

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047558.D
 Acq On : 4 Dec 2020 4:52
 Operator : CG/JU
 Sample : L4855-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z3

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-BG111920MA.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	3.583	36	41	47	rBV4	9760	16425	0.90%	0.082%
2	4.088	123	127	129	rBV2	2990	4015	0.22%	0.020%
3	4.370	173	175	178	rVB3	3938	4014	0.22%	0.020%
4	4.587	208	212	217	rBV3	6964	10747	0.59%	0.054%
5	4.734	232	237	244	rBV3	11177	17898	0.98%	0.089%
6	5.016	281	285	286	rVB2	4122	4926	0.27%	0.025%
7	5.527	369	372	374	rBV3	4562	5771	0.32%	0.029%
8	5.698	397	401	405	rBV3	4777	7648	0.42%	0.038%
9	6.274	492	499	506	rVB4	9570	16435	0.90%	0.082%
10	7.184	651	654	656	rBV3	5265	5219	0.28%	0.026%
11	7.390	682	689	701	rVB	230927	426037	23.26%	2.125%
12	7.560	712	718	728	rBV	119487	221514	12.10%	1.105%
13	7.778	747	755	763	rBV2	228904	406717	22.21%	2.028%
14	7.919	773	779	781	rBV2	8245	10703	0.58%	0.053%
15	8.089	806	808	813	rBV2	3005	4498	0.25%	0.022%
16	8.254	827	836	843	rBV	147404	260708	14.24%	1.300%
17	8.489	872	876	881	rBV	2384	4538	0.25%	0.023%
18	8.841	932	936	942	rVB3	6972	11230	0.61%	0.056%
19	8.947	945	954	962	rBV	270702	489343	26.72%	2.440%
20	9.417	1026	1034	1042	rBV	217926	395652	21.60%	1.973%
21	9.570	1054	1060	1066	rVB2	27108	44370	2.42%	0.221%
22	9.822	1101	1103	1107	rVB2	3686	4456	0.24%	0.022%
23	10.145	1149	1158	1165	rBV2	210086	392758	21.45%	1.959%
24	10.457	1208	1211	1215	rBV3	5012	6880	0.38%	0.034%
25	10.686	1239	1250	1260	rVV2	300981	539283	29.45%	2.689%
26	11.080	1308	1317	1324	rVV	186122	328308	17.93%	1.637%
27	11.203	1331	1338	1346	rVB	198027	385956	21.08%	1.925%
28	11.338	1356	1361	1368	rVB5	11711	18142	0.99%	0.090%
29	11.497	1385	1388	1393	rVB	2577	4020	0.22%	0.020%
30	11.708	1420	1424	1430	rBV5	10489	17601	0.96%	0.088%
31	11.996	1468	1473	1477	rBV3	9270	13730	0.75%	0.068%
32	12.219	1507	1511	1517	rVB3	4975	6134	0.33%	0.031%
33	12.584	1568	1573	1578	rBV3	4079	7414	0.40%	0.037%
34	12.637	1578	1582	1587	rVV3	5146	7472	0.41%	0.037%

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35	13.054	1649	1653	1658	rBV2	3761	6143	0.34%	0.031%
36	13.312	1690	1697	1700	rBV4	9293	16178	0.88%	0.081%
37	13.682	1756	1760	1762	rBV3	2991	4014	0.22%	0.020%
38	13.741	1764	1770	1774	rVV6	8307	17305	0.94%	0.086%
39	14.258	1852	1858	1863	rBV	487472	703848	38.43%	3.510%
40	14.305	1863	1866	1870	rVB2	20672	27257	1.49%	0.136%
41	14.487	1894	1897	1900	rBV2	3562	5026	0.27%	0.025%
42	14.564	1903	1910	1920	rVV	493399	801017	43.74%	3.995%
43	14.705	1930	1934	1937	rVV3	6925	10359	0.57%	0.052%
44	14.734	1937	1939	1944	rVB2	4517	7217	0.39%	0.036%
45	14.863	1954	1961	1968	rBV2	285815	451837	24.67%	2.253%
46	14.934	1970	1973	1978	rVB	5307	8616	0.47%	0.043%
47	15.028	1982	1989	1998	rBV	258652	440773	24.07%	2.198%
48	15.192	2011	2017	2019	rVB3	6137	12223	0.67%	0.061%
49	15.251	2025	2027	2030	rVV	4594	4888	0.27%	0.024%
50	15.498	2066	2069	2074	rVB4	4146	7138	0.39%	0.036%
51	15.557	2076	2079	2081	rBV2	2960	4268	0.23%	0.021%
52	15.651	2090	2095	2099	rBV6	6338	11024	0.60%	0.055%
53	15.851	2121	2129	2135	rBV	638269	975246	53.25%	4.864%
54	15.950	2140	2146	2157	rVV	220780	326376	17.82%	1.628%
55	16.086	2162	2169	2175	rVB9	11838	29606	1.62%	0.148%
56	16.150	2175	2180	2182	rBV	4166	7241	0.40%	0.036%
57	16.238	2192	2195	2197	rBV2	4153	4407	0.24%	0.022%
58	16.391	2217	2221	2224	rVB4	13572	16550	0.90%	0.083%
59	16.473	2231	2235	2238	rBV4	6186	8853	0.48%	0.044%
60	16.520	2239	2243	2245	rBV2	5017	7627	0.42%	0.038%
61	16.632	2257	2262	2266	rBV5	6448	8777	0.48%	0.044%
62	16.732	2277	2279	2281	rVB	5506	4440	0.24%	0.022%
63	16.832	2292	2296	2299	rBV4	5014	6146	0.34%	0.031%
64	16.896	2303	2307	2311	rBV4	7610	9897	0.54%	0.049%
65	17.055	2328	2334	2337	rBV3	4166	6872	0.38%	0.034%
66	17.255	2363	2368	2373	rBV5	10354	20368	1.11%	0.102%
67	17.337	2375	2382	2385	rBV6	11237	20507	1.12%	0.102%
68	17.413	2393	2395	2396	rBV2	7433	4469	0.24%	0.022%
69	17.601	2420	2427	2431	rBV	371549	583499	31.86%	2.910%
70	17.643	2431	2434	2438	rVV	95154	155573	8.50%	0.776%
71	17.701	2438	2444	2453	rVB2	658663	1044396	57.03%	5.209%

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72	17.860	2469	2471	2474	rVB3	8210	8455	0.46%	0.042%
73	17.889	2474	2476	2480	rBV4	7637	9839	0.54%	0.049%
74	17.925	2480	2482	2484	rBV3	4412	5056	0.28%	0.025%
75	17.942	2484	2485	2489	rVB4	6831	6107	0.33%	0.030%
76	18.042	2500	2502	2503	rBV	7522	4810	0.26%	0.024%
77	18.212	2529	2531	2532	rBV2	5910	4071	0.22%	0.020%
78	18.230	2532	2534	2535	rBV2	6701	3962	0.22%	0.020%
79	18.359	2554	2556	2558	rBV3	5516	4339	0.24%	0.022%
80	18.418	2562	2566	2570	rVV2	19006	29909	1.63%	0.149%
81	18.465	2570	2574	2578	rVV6	37395	65256	3.56%	0.325%
82	18.512	2580	2582	2590	rVV4	18995	39629	2.16%	0.198%
83	18.594	2594	2596	2598	rVV3	7057	4036	0.22%	0.020%
84	18.659	2605	2607	2613	rVB6	17989	23765	1.30%	0.119%
85	18.918	2649	2651	2653	rBV3	10009	10324	0.56%	0.051%
86	19.476	2741	2746	2750	rBV7	39824	75374	4.12%	0.376%
87	19.634	2768	2773	2780	rVB	191891	285235	15.58%	1.423%
88	19.775	2793	2797	2802	rBV3	102340	140352	7.66%	0.700%
89	19.969	2821	2830	2842	rVB2	826064	1562139	85.30%	7.791%
90	21.485	3084	3088	3094	rVB2	199881	296008	16.16%	1.476%
91	21.744	3128	3132	3138	rVB	260698	358680	19.59%	1.789%
92	21.879	3149	3155	3160	rVB2	305641	568678	31.05%	2.836%
93	22.707	3292	3296	3306	rVB3	129767	301485	16.46%	1.504%
94	23.806	3477	3483	3492	rVB3	328048	654610	35.74%	3.265%
95	24.294	3560	3566	3571	rBV2	314615	712039	38.88%	3.551%
96	24.352	3571	3576	3589	rVB3	447468	1023920	55.91%	5.106%
97	25.040	3686	3693	3702	rVB2	320601	859004	46.91%	4.284%
98	25.275	3726	3733	3746	rVB2	204959	674996	36.86%	3.366%
99	25.851	3826	3831	3841	rVB4	223327	607699	33.18%	3.031%
100	26.520	3935	3945	3956	rVB2	573222	1831334	100.00%	9.133%

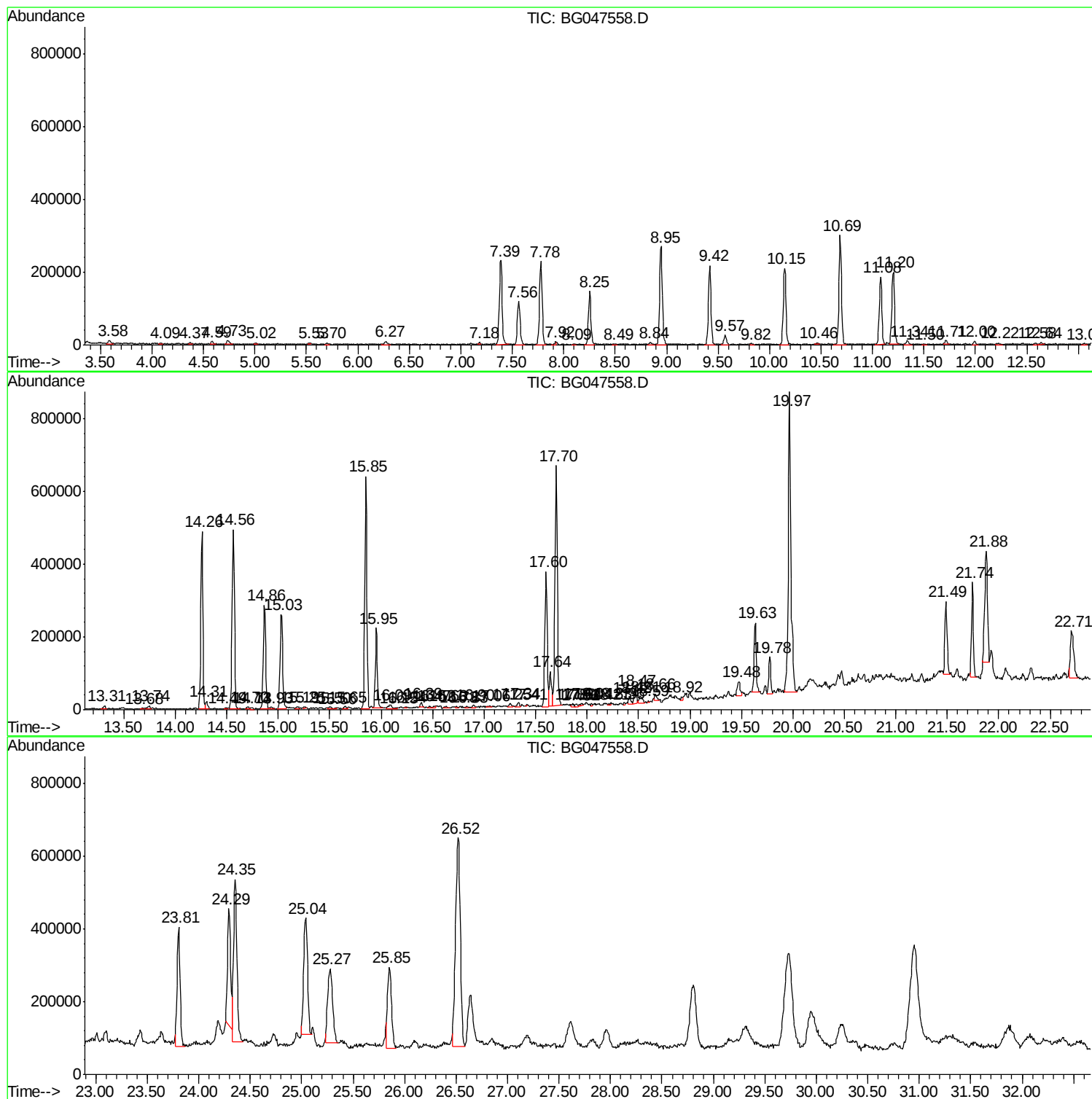
Sum of corrected areas: 20051654

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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



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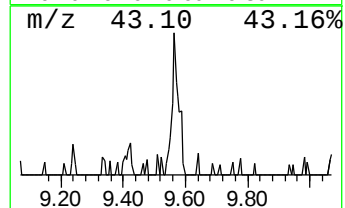
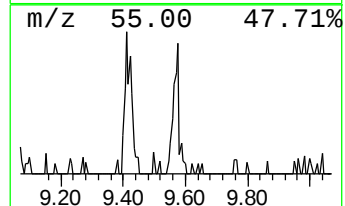
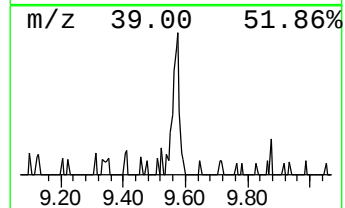
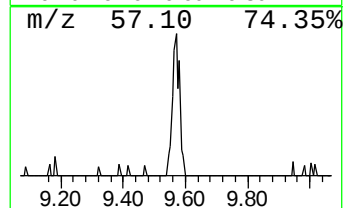
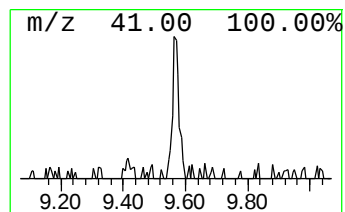
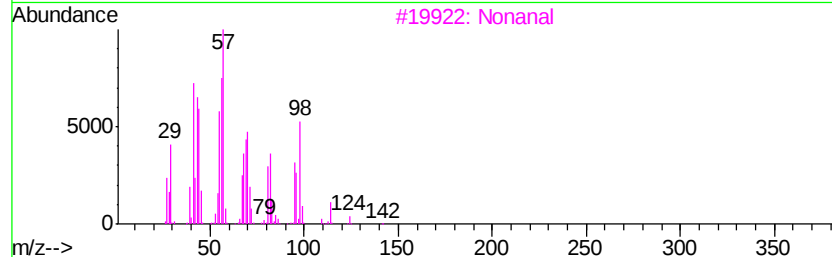
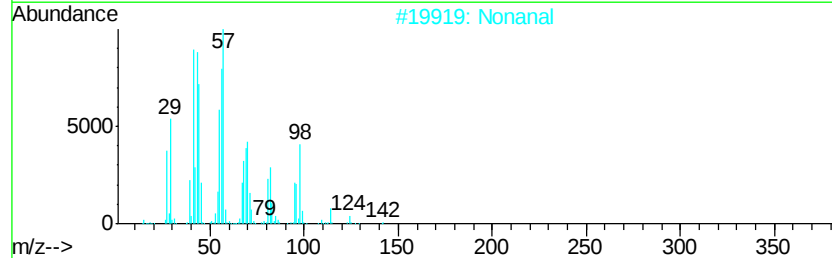
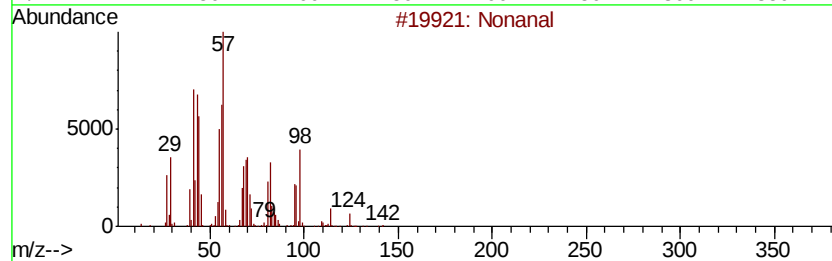
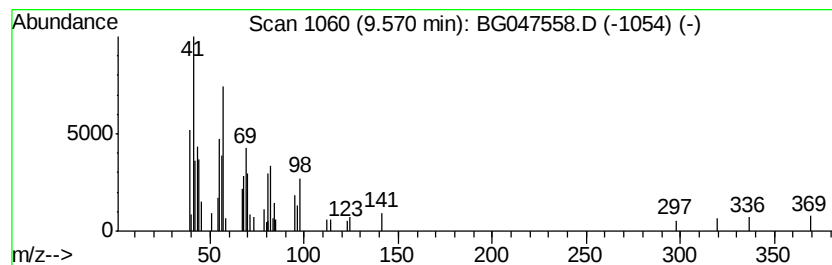
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Nonanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	3.40 ng/ul	44370	1,4-Dichlorobenzene-d4	8.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonanal		142 C9H18O	000124-19-6 58
2	Nonanal		142 C9H18O	000124-19-6 53
3	Nonanal		142 C9H18O	000124-19-6 53
4	Nonanal		142 C9H18O	000124-19-6 47
5	1-Azacyclononan-2-one		141 C8H15NO	000935-30-8 43



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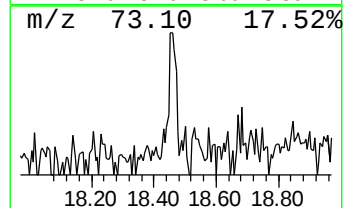
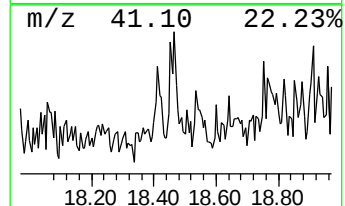
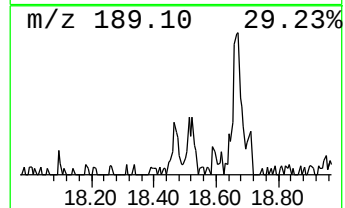
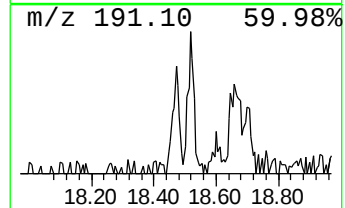
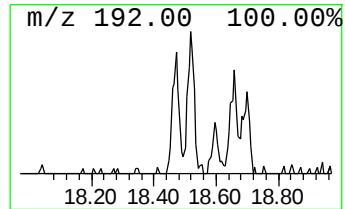
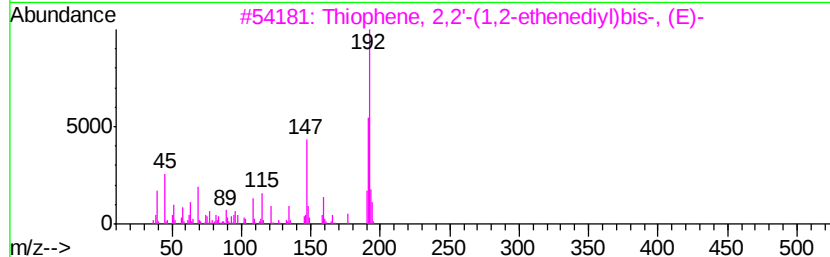
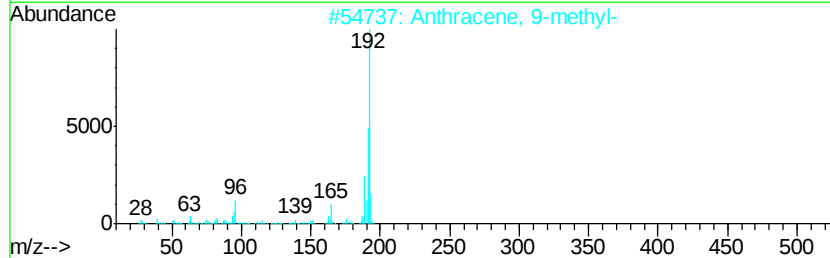
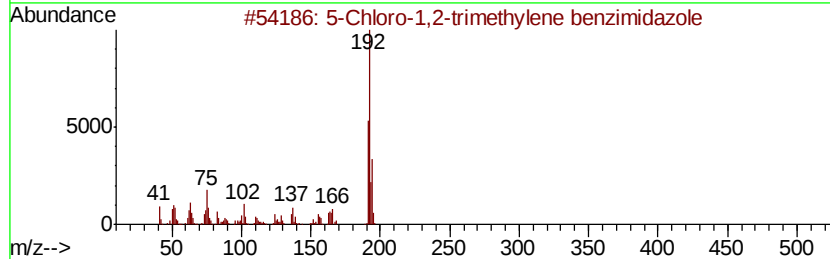
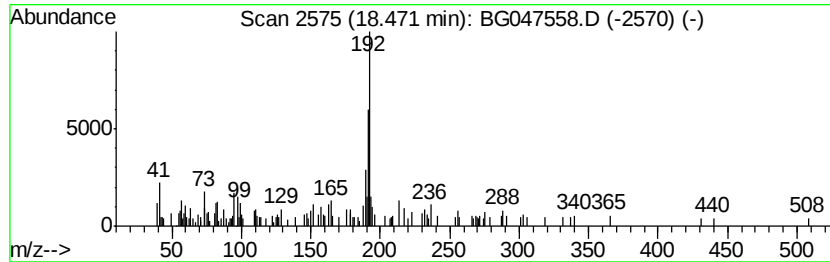
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.24 ng/ul	65256	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Chloro-1,2-trimethylene benzim...	192	C10H9ClN2	010252-95-6	43
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	43
3		Thiophene, 2,2'-(1,2-ethenedivl)...	192	C10H8S2	013640-78-3	43
4		Naphtho[2,3-b]nornbornadiene	192	C15H12	107426-38-0	38
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	38



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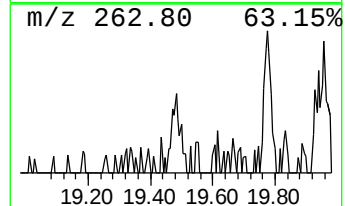
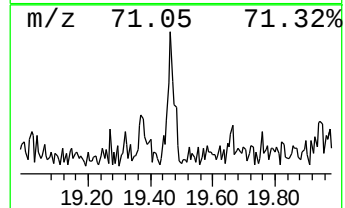
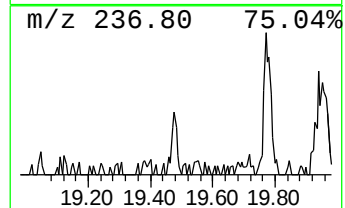
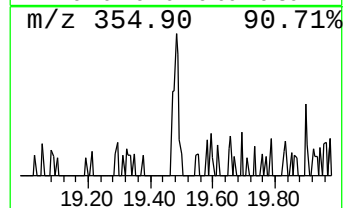
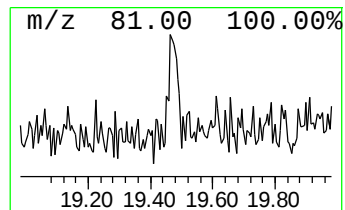
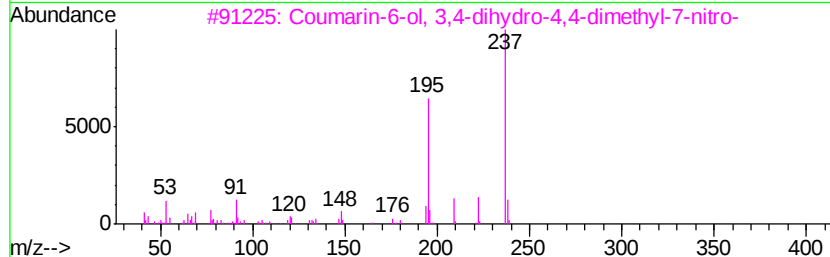
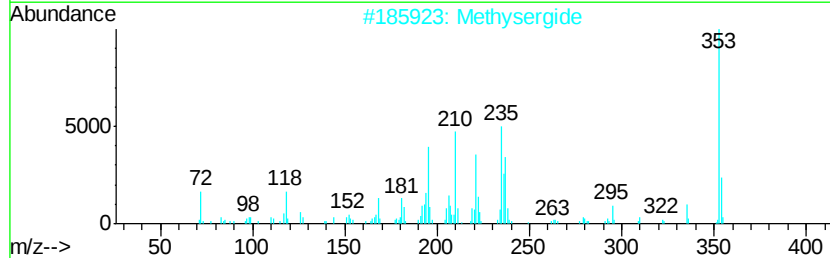
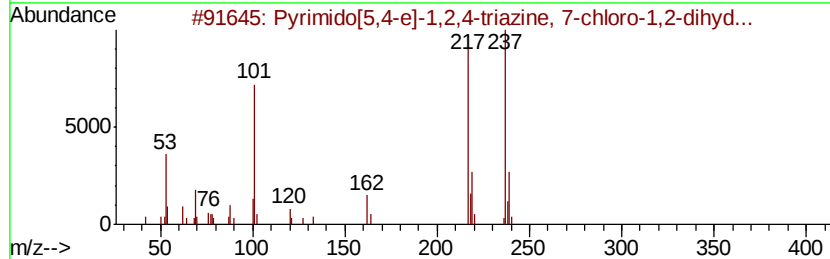
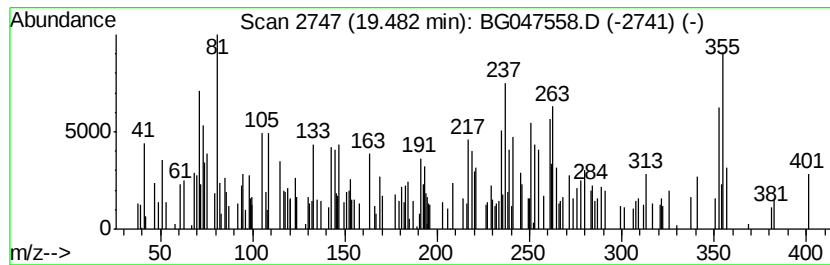
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Peak Number 3 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	2.58 ng/ul	75374	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrimido[5,4-e]-1,2,4-triazine, ...	237	C6H3ClF3N5	032709-19-6	38
2		Methysergide	353	C21H27N3O2	000361-37-5	18
3		Coumarin-6-ol, 3,4-dihydro-4,4-d...	237	C11H11NO5	1000126-61-0	11
4		1,3-Benzenedithiol, S-chlorodifl...	350	C10H4ClF5O2S2	1000376-24-6	11
5		1,4-Benzenedithiol, S-chlorodifl...	350	C10H4ClF5O2S2	1000376-24-8	10



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Acq On : 4 Dec 2020 4:52
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Sample : L4855-07
Misc :
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ClientSampleId :
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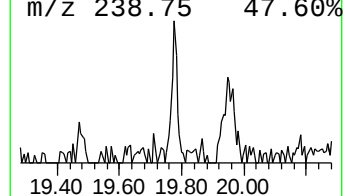
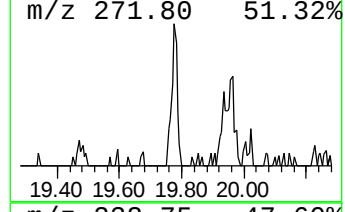
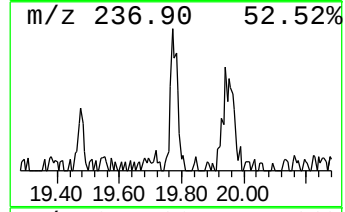
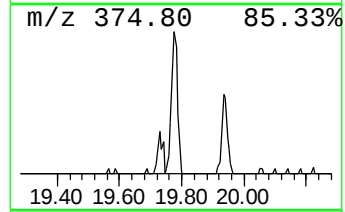
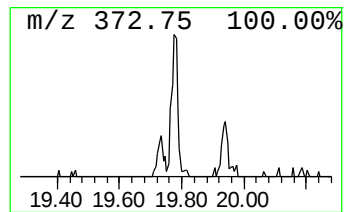
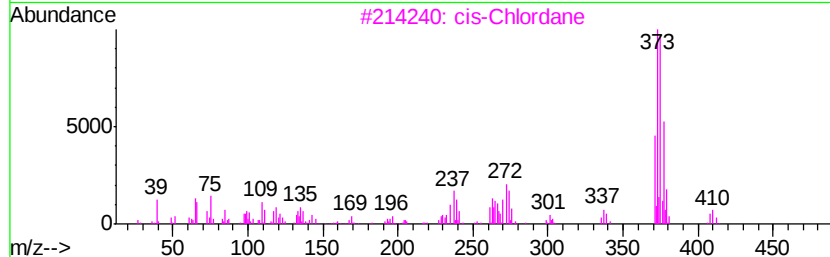
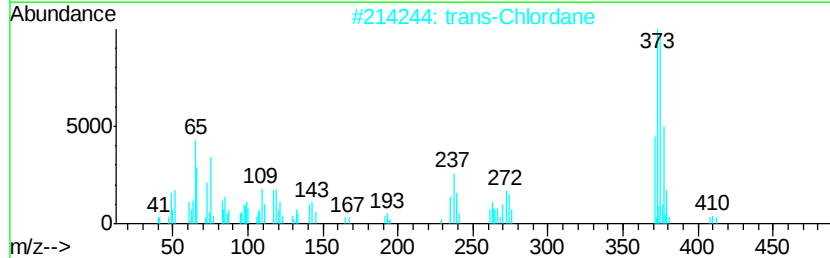
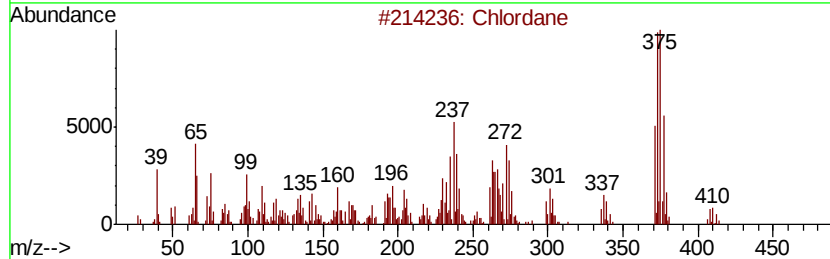
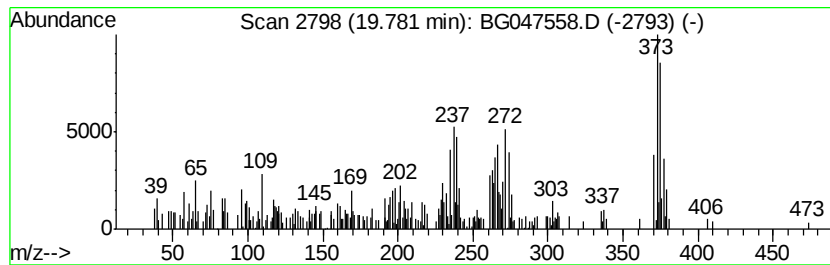
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Chlordane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	4.94 ng/ul	140352	Chrysene-d12	21.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chlordane		406	C10H6Cl8	000057-74-9	86
2	trans-Chlordane		406	C10H6Cl8	005103-74-2	64
3	cis-Chlordane		406	C10H6Cl8	005103-71-9	64
4	Chlordane		406	C10H6Cl8	000057-74-9	64
5	4,7-Methanoindene, 1,2,3,5,6,7,8...		406	C10H6Cl8	1000017-10-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
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Misc :
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ClientSampleId :
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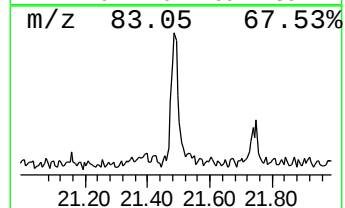
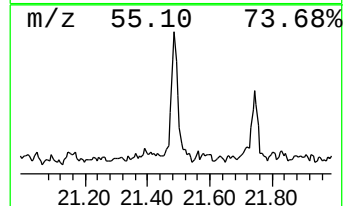
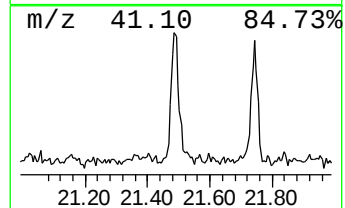
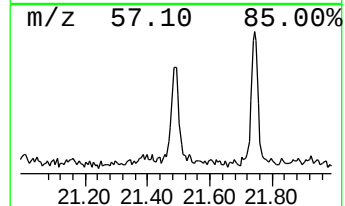
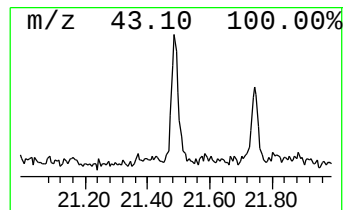
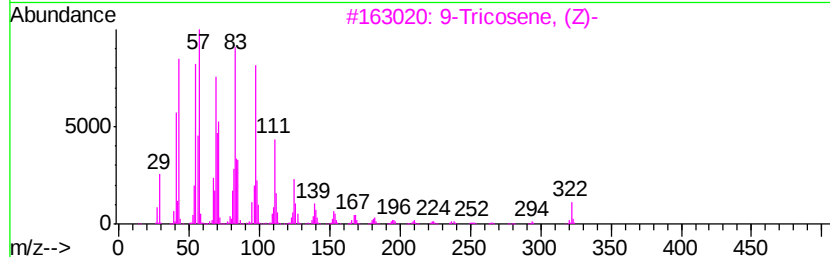
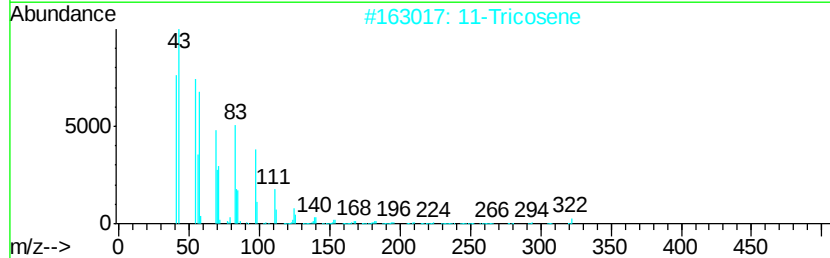
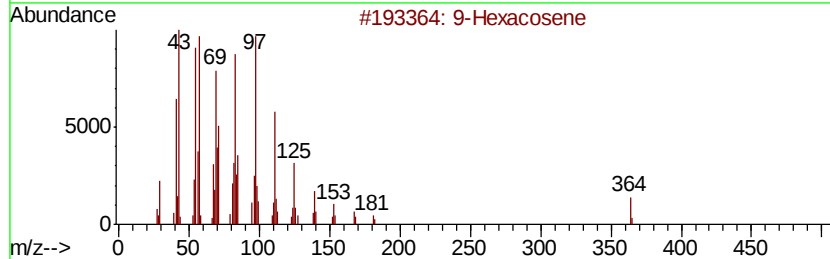
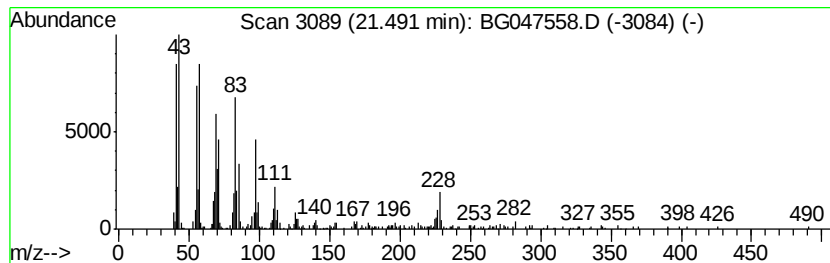
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	10.41 ng/ul	296008	Chrysene-d12	21.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Hexacosene	364	C26H52	071502-22-2	94
2		11-Tricosene	322	C23H46	052078-56-5	93
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
4		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
5		1-Octadecene	252	C18H36	000112-88-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047558.D
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Sample : L4855-07
Misc :
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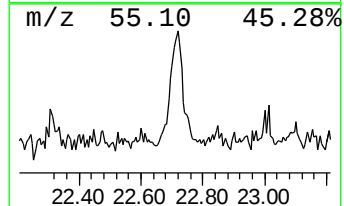
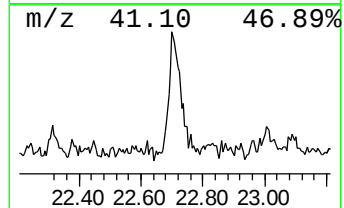
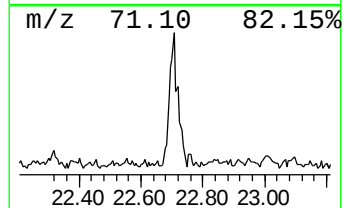
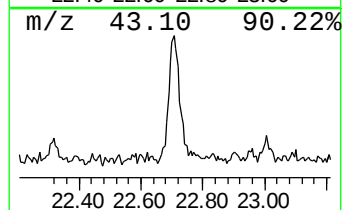
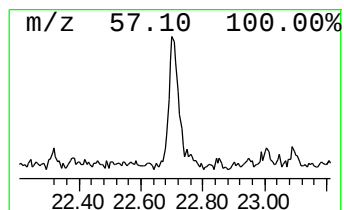
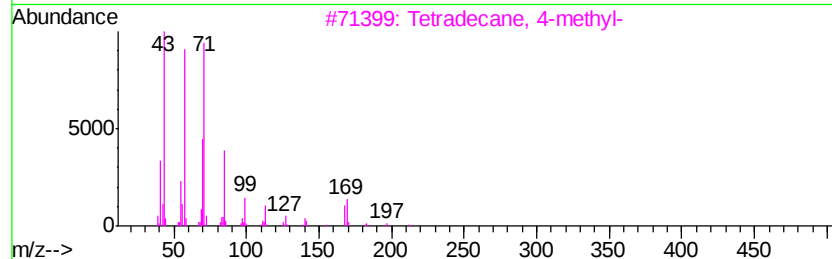
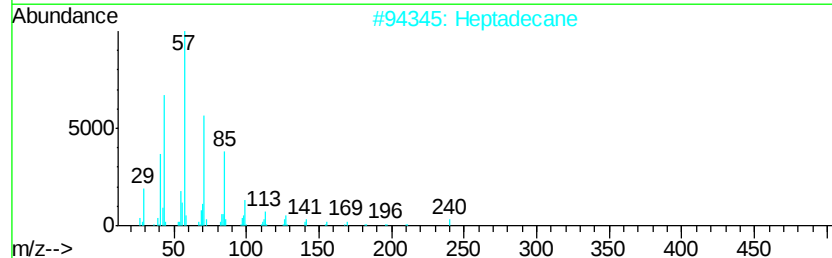
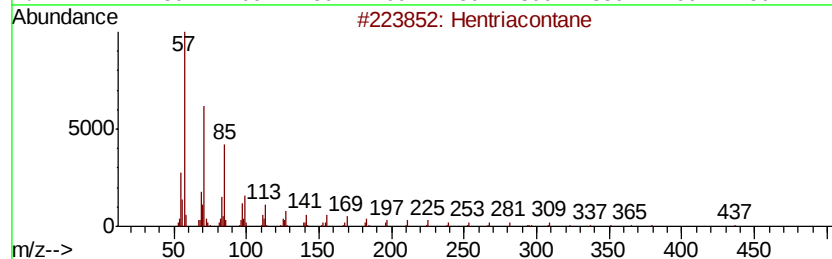
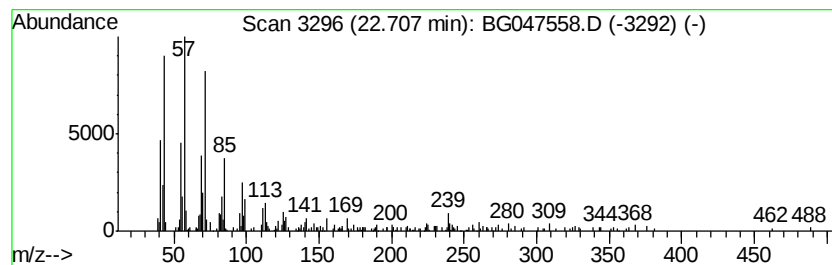
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	10.60 ng/ul	301485	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	76
2		Heptadecane	240	C17H36	000629-78-7	76
3		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	70
4		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	70
5		Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047558.D
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Misc :
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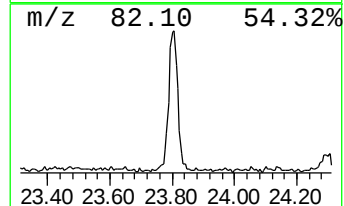
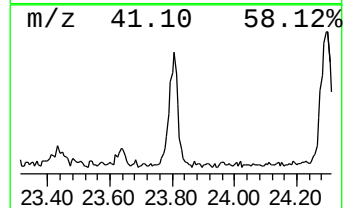
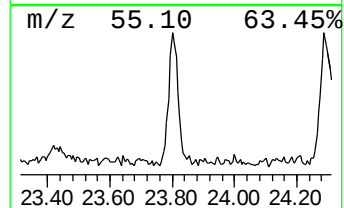
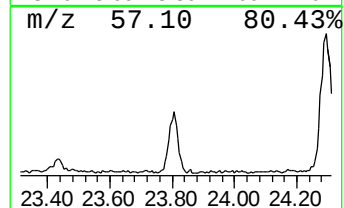
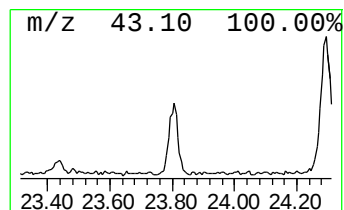
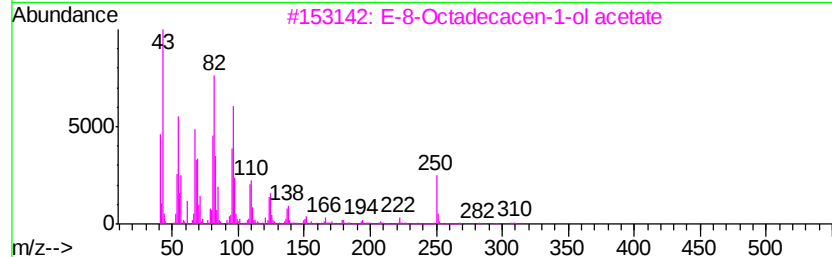
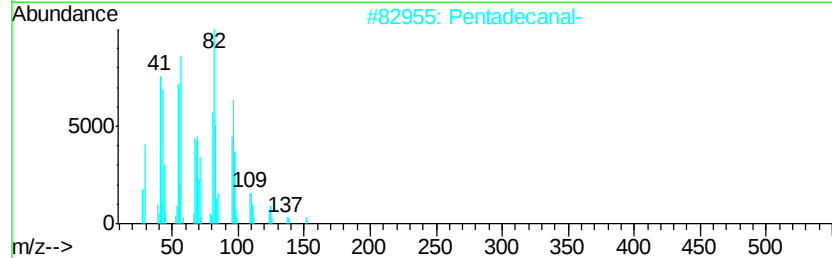
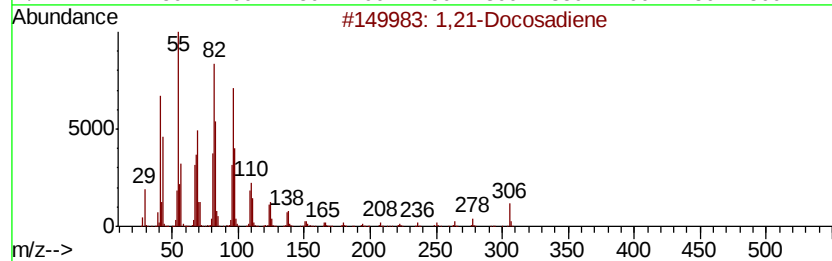
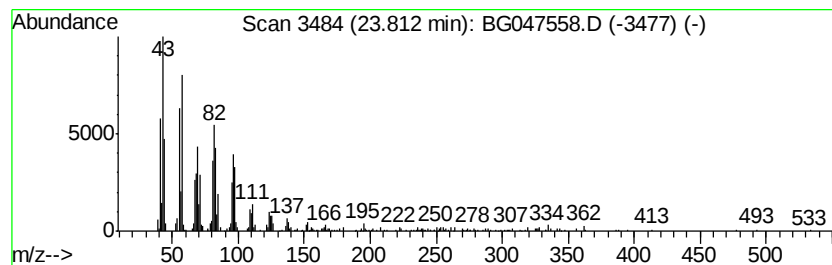
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,21-Docosadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	19.40 ng/ul	654610	Perylene-d12	25.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,21-Docosadiene	306	C22H42	053057-53-7	86
2		Pentadecanal-	226	C15H30O	002765-11-9	83
3		E-8-Octadecacen-1-ol acetate	310	C20H38O2	002195-90-6	78
4		1,19-Eicosadiene	278	C20H38	014811-95-1	70
5		E-5-Octadecen-1-ol acetate	310	C20H38O2	1000130-94-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
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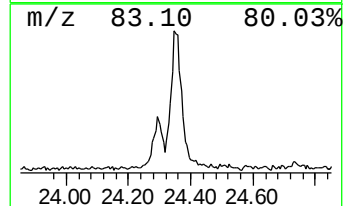
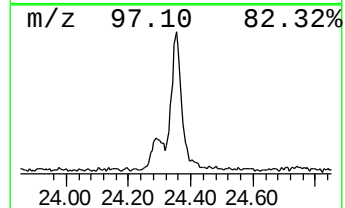
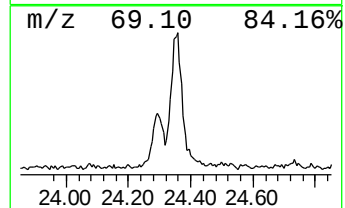
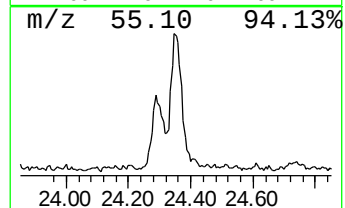
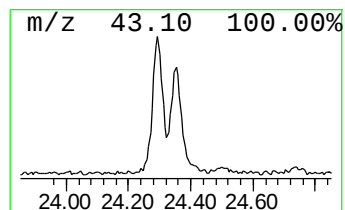
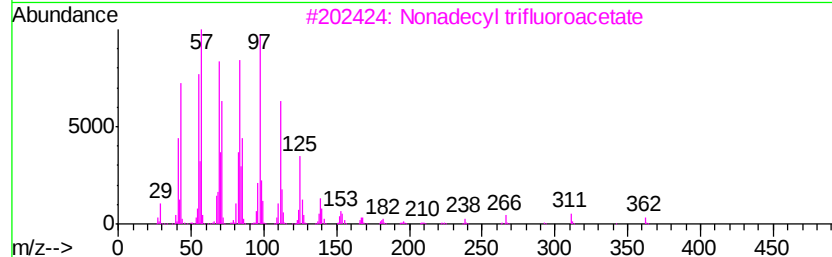
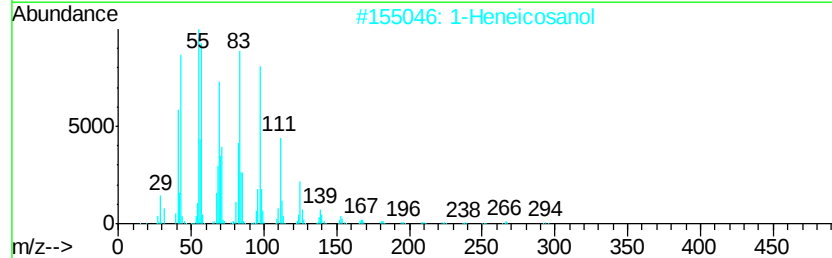
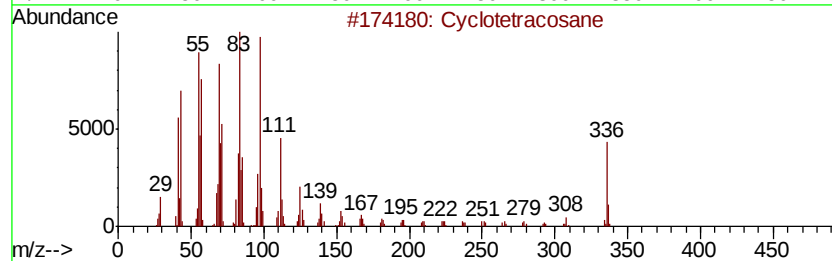
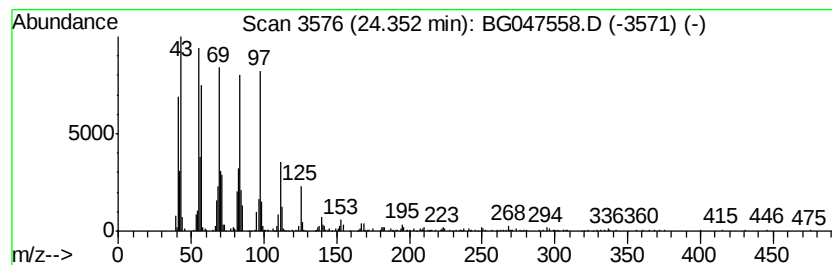
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic24.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.35	30.34 ng/ul	1023920	Perylene-d12	25.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	90
3		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	89
5		17-Pentatriacontene	491	C35H70	006971-40-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
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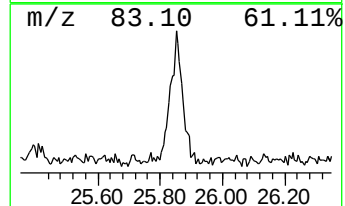
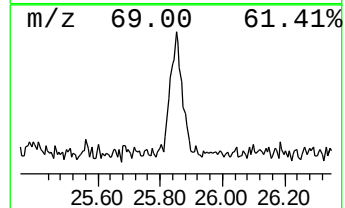
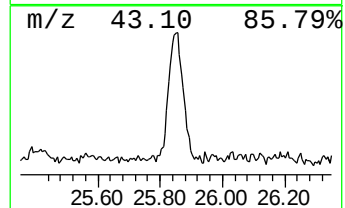
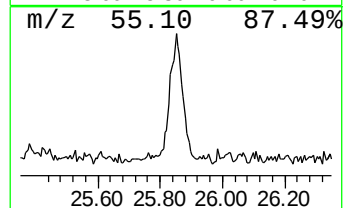
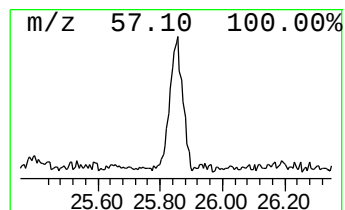
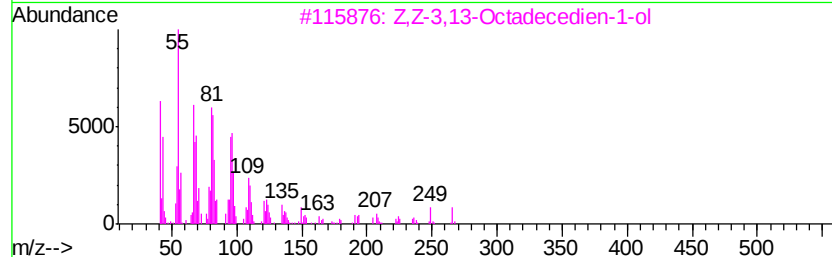
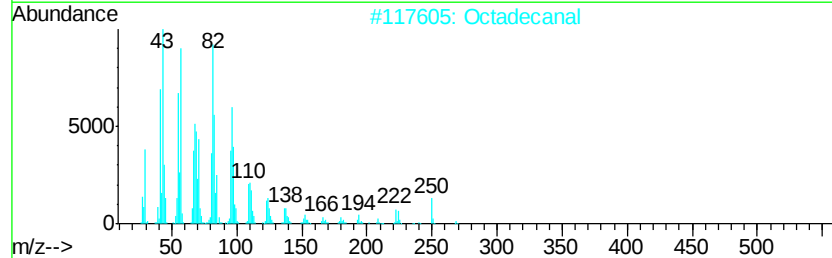
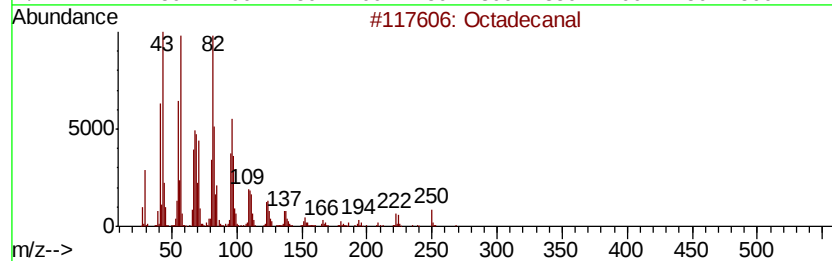
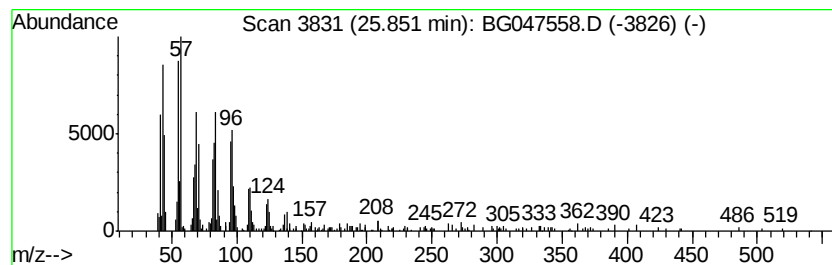
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Octadecanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	18.01 ng/ul	607699	Perylene-d12	25.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	91
2		Octadecanal	268	C18H36O	000638-66-4	83
3		Z,Z-3,13-Octadecadien-1-ol	266	C18H34O	1000131-10-7	70
4		Z-10-Methyl-11-tetradecen-1-ol p...	282	C18H34O2	1000130-77-5	70
5		Z,E-2-Methyl-3,13-octadecadien-1-ol	280	C19H36O	1000131-10-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
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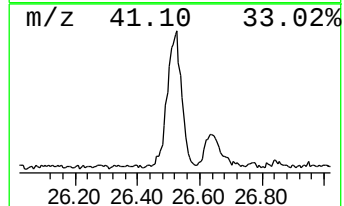
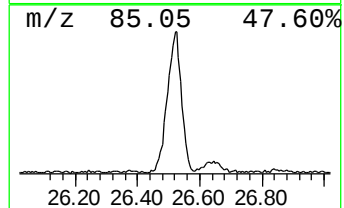
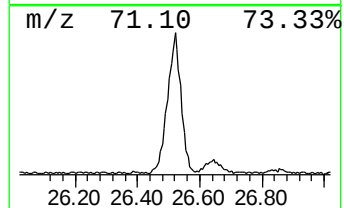
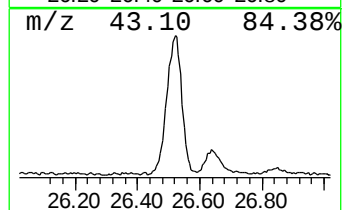
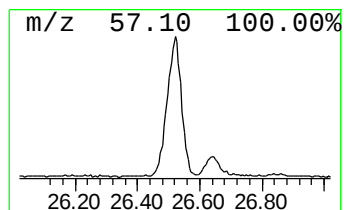
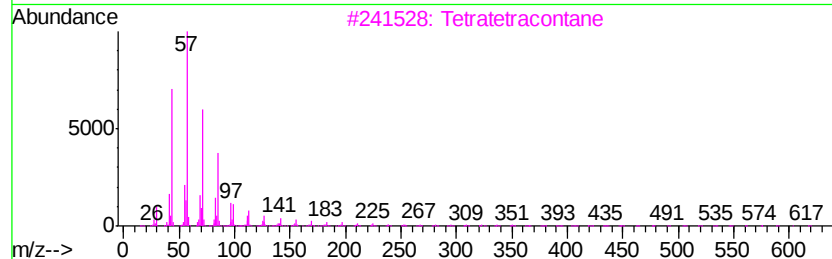
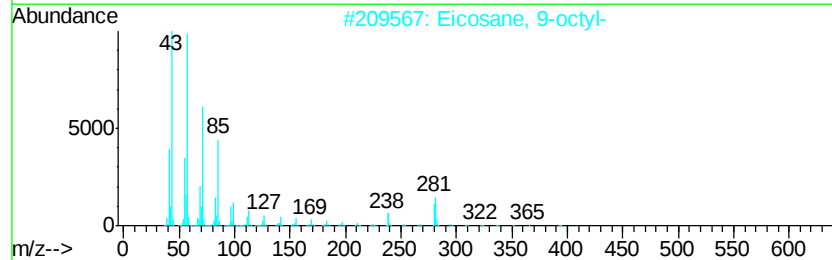
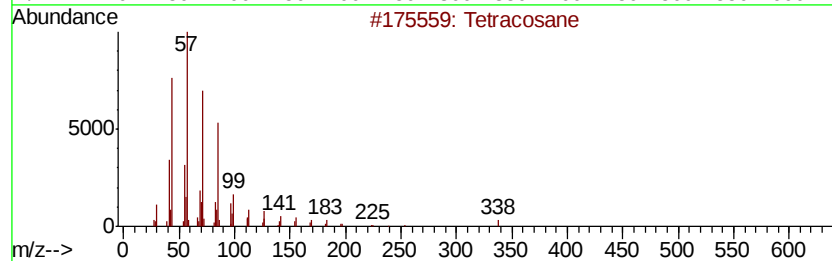
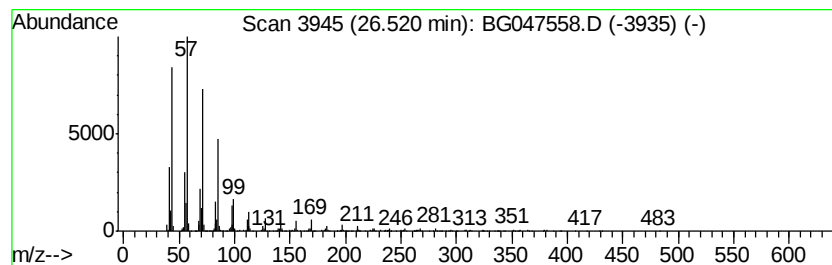
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.52	54.26 ng/ul	1831330	Perylene-d12	25.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
3		Tetratetracontane	619	C44H90	007098-22-8	94
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120320\
Data File : BG047558.D
Acq On : 4 Dec 2020 4:52
Operator : CG/JU
Sample : L4855-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.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
Nonanal	9.57	3.4	ng/ul	44370	1	8.25	260708	20.0
unknown-01	18.47	2.2	ng/ul	65256	4	17.60	583499	20.0
unknown-02	19.48	2.6	ng/ul	75374	4	17.60	583499	20.0
Chlordane	19.78	4.9	ng/ul	140352	5	21.88	568678	20.0
(DEL) Alkane: Str...	21.49	10.4	ng/ul	296008	5	21.88	568678	20.0
(DEL) Alkane: Str...	22.71	10.6	ng/ul	301485	5	21.88	568678	20.0
1,21-Docosadiene	23.81	19.4	ng/ul	654610	6	25.27	674996	20.0
(DEL) Alkane: Cyc...	24.35	30.3	ng/ul	1023920	6	25.27	674996	20.0
Octadecanal	25.85	18.0	ng/ul	607699	6	25.27	674996	20.0
(DEL) Alkane: Str...	26.52	54.3	ng/ul	1831330	6	25.27	674996	20.0