

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
 Data File : BM038844.D
 Acq On : 02 Mar 2023 19:59
 Operator : CG/JU
 Sample : 01710-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAB4

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-BM022823.M
 Title : SVOA CALIBRATION

Signal : TIC: BM038844.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.116	3	5	23	rVB	5494237	6688049	100.00%	12.355%
2	3.381	46	50	57	rVB	34773	47493	0.71%	0.088%
3	3.822	119	125	129	rBV5	7210	11756	0.18%	0.022%
4	3.916	136	141	148	rBV	23681	36644	0.55%	0.068%
5	4.052	159	164	171	rVB	42004	61429	0.92%	0.113%
6	4.146	176	180	186	rVB	16288	24103	0.36%	0.045%
7	4.252	193	198	204	rBV	23120	35283	0.53%	0.065%
8	4.310	206	208	214	rVB4	6549	8174	0.12%	0.015%
9	4.369	214	218	223	rBV	27263	39625	0.59%	0.073%
10	4.528	239	245	249	rBV6	10037	17332	0.26%	0.032%
11	4.716	274	277	281	rVB5	6759	8796	0.13%	0.016%
12	4.793	285	290	295	rVB4	21270	31451	0.47%	0.058%
13	5.081	334	339	346	rVB	75563	118878	1.78%	0.220%
14	6.387	553	561	565	rBV	25788	42423	0.63%	0.078%
15	6.687	606	612	619	rVB	84169	131898	1.97%	0.244%
16	6.951	653	657	661	rBV6	5698	9962	0.15%	0.018%
17	6.999	661	665	670	rVB7	8454	13078	0.20%	0.024%
18	7.157	685	692	702	rBV	581700	940582	14.06%	1.738%
19	7.334	716	722	731	rVB	497839	759081	11.35%	1.402%
20	7.534	745	756	766	rBV	581802	902096	13.49%	1.666%
21	7.634	769	773	777	rVB6	7818	10066	0.15%	0.019%
22	7.822	800	805	809	rVB3	6110	8925	0.13%	0.016%
23	8.010	830	837	844	rBV	832392	1307365	19.55%	2.415%
24	8.069	844	847	852	rVV6	6266	10469	0.16%	0.019%
25	8.151	854	861	866	rVB3	8751	13828	0.21%	0.026%
26	8.245	872	877	884	rBV7	14606	24438	0.37%	0.045%
27	8.557	926	930	936	rBV9	8698	15021	0.22%	0.028%
28	8.710	948	956	965	rBV	671182	1065031	15.92%	1.967%
29	8.834	969	977	984	rVV	63828	108047	1.62%	0.200%
30	9.175	1028	1035	1042	rBV	508413	829320	12.40%	1.532%
31	9.251	1044	1048	1060	rVV	7522	20041	0.30%	0.037%
32	9.610	1105	1109	1113	rBV2	13754	19122	0.29%	0.035%
33	9.898	1145	1158	1165	rBV	363246	612634	9.16%	1.132%
34	9.951	1165	1167	1173	rVB7	6964	10412	0.16%	0.019%
35	10.028	1177	1180	1187	rBV7	6974	13890	0.21%	0.026%
36	10.134	1193	1198	1203	rBV9	5946	9600	0.14%	0.018%

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37	10.263	1212	1220	1224	rVB7	7075	14985	0.22%	0.028%
38	10.434	1243	1249	1260	rVV	677233	1091825	16.33%	2.017%
39	10.604	1273	1278	1284	rVB8	5453	10647	0.16%	0.020%
40	10.681	1287	1291	1295	rVB6	15116	22270	0.33%	0.041%
41	10.822	1307	1315	1323	rBV	1174414	1962066	29.34%	3.624%
42	10.957	1329	1338	1347	rBV	603747	1019820	15.25%	1.884%
43	11.357	1400	1406	1410	rVB8	7296	12418	0.19%	0.023%
44	11.610	1445	1449	1454	rBV8	6131	8537	0.13%	0.016%
45	12.245	1555	1557	1562	rVB6	8484	10520	0.16%	0.019%
46	12.404	1580	1584	1589	rVB2	13404	17638	0.26%	0.033%
47	13.392	1747	1752	1758	rBV5	18821	27121	0.41%	0.050%
48	13.480	1761	1767	1772	rBV3	19184	27639	0.41%	0.051%
49	13.545	1772	1778	1786	rVB4	25305	45990	0.69%	0.085%
50	13.863	1829	1832	1837	rVB6	7805	10300	0.15%	0.019%
51	13.975	1847	1851	1858	rBV9	7223	13658	0.20%	0.025%
52	14.051	1858	1864	1875	rVV	1314260	1768219	26.44%	3.266%
53	14.210	1882	1891	1896	rVB2	78273	113718	1.70%	0.210%
54	14.339	1906	1913	1921	rVB	1468524	2089466	31.24%	3.860%
55	14.416	1921	1926	1930	rBV7	13275	20843	0.31%	0.039%
56	14.545	1944	1948	1954	rVB5	8865	11972	0.18%	0.022%
57	14.645	1956	1965	1974	rVV	1848657	2710147	40.52%	5.006%
58	14.816	1988	1994	2005	rBV	509753	748517	11.19%	1.383%
59	14.898	2006	2008	2015	rVV6	15692	23874	0.36%	0.044%
60	14.980	2018	2022	2029	rVB7	10065	20309	0.30%	0.038%
61	15.057	2029	2035	2040	rBV5	31529	47268	0.71%	0.087%
62	15.145	2047	2050	2059	rVB9	4209	8587	0.13%	0.016%
63	15.433	2095	2099	2106	rVV6	15684	23116	0.35%	0.043%
64	15.492	2106	2109	2114	rVB4	6277	8339	0.12%	0.015%
65	15.633	2127	2133	2142	rBV	1937755	2680860	40.08%	4.952%
66	15.739	2145	2151	2164	rVB	365295	506080	7.57%	0.935%
67	15.869	2171	2173	2181	rVB8	10979	13567	0.20%	0.025%
68	15.998	2189	2195	2201	rBV	407651	536711	8.02%	0.991%
69	16.198	2224	2229	2235	rBV7	6697	14040	0.21%	0.026%
70	16.651	2302	2306	2309	rVB4	5864	8359	0.12%	0.015%
71	16.927	2349	2353	2357	rVB4	9694	12796	0.19%	0.024%
72	17.098	2380	2382	2387	rVB6	7352	9450	0.14%	0.017%
73	17.280	2409	2413	2421	rBV6	23904	38565	0.58%	0.071%
74	17.386	2421	2431	2441	rBV	2355838	3296587	49.29%	6.090%
75	17.480	2441	2447	2458	rVV	1982982	2854203	42.68%	5.272%
76	17.574	2458	2463	2469	rVB	59705	86111	1.29%	0.159%

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77	17.674	2477	2480	2484	rBV6	12151	17562	0.26%	0.032%
78	18.063	2542	2546	2551	rVB8	8690	11408	0.17%	0.021%
79	18.163	2558	2563	2569	rVB8	18216	33114	0.50%	0.061%
80	18.221	2570	2573	2579	rBV4	24601	37813	0.57%	0.070%
81	18.280	2579	2583	2594	rBV	239524	382852	5.72%	0.707%
82	18.357	2594	2596	2603	rVB6	12892	20428	0.31%	0.038%
83	18.580	2630	2634	2639	rBV6	26799	44328	0.66%	0.082%
84	18.715	2653	2657	2662	rBV2	71882	92974	1.39%	0.172%
85	19.162	2731	2733	2738	rVB5	24646	28103	0.42%	0.052%
86	19.339	2759	2763	2769	rVB5	32318	47987	0.72%	0.089%
87	19.404	2770	2774	2777	rBV2	40946	58981	0.88%	0.109%
88	19.439	2777	2780	2783	rVV2	31950	35102	0.52%	0.065%
89	19.557	2796	2800	2808	rBV3	88480	134693	2.01%	0.249%
90	19.768	2830	2836	2844	rBV	2752938	3709097	55.46%	6.852%
91	20.215	2909	2912	2917	rVB	81871	92315	1.38%	0.171%
92	20.327	2928	2931	2935	rVB3	26869	30735	0.46%	0.057%
93	20.392	2939	2942	2947	rVB5	69625	88260	1.32%	0.163%
94	20.756	3000	3004	3006	rBV	146514	194945	2.91%	0.360%
95	20.821	3012	3015	3019	rVB2	50219	54619	0.82%	0.101%
96	21.245	3084	3087	3089	rBV2	87282	109931	1.64%	0.203%
97	21.274	3089	3092	3102	rVB2	368176	593249	8.87%	1.096%
98	21.562	3135	3141	3147	rBV	2936455	3927301	58.72%	7.255%
99	23.856	3523	3531	3542	rBV2	2068627	4107593	61.42%	7.588%
100	24.015	3551	3558	3567	rVB2	2170700	4327238	64.70%	7.994%

Sum of corrected areas: 54134108

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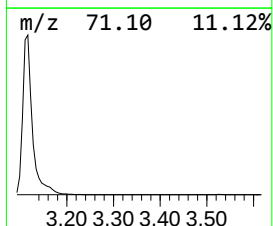
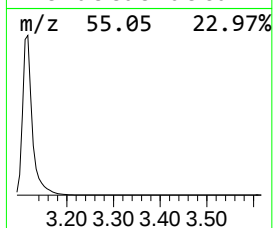
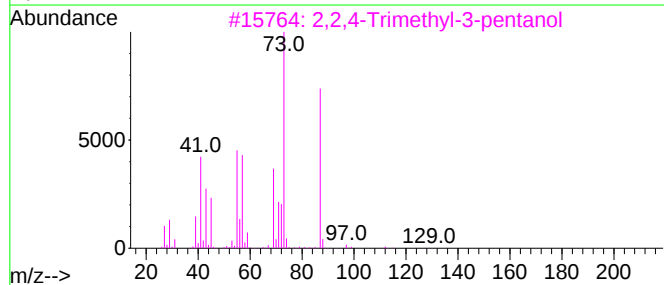
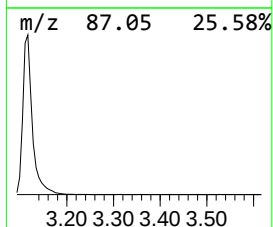
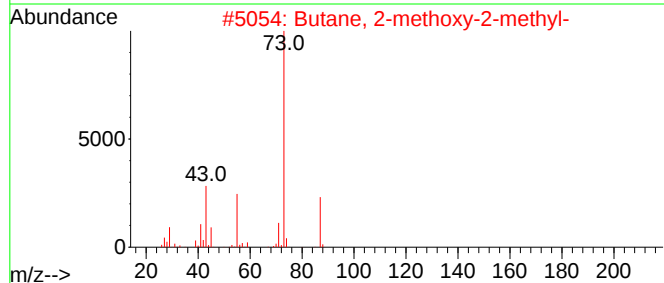
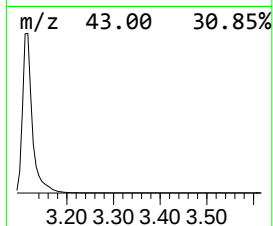
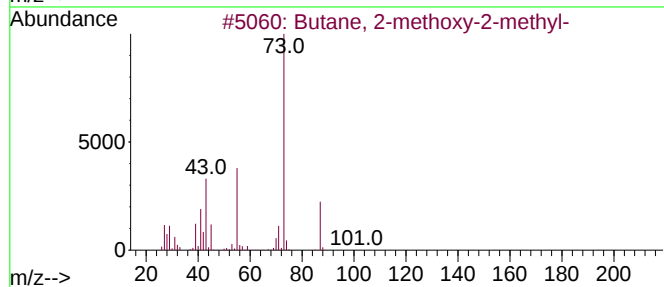
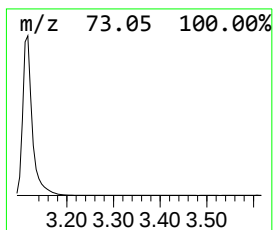
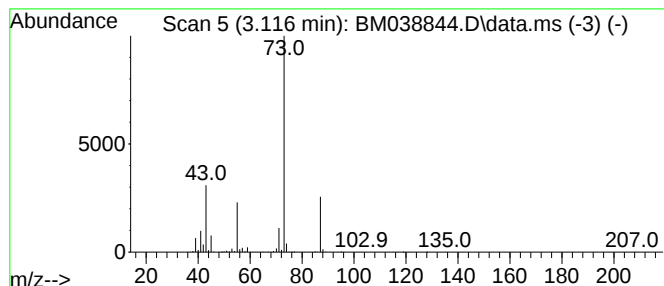
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.116	102.31 ng/ul	6688050	1,4-Dichlorobenzene-d4	8.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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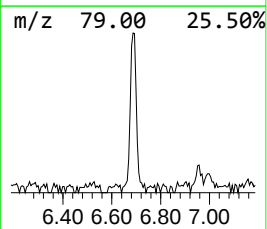
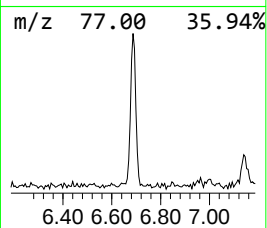
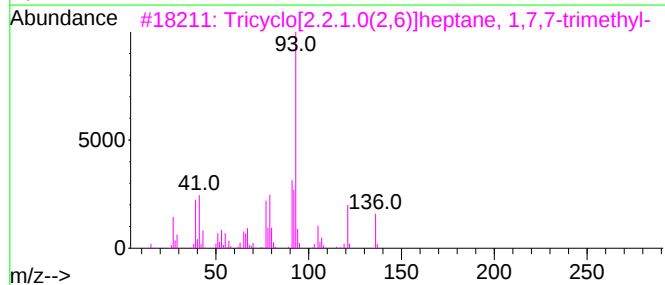
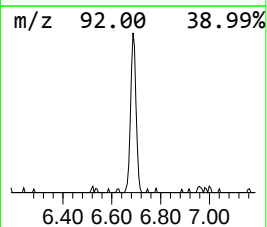
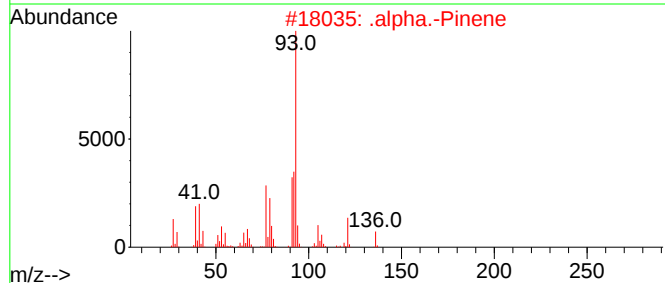
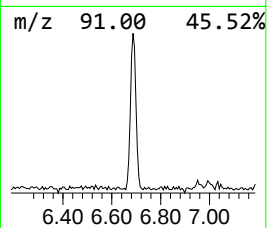
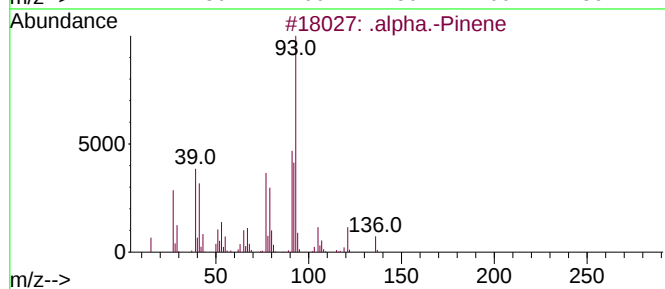
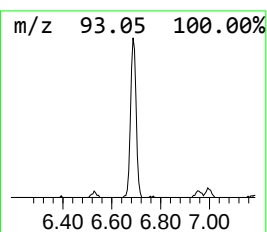
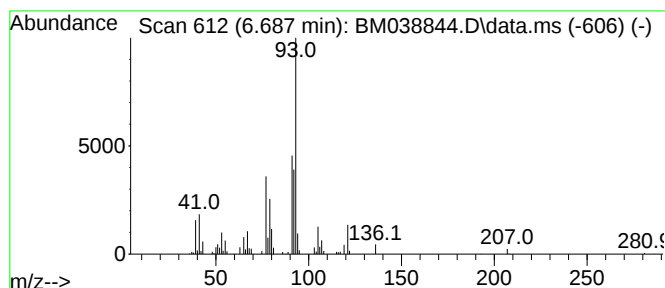
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.687	2.02 ng/ul	131898	1,4-Dichlorobenzene-d4	8.010

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	95
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4		.alpha.-Pinene	136	C10H16	000080-56-8	91
5		3,5-Methanocyclopentapyrazole, 3...	164	C10H16N2	087143-58-6	90



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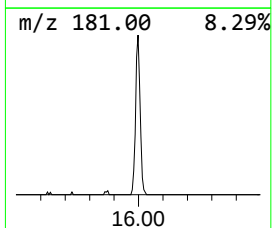
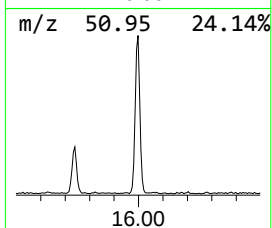
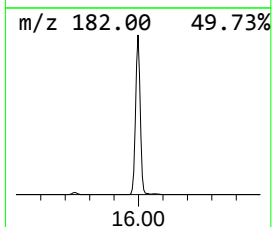
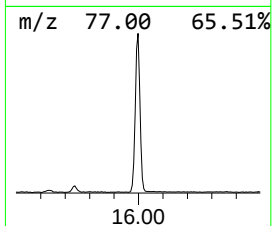
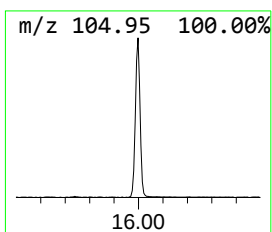
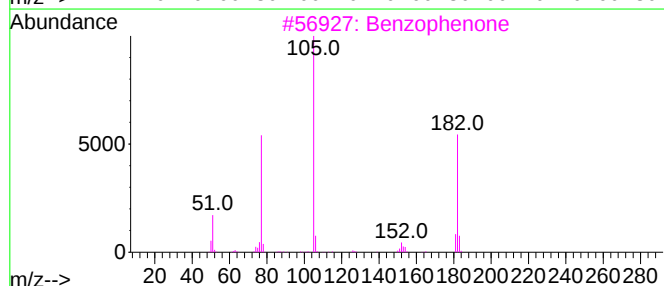
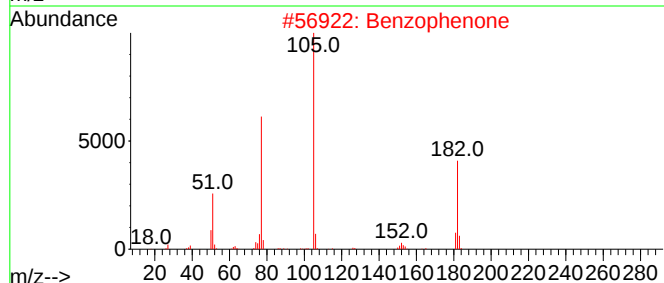
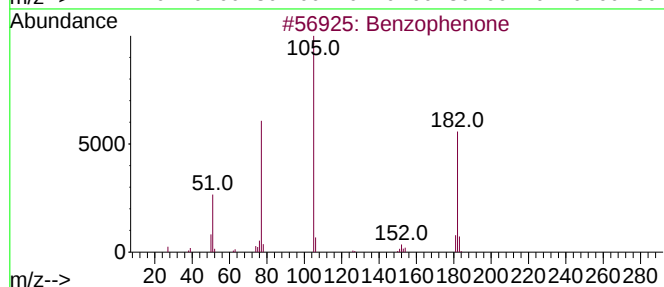
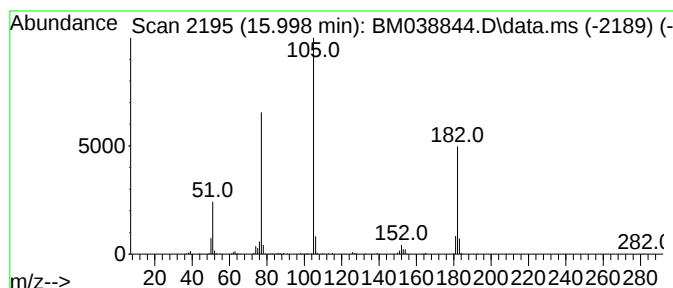
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	3.96 ng/ul	536711	Acenaphthene-d10	14.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone	182	C13H10O	000119-61-9	96
3			Benzophenone	182	C13H10O	000119-61-9	95
4			Benzophenone	182	C13H10O	000119-61-9	91
5			Benzophenone	182	C13H10O	000119-61-9	90



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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
DBAB4

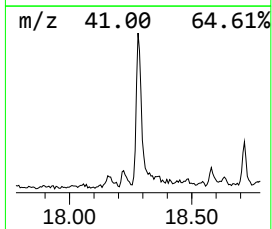
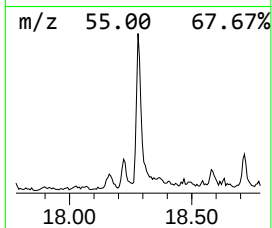
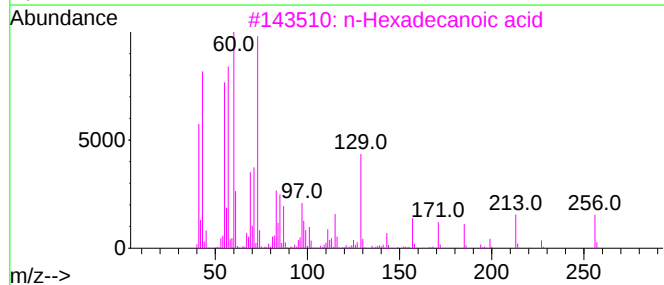
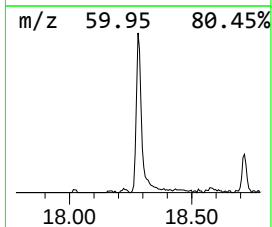
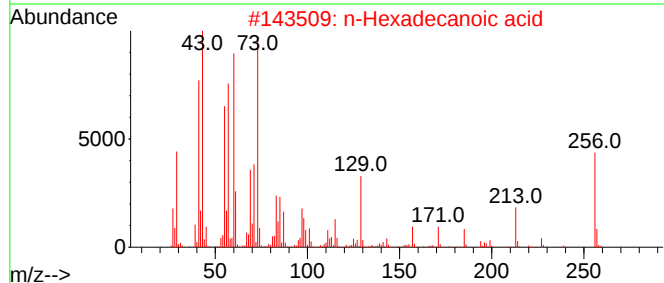
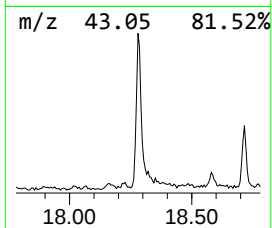
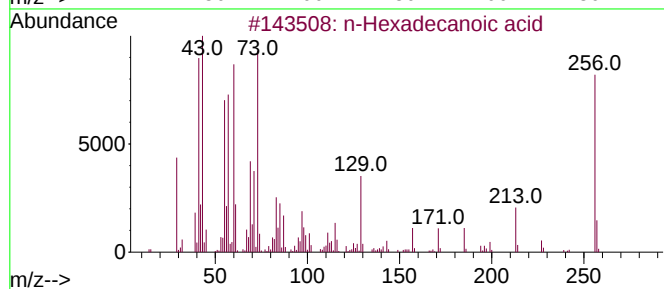
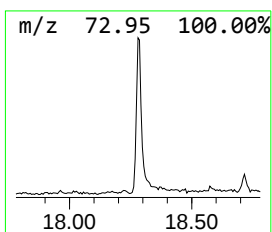
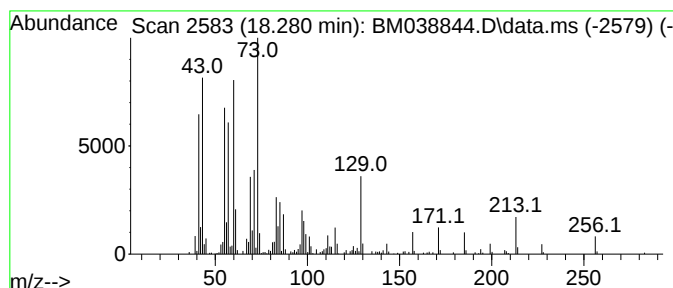
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Quant Title : SVOA CALIBRATION

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.
18.280	2.32 ng/ul	382852	Phenanthrene-d10	17.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5			Tridecanoic acid	214	C13H26O2	000638-53-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038844.D
Acq On : 02 Mar 2023 19:59
Operator : CG/JU
Sample : 01710-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAB4

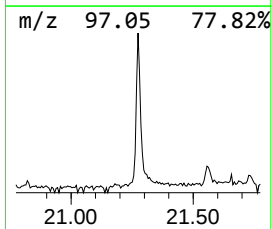
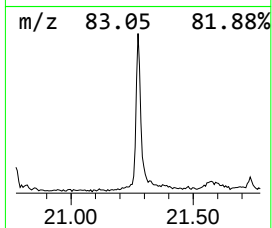
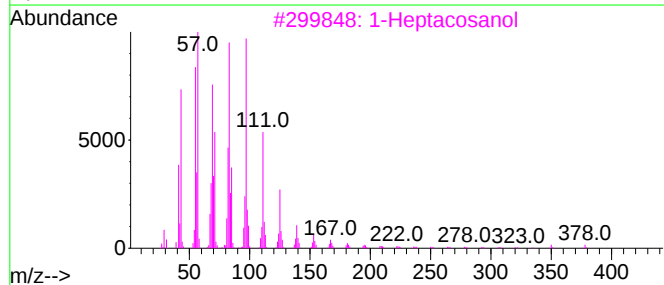
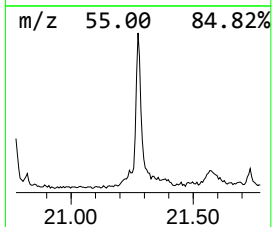
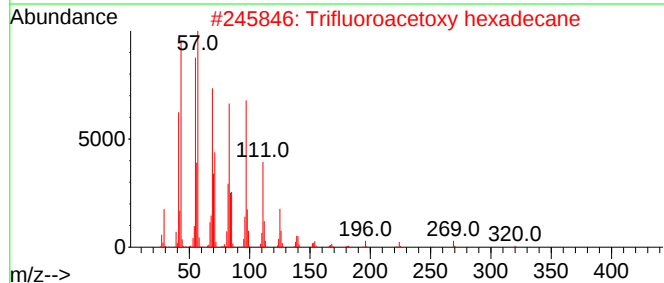
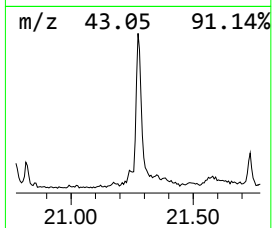
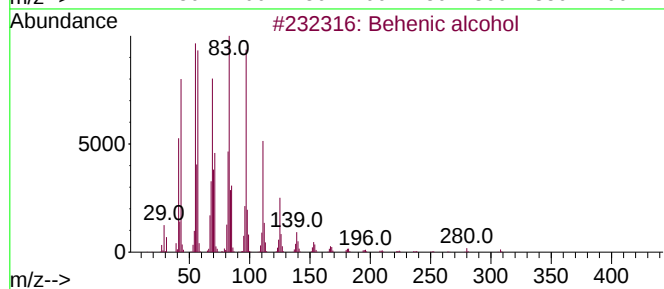
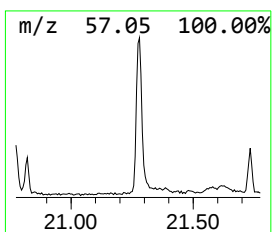
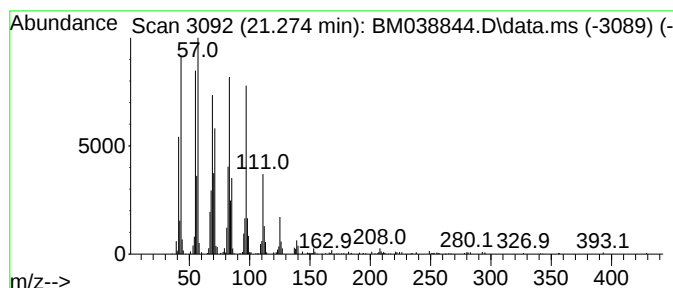
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.274	3.02 ng/ul	593249	Chrysene-d12	21.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	94
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3			1-Heptacosanol	396	C27H56O	002004-39-9	94
4			1-Hexacosene	364	C26H52	018835-33-1	91
5			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038844.D
Acq On : 02 Mar 2023 19:59
Operator : CG/JU
Sample : 01710-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAB4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.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
Butane, 2-metho...	3.116	102.3	ng/ul	6688050	1	8.010	1307370	20.0
.alpha.-Pinene	6.687	2.0	ng/ul	131898	1	8.010	1307370	20.0
Benzophenone	15.998	4.0	ng/ul	536711	3	14.645	2710150	20.0
n-Hexadecanoic ...	18.280	2.3	ng/ul	382852	4	17.386	3296590	20.0
Behenic alcohol	21.274	3.0	ng/ul	593249	5	21.562	3927300	20.0