

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042780.D
 Acq On : 15 Nov 2023 22:06
 Operator : MA/JU
 Sample : 05057-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A49W9

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-BM111323.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM042780.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	29	32	38	rVB4	7914	11755	1.28%	0.147%
2	3.505	86	88	91	rBV4	3752	3063	0.33%	0.038%
3	3.634	107	110	119	rBV2	15778	33304	3.62%	0.416%
4	3.810	137	140	144	rVB4	4995	7298	0.79%	0.091%
5	4.469	250	252	254	rBV3	1663	1787	0.19%	0.022%
6	4.522	258	261	263	rBV3	1883	2097	0.23%	0.026%
7	4.693	288	290	291	rBV2	1854	1309	0.14%	0.016%
8	5.116	359	362	364	rBV4	1359	1752	0.19%	0.022%
9	5.263	383	387	388	rBV2	983	1376	0.15%	0.017%
10	5.581	438	441	444	rBV4	1344	1712	0.19%	0.021%
11	6.487	594	595	599	rVB4	1209	1296	0.14%	0.016%
12	6.751	637	640	643	rVB5	1088	1419	0.15%	0.018%
13	6.863	654	659	660	rBV4	1184	1995	0.22%	0.025%
14	7.004	677	683	697	rBV3	17617	51930	5.64%	0.649%
15	7.175	706	712	725	rBV	92480	166178	18.06%	2.076%
16	7.351	736	742	761	rVV	90251	173153	18.82%	2.163%
17	7.487	764	765	769	rVB4	1297	1273	0.14%	0.016%
18	7.622	786	788	791	rVB3	1246	1436	0.16%	0.018%
19	7.687	796	799	801	rBV3	1395	1219	0.13%	0.015%
20	7.828	817	823	834	rBV	93572	171558	18.64%	2.144%
21	8.334	906	909	912	rBV4	884	1145	0.12%	0.014%
22	8.551	941	946	961	rBV	49667	111782	12.15%	1.397%
23	8.663	963	965	967	rVV2	1557	1712	0.19%	0.021%
24	9.028	1021	1027	1039	rBV	109359	215209	23.39%	2.689%
25	9.198	1055	1056	1058	rBV	1559	1315	0.14%	0.016%
26	9.269	1066	1068	1071	rVB4	1682	1345	0.15%	0.017%
27	9.739	1142	1148	1158	rBV2	86127	172192	18.71%	2.151%
28	9.981	1185	1189	1191	rVB3	1133	1466	0.16%	0.018%
29	10.098	1206	1209	1212	rVB4	1053	1347	0.15%	0.017%
30	10.269	1229	1238	1254	rBV	103086	230352	25.03%	2.878%
31	10.445	1267	1268	1273	rVV4	1500	1262	0.14%	0.016%
32	10.481	1273	1274	1280	rVB5	1321	1937	0.21%	0.024%
33	10.563	1286	1288	1289	rBV2	1646	1629	0.18%	0.020%
34	10.575	1289	1290	1292	rVV	2108	2130	0.23%	0.027%
35	10.639	1295	1301	1312	rVV	131078	228937	24.88%	2.860%
36	10.822	1325	1332	1350	rBV	52022	143072	15.55%	1.788%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
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37	11.075	1373	1375	1379	rVB4	1404	1497	0.16%	0.019%
38	11.222	1397	1400	1401	rBV3	1462	1673	0.18%	0.021%
39	12.163	1555	1560	1562	rVV4	1229	1800	0.20%	0.022%
40	12.257	1575	1576	1579	rVB2	1346	1311	0.14%	0.016%

41	12.398	1597	1600	1603	rVB4	845	1198	0.13%	0.015%
42	12.798	1664	1668	1673	rBV4	2375	3466	0.38%	0.043%
43	13.057	1707	1712	1717	rBV3	3559	4847	0.53%	0.061%
44	13.333	1752	1759	1762	rBV2	5565	9647	1.05%	0.121%
45	13.651	1808	1813	1816	rVB3	739	1194	0.13%	0.015%

46	13.710	1816	1823	1828	rBV3	3324	4849	0.53%	0.061%
47	13.904	1850	1856	1871	rVV	307586	444427	48.29%	5.553%
48	14.098	1884	1889	1890	rBV2	1512	1455	0.16%	0.018%
49	14.186	1897	1904	1913	rBV	302312	457253	49.69%	5.713%
50	14.480	1947	1954	1966	rBV	199175	303052	32.93%	3.787%

51	14.792	2001	2007	2010	rBV6	2535	5935	0.64%	0.074%
52	15.092	2056	2058	2064	rBV5	870	1907	0.21%	0.024%
53	15.221	2075	2080	2085	rVV	7475	10200	1.11%	0.127%
54	15.269	2085	2088	2090	rVV2	3542	4102	0.45%	0.051%
55	15.304	2090	2094	2099	rVV	9810	12740	1.38%	0.159%

56	15.474	2117	2123	2134	rBV	390703	585066	63.58%	7.310%
57	15.627	2143	2149	2164	rBV	104112	185177	20.12%	2.314%
58	15.857	2182	2188	2198	rVB	18901	31389	3.41%	0.392%
59	15.998	2208	2212	2215	rVV4	1329	2010	0.22%	0.025%
60	16.098	2227	2229	2233	rBV3	3063	3245	0.35%	0.041%

61	16.133	2233	2235	2240	rVB4	1749	2064	0.22%	0.026%
62	16.286	2258	2261	2264	rVB2	1230	1468	0.16%	0.018%
63	16.345	2264	2271	2274	rBV5	2383	4666	0.51%	0.058%
64	16.410	2278	2282	2289	rVV4	7106	10789	1.17%	0.135%
65	16.533	2301	2303	2305	rVB3	1718	1450	0.16%	0.018%

66	16.704	2328	2332	2333	rBV3	1285	1454	0.16%	0.018%
67	16.921	2365	2369	2371	rBV3	2385	2466	0.27%	0.031%
68	16.957	2371	2375	2376	rVV2	1383	1831	0.20%	0.023%
69	17.098	2396	2399	2403	rVB4	2310	2633	0.29%	0.033%
70	17.233	2417	2422	2432	rBV	232319	353683	38.43%	4.419%

71	17.333	2434	2439	2456	rVV	422588	647455	70.36%	8.090%
72	17.445	2456	2458	2462	rVV5	3261	4818	0.52%	0.060%
73	17.492	2463	2466	2472	rVB2	6293	8881	0.97%	0.111%
74	17.586	2478	2482	2483	rBV4	1460	1400	0.15%	0.017%
75	17.668	2490	2496	2497	rVB5	2376	3374	0.37%	0.042%

76	17.721	2502	2505	2507	rVV3	1269	1184	0.13%	0.015%
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77	17.933	2540	2541	2543	rBV2	1432	1351	0.15%	0.017%
78	18.092	2563	2568	2578	rBV	75004	137950	14.99%	1.724%
79	18.174	2580	2582	2589	rVB3	5982	10291	1.12%	0.129%
80	18.357	2610	2613	2615	rBV3	2601	2430	0.26%	0.030%
81	18.486	2632	2635	2636	rBV2	1795	1748	0.19%	0.022%
82	18.498	2636	2637	2642	rVB5	4242	3919	0.43%	0.049%
83	18.657	2660	2664	2665	rBV3	2545	2579	0.28%	0.032%
84	18.957	2708	2715	2718	rBV5	2477	5719	0.62%	0.071%
85	18.992	2718	2721	2723	rVV4	3333	3910	0.42%	0.049%
86	19.045	2726	2730	2731	rBV4	2596	2910	0.32%	0.036%
87	19.092	2735	2738	2739	rBV2	1336	1269	0.14%	0.016%
88	19.192	2749	2755	2759	rBV6	6348	9388	1.02%	0.117%
89	19.233	2761	2762	2764	rVV2	3060	2401	0.26%	0.030%
90	19.268	2764	2768	2773	rVB6	6505	11877	1.29%	0.148%
91	19.368	2782	2785	2792	rBV2	26096	48902	5.31%	0.611%
92	19.509	2806	2809	2814	rBV6	4805	5404	0.59%	0.068%
93	19.568	2817	2819	2824	rVB6	4723	4990	0.54%	0.062%
94	19.633	2824	2830	2841	rBV	679533	917457	99.70%	11.463%
95	20.104	2908	2910	2915	rVB5	6698	7046	0.77%	0.088%
96	20.551	2984	2986	2989	rBV4	4612	4457	0.48%	0.056%
97	21.086	3072	3077	3085	rBV2	96106	157811	17.15%	1.972%
98	21.421	3129	3134	3145	rBV	276676	410953	44.66%	5.135%
99	23.627	3502	3509	3520	rBV	454056	920238	100.00%	11.498%
100	23.780	3529	3535	3548	rVB	209651	445613	48.42%	5.568%

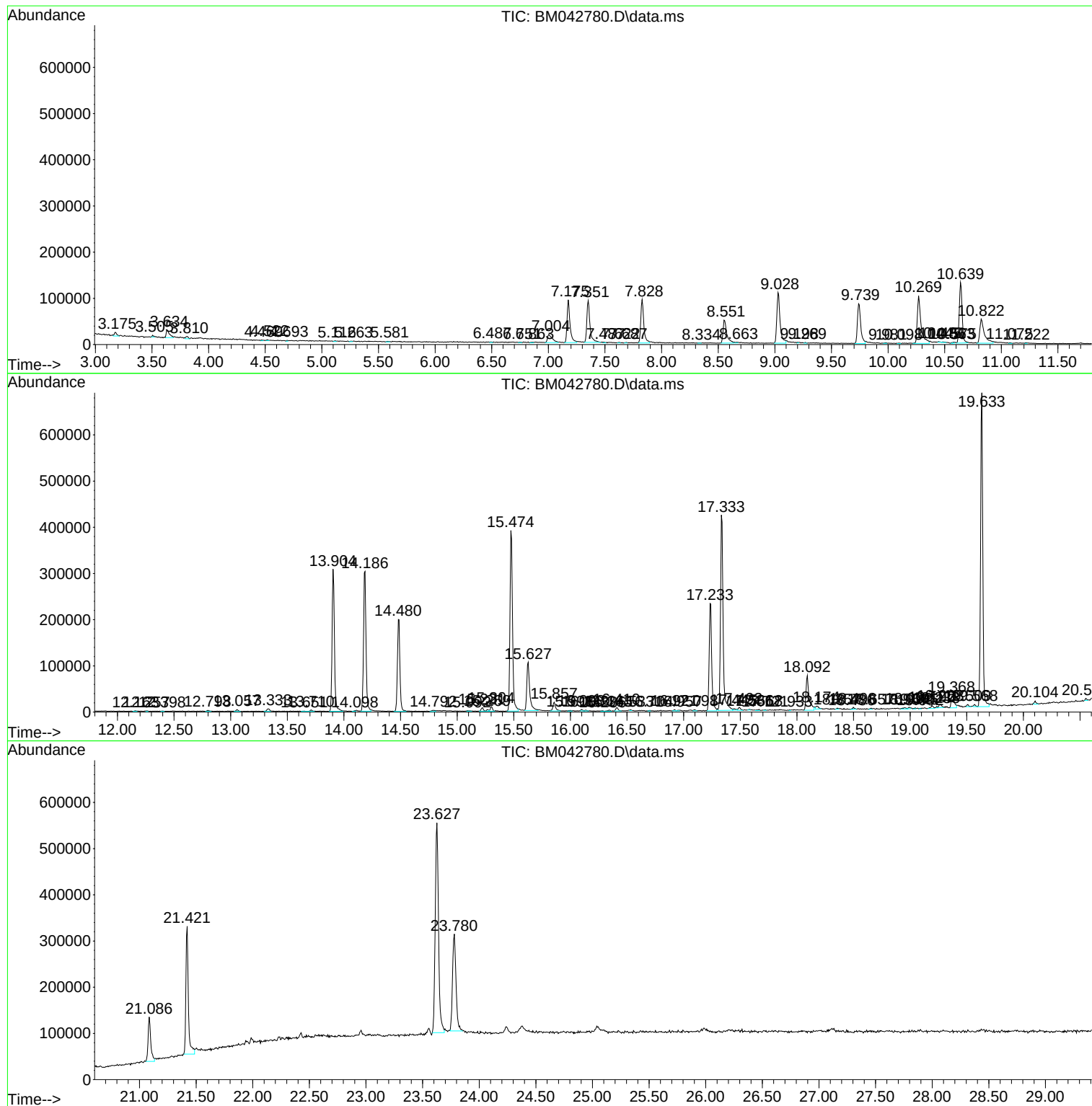
Sum of corrected areas: 8003411

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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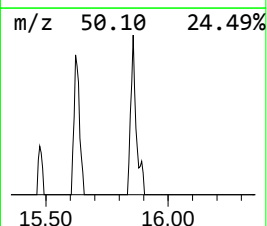
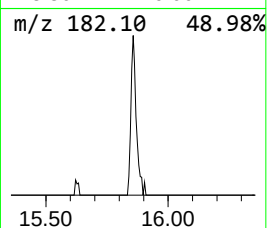
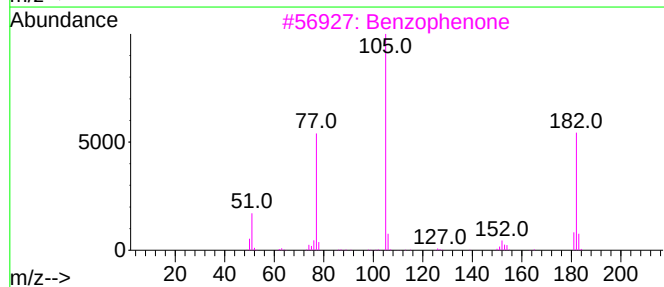
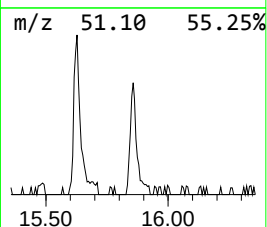
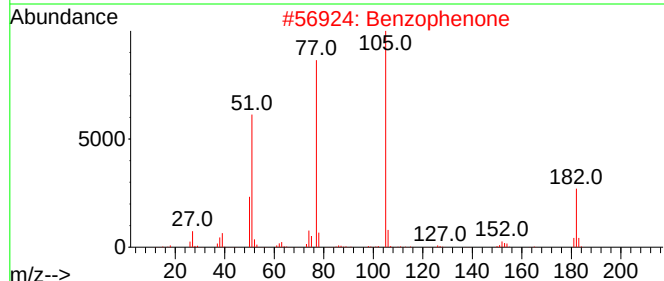
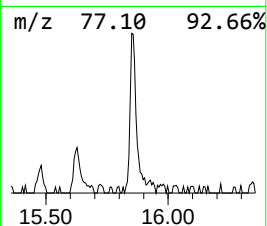
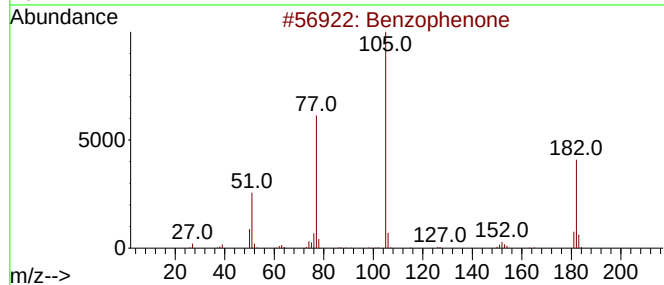
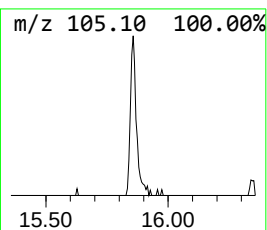
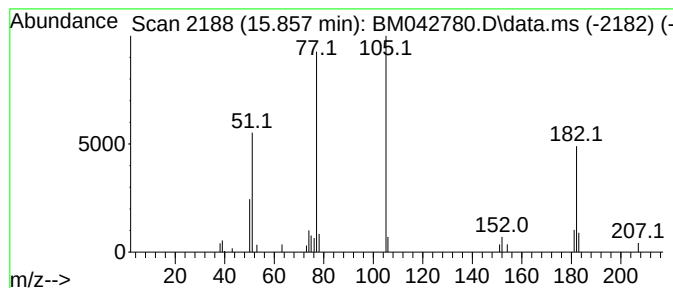
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.857	2.07 ng/ul	31389	Acenaphthene-d10	14.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	91
2			Benzophenone	182	C13H10O	000119-61-9	91
3			Benzophenone	182	C13H10O	000119-61-9	86
4			Benzophenone	182	C13H10O	000119-61-9	86
5			Benzophenone	182	C13H10O	000119-61-9	86



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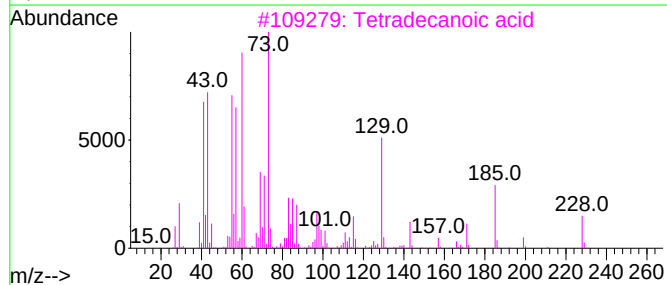
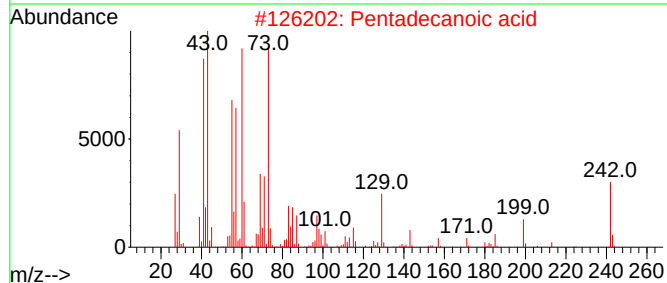
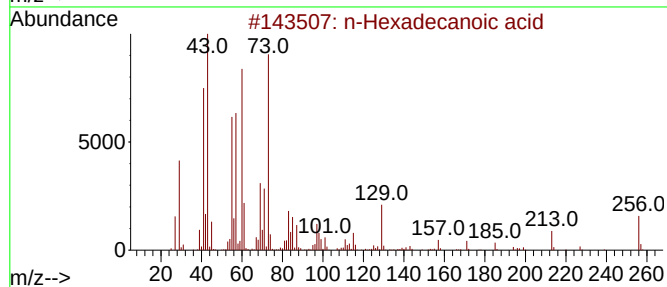
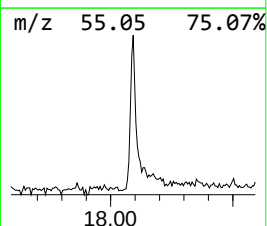
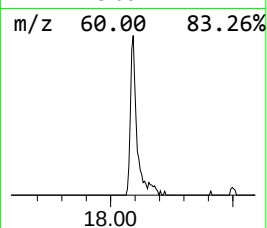
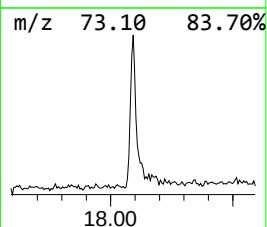
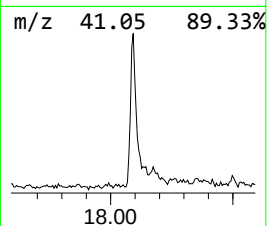
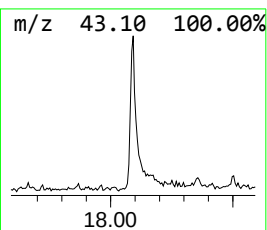
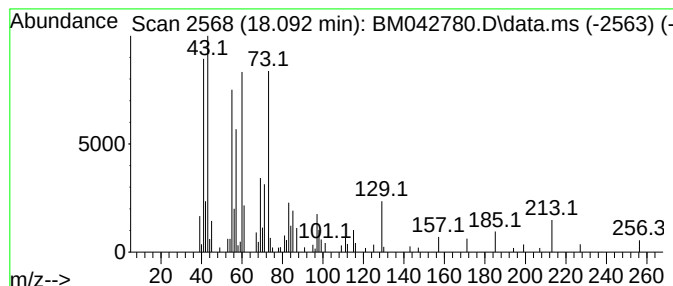
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	7.80 ng/ul	137950	Phenanthrene-d10	17.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	72



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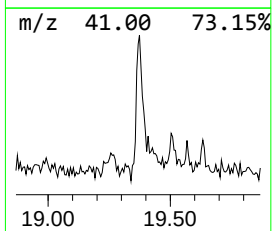
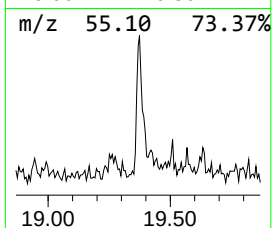
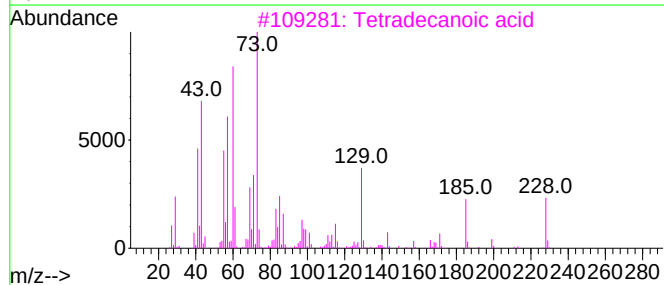
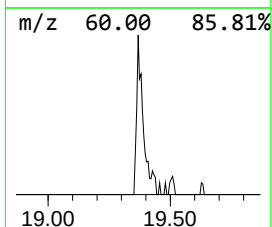
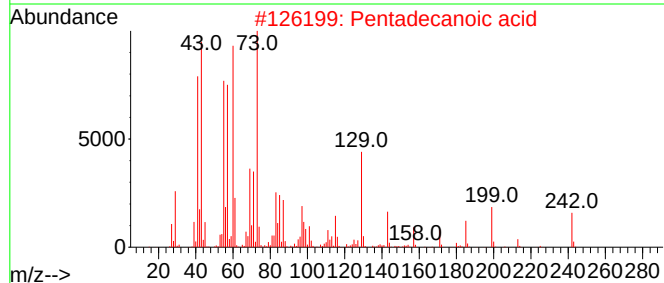
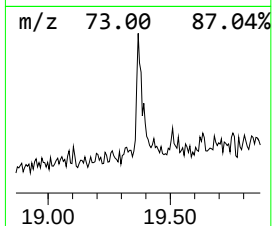
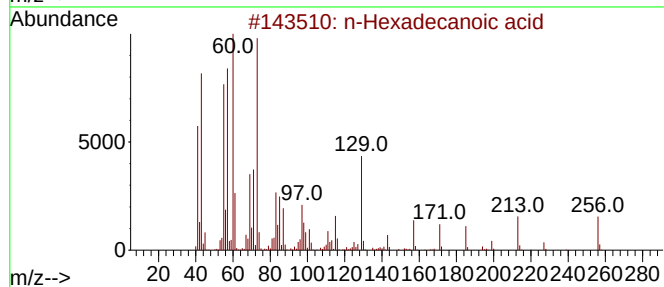
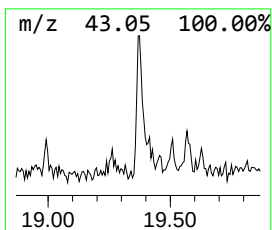
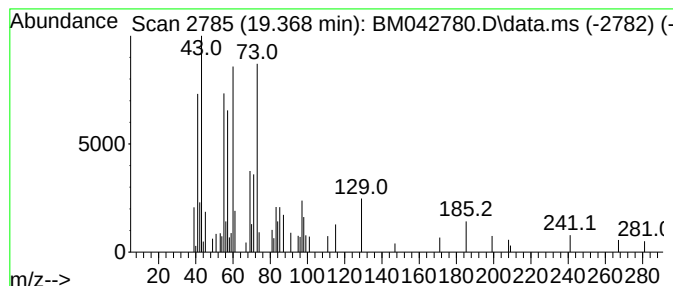
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.368	2.38 ng/ul	48902	Chrysene-d12	21.421

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042780.D
Acq On : 15 Nov 2023 22:06
Operator : MA/JU
Sample : 05057-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A49W9

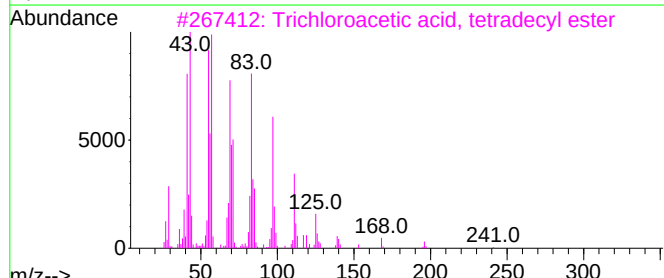
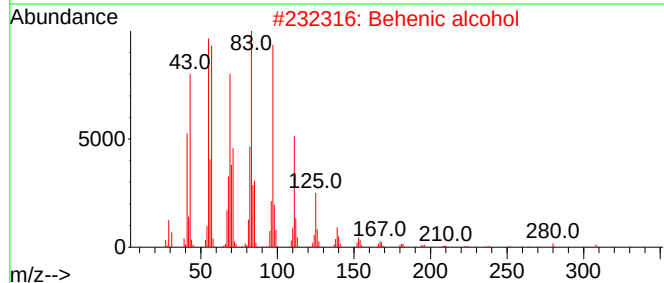
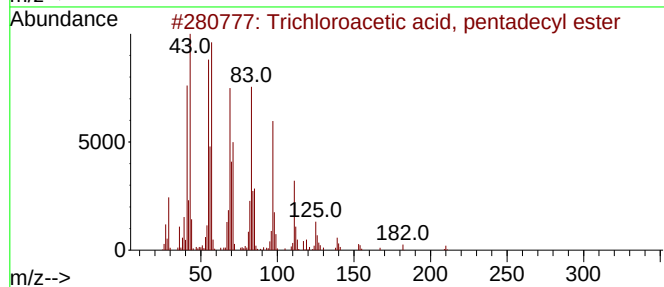
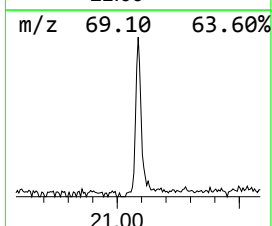
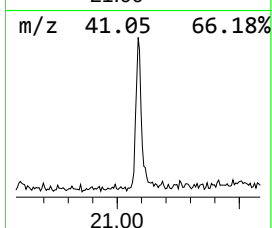
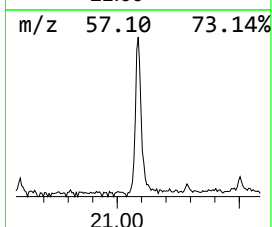
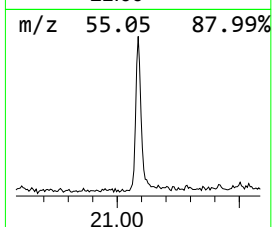
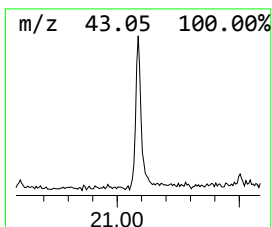
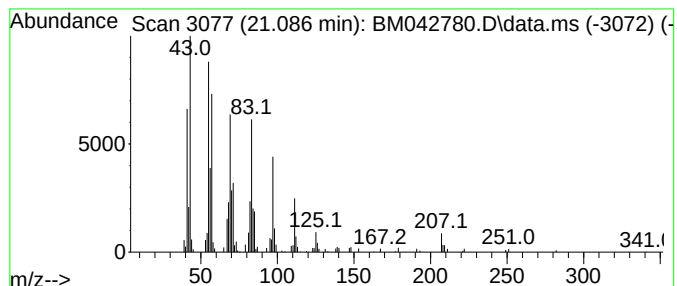
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Trichloroacetic acid, penta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	7.68 ng/ul	157811	Chrysene-d12	21.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2			Behenic alcohol	326	C22H46O	000661-19-8	91
3			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4			Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	91
5			1-Heneicosanol	312	C21H44O	015594-90-8	91



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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.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
Benzophenone	15.857	2.1	ng/ul	31389	3	14.480	303052	20.0
n-Hexadecanoic ...	18.092	7.8	ng/ul	137950	4	17.239	353683	20.0
Pentadecanoic acid	19.368	2.4	ng/ul	48902	5	21.421	410953	20.0
Trichloroacetic...	21.086	7.7	ng/ul	157811	5	21.421	410953	20.0