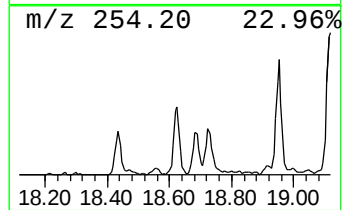
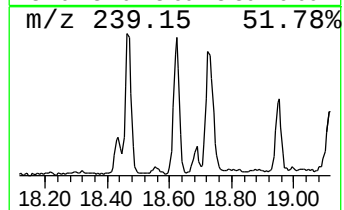
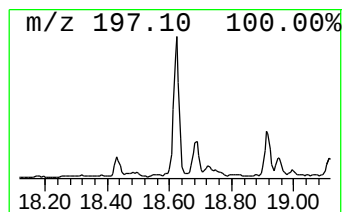
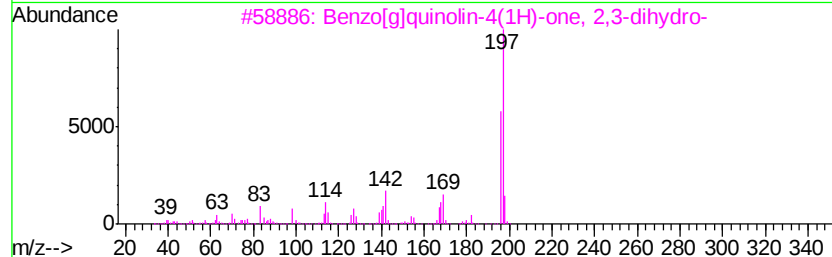
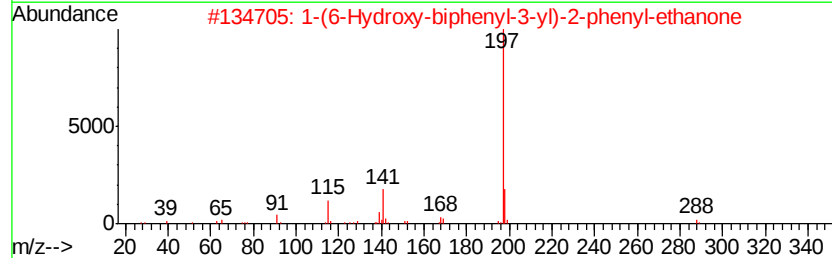
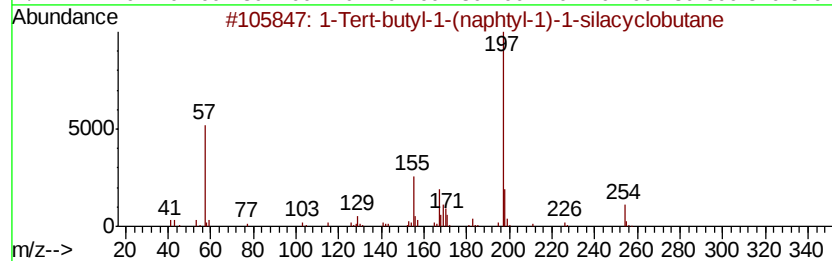
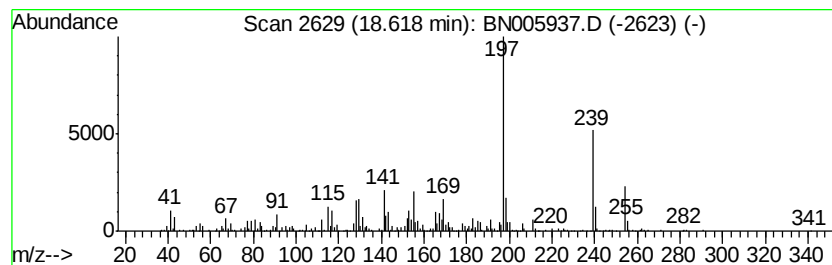
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 1-Tert-butyl-1-(naphthyl-1)-... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.62	2.14 ng/ul	693651	Phenanthrene-d10	17.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tert-butyl-1-(naphthyl-1)-1-sil...	254	C17H22Si	093241-91-9	53
2	1-(6-Hydroxy-biphenyl-3-yl)-2-ph...	288	C20H16O2	1000194-28-8	38
3	Benzo[<i>a</i>]quinolin-4(1 <i>H</i>)-one, 2,3-...	197	C13H11NO	021516-07-4	35
4	Formamide, N-(1,1'-biphenyl)-2-yl-	197	C13H11NO	005346-21-4	35
5	Succinic acid, 2-octyl 1,1,1-tri...	326	C15H25F3O4	1000370-97-2	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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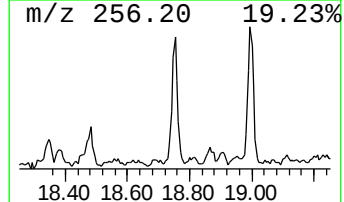
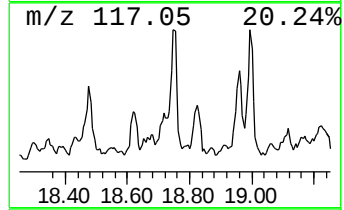
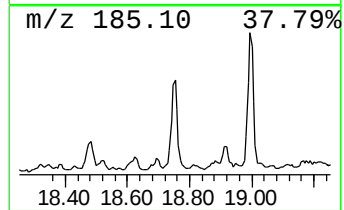
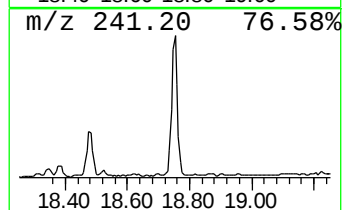
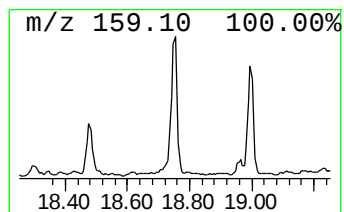
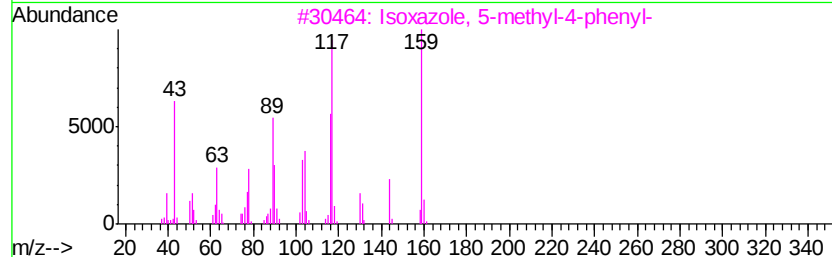
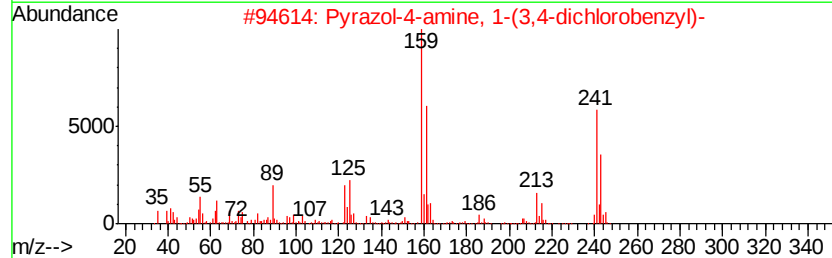
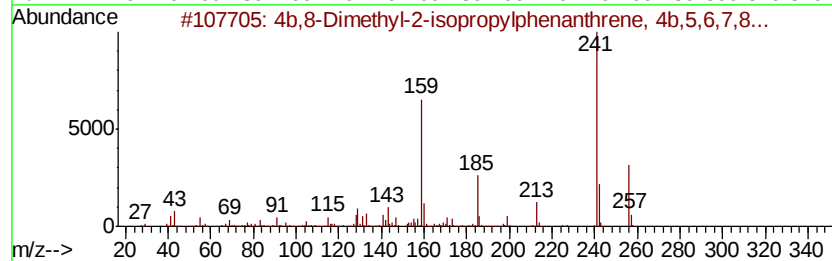
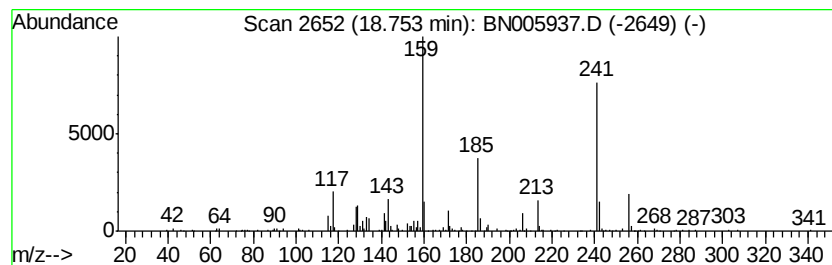
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 4b,8-Dimethyl-2-isopropylph... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	2.19 ng/ul	710753	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	91
2		Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	52
3		Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	38
4		trans-calamenene	202	C15H22	1000374-17-3	30
5		s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

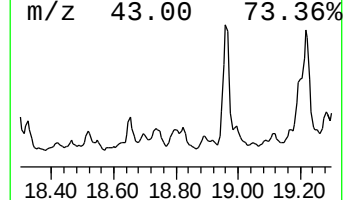
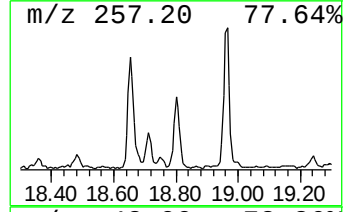
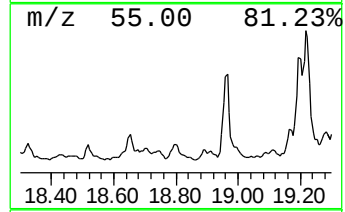
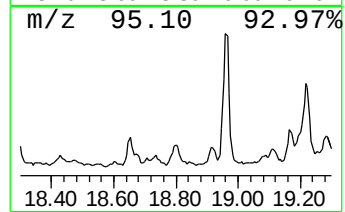
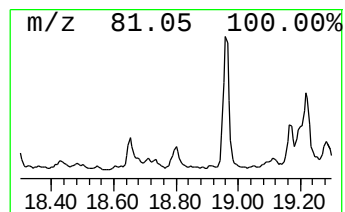
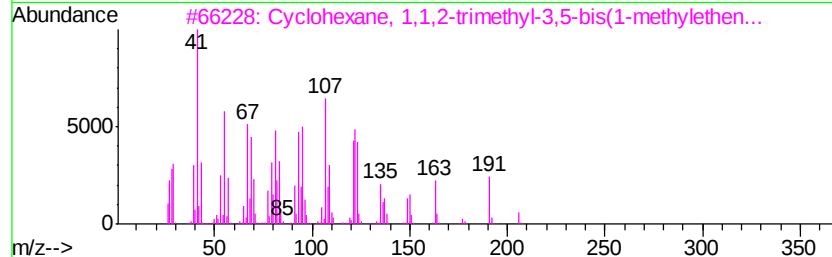
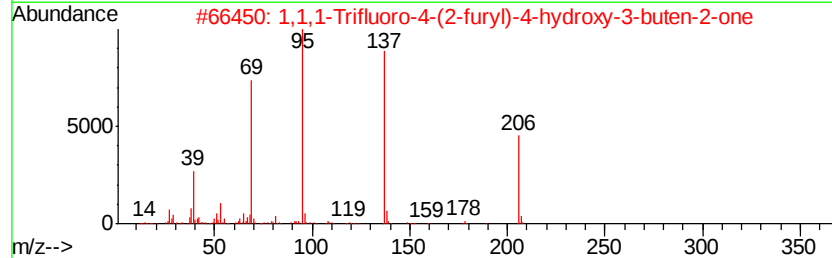
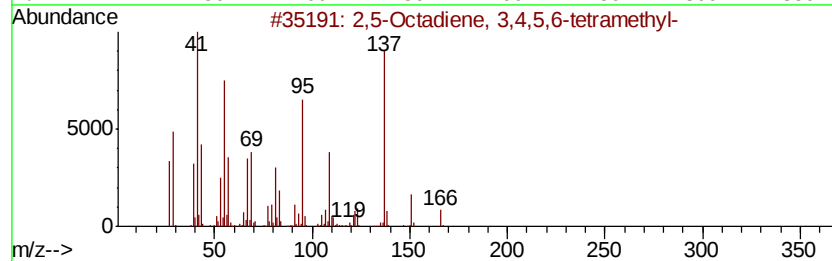
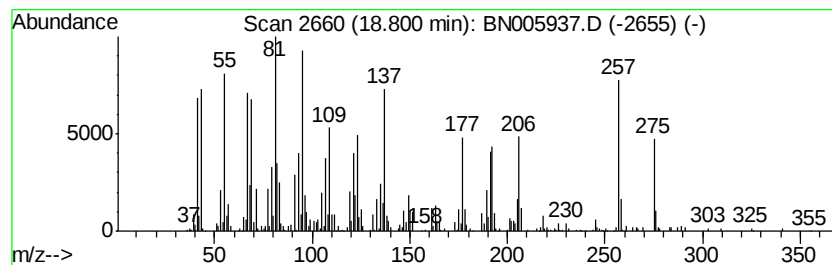
Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	2.72 ng/ul	884695	Phenanthrene-d10	17.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,5-Octadiene, 3,4,5,6-tetramethyl-	166 C12H22	247797-85-9	27
2	1,1,1-Trifluoro-4-(2-furyl)-4-hy...	206 C8H5F3O3	015788-03-1	25
3	Cyclohexane, 1,1,2-trimethyl-3,5...	206 C15H26	062337-97-7	22
4	4-Hexen-1-ol, 6-(2,6,6-trimethyl...	236 C16H28O	1000221-57-6	22
5	1-(2-Furyl)-4,4,4-trifluoro-1,3-...	206 C8H5F3O3	000326-90-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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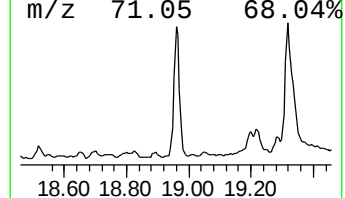
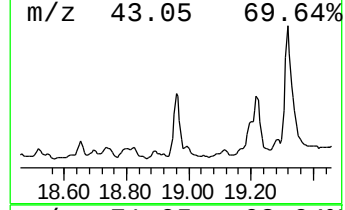
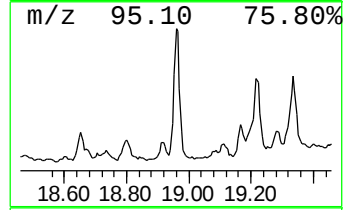
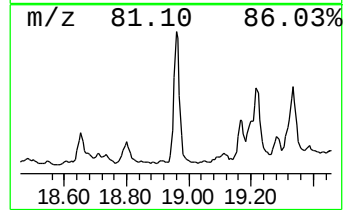
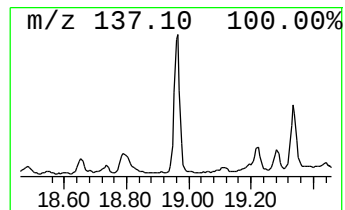
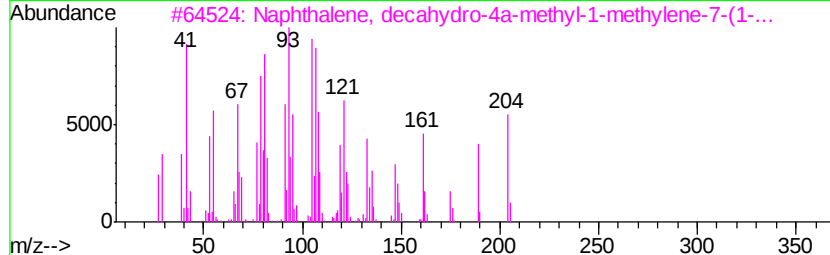
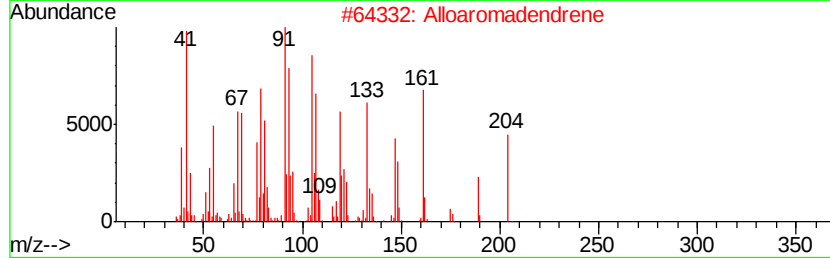
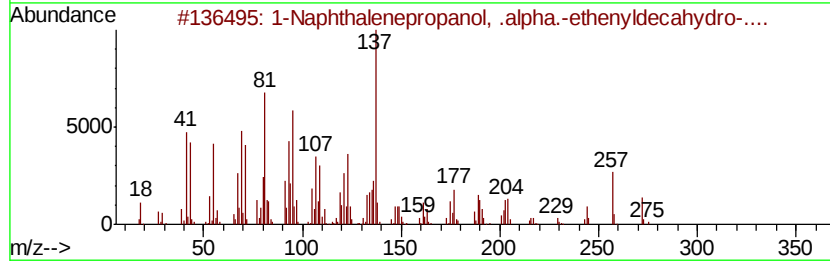
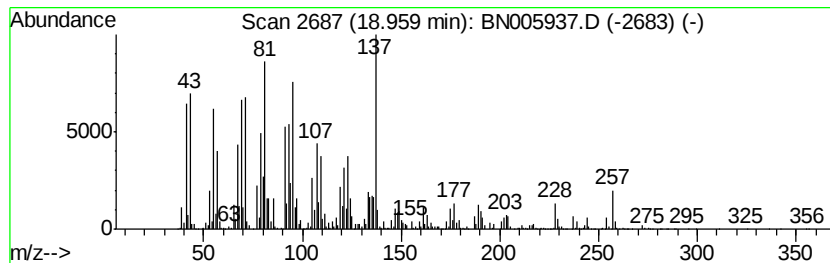
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1-Naphthalenepropanol, .alp... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	14.93 ng/ul	4850400	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	001438-62-6	70
2		Alloaromadendrene	204	C15H24	025246-27-9	55
3		Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	38
4		Bicyclo[5.2.0]nonane, 4-methylen...	204	C15H24	1000159-38-2	38
5		(E,E,E)-3,7,11,15-Tetramethylhex...	272	C20H32	077898-97-6	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampled :
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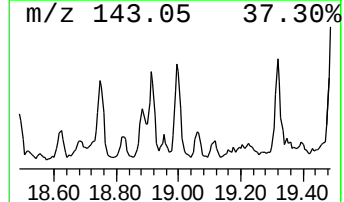
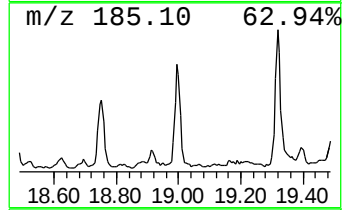
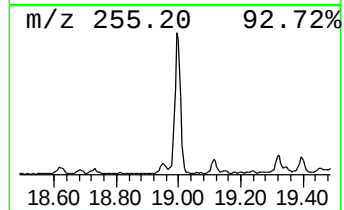
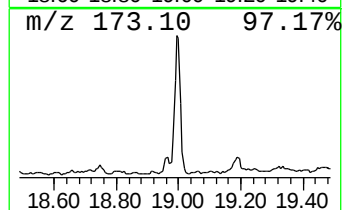
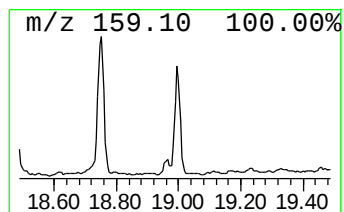
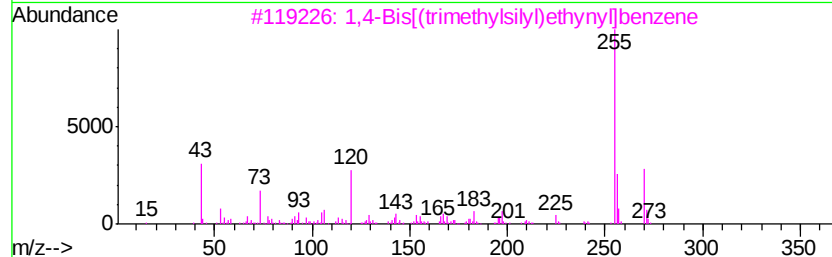
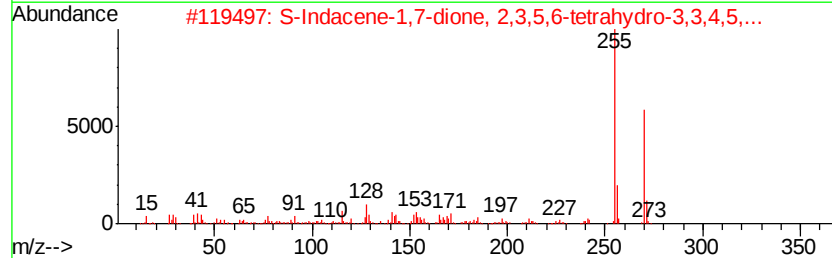
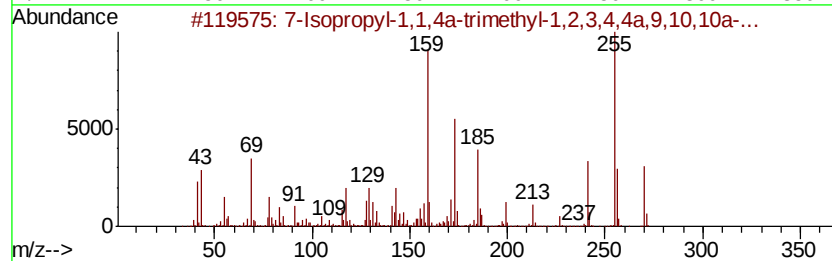
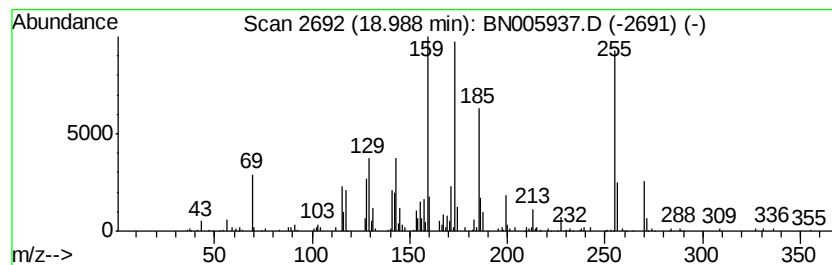
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 7-Isopropyl-1,1,4a-trimethy... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	3.23 ng/ul	1049700	Phenanthrene-d10	17.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	1000210-28-9	87
2			S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	30
3			1,4-Bis(trimethylsilyl)ethynyl...	270	C16H22Si2	073392-23-1	18
4			Naphthalene, 1,2,3,4-tetrahydro...	174	C13H18	030316-36-0	15
5			5-tert-Butyl-2,2'-dimethoxy-biph...	270	C18H22O2	1000318-04-7	14



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Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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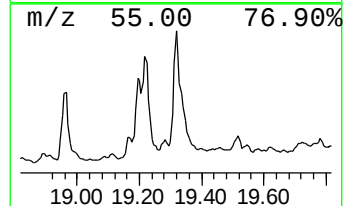
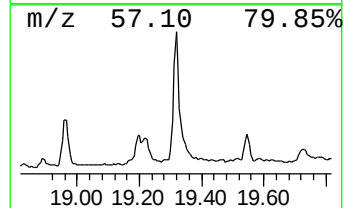
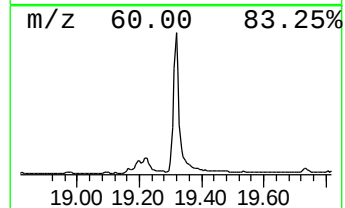
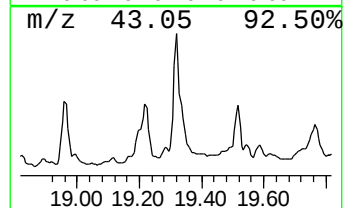
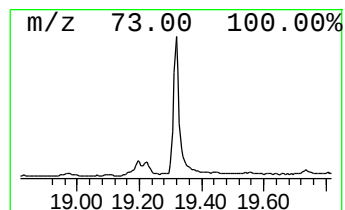
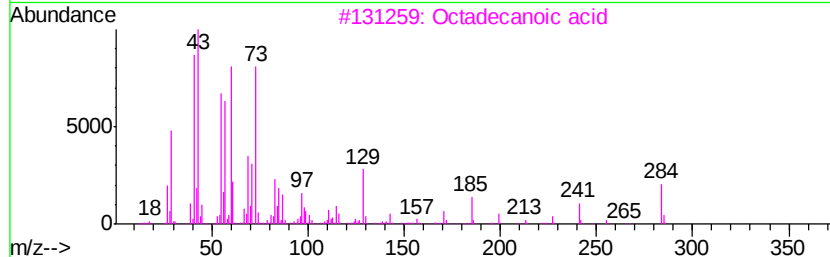
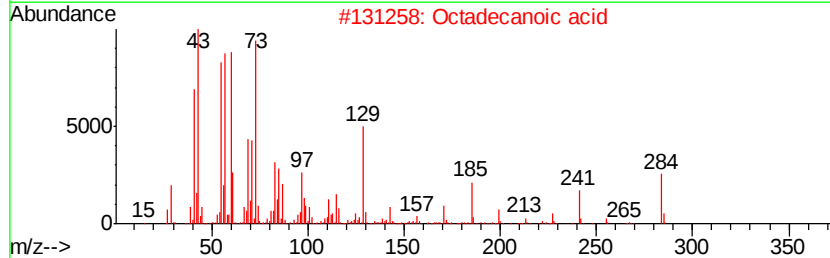
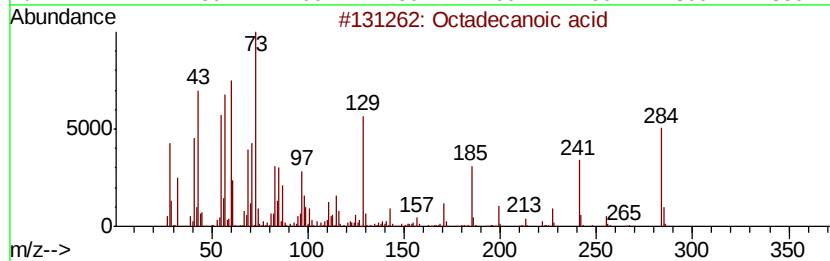
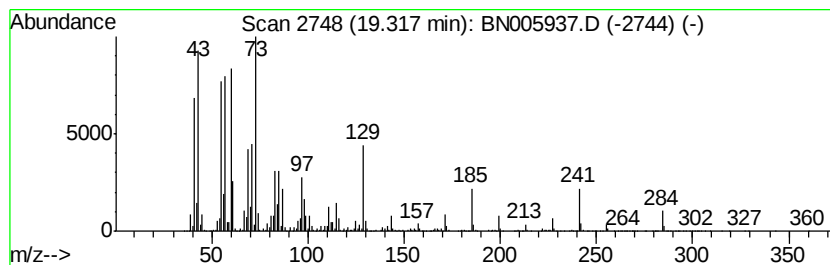
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	13.97 ng/ul	5937740	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	96
5		Octadecanoic acid	284	C18H36O2	000057-11-4	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
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Sample : K2924-12
Misc :
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Instrument :
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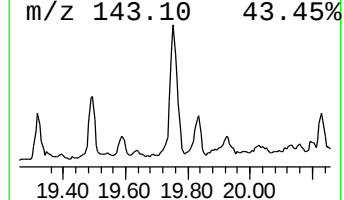
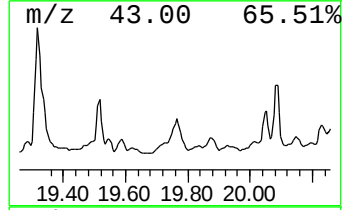
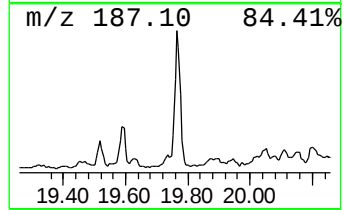
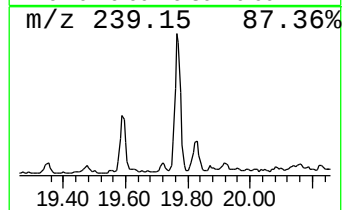
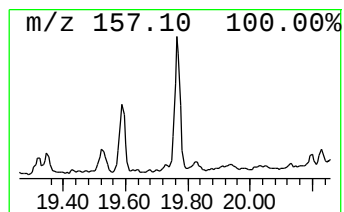
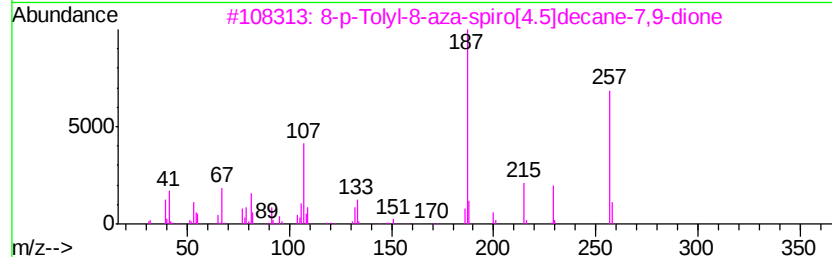
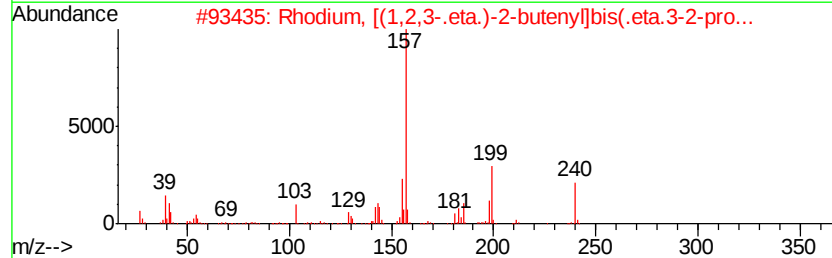
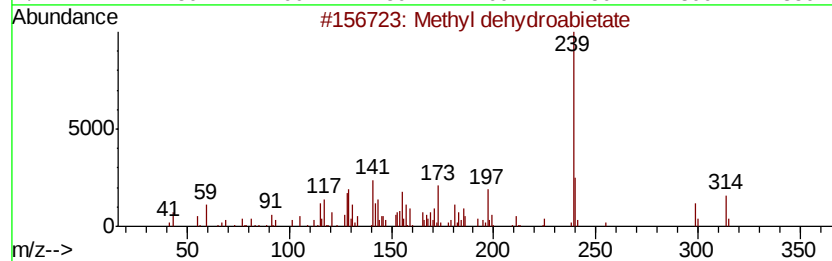
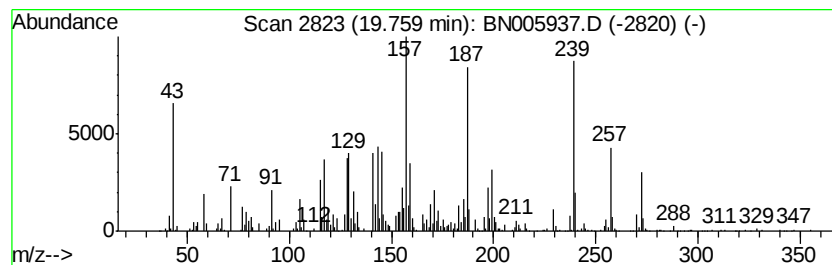
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.83 ng/ul	1628210	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl dehydroabietate	314	C21H30O2	001235-74-1	35
2		Rhodium, [(1,2,3-.eta.)-2-buteny...	240	C10H17Rh	074779-89-8	20
3		8-p-Tolyl-8-aza-spiro[4.5]decane...	257	C16H19N02	1000318-33-1	18
4		4-Chlorobenzoic acid, pentadecyl...	366	C22H35ClO2	1000280-37-9	15
5		4-Adamantan-1-yl-benzoic acid is...	298	C20H26O2	1000294-16-4	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
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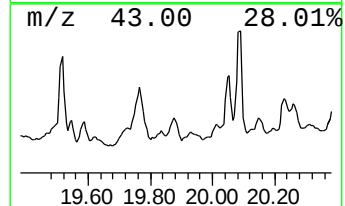
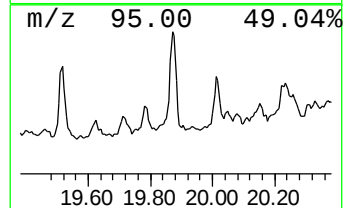
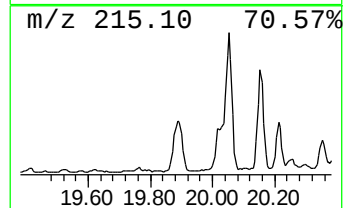
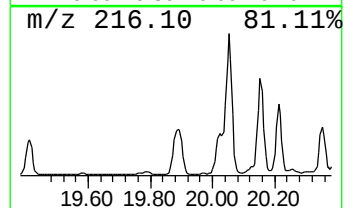
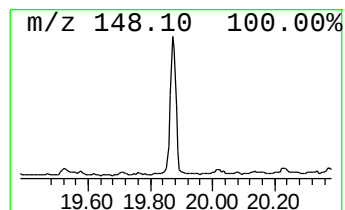
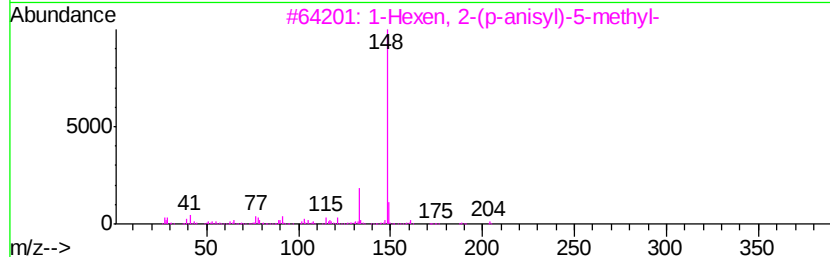
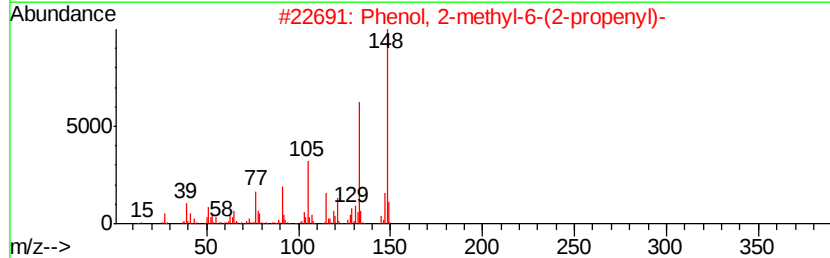
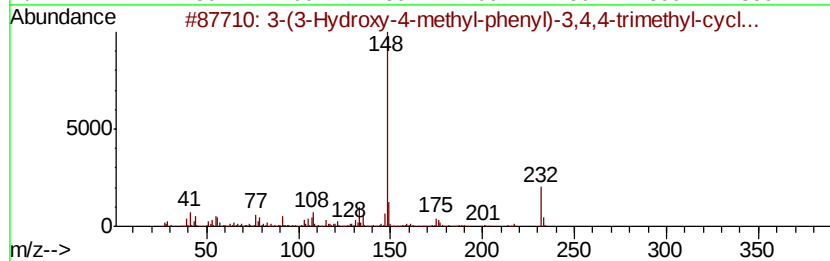
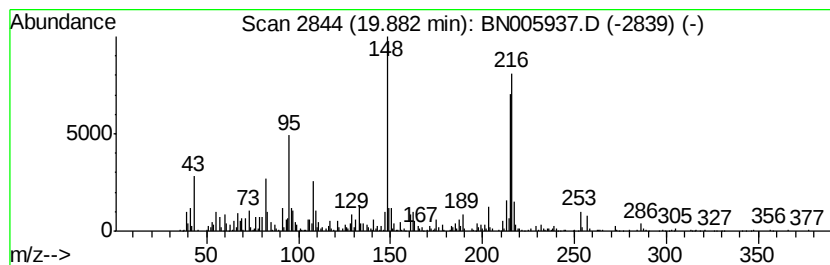
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 unknown-03 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.23 ng/ul	947118	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(3-Hydroxy-4-methyl-phenyl)-3,...	232	C15H20O2	1000185-23-6	43
2		Phenol, 2-methyl-6-(2-propenyl)-	148	C10H12O	003354-58-3	38
3		1-Hexen, 2-(p-anisyl)-5-methyl-	204	C14H20O	1000149-26-7	38
4		2-Allyl-4-methylphenol	148	C10H12O	006628-06-4	38
5		4(1H)-Pteridinone	148	C6H4N4O	000700-47-0	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
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Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

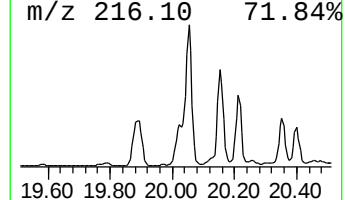
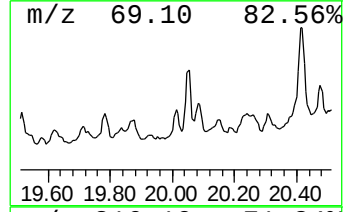
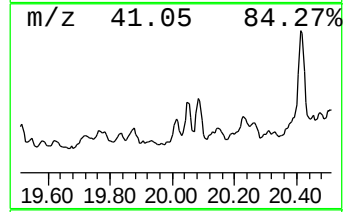
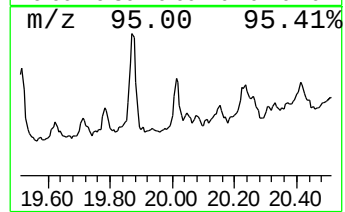
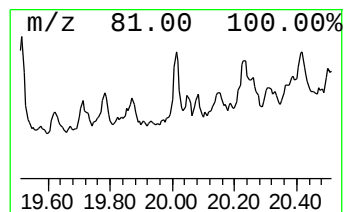
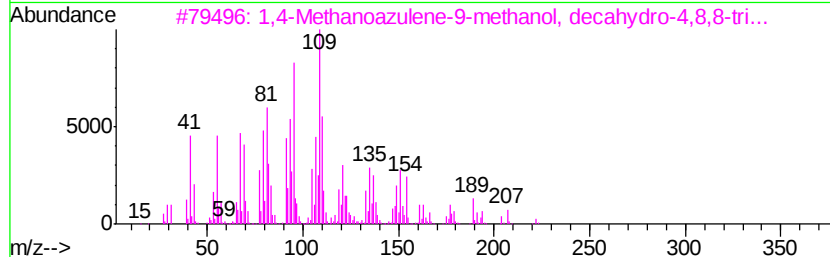
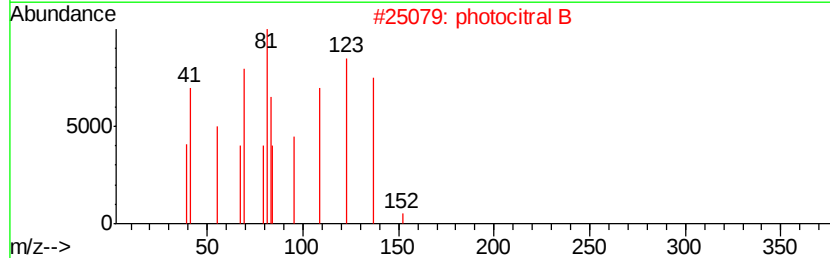
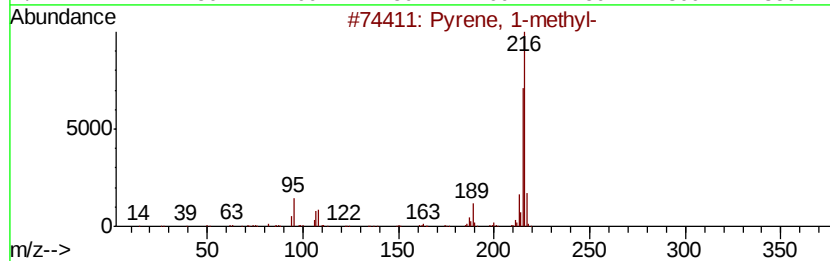
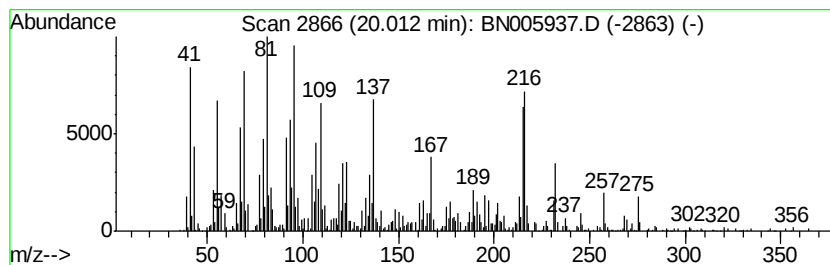
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	2.48 ng/ul	1053230	Chrysene-d12	21.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 58
2		photocitral B	152 C10H16O	006040-45-5 53
3		1,4-Methanoazulene-9-methanol, d...	222 C15H26O	001139-17-9 50
4		4,4-Diallyl-cyclohexanone	178 C12H18O	1000186-50-2 44
5		cis, cis-3-Ethylbicyclo[4.4.0]de...	166 C12H22	066660-42-2 41



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
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Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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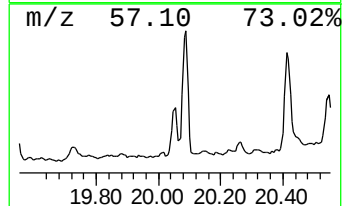
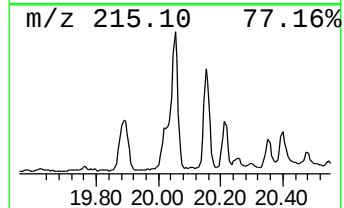
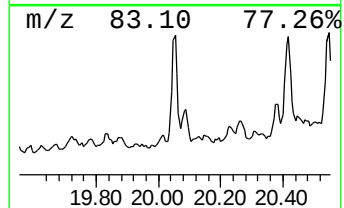
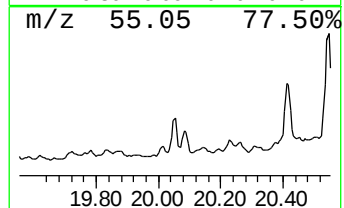
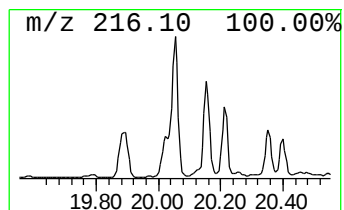
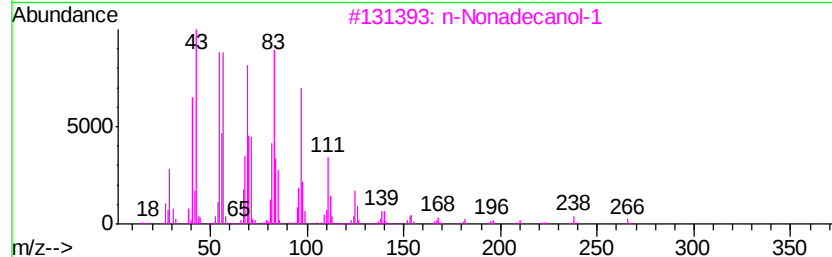
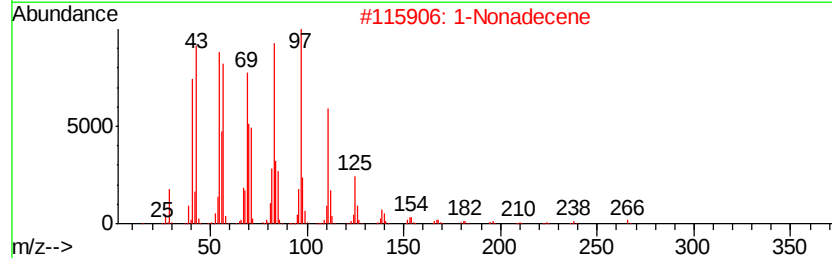
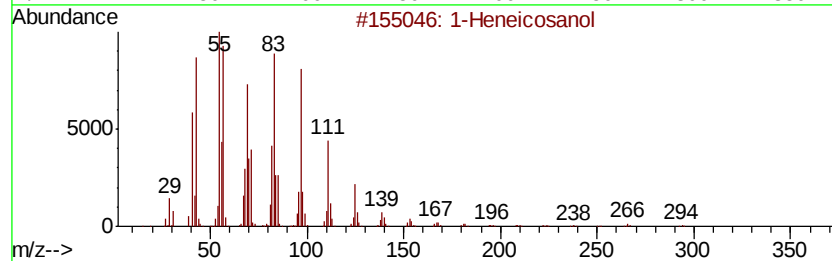
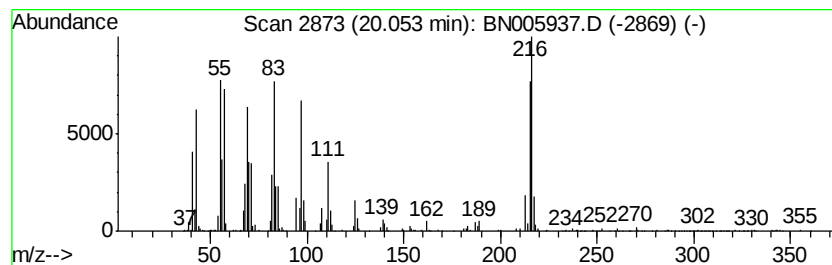
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1-Heneicosanol Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	4.08 ng/ul	1734400	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	87
2			1-Nonadecene	266	C19H38	018435-45-5	87
3			n-Nonadecanol-1	284	C19H40O	001454-84-8	86
4			1-Octadecene	252	C18H36	000112-88-9	72
5			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
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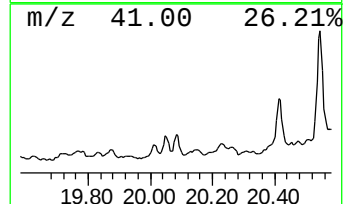
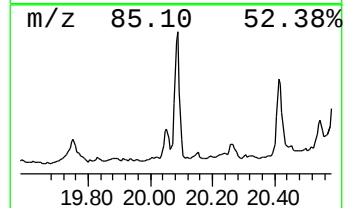
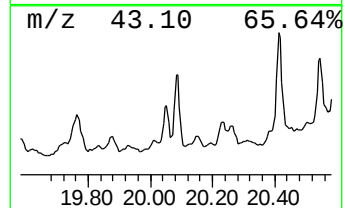
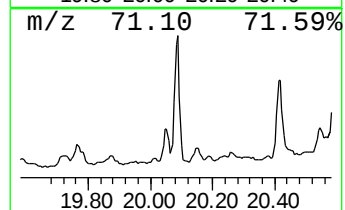
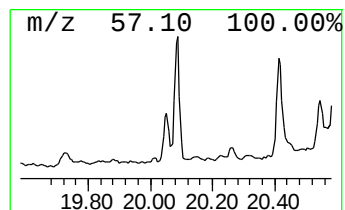
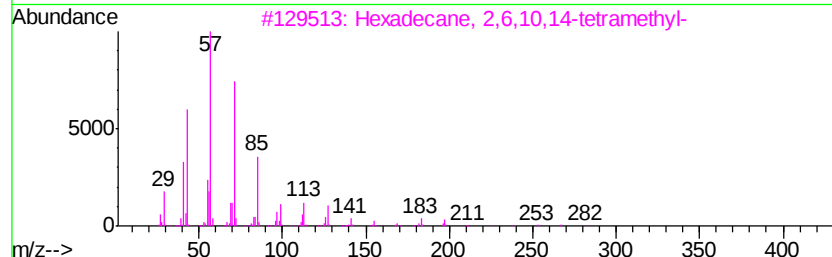
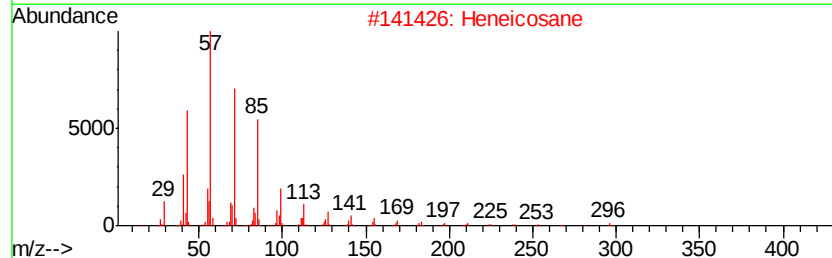
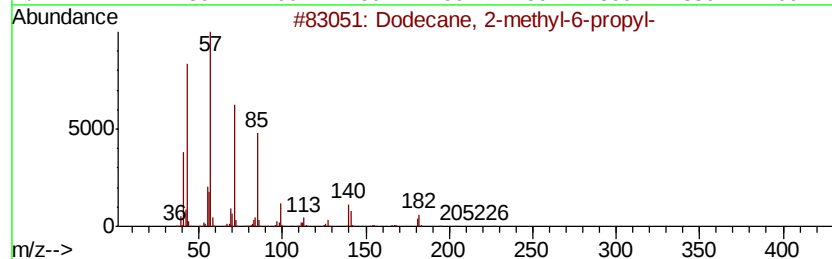
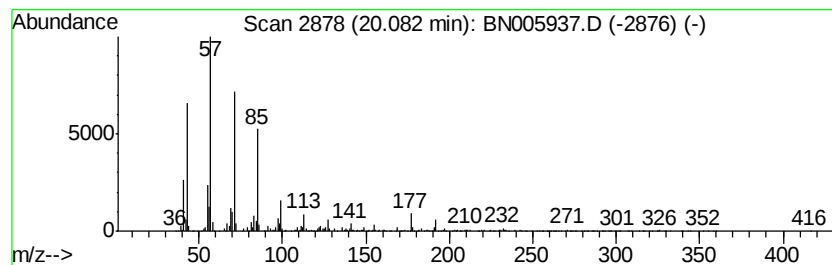
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	2.38 ng/ul	1009490	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4		Tetracosane	338	C24H50	000646-31-1	83
5		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
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Sample : K2924-12
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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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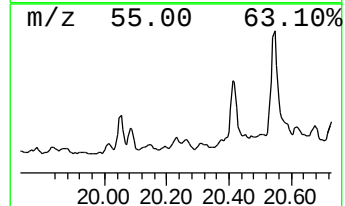
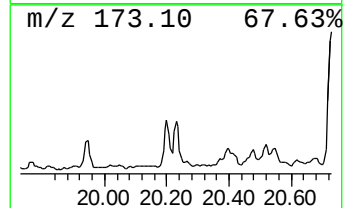
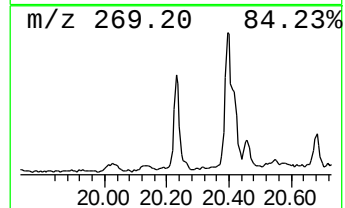
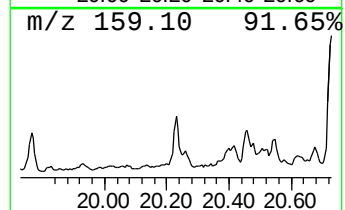
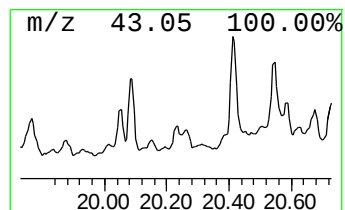
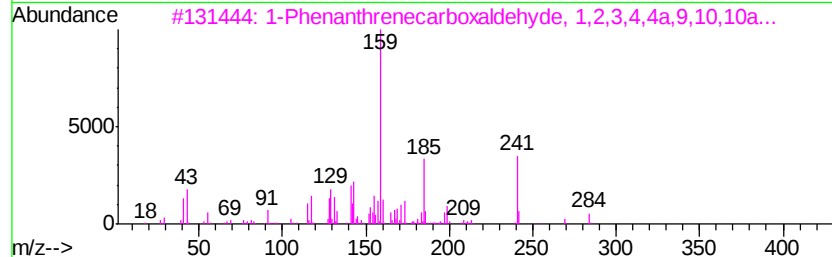
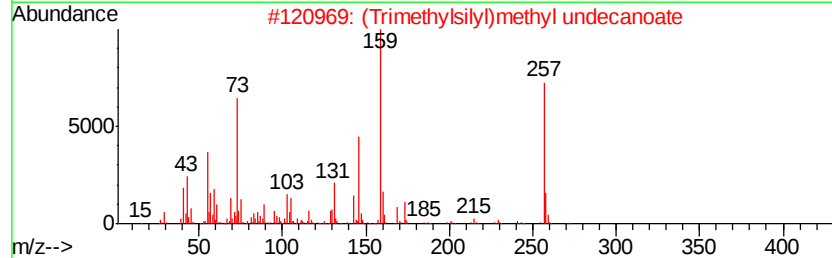
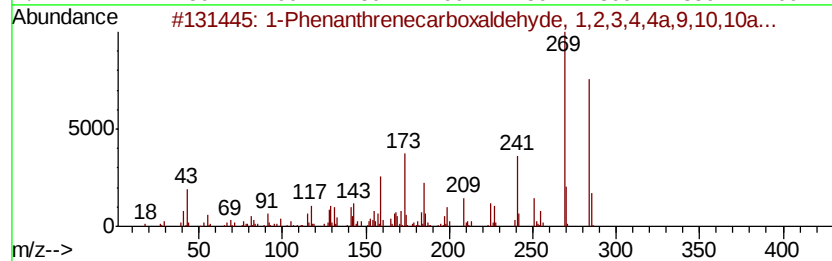
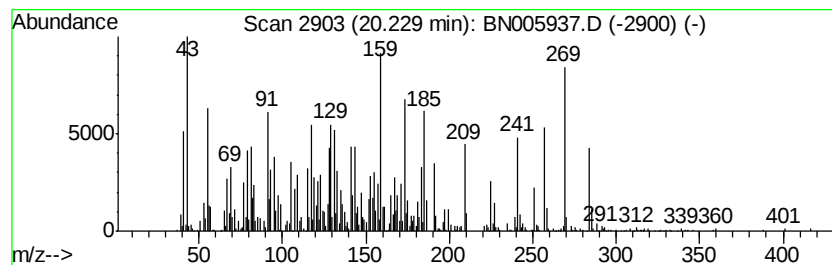
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1-Phenanthrenecarboxaldehyd... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.32 ng/ul	987408	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenanthrenecarboxaldehyd...	284	C20H28O	013601-88-2	94
2		(Trimethylsilyl)methyl undecanoate	272	C15H32O2Si	1000333-72-0	14
3		1-Phenanthrenecarboxaldehyd...	284	C20H28O	024035-50-5	11
4		4-Acetylphenyl 5-acetyl-2-methox...	284	C17H16O4	007251-24-3	11
5		Diethylmalonic acid, heptyl 4-tr...	416	C22H31F3O4	1000368-40-5	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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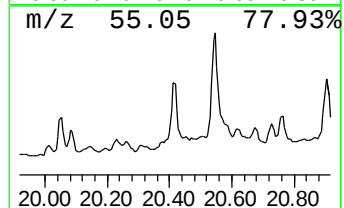
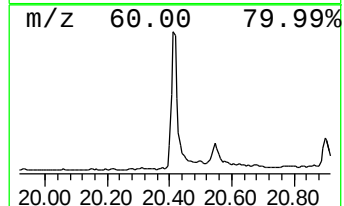
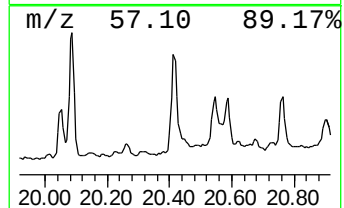
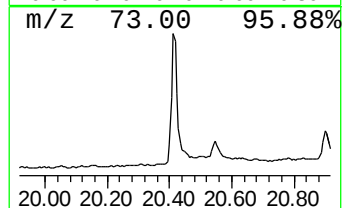
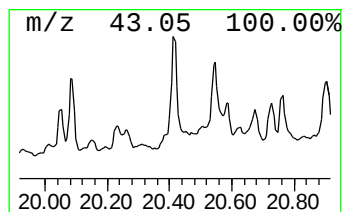
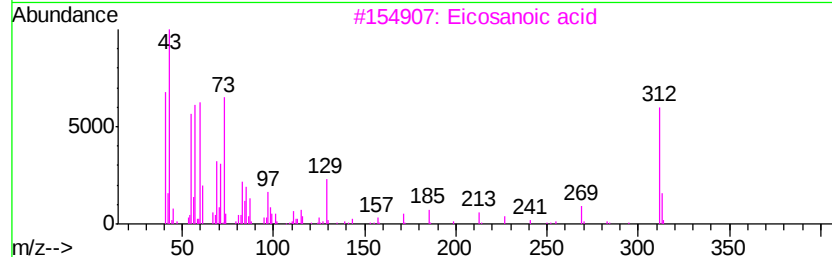
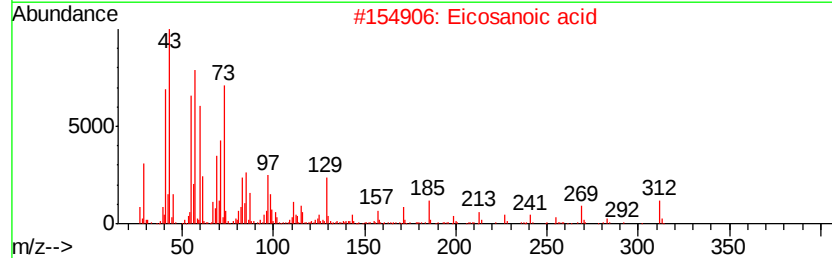
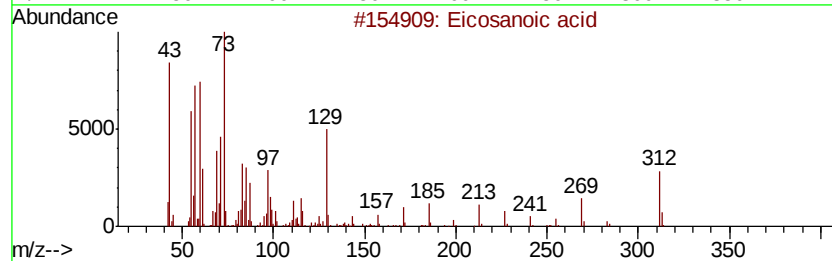
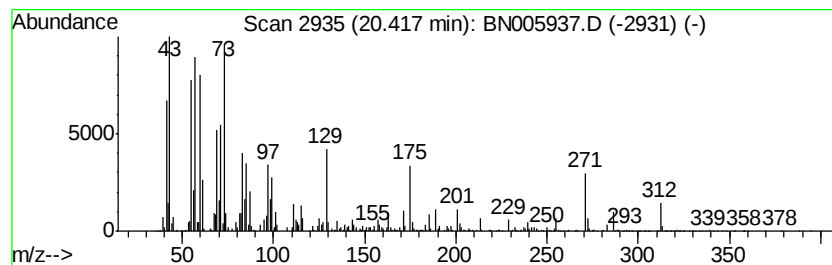
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Eicosanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	7.14 ng/ul	3035290	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid	312	C20H40O2	000506-30-9	93
2		Eicosanoic acid	312	C20H40O2	000506-30-9	91
3		Eicosanoic acid	312	C20H40O2	000506-30-9	86
4		Eicosanoic acid	312	C20H40O2	000506-30-9	86
5		Octadecanoic acid	284	C18H36O2	000057-11-4	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
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Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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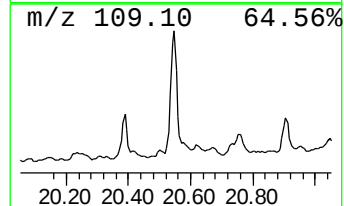
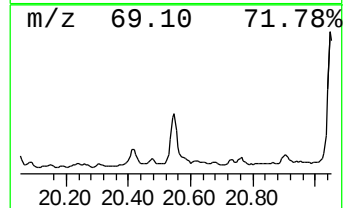
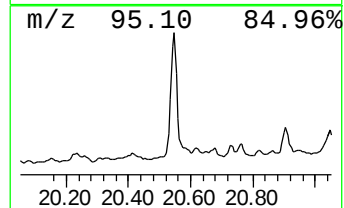
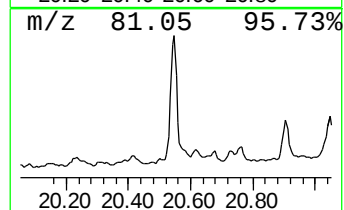
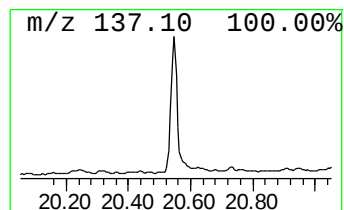
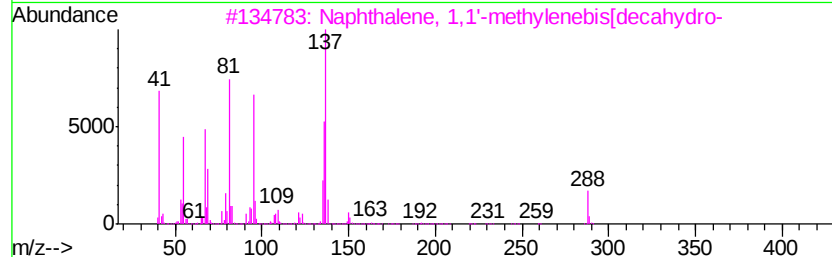
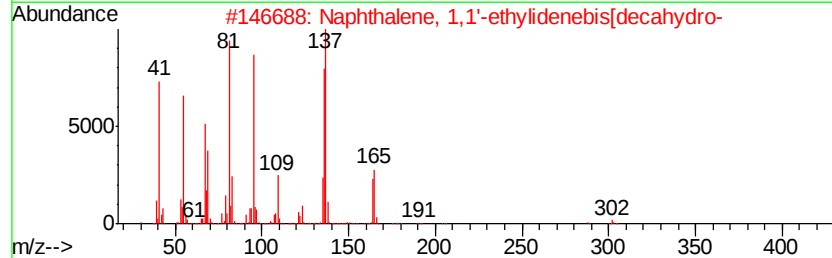
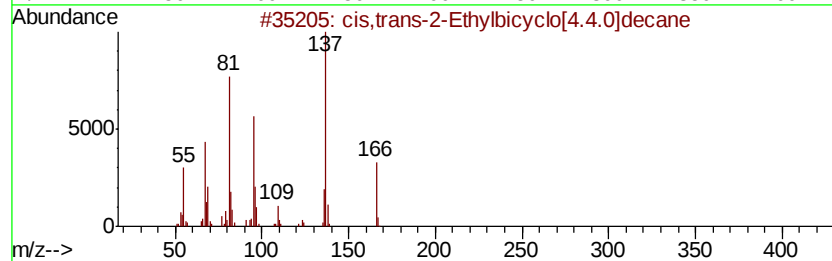
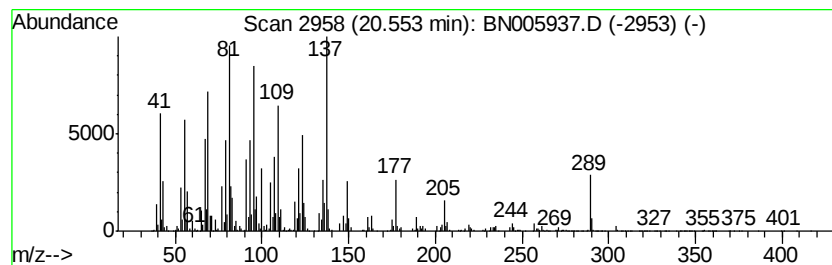
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 cis,trans-2-Ethylbicyclo[4.... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	15.40 ng/ul	6542710	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	50
2		Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	43
3		Naphthalene, 1,1'-methylidenebis[...	288	C21H36	055125-02-5	43
4		2-Pentenoic acid, 5-(decahydro-5...	304	C20H32O2	024470-48-2	42
5		Cyclodecene, 3-bromo-	216	C10H17Br	056325-56-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

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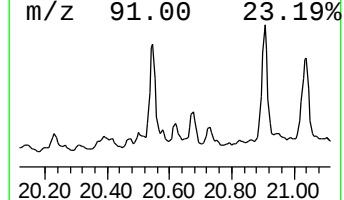
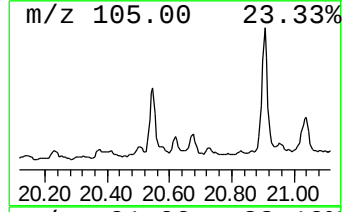
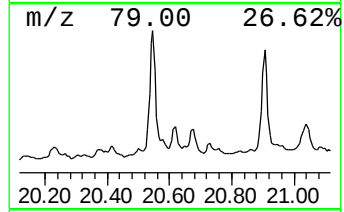
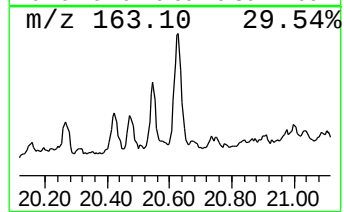
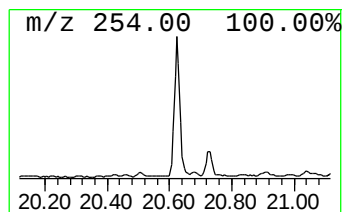
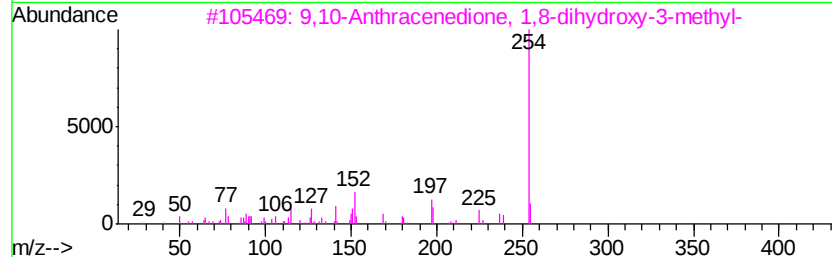
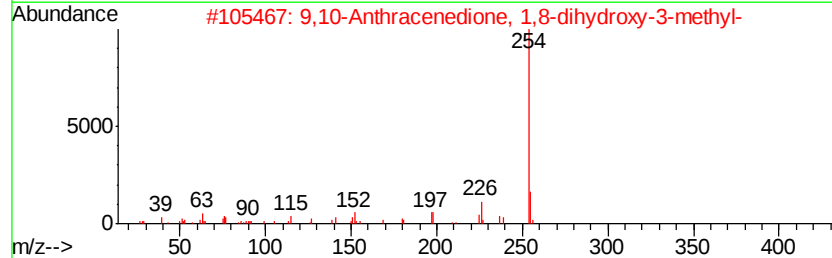
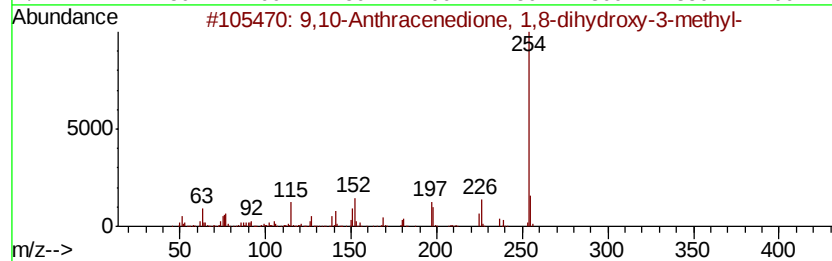
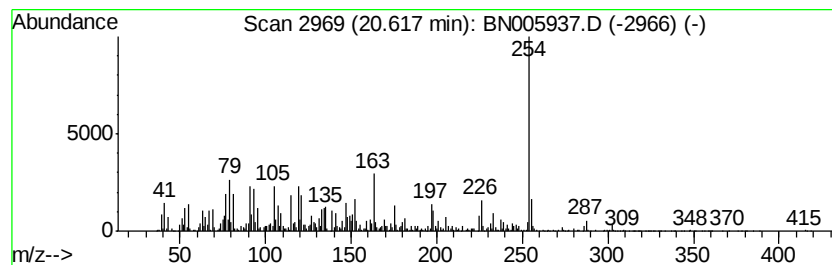
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 9,10-Anthracenedione, 1,8-d... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	4.48 ng/ul	1902550	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	99
2		9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	98
3		9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	97
4		9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	89
5		2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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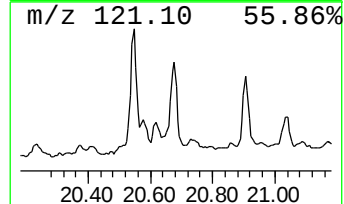
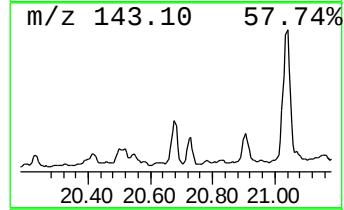
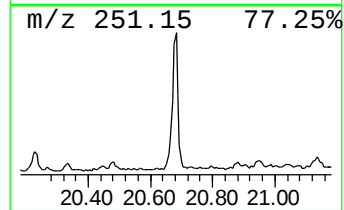
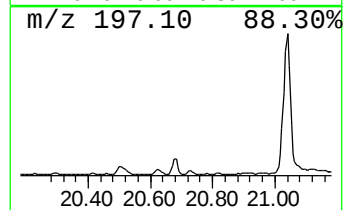
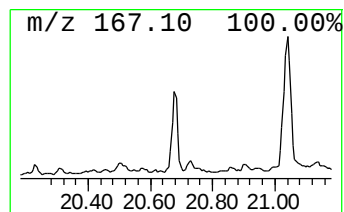
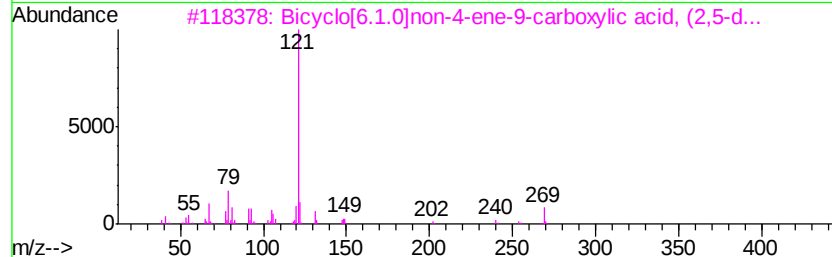
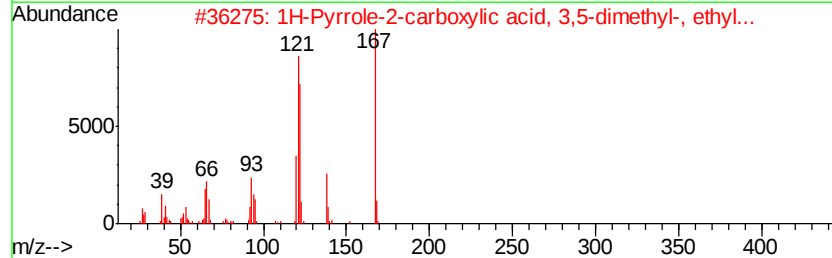
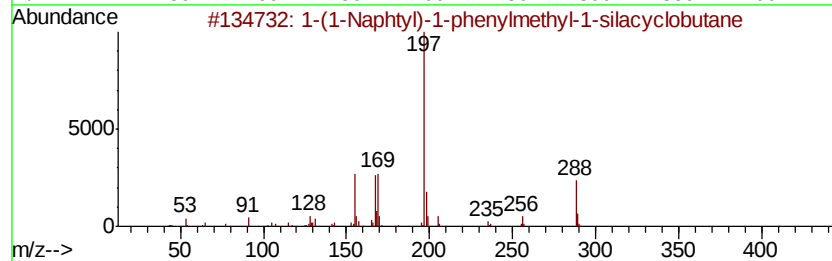
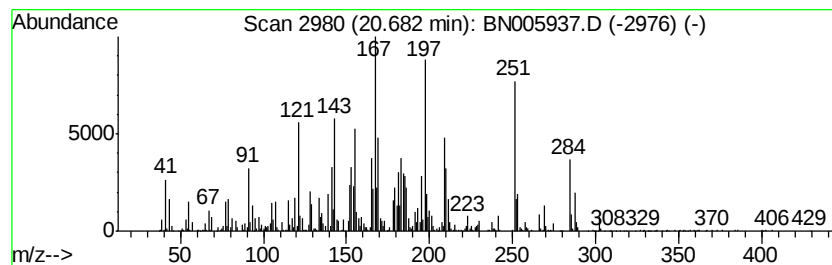
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 unknown-04 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	6.87 ng/ul	2918400	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(1-Naphtyl)-1-phenylmethyl-1-s...	288	C20H20Si	093241-92-0	25
2		1H-Pyrrole-2-carboxylic acid, 3,...	167	C9H13NO2	002199-44-2	25
3		Bicyclo[6.1.0]non-4-ene-9-carbox...	269	C18H23NO	1000311-50-4	25
4		1,4-Cyclohexadiene, 3,3,6,6-tetr...	136	C10H16	002223-54-3	25
5		4-Methyl-2,4'-bithiazol-2'-amine	197	C7H7N3S2	007520-82-3	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
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Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampled :
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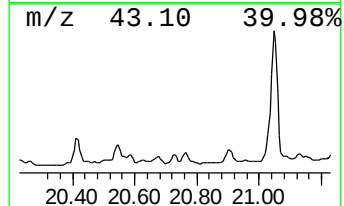
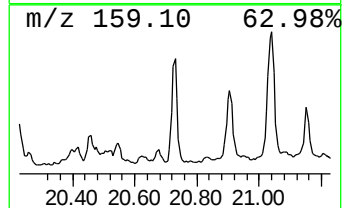
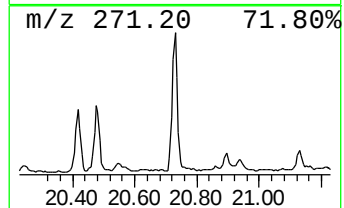
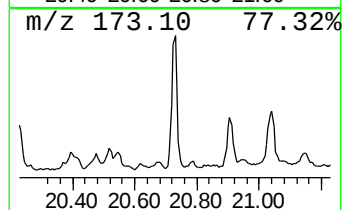
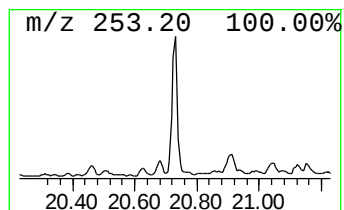
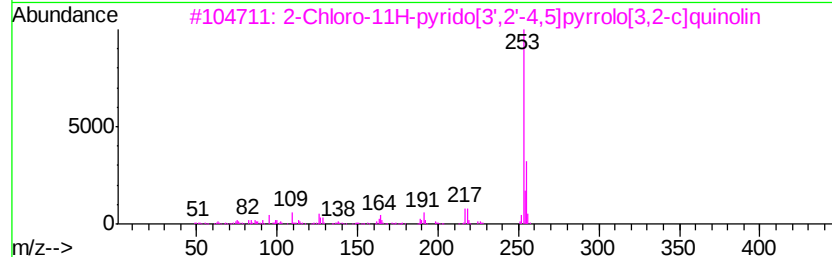
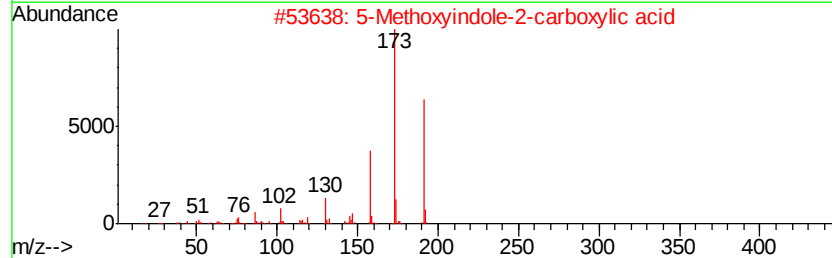
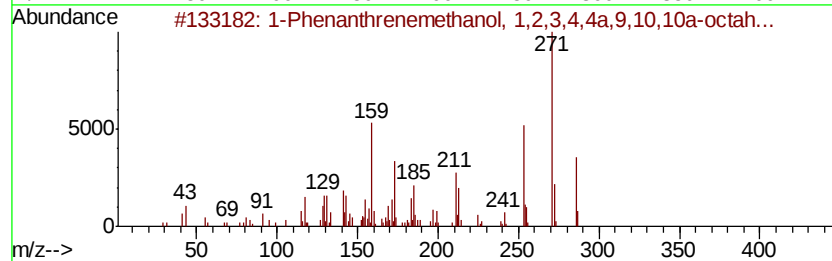
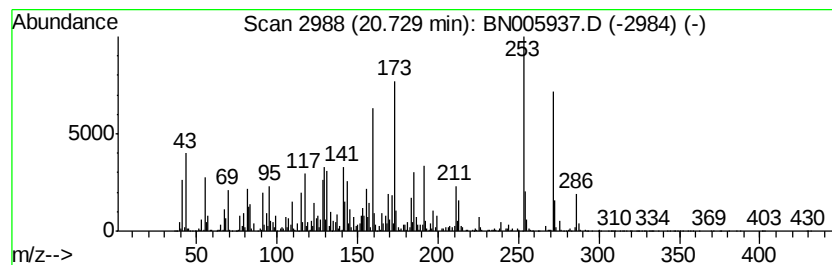
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 unknown-05 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	6.67 ng/ul	2832040	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenanthrenemethanol, 1,2,3,4,...	286	C20H30O	024035-43-6	30
2		5-Methoxyindole-2-carboxylic acid	191	C10H9NO3	004382-54-1	14
3		2-Chloro-11H-pyrido[3',2'-4,5]pyr...	253	C14H8ClN3	1000212-59-3	14
4		Silane, diphenyl(2-ethoxyethoxy)...	330	C19H26O3Si	1000367-65-8	14
5		Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
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Misc :
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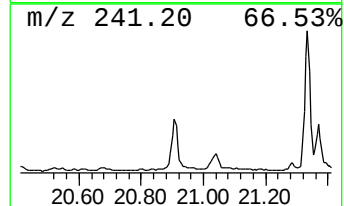
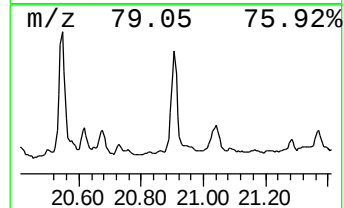
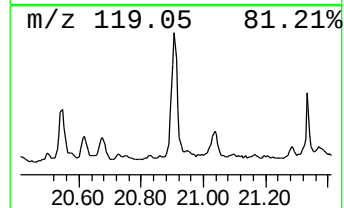
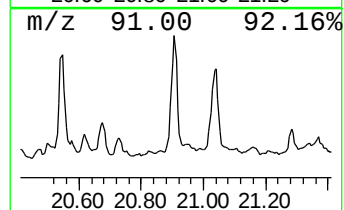
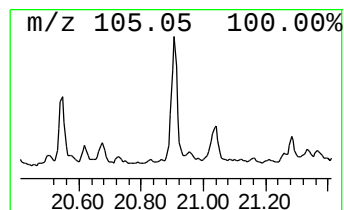
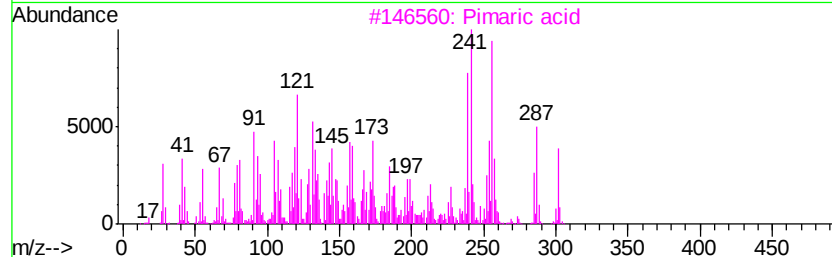
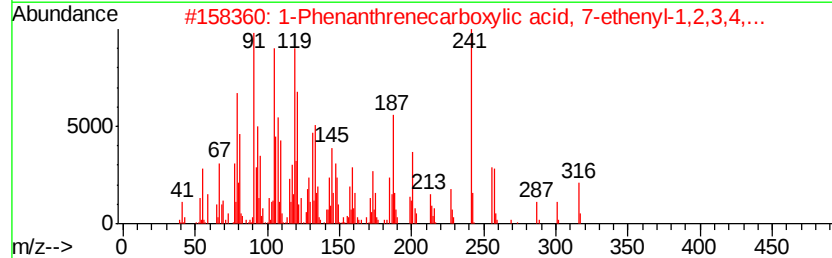
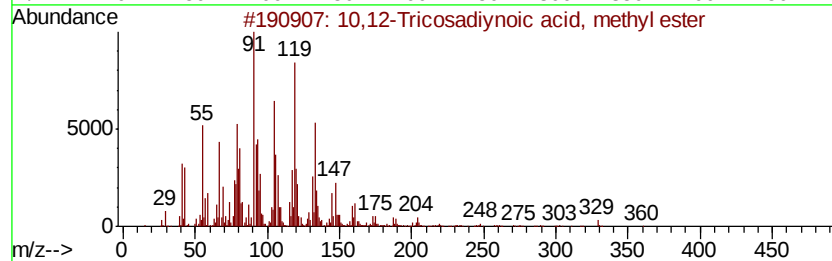
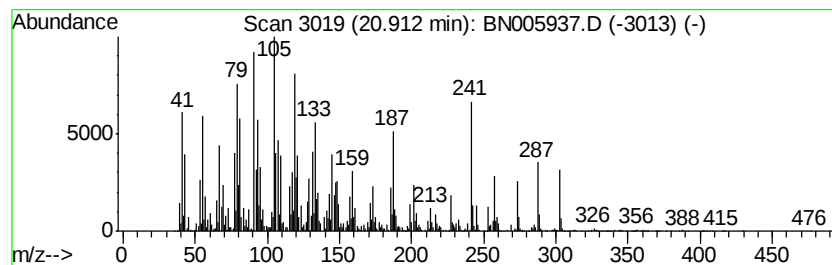
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 10,12-Tricosadiynoic acid, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	16.90 ng/ul	7179380	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,12-Tricosadiynoic acid, methyl ester	360	C24H40O2	1000333-59-4	95
2		1-Phenanthrenecarboxylic acid, 7-ethenyl-1,2,3,4-tetrahydronaphthalen-1-yl-	316	C21H32O2	001686-62-0	59
3		Pimaric acid	302	C20H30O2	000127-27-5	22
4		1,3,6,10-Dodecatetraene, 3,7,11-trimethyl-	204	C15H24	026560-14-5	18
5		Cyclodecacyclotetradecene, 14,15-dimethyl-	296	C22H32	014113-61-2	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4274

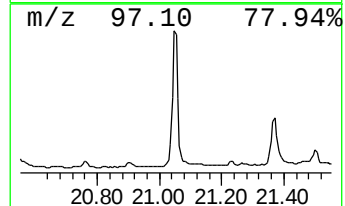
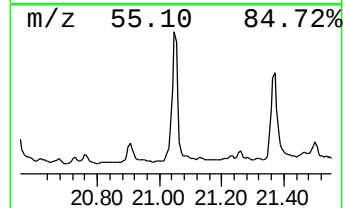
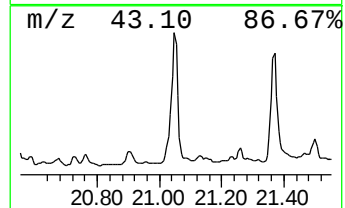
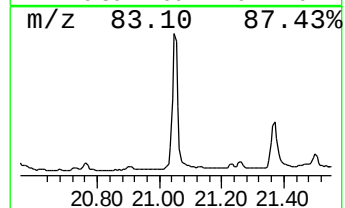
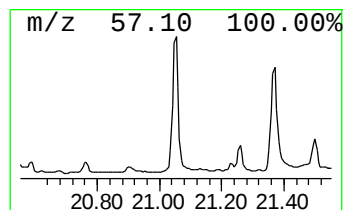
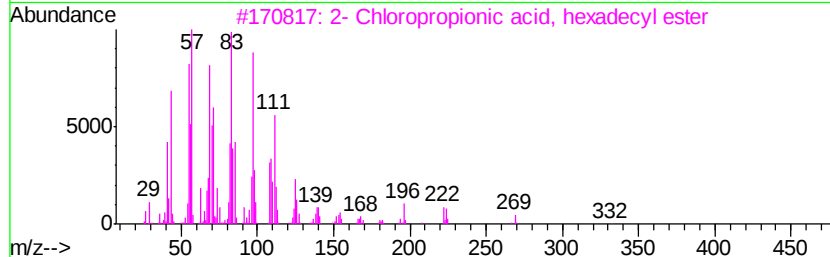
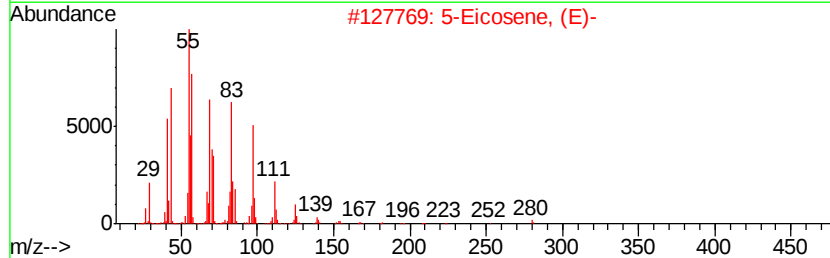
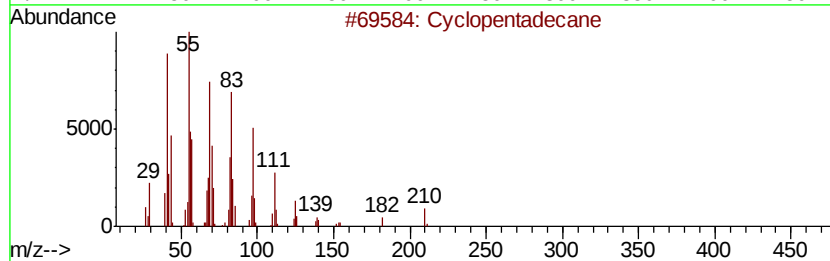
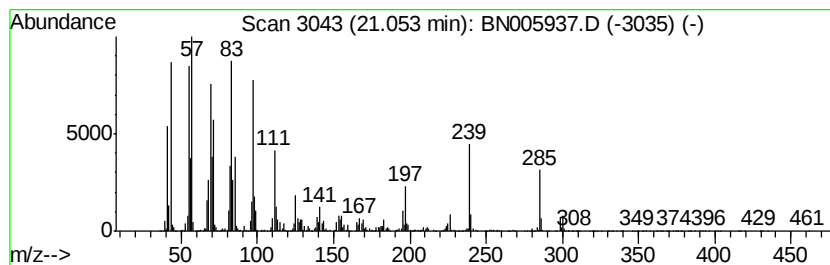
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Cyclic21.05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	67.90 ng/ul	28849300	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	95
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3		2-Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	90
4		trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	90
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4274

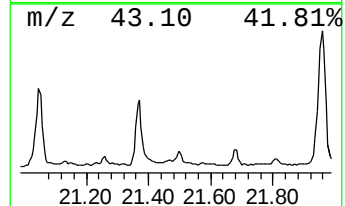
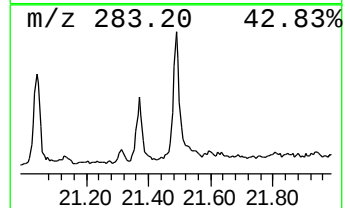
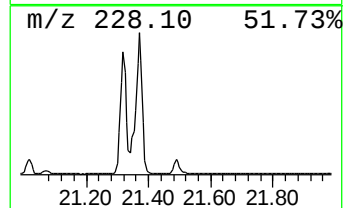
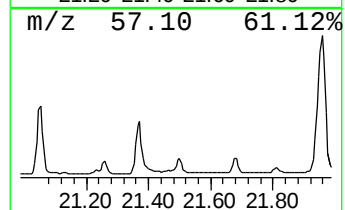
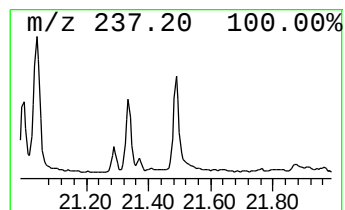
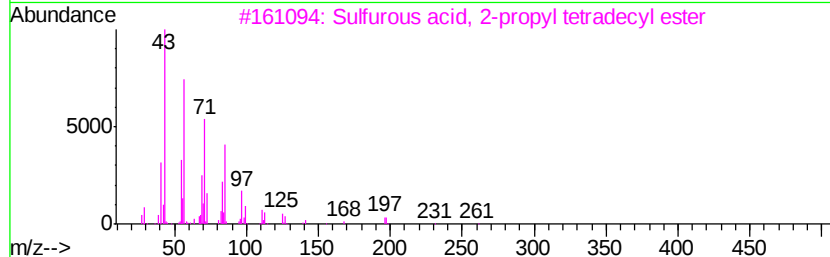
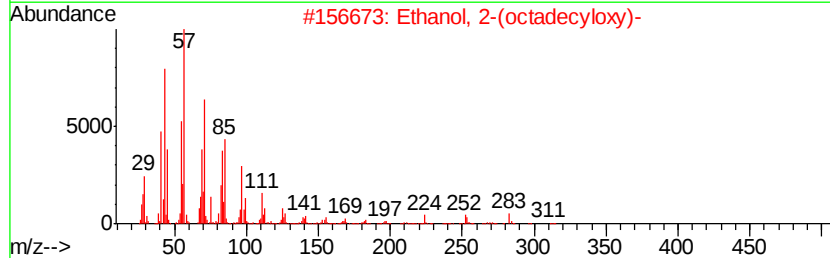
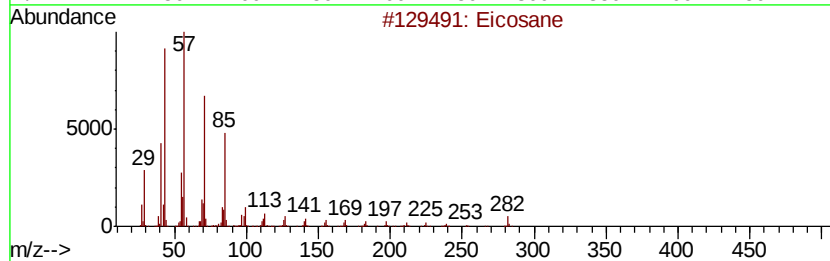
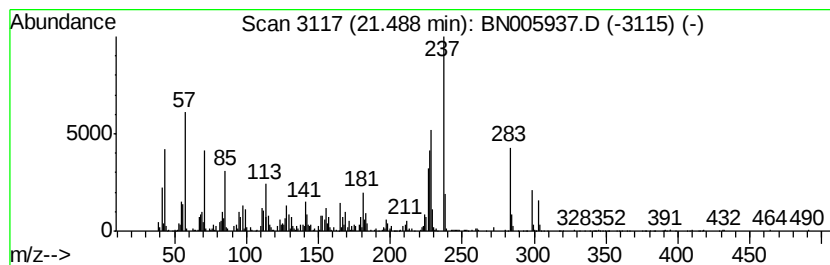
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	6.25 ng/ul	2656480	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	49
2		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	45
3		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	43
4		Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	43
5		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4274

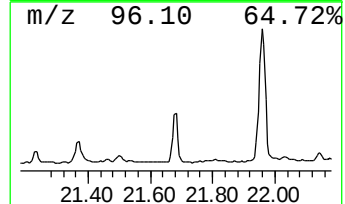
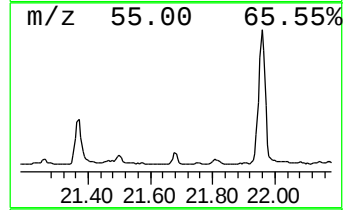
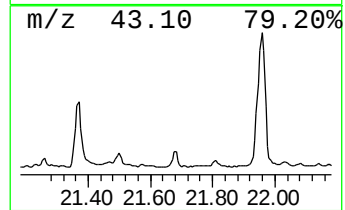
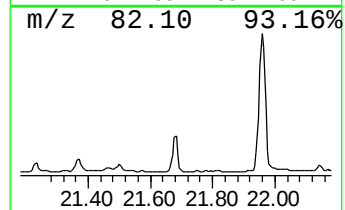
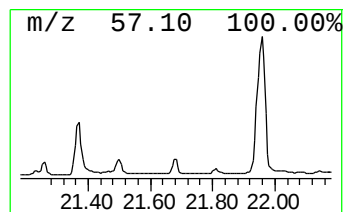
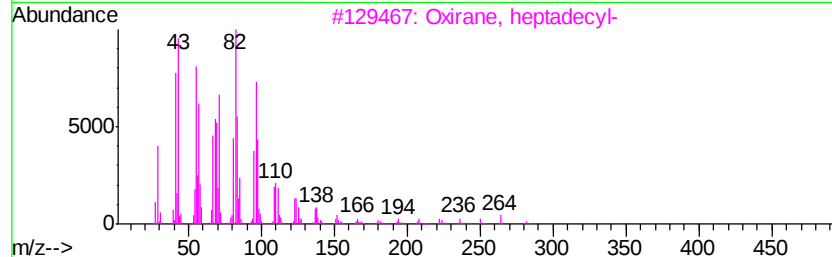
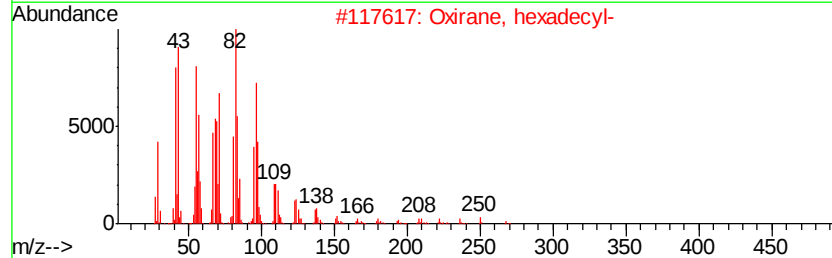
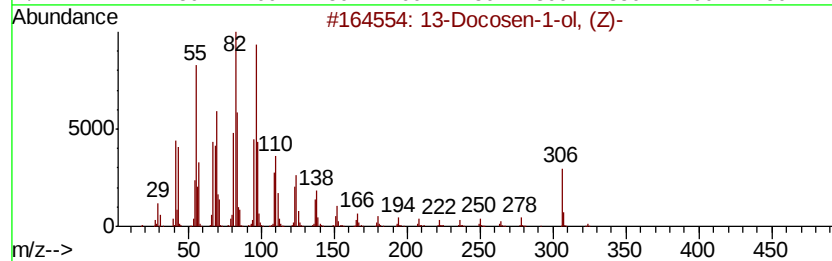
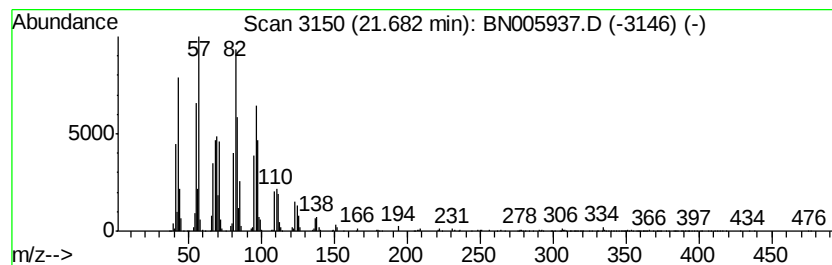
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 13-Docosen-1-ol, (Z)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	5.92 ng/ul	2513690	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	93
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005937.D
Acq On : 29 May 2019 19:05
Operator : JU/SJ
Sample : K2924-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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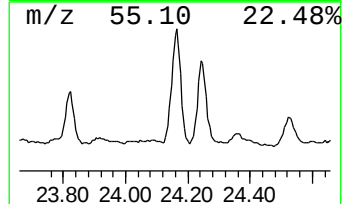
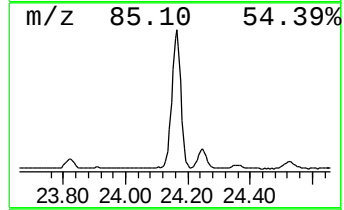
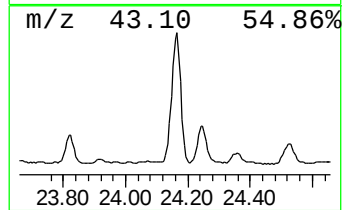
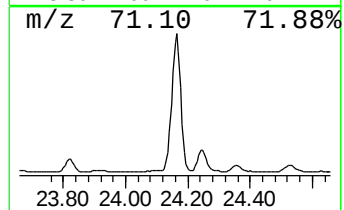
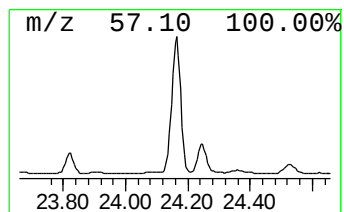
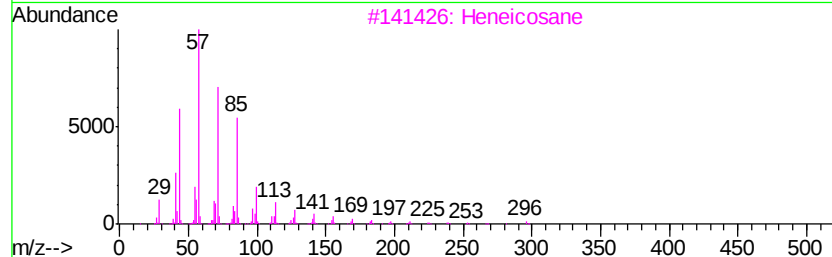
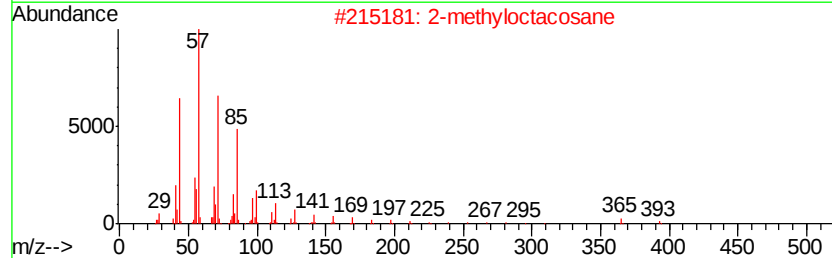
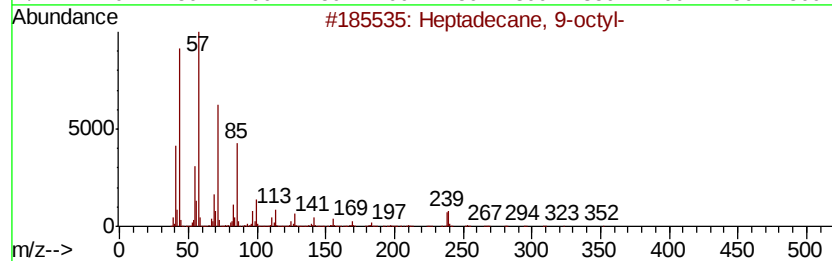
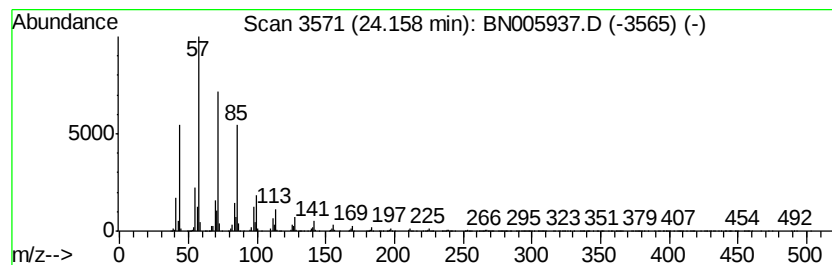
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	63.09 ng/ul	15856000	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
 Data File : BN005937.D
 Acq On : 29 May 2019 19:05
 Operator : JU/SJ
 Sample : K2924-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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
3-Thujen-2-ol, st...	6.77	4.8	ng/ul	597112	1	7.73	2514930	20.0
Naphthalene, deca...	9.82	2.1	ng/ul	415260	2	10.51	3924150	20.0
endo-Borneol	10.29	2.8	ng/ul	549609	2	10.51	3924150	20.0
Bicyclo[3.1.1]hep...	10.61	2.5	ng/ul	499347	2	10.51	3924150	20.0
Longifolene	13.64	5.1	ng/ul	1406840	3	14.37	5486180	20.0
2-Ethoxy-4-anisal...	16.00	5.0	ng/ul	1631980	4	17.12	6496980	20.0
Pentadecanoic acid	17.02	2.3	ng/ul	754038	4	17.12	6496980	20.0
9-Hexadecenoic acid	17.91	3.2	ng/ul	1052320	4	17.12	6496980	20.0
n-Hexadecanoic acid	18.04	24.8	ng/ul	8042070	4	17.12	6496980	20.0
Azulene, 1,2,3,3a...	18.30	2.4	ng/ul	787086	4	17.12	6496980	20.0
9,10-Anthracenedione	18.54	2.4	ng/ul	763199	4	17.12	6496980	20.0
1-Tert-butyl-1-(n...	18.62	2.1	ng/ul	693651	4	17.12	6496980	20.0
4b,8-Dimethyl-2-i...	18.75	2.2	ng/ul	710753	4	17.12	6496980	20.0
unknown-01	18.80	2.7	ng/ul	884695	4	17.12	6496980	20.0
1-Naphthaleneprop...	18.96	14.9	ng/ul	4850400	4	17.12	6496980	20.0
7-Isopropyl-1,1,4...	18.99	3.2	ng/ul	1049700	4	17.12	6496980	20.0
Octadecanoic acid	19.32	14.0	ng/ul	5937740	5	21.34	8497940	20.0
unknown-02	19.76	3.8	ng/ul	1628210	5	21.34	8497940	20.0
unknown-03	19.88	2.2	ng/ul	947118	5	21.34	8497940	20.0
Pyrene, 1-methyl-	20.01	2.5	ng/ul	1053230	5	21.34	8497940	20.0
1-Heneicosanol	20.05	4.1	ng/ul	1734400	5	21.34	8497940	20.0
(DEL) Alkane: Str...	20.08	2.4	ng/ul	1009490	5	21.34	8497940	20.0
1-Phenanthrenecar...	20.23	2.3	ng/ul	987408	5	21.34	8497940	20.0
Eicosanoic acid	20.42	7.1	ng/ul	3035290	5	21.34	8497940	20.0
cis,trans-2-Ethyl...	20.55	15.4	ng/ul	6542710	5	21.34	8497940	20.0
9,10-Anthracenedi...	20.62	4.5	ng/ul	1902550	5	21.34	8497940	20.0
unknown-04	20.68	6.9	ng/ul	2918400	5	21.34	8497940	20.0
unknown-05	20.73	6.7	ng/ul	2832040	5	21.34	8497940	20.0
10,12-Tricosadiyn...	20.91	16.9	ng/ul	7179380	5	21.34	8497940	20.0
(DEL) Alkane: Cyc...	21.05	67.9	ng/ul	28849300	5	21.34	8497940	20.0
(DEL) Alkane: Str...	21.49	6.3	ng/ul	2656480	5	21.34	8497940	20.0
13-Docosen-1-ol, ...	21.68	5.9	ng/ul	2513690	5	21.34	8497940	20.0
(DEL) Alkane: Str...	24.16	63.1	ng/ul	15856000	6	23.61	5026220	20.0