

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
 Data File : BM033124.D
 Acq On : 17 Nov 2021 17:53
 Operator : CG/JU
 Sample : M4642-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X3809

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
 Title : SVOA CALIBRATION

Signal : TIC: BM033124.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.425	11	15	17	rBV	19227	24081	0.75%	0.039%
2	3.455	17	20	27	rVB	80164	103760	3.23%	0.168%
3	3.843	82	86	98	rBV	206720	318195	9.90%	0.514%
4	4.166	136	141	144	rVB3	8356	11925	0.37%	0.019%
5	5.090	293	298	306	rBV	260133	366477	11.40%	0.592%
6	7.125	637	644	657	rVB	336075	561036	17.46%	0.907%
7	7.301	667	674	682	rBV	229308	376832	11.73%	0.609%
8	7.396	684	690	701	rVV	372055	579776	18.04%	0.937%
9	7.501	701	708	710	rVV	328751	502498	15.64%	0.812%
10	7.537	710	714	726	rVB	422981	722808	22.49%	1.168%
11	7.972	781	788	795	rVV	300288	478547	14.89%	0.773%
12	8.025	795	797	803	rVB5	4577	7529	0.23%	0.012%
13	8.501	869	878	884	rBV	253984	630367	19.61%	1.019%
14	8.548	884	886	893	rVB2	27609	38908	1.21%	0.063%
15	8.666	899	906	917	rVB	376262	603669	18.78%	0.975%
16	8.778	918	925	932	rBV	248687	381725	11.88%	0.617%
17	9.054	963	972	979	rBV	363352	608310	18.93%	0.983%
18	9.131	979	985	989	rVV	293781	523247	16.28%	0.845%
19	9.172	989	992	1000	rVB	355151	565303	17.59%	0.913%
20	9.531	1048	1053	1060	rVB3	8039	14584	0.45%	0.024%
21	9.848	1099	1107	1116	rBV	219820	386816	12.04%	0.625%
22	10.178	1157	1163	1171	rBV	310110	492083	15.31%	0.795%
23	10.389	1190	1199	1200	rBV	408844	640985	19.94%	1.036%
24	10.407	1200	1202	1213	rVB	473734	746087	23.21%	1.206%
25	10.548	1222	1226	1234	rBV	27431	50604	1.57%	0.082%
26	10.772	1252	1264	1268	rBV	378202	687033	21.38%	1.110%
27	10.825	1268	1273	1280	rVV	469683	816328	25.40%	1.319%
28	10.901	1280	1286	1300	rVB	342764	606696	18.88%	0.980%
29	11.101	1313	1320	1328	rVB	349920	560431	17.44%	0.906%
30	12.295	1517	1523	1528	rBV	10875	17209	0.54%	0.028%
31	12.348	1528	1532	1537	rVB4	5968	9902	0.31%	0.016%
32	12.548	1561	1566	1569	rBV6	10437	16125	0.50%	0.026%
33	12.583	1569	1572	1575	rVV	7789	10938	0.34%	0.018%
34	12.642	1575	1582	1593	rVB	618025	972227	30.25%	1.571%
35	12.772	1596	1604	1613	rBV3	410400	970039	30.18%	1.567%
36	12.836	1613	1615	1621	rVB5	4957	7688	0.24%	0.012%

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
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37	12.930	1623	1631	1633	rBV5	6230	13947	0.43%	0.023%
38	13.025	1640	1647	1653	rBV	690425	1063161	33.08%	1.718%
39	13.089	1653	1658	1669	rVB	431006	659301	20.51%	1.065%
40	13.413	1709	1713	1717	rBV	29663	44205	1.38%	0.071%
41	13.472	1717	1723	1732	rVB	631815	1018322	31.69%	1.645%
42	13.860	1784	1789	1795	rBV6	5168	10572	0.33%	0.017%
43	14.001	1807	1813	1817	rBV	671780	938034	29.19%	1.516%
44	14.048	1817	1821	1828	rVB	660912	885190	27.54%	1.430%
45	14.166	1835	1841	1848	rVB2	252840	357015	11.11%	0.577%
46	14.236	1850	1853	1855	rVV4	8422	9820	0.31%	0.016%
47	14.289	1855	1862	1864	rVV	702760	1123142	34.95%	1.815%
48	14.313	1864	1866	1875	rVB	540254	751198	23.37%	1.214%
49	14.483	1891	1895	1899	rBV4	5713	9130	0.28%	0.015%
50	14.595	1906	1914	1919	rBV	566067	877972	27.32%	1.419%
51	14.654	1919	1924	1935	rVB	561199	845789	26.32%	1.367%
52	14.766	1935	1943	1954	rBV	353771	553491	17.22%	0.894%
53	14.860	1954	1959	1968	rVV	520699	774526	24.10%	1.252%
54	14.942	1968	1973	1977	rVV	220904	337009	10.49%	0.545%
55	14.989	1977	1981	1989	rVB	610479	869467	27.05%	1.405%
56	15.366	2040	2045	2046	rBV5	7508	8161	0.25%	0.013%
57	15.407	2046	2052	2063	rVB	718323	981346	30.54%	1.586%
58	15.583	2074	2082	2086	rBV	911807	1391415	43.29%	2.248%
59	15.636	2086	2091	2096	rVV2	973310	1509421	46.97%	2.439%
60	15.689	2096	2100	2109	rVB	267844	389246	12.11%	0.629%
61	16.030	2155	2158	2164	rVB6	5691	9694	0.30%	0.016%
62	16.118	2168	2173	2181	rVV9	8308	14790	0.46%	0.024%
63	16.230	2188	2192	2194	rBV5	6932	10531	0.33%	0.017%
64	16.277	2195	2200	2209	rVB5	13561	32856	1.02%	0.053%
65	16.454	2225	2230	2235	rBV7	13650	25039	0.78%	0.040%
66	16.518	2235	2241	2248	rVB	524404	741077	23.06%	1.197%
67	16.630	2254	2260	2266	rVB	413440	576998	17.95%	0.932%
68	16.695	2266	2271	2278	rBV8	10680	18447	0.57%	0.030%
69	16.871	2295	2301	2304	rBV8	6561	10795	0.34%	0.017%
70	16.971	2313	2318	2330	rVB	647845	927188	28.85%	1.498%
71	17.083	2333	2337	2340	rBV3	8569	10303	0.32%	0.017%
72	17.248	2361	2365	2369	rVB7	6130	8852	0.28%	0.014%
73	17.330	2371	2379	2389	rVB	715631	1069266	33.27%	1.728%
74	17.424	2389	2395	2398	rBV	1183046	1784160	55.52%	2.883%
75	17.460	2398	2401	2409	rVV	1492640	2104552	65.48%	3.401%
76	17.730	2439	2447	2455	rVB	1331430	1928716	60.01%	3.116%

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 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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77	17.860	2466	2469	2475	rVB7	6893	12566	0.39%	0.020%
78	17.936	2478	2482	2486	rVB4	29396	38617	1.20%	0.062%
79	17.995	2487	2492	2498	rVB	116684	148971	4.64%	0.241%
80	18.212	2524	2529	2537	rVV	113717	185873	5.78%	0.300%
81	18.289	2537	2542	2552	rVB	1236761	1517510	47.22%	2.452%
82	18.589	2589	2593	2596	rBV6	6758	10495	0.33%	0.017%
83	18.736	2614	2618	2621	rBV3	21182	26613	0.83%	0.043%
84	19.065	2671	2674	2680	rVB7	27300	33159	1.03%	0.054%
85	19.130	2682	2685	2686	rBV2	20157	19906	0.62%	0.032%
86	19.159	2686	2690	2694	rVB	256055	299175	9.31%	0.483%
87	19.289	2709	2712	2717	rVB	57207	68688	2.14%	0.111%
88	19.342	2718	2721	2726	rBV2	20304	34665	1.08%	0.056%
89	19.477	2741	2744	2749	rBV2	69894	97891	3.05%	0.158%
90	19.706	2777	2783	2792	rBV	1648474	2222558	69.16%	3.591%
91	20.624	2935	2939	2944	rBV	1584930	1717938	53.45%	2.776%
92	21.189	3032	3035	3040	rBV2	168463	188871	5.88%	0.305%
93	21.395	3066	3070	3077	rBV	1157521	1274418	39.65%	2.059%
94	21.471	3078	3083	3091	rVV2	1753006	3213829	100.00%	5.193%
95	22.306	3221	3225	3231	rVB	1905378	2412980	75.08%	3.899%
96	23.118	3358	3363	3367	rBV2	672392	1239580	38.57%	2.003%
97	23.171	3367	3372	3380	rVB	1662635	2865649	89.17%	4.630%
98	23.689	3454	3460	3472	rVB2	1124716	2546653	79.24%	4.115%
99	23.836	3480	3485	3493	rVB2	580611	1127678	35.09%	1.822%
100	26.982	4015	4020	4031	rVB2	512702	1478157	45.99%	2.388%

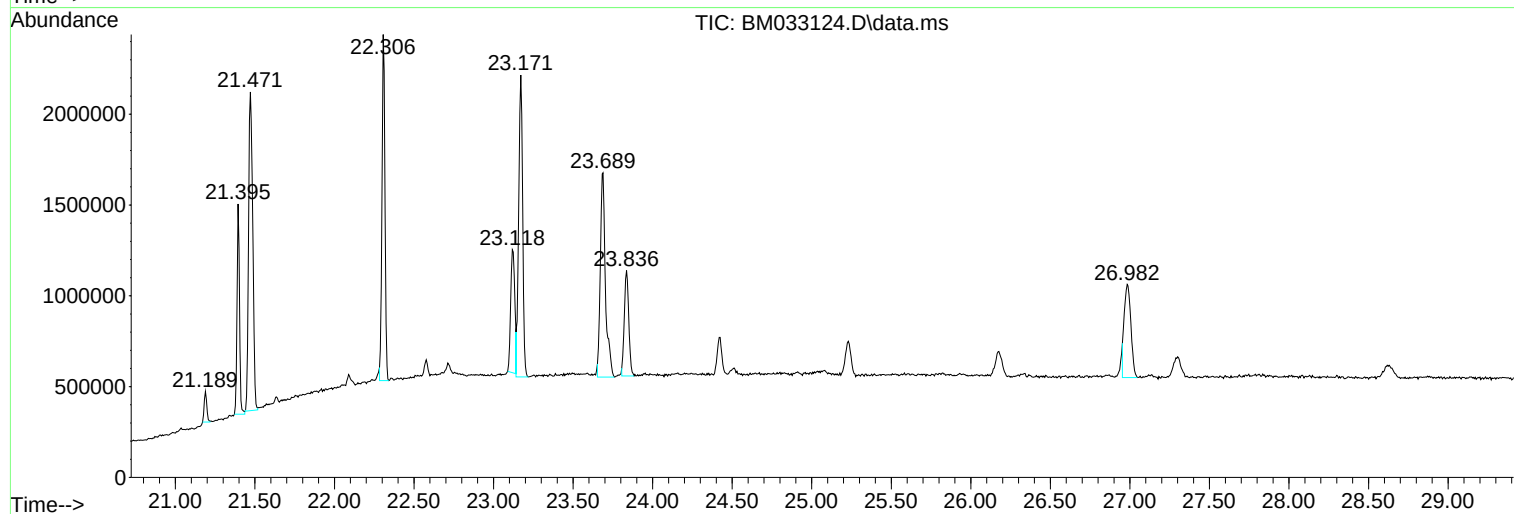
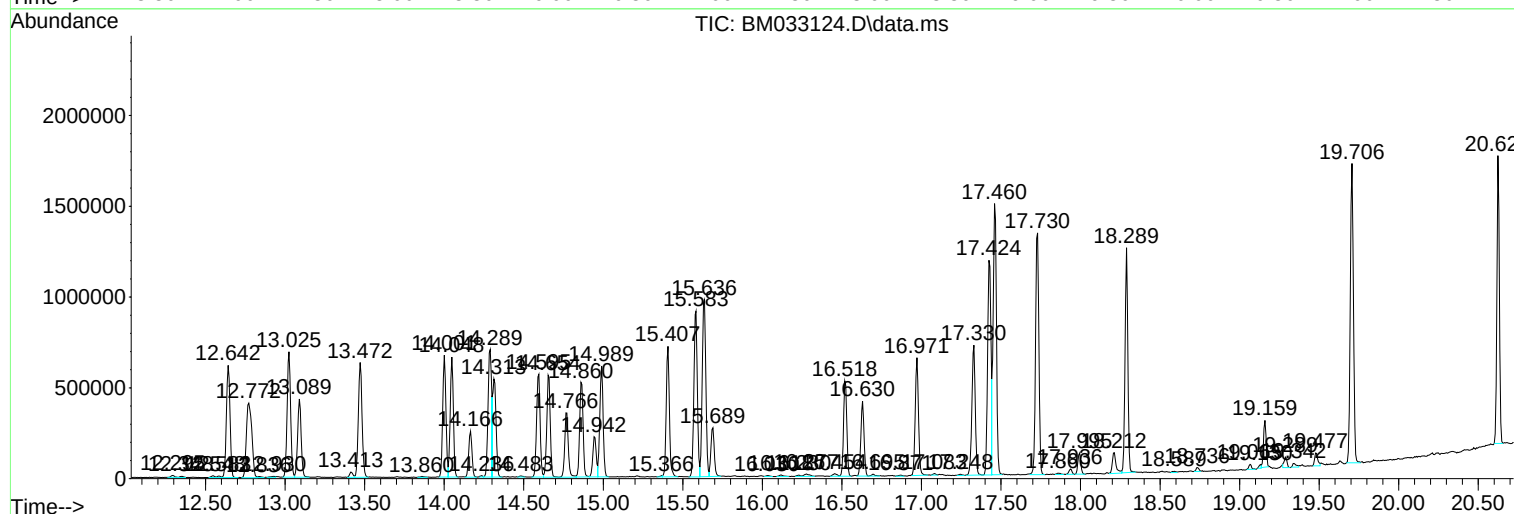
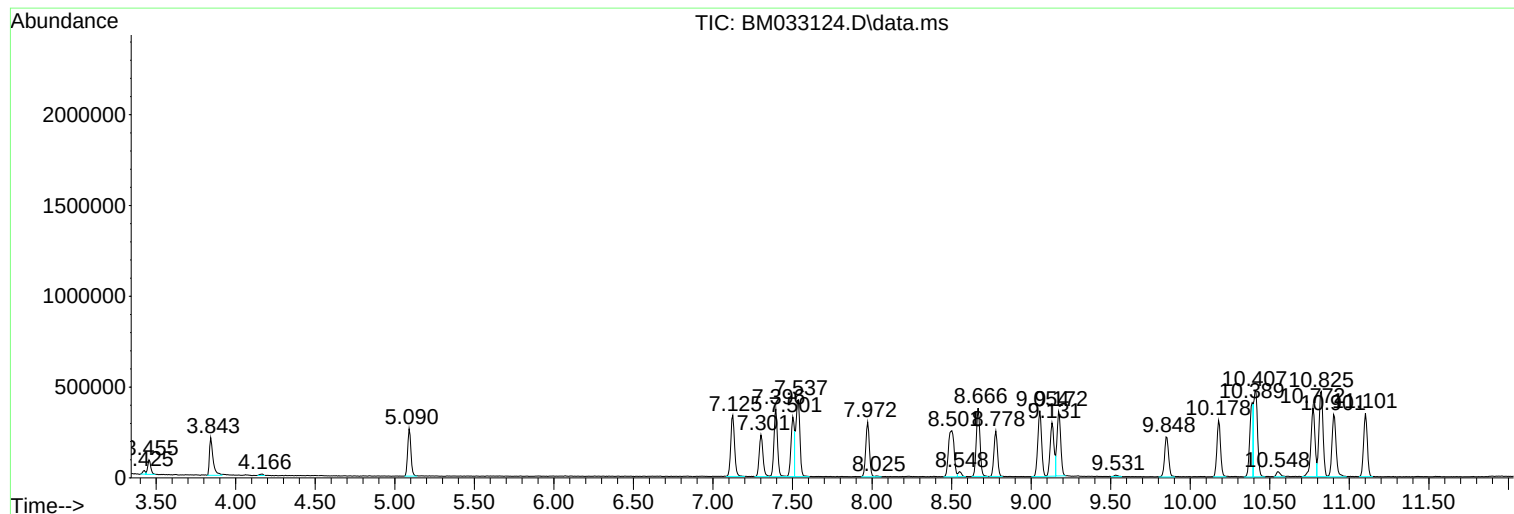
Sum of corrected areas: 61887352

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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



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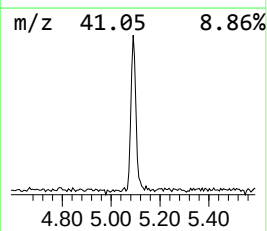
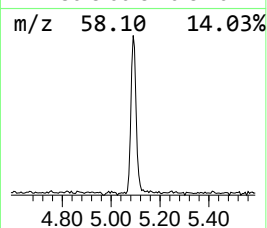
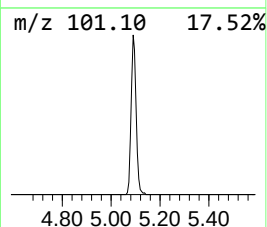
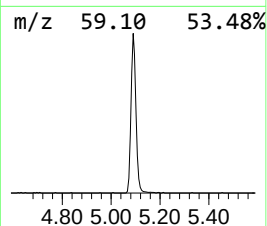
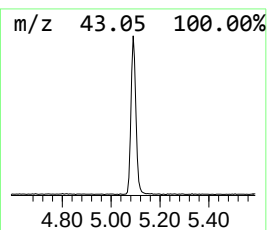
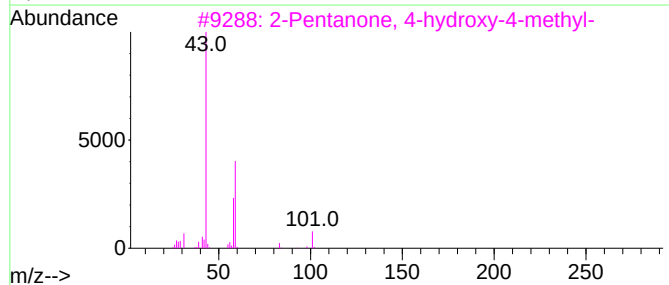
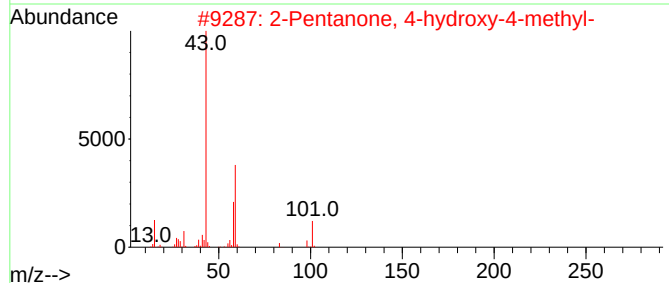
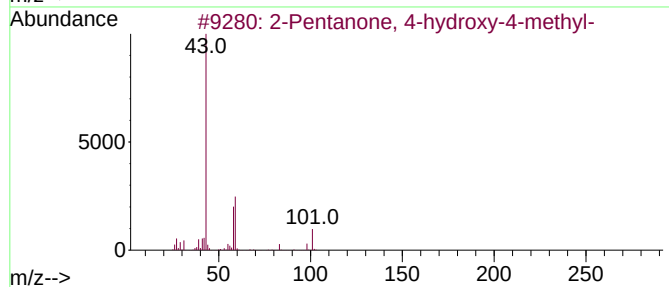
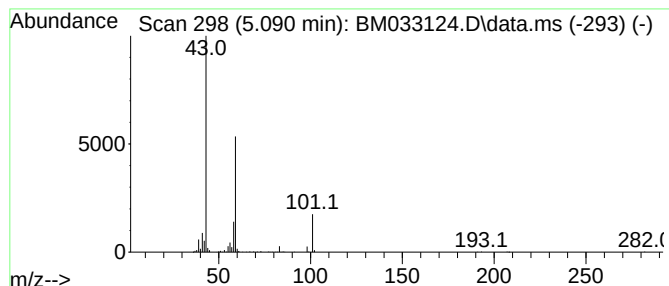
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.090	15.32 ng/ul	366477	1,4-Dichlorobenzene-d4	7.972

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45		
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32		



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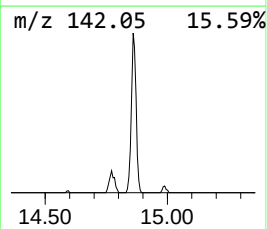
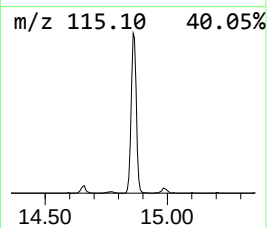
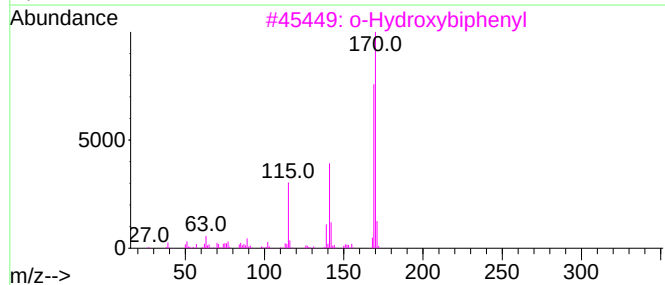
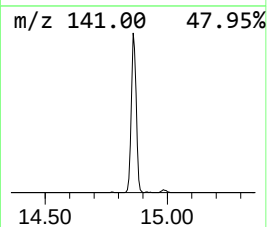
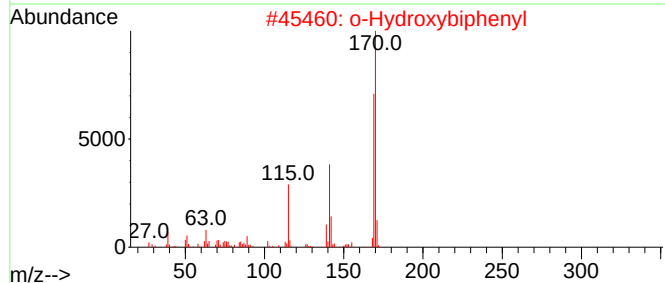
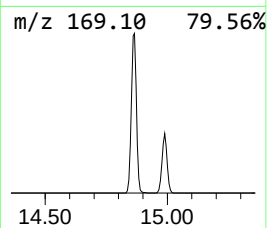
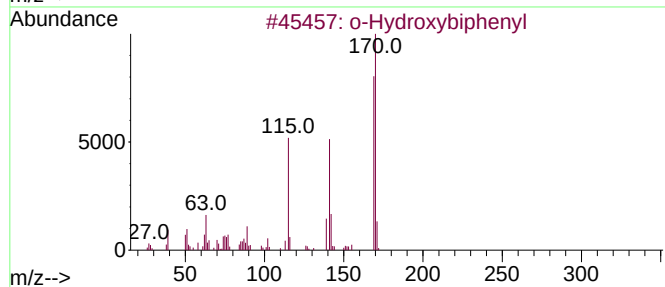
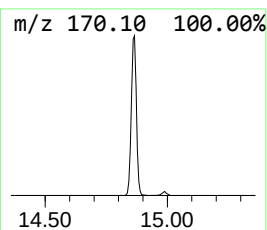
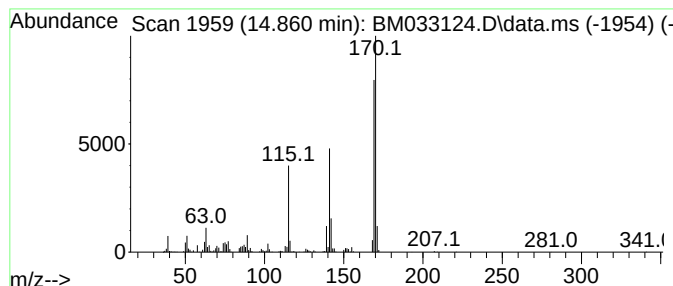
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 o-Hydroxybiphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.860	17.64 ng/ul	774526	Acenaphthene-d10	14.595

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
3			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
4			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	95
5			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94



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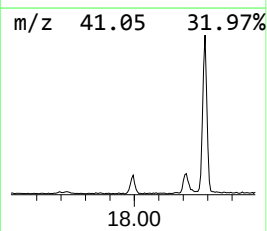
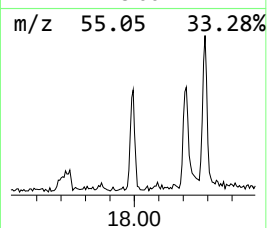
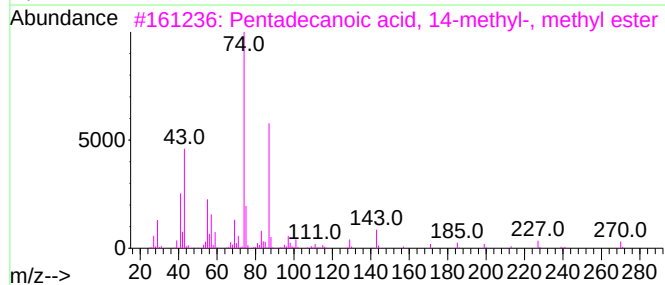
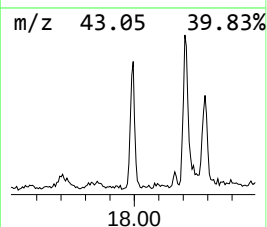
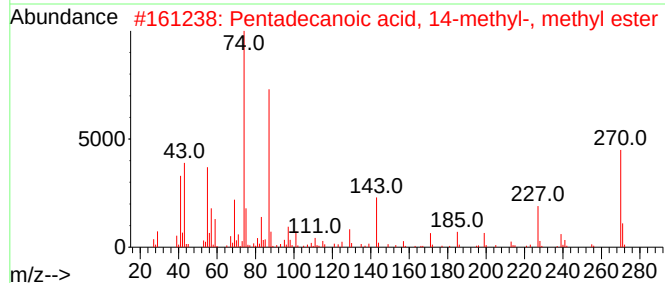
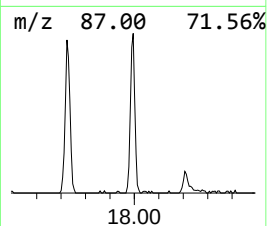
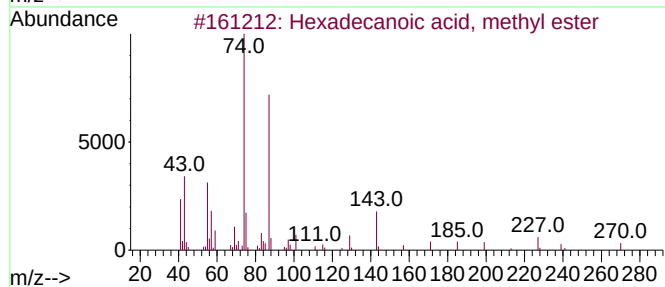
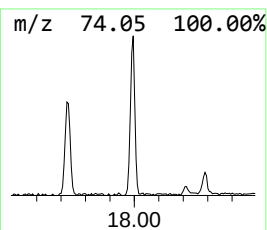
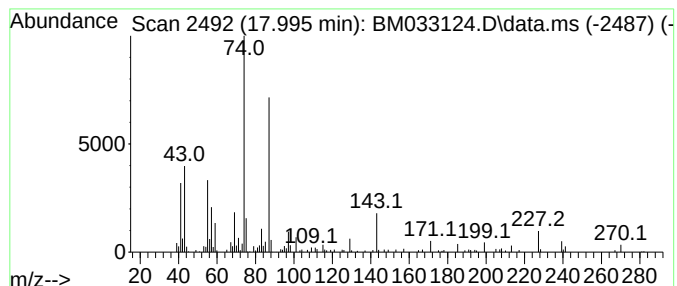
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.995	2.79 ng/ul	148971	Phenanthrene-d10	17.330

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
5			Pentadecanoic acid, 13-methyl-, ...	270	C17H34O2	005487-50-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033124.D
Acq On : 17 Nov 2021 17:53
Operator : CG/JU
Sample : M4642-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3809

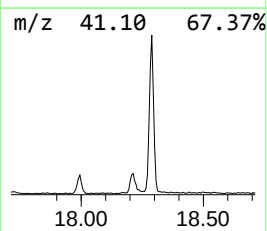
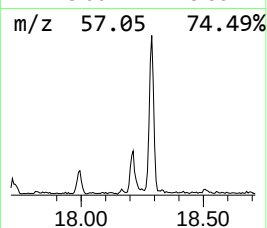
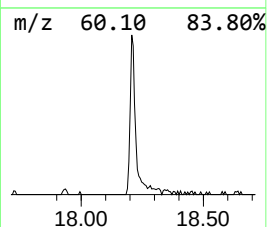
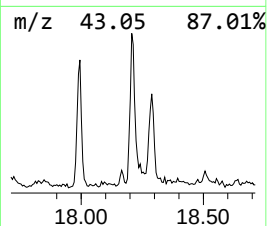
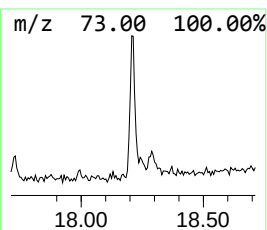
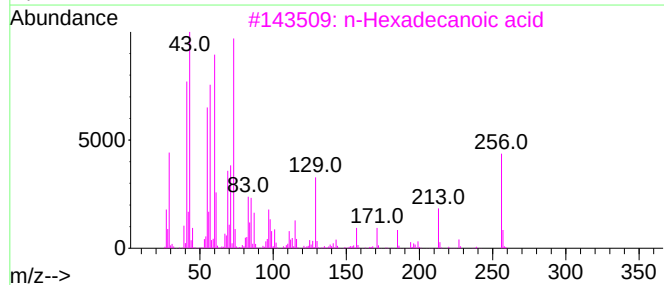
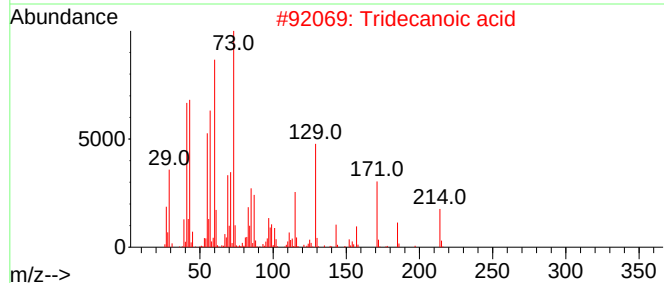
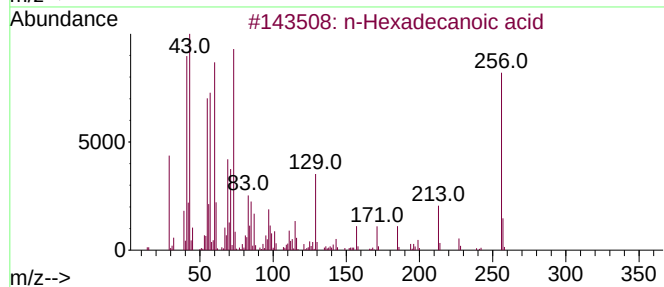
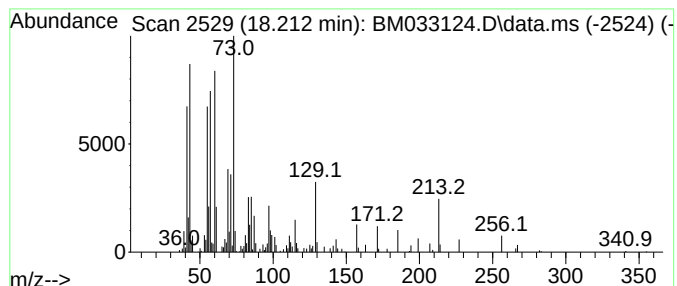
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.212	3.48 ng/ul	185873	Phenanthrene-d10	17.330

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5			Tridecanoic acid	214	C13H26O2	000638-53-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033124.D
Acq On : 17 Nov 2021 17:53
Operator : CG/JU
Sample : M4642-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

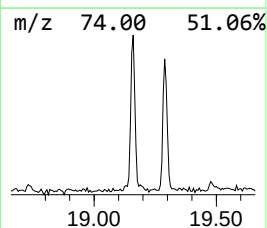
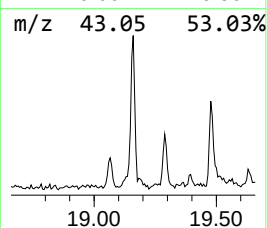
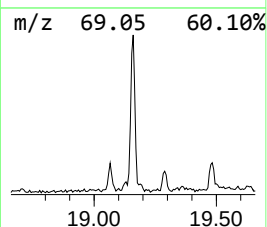
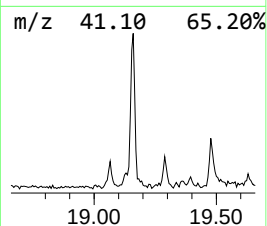
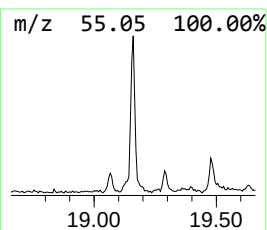
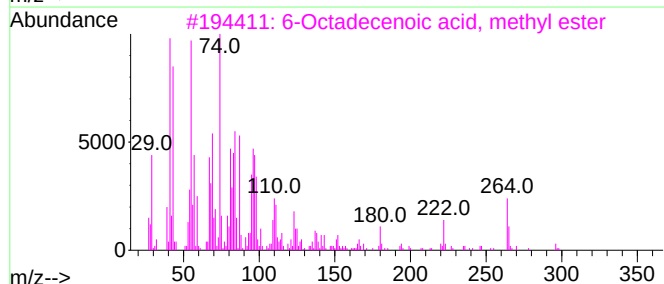
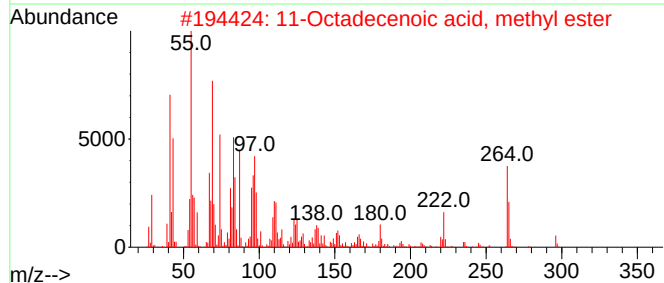
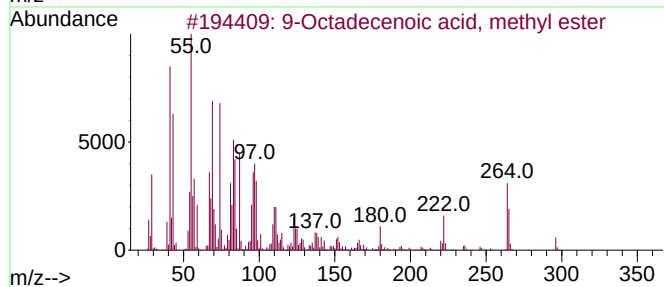
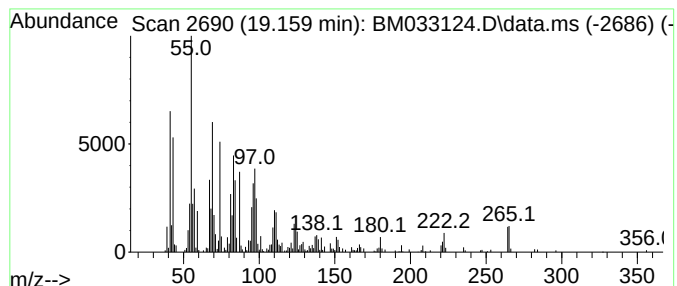
Instrument :
BNA_M
ClientSampleId :
X3809

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 9-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.160	5.60 ng/ul	299175	Phenanthrene-d10	17.330	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	95
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033124.D
Acq On : 17 Nov 2021 17:53
Operator : CG/JU
Sample : M4642-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3809

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.090	15.3	ng/ul	366477	1	7.972	478547	20.0
o-Hydroxybiphenyl	14.860	17.6	ng/ul	774526	3	14.595	877972	20.0
Hexadecanoic ac...	17.995	2.8	ng/ul	148971	4	17.330	1069270	20.0
n-Hexadecanoic ...	18.212	3.5	ng/ul	185873	4	17.330	1069270	20.0
9-Octadecenoic ...	19.160	5.6	ng/ul	299175	4	17.330	1069270	20.0