

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
 Data File : BM027402.D
 Acq On : 11 Sep 2020 13:29
 Operator : JU/CG
 Sample : L3961-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4Y44

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_M\METHODS\SOM-EPA-BM090420MA.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	3.734	123	127	129	rBV3	16186	24688	0.43%	0.048%
2	3.887	149	153	159	rVB	148711	191192	3.32%	0.370%
3	4.116	188	192	197	rBV3	23179	38546	0.67%	0.075%
4	4.157	197	199	203	rVB3	7723	9602	0.17%	0.019%
5	6.516	596	600	604	rVB2	12443	17847	0.31%	0.035%
6	6.598	609	614	617	rVV2	18316	30288	0.53%	0.059%
7	6.634	617	620	626	rVB2	23511	32120	0.56%	0.062%
8	6.751	635	640	651	rVB	185399	300634	5.23%	0.582%
9	6.910	660	667	680	rVB	516133	829662	14.42%	1.605%
10	7.051	687	691	693	rBV3	11365	16050	0.28%	0.031%
11	7.104	693	700	709	rVV	662114	1023760	17.80%	1.980%
12	7.193	711	715	724	rVB3	26326	52407	0.91%	0.101%
13	7.422	750	754	759	rBV	24276	35111	0.61%	0.068%
14	7.463	759	761	766	rVV4	6193	7756	0.13%	0.015%
15	7.516	766	770	771	rVV2	6630	7379	0.13%	0.014%
16	7.563	771	778	786	rVV	720841	1095933	19.05%	2.120%
17	7.640	787	791	801	rVB2	25280	43491	0.76%	0.084%
18	7.816	817	821	826	rVB5	5627	8749	0.15%	0.017%
19	8.010	850	854	859	rBV4	4950	7882	0.14%	0.015%
20	8.275	893	899	912	rBV	536105	838951	14.58%	1.623%
21	8.381	914	917	922	rVB6	4772	7612	0.13%	0.015%
22	8.510	933	939	947	rVB3	16422	29683	0.52%	0.057%
23	8.651	958	963	966	rBV3	19066	30298	0.53%	0.059%
24	8.704	966	972	980	rVB	704195	1140570	19.83%	2.206%
25	8.851	992	997	1000	rBV6	3642	6298	0.11%	0.012%
26	8.898	1000	1005	1009	rVB6	4631	8727	0.15%	0.017%
27	9.175	1048	1052	1058	rBV5	5781	10018	0.17%	0.019%
28	9.422	1086	1094	1104	rBV	629284	1035311	18.00%	2.003%
29	9.687	1134	1139	1147	rBV3	16404	30446	0.53%	0.059%
30	9.963	1178	1186	1199	rBV	1073420	1750320	30.43%	3.386%
31	10.334	1241	1249	1258	rBV	946803	1546202	26.88%	2.991%
32	10.469	1265	1272	1285	rBV	177000	325331	5.66%	0.629%
33	10.581	1287	1291	1296	rVV6	5309	9315	0.16%	0.018%
34	10.704	1307	1312	1316	rVV6	5609	10428	0.18%	0.020%

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35	10.975	1351	1358	1364	rBV5	9246	17547	0.31%	0.034%
36	11.251	1397	1405	1419	rBV2	69606	161731	2.81%	0.313%
37	11.810	1494	1500	1504	rBV4	7846	11146	0.19%	0.022%
38	11.892	1509	1514	1516	rVV5	5590	7843	0.14%	0.015%
39	11.928	1516	1520	1528	rVB2	16404	30486	0.53%	0.059%
40	12.004	1528	1533	1540	rBV6	5649	16049	0.28%	0.031%
41	12.492	1611	1616	1618	rBV5	6905	9335	0.16%	0.018%
42	12.516	1618	1620	1623	rVV2	8571	8497	0.15%	0.016%
43	12.569	1625	1629	1633	rVB4	6372	9488	0.16%	0.018%
44	12.816	1667	1671	1678	rVB4	9351	16167	0.28%	0.031%
45	13.051	1703	1711	1718	rBV	161904	240950	4.19%	0.466%
46	13.122	1718	1723	1727	rVV6	8581	18505	0.32%	0.036%
47	13.186	1727	1734	1743	rVB7	12053	24198	0.42%	0.047%
48	13.622	1800	1808	1813	rBV	1878856	2675072	46.50%	5.175%
49	13.669	1813	1816	1823	rVB	295799	383537	6.67%	0.742%
50	13.892	1846	1854	1863	rBV	2126195	3127698	54.37%	6.051%
51	14.204	1900	1907	1916	rBV2	1597263	2313708	40.22%	4.476%
52	14.422	1937	1944	1959	rBV	136474	273540	4.76%	0.529%
53	14.657	1977	1984	1991	rBV	89962	133705	2.32%	0.259%
54	14.739	1994	1998	2007	rVB2	18698	43197	0.75%	0.084%
55	14.974	2033	2038	2040	rVB	9340	12231	0.21%	0.024%
56	15.039	2044	2049	2054	rVV3	20398	30633	0.53%	0.059%
57	15.092	2054	2058	2061	rVB6	4541	7003	0.12%	0.014%
58	15.204	2070	2077	2087	rVB	2809025	3927683	68.28%	7.598%
59	15.327	2092	2098	2108	rBV	838804	1147400	19.95%	2.220%
60	15.445	2113	2118	2122	rVB2	45498	65443	1.14%	0.127%
61	15.504	2122	2128	2130	rBV6	4020	6539	0.11%	0.013%
62	15.586	2136	2142	2146	rBV4	14803	27789	0.48%	0.054%
63	15.774	2171	2174	2179	rVB7	7449	11677	0.20%	0.023%
64	15.851	2183	2187	2189	rBV4	7615	9548	0.17%	0.018%
65	15.992	2207	2211	2218	rVB6	13205	20158	0.35%	0.039%
66	16.051	2218	2221	2227	rBV3	6418	11188	0.19%	0.022%
67	16.121	2227	2233	2238	rBV3	25366	42404	0.74%	0.082%
68	16.227	2246	2251	2256	rVB8	5245	9677	0.17%	0.019%
69	16.474	2290	2293	2296	rBV3	8477	9875	0.17%	0.019%
70	16.639	2316	2321	2325	rVB8	8763	13260	0.23%	0.026%
71	16.698	2328	2331	2334	rBV5	5411	7115	0.12%	0.014%

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72	16.745	2335	2339	2346	rVV3	20550	33303	0.58%	0.064%
73	16.827	2351	2353	2358	rVB5	4821	6234	0.11%	0.012%
74	16.951	2368	2374	2384	rBV	2176310	2898927	50.39%	5.608%
75	17.051	2384	2391	2402	rBV	3391713	4600779	79.98%	8.900%
76	17.474	2461	2463	2467	rBV5	5551	7379	0.13%	0.014%
77	17.527	2470	2472	2476	rVB4	7838	11241	0.20%	0.022%
78	17.639	2487	2491	2499	rBV5	46710	62370	1.08%	0.121%
79	17.804	2515	2519	2525	rBV9	9897	18156	0.32%	0.035%
80	17.874	2526	2531	2540	rBV	268427	444922	7.73%	0.861%
81	18.162	2575	2580	2587	rBV2	60920	91882	1.60%	0.178%
82	18.986	2716	2720	2727	rBV	45459	72780	1.27%	0.141%
83	19.168	2747	2751	2757	rBV2	104365	170793	2.97%	0.330%
84	19.239	2760	2763	2769	rVB	41065	58412	1.02%	0.113%
85	19.356	2777	2783	2789	rBV	4425534	5752567	100.00%	11.128%
86	19.798	2854	2858	2864	rBV	120747	164983	2.87%	0.319%
87	20.327	2946	2948	2952	rVB4	51360	48533	0.84%	0.094%
88	20.892	3040	3044	3051	rBV	470596	601312	10.45%	1.163%
89	21.121	3079	3083	3084	rBV	156020	175066	3.04%	0.339%
90	21.150	3084	3088	3095	rVB	2715348	3468663	60.30%	6.710%
91	23.186	3428	3434	3441	rBV	2724120	4664892	81.09%	9.024%
92	23.321	3451	3457	3466	rVB	1605605	2904846	50.50%	5.619%

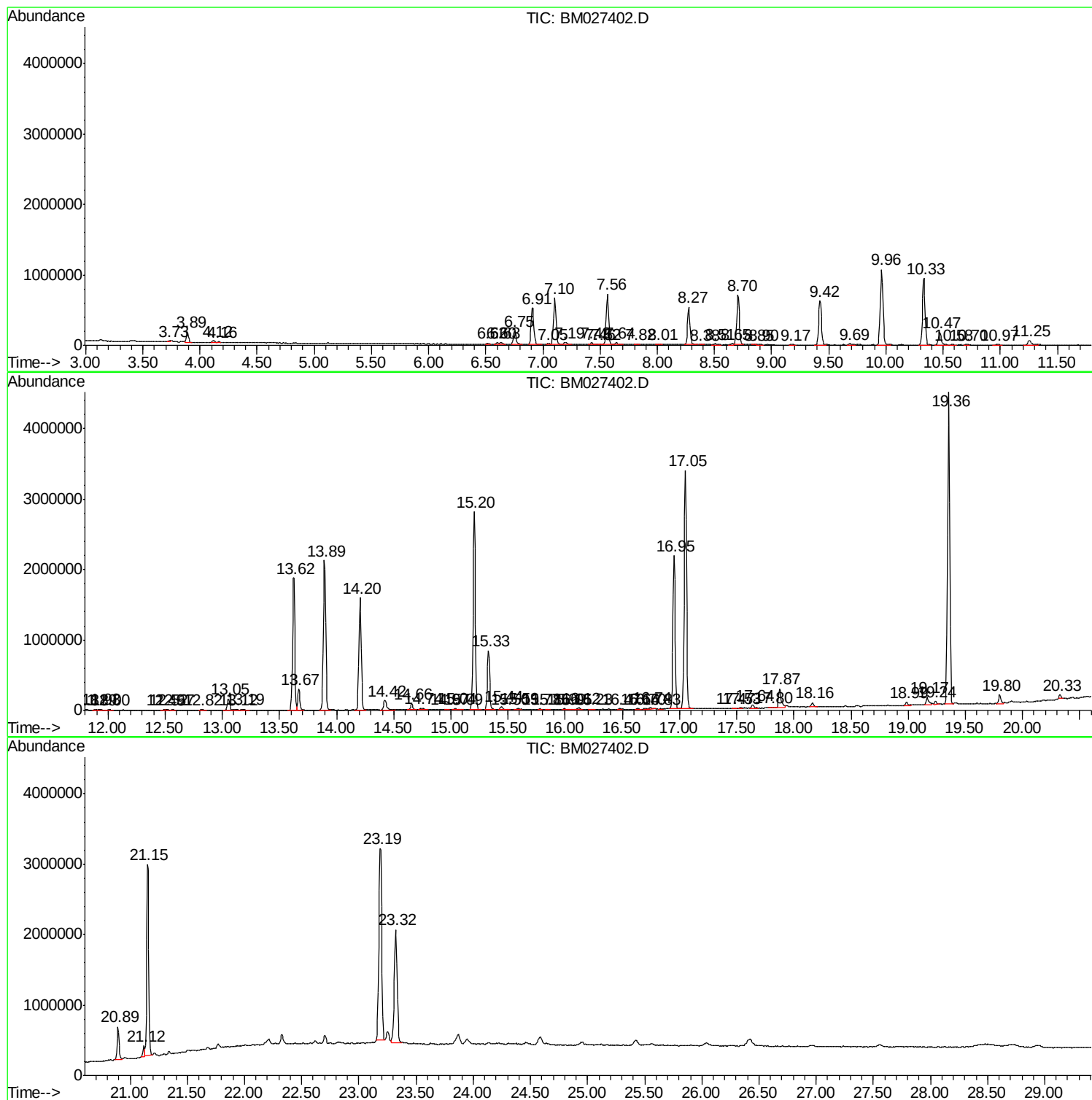
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



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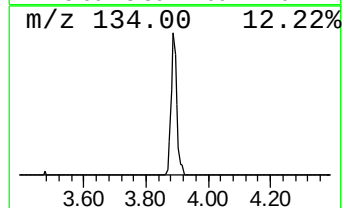
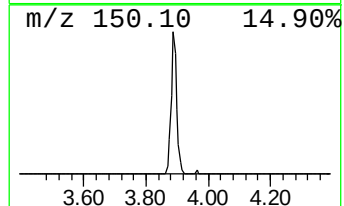
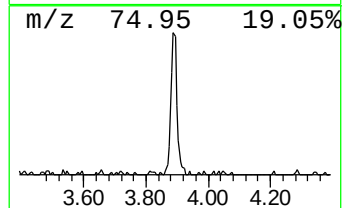
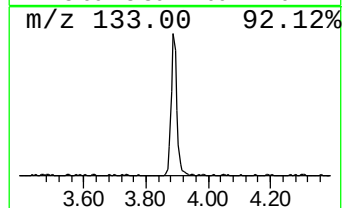
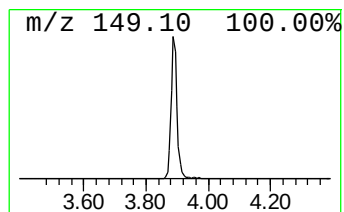
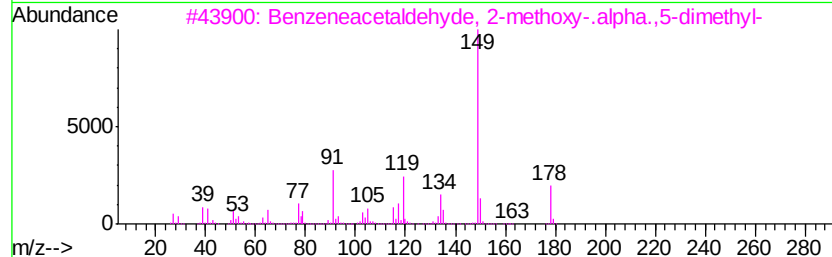
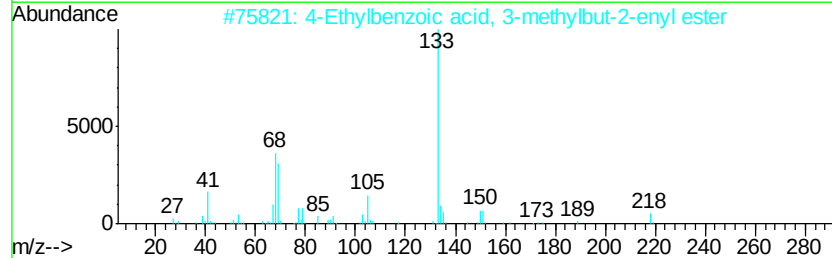
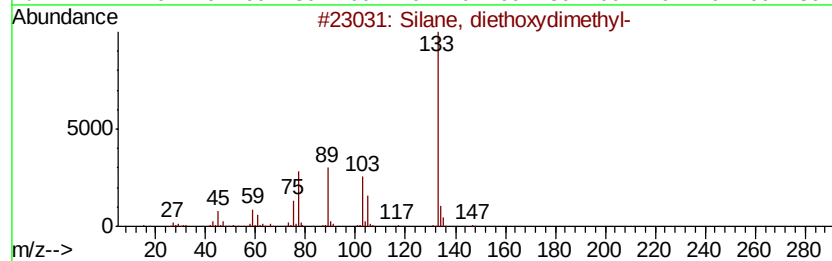
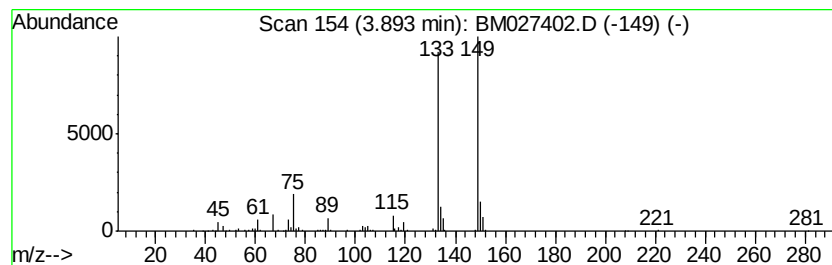
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	3.49 ng/ul	191192	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, diethoxydimethyl-	148	C6H16O2Si	000078-62-6	35
2		4-Ethylbenzoic acid, 3-methylbut...	218	C14H18O2	1000292-54-1	32
3		Benzeneacetaldehyde, 2-methoxyv-....	178	C11H14O2	053155-90-1	32
4		4-Ethylbenzoic acid, 2,4,6-trich...	328	C15H11Cl3O2	1000325-73-6	25
5		4-Ethylbenzoic acid, 2,5-dichlor...	294	C15H12Cl2O2	1000325-73-5	25



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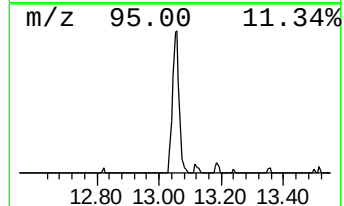
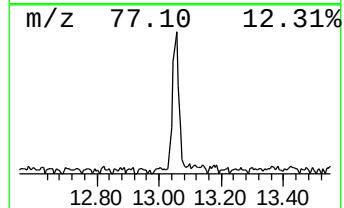
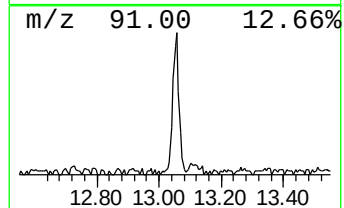
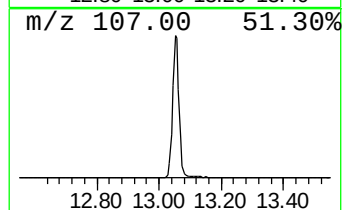
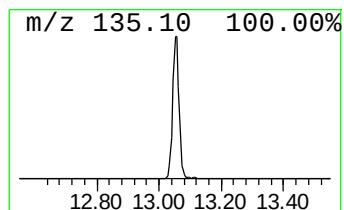
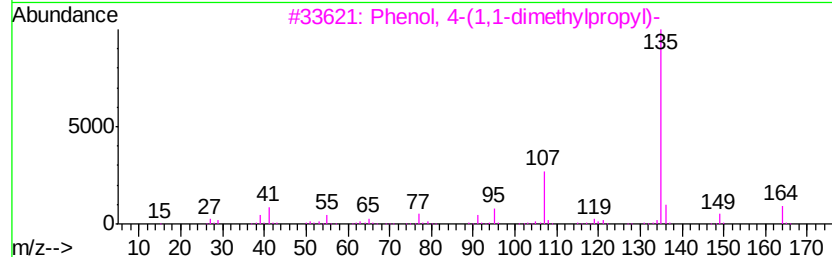
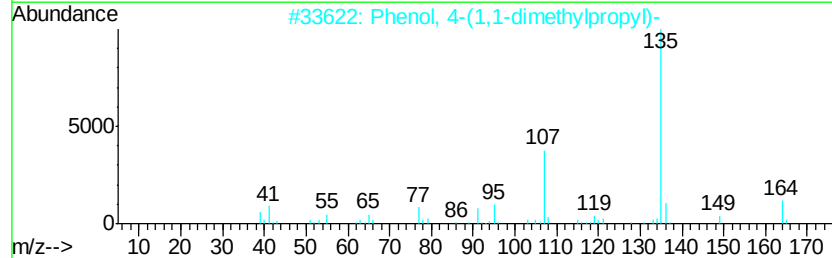
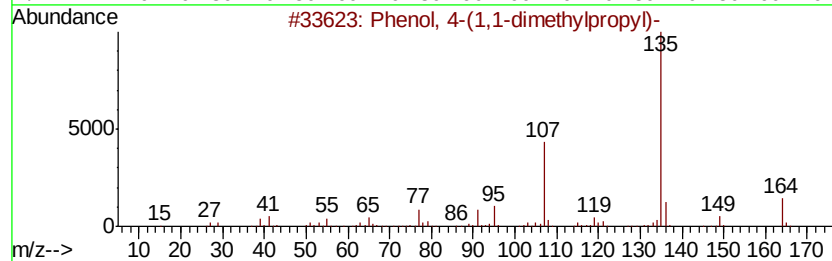
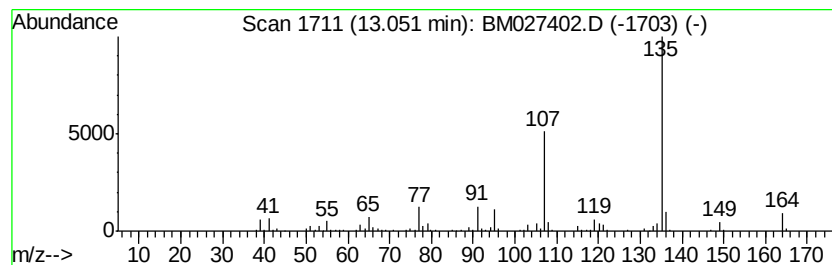
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenol, 4-(1,1-dimethylprop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.05	2.08 ng/ul	240950	Acenaphthene-d10		14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol,	4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	95	
2	Phenol,	4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	94	
3	Phenol,	4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	80	
4	Phenol,	p-tert-butyl-	150	C10H14O	000098-54-4	72	
5	Phenol,	m-tert-butyl-	150	C10H14O	000585-34-2	72	



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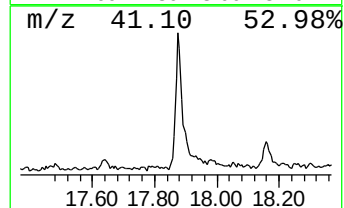
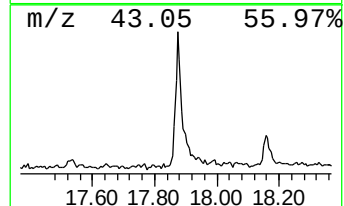
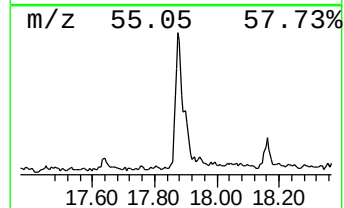
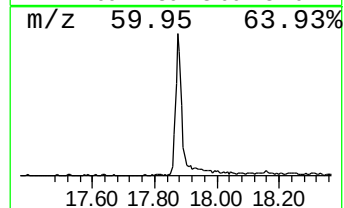
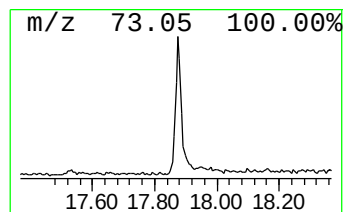
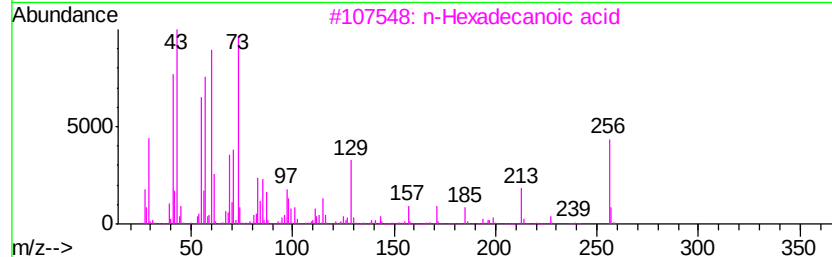
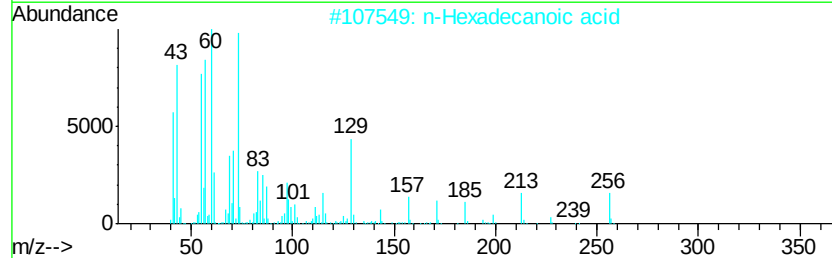
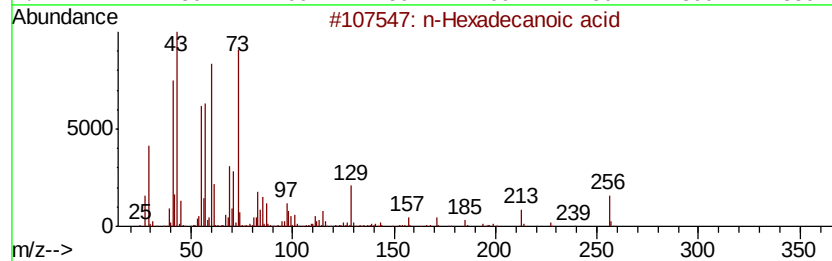
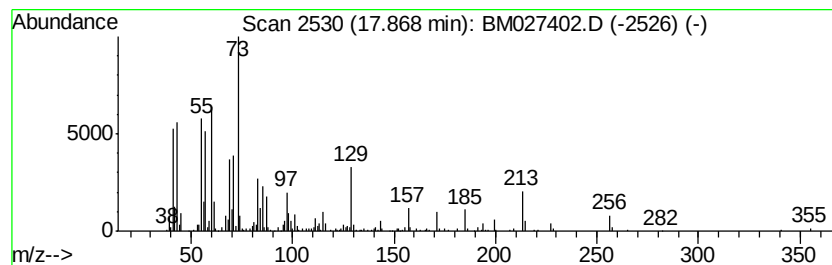
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.07 ng/ul	444922	Phenanthrene-d10	16.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	95
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	58
5	Tetradecanoic acid	228 C14H28O2	000544-63-8	53



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ALS Vial : 38 Sample Multiplier: 1

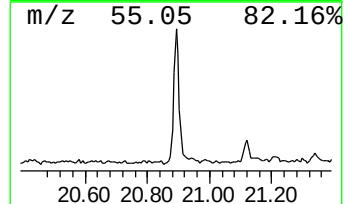
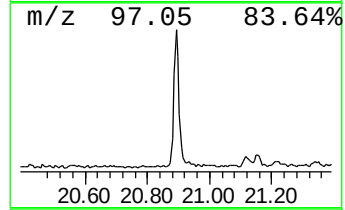
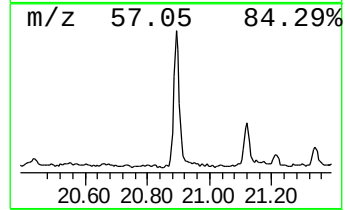
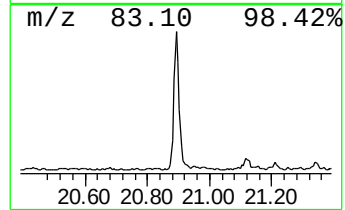
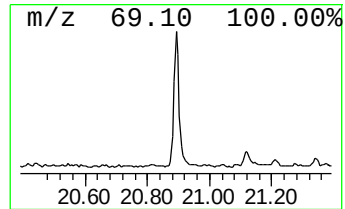
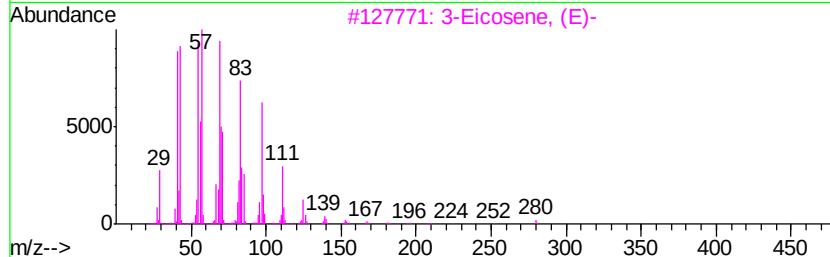
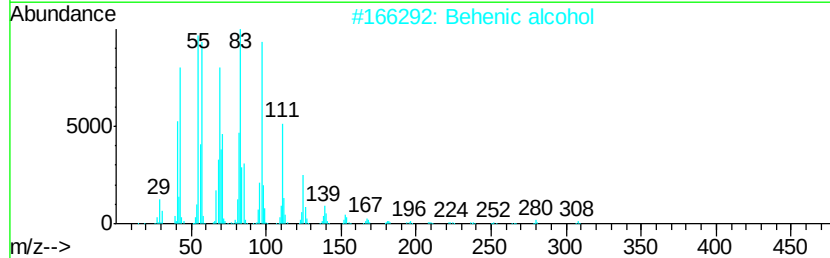
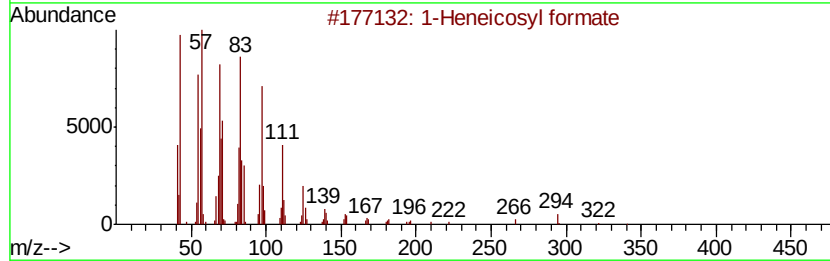
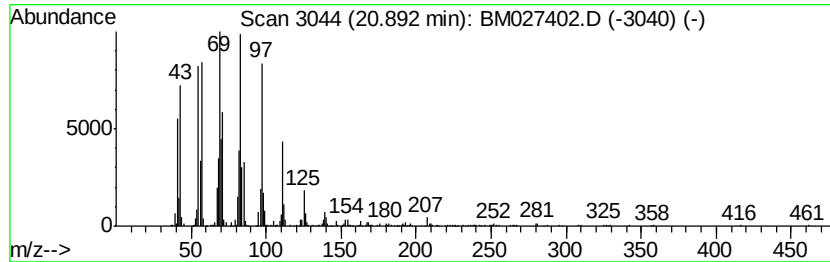
Instrument :
BNA_M
ClientSampleId :
F4Y44

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.47 ng/ul	601312	Chrysene-d12	21.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosyl formate	340 C22H44O2	077899-03-7	94
2	Behenic alcohol	326 C22H46O	000661-19-8	91
3	3-Eicosene, (E)-	280 C20H40	074685-33-9	91
4	Bromoacetic acid, hexadecyl ester	362 C18H35BrO2	005454-48-8	87
5	n-Nonadecanol-1	284 C19H40O	001454-84-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091020\
Data File : BM027402.D
Acq On : 11 Sep 2020 13:29
Operator : JU/CG
Sample : L3961-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F4Y44

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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
unknown-01	3.89	3.5	ng/ul	191192	1	7.56	1095930	20.0
Phenol, 4-(1,1-di...	13.05	2.1	ng/ul	240950	3	14.20	2313710	20.0
n-Hexadecanoic acid	17.87	3.1	ng/ul	444922	4	16.95	2898930	20.0
1-Heneicosyl formate	20.89	3.5	ng/ul	601312	5	21.15	3468660	20.0