

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049536.D
 Acq On : 30 Jan 2025 21:08
 Operator : RC/JU
 Sample : Q1189-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44R6

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-BM012825.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM049536.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.110	18	21	27	rVB	34735	47877	1.40%	0.128%
2	3.510	86	89	101	rVB2	82841	161747	4.74%	0.433%
3	3.599	101	104	109	rBV2	20542	26316	0.77%	0.070%
4	3.810	136	140	144	rBV2	16873	22297	0.65%	0.060%
5	3.904	153	156	161	rVB3	21722	29852	0.87%	0.080%
6	4.169	196	201	208	rVB9	10066	21610	0.63%	0.058%
7	4.698	284	291	298	rBV2	140986	235738	6.91%	0.631%
8	5.075	352	355	361	rVB6	10053	15675	0.46%	0.042%
9	5.204	372	377	386	rBV	31202	66079	1.94%	0.177%
10	5.563	430	438	442	rBV6	18652	34900	1.02%	0.093%
11	5.940	496	502	507	rVB	20929	35076	1.03%	0.094%
12	6.510	594	599	605	rVB5	10115	20418	0.60%	0.055%
13	6.581	605	611	613	rBV5	12000	18786	0.55%	0.050%
14	6.616	613	617	621	rVB	20223	30073	0.88%	0.080%
15	6.669	621	626	630	rBV3	24745	40415	1.18%	0.108%
16	6.728	630	636	652	rVB	445850	828742	24.29%	2.217%
17	6.857	652	658	665	rBV	374944	590056	17.29%	1.579%
18	7.057	685	692	699	rBV	483092	741736	21.74%	1.985%
19	7.157	703	709	715	rVB2	48443	108329	3.17%	0.290%
20	7.345	735	741	743	rBV6	8055	12270	0.36%	0.033%
21	7.510	761	769	779	rBV	784973	1225296	35.91%	3.278%
22	7.622	779	788	796	rVB6	20576	58285	1.71%	0.156%
23	7.775	808	814	815	rBV5	6845	11015	0.32%	0.029%
24	8.051	857	861	866	rVB2	21439	36472	1.07%	0.098%
25	8.145	872	877	887	rVB4	23430	46387	1.36%	0.124%
26	8.239	887	893	901	rBV	380618	628611	18.42%	1.682%
27	8.328	902	908	917	rVB	155986	266842	7.82%	0.714%
28	8.457	924	930	934	rBV7	8823	17954	0.53%	0.048%
29	8.504	934	938	941	rVB4	8668	14579	0.43%	0.039%
30	8.604	949	955	958	rBV5	14968	24264	0.71%	0.065%
31	8.657	958	964	972	rVV	404745	679566	19.92%	1.818%
32	8.733	972	977	981	rVB2	36083	54059	1.58%	0.145%
33	8.828	987	993	1003	rVB10	12819	35767	1.05%	0.096%
34	9.092	1032	1038	1042	rBV2	27154	43965	1.29%	0.118%
35	9.239	1058	1063	1072	rVB2	29962	59735	1.75%	0.160%
36	9.369	1077	1085	1093	rBV	340422	579278	16.98%	1.550%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
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37	9.580	1114	1121	1127	rBV3	26344	68408	2.00%	0.183%
38	9.728	1141	1146	1155	rVB5	17497	36481	1.07%	0.098%
39	9.922	1172	1179	1188	rBV	520239	896346	26.27%	2.398%
40	10.269	1231	1238	1245	rBV	989479	1638220	48.01%	4.383%

41	10.316	1245	1246	1253	rVB	23703	31324	0.92%	0.084%
42	10.422	1255	1264	1276	rBV	263754	538200	15.77%	1.440%
43	10.810	1325	1330	1331	rBV4	8633	13166	0.39%	0.035%
44	10.845	1331	1336	1344	rVB8	15833	38230	1.12%	0.102%
45	11.080	1368	1376	1378	rBV7	8693	14666	0.43%	0.039%

46	11.104	1378	1380	1388	rVV8	8686	20633	0.60%	0.055%
47	11.322	1412	1417	1421	rBV7	7355	10864	0.32%	0.029%
48	11.657	1469	1474	1478	rBV6	6636	13884	0.41%	0.037%
49	11.716	1481	1484	1490	rVB5	10796	19022	0.56%	0.051%
50	11.804	1492	1499	1506	rBV7	10594	30116	0.88%	0.081%

51	11.869	1506	1510	1515	rVV3	10873	18786	0.55%	0.050%
52	12.698	1646	1651	1654	rBV4	9093	13076	0.38%	0.035%
53	12.986	1696	1700	1707	rVB3	28700	44767	1.31%	0.120%
54	13.486	1779	1785	1790	rBV9	5705	13895	0.41%	0.037%
55	13.574	1793	1800	1811	rVV	970566	1380491	40.46%	3.694%

56	13.651	1811	1813	1818	rVV6	10320	15182	0.44%	0.041%
57	13.698	1818	1821	1828	rVB9	7450	12941	0.38%	0.035%
58	13.839	1839	1845	1861	rBV	1056300	1678983	49.21%	4.492%
59	14.080	1882	1886	1891	rVB2	15576	21945	0.64%	0.059%
60	14.151	1891	1898	1906	rBV	1505519	2194502	64.32%	5.872%

61	14.433	1940	1946	1960	rVV	273245	569713	16.70%	1.524%
62	14.551	1962	1966	1972	rVV6	22273	53084	1.56%	0.142%
63	14.998	2035	2042	2045	rBV7	6634	11587	0.34%	0.031%
64	15.033	2045	2048	2054	rVB4	10941	19559	0.57%	0.052%
65	15.157	2062	2069	2084	rBV2	1331796	2202886	64.56%	5.894%

66	15.292	2084	2092	2102	rBV	215196	334546	9.80%	0.895%
67	15.398	2107	2110	2113	rVV4	8580	13838	0.41%	0.037%
68	15.439	2115	2117	2122	rVB6	11165	14441	0.42%	0.039%
69	15.527	2125	2132	2142	rBV	265592	378197	11.08%	1.012%
70	15.692	2157	2160	2163	rVB3	11210	14735	0.43%	0.039%

71	15.898	2190	2195	2198	rBV7	17926	25907	0.76%	0.069%
72	16.092	2226	2228	2233	rVB5	9806	12992	0.38%	0.035%
73	16.345	2268	2271	2275	rBV6	7401	11607	0.34%	0.031%
74	16.462	2285	2291	2298	rVB3	27007	50622	1.48%	0.135%
75	16.568	2305	2309	2317	rBV6	18824	30967	0.91%	0.083%

76	16.692	2327	2330	2335	rVV2	14794	20832	0.61%	0.056%
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77	16.909	2361	2367	2372	rVV2	1931357	2667242	78.17%	7.136%
78	16.945	2372	2373	2378	rVV	68445	79595	2.33%	0.213%
79	17.004	2378	2383	2395	rVV	1422188	2076980	60.87%	5.557%
80	17.109	2399	2401	2411	rVB	21065	31795	0.93%	0.085%
81	17.292	2427	2432	2435	rBV2	47560	85396	2.50%	0.228%
82	17.327	2435	2438	2444	rVB2	38031	61414	1.80%	0.164%
83	17.433	2453	2456	2460	rVB6	13686	20454	0.60%	0.055%
84	17.703	2496	2502	2508	rBV8	13841	41645	1.22%	0.111%
85	17.780	2510	2515	2519	rBV4	26542	54525	1.60%	0.146%
86	17.833	2519	2524	2533	rBV	498317	793239	23.25%	2.122%
87	17.980	2545	2549	2553	rBV2	33216	49852	1.46%	0.133%
88	18.262	2594	2597	2600	rVB3	68226	73593	2.16%	0.197%
89	18.392	2616	2619	2626	rVB2	51098	72792	2.13%	0.195%
90	18.627	2656	2659	2663	rBV3	25982	37102	1.09%	0.099%
91	18.721	2671	2675	2679	rBV6	28234	46626	1.37%	0.125%
92	18.868	2694	2700	2709	rBV6	56331	178881	5.24%	0.479%
93	18.980	2714	2719	2726	rVV	345476	488344	14.31%	1.307%
94	19.127	2740	2744	2751	rBV2	219233	373725	10.95%	1.000%
95	19.309	2770	2775	2779	rBV	1663124	2351521	68.92%	6.292%
96	19.774	2851	2854	2857	rBV2	92029	127124	3.73%	0.340%
97	20.862	3036	3039	3044	rBV2	256258	332468	9.74%	0.890%
98	21.139	3081	3086	3091	rBV	2308133	3326325	97.49%	8.900%
99	23.733	3522	3527	3534	rVB	599714	1193010	34.96%	3.192%
100	23.927	3553	3560	3576	rVB	1409259	3412068	100.00%	9.129%

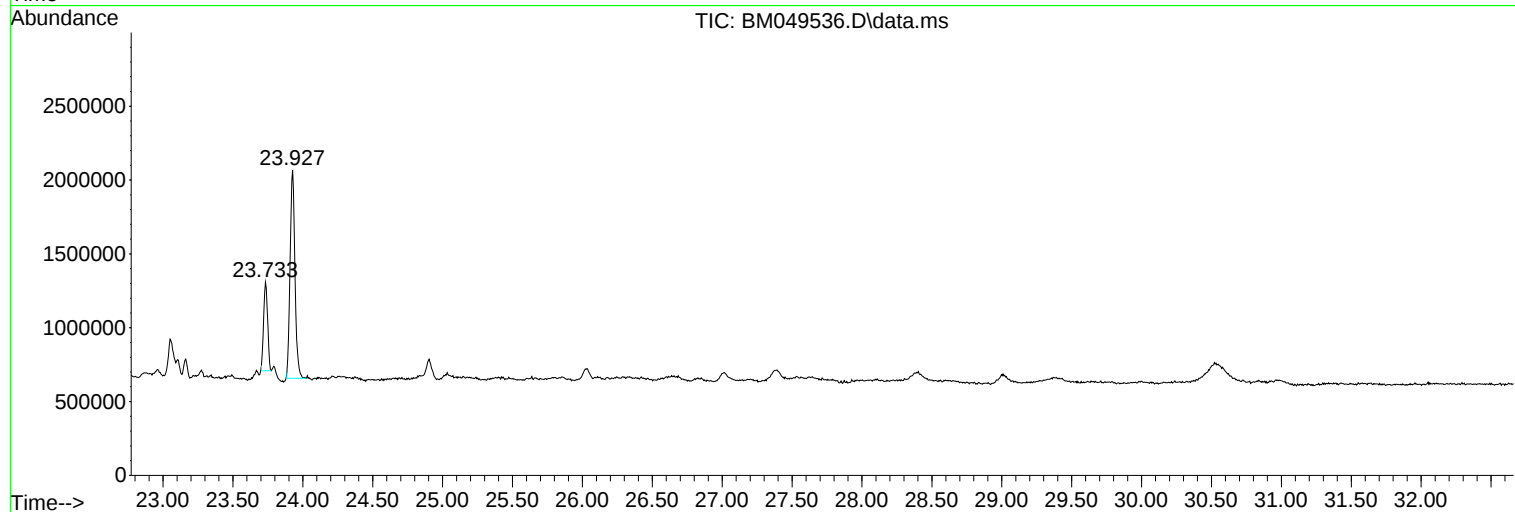
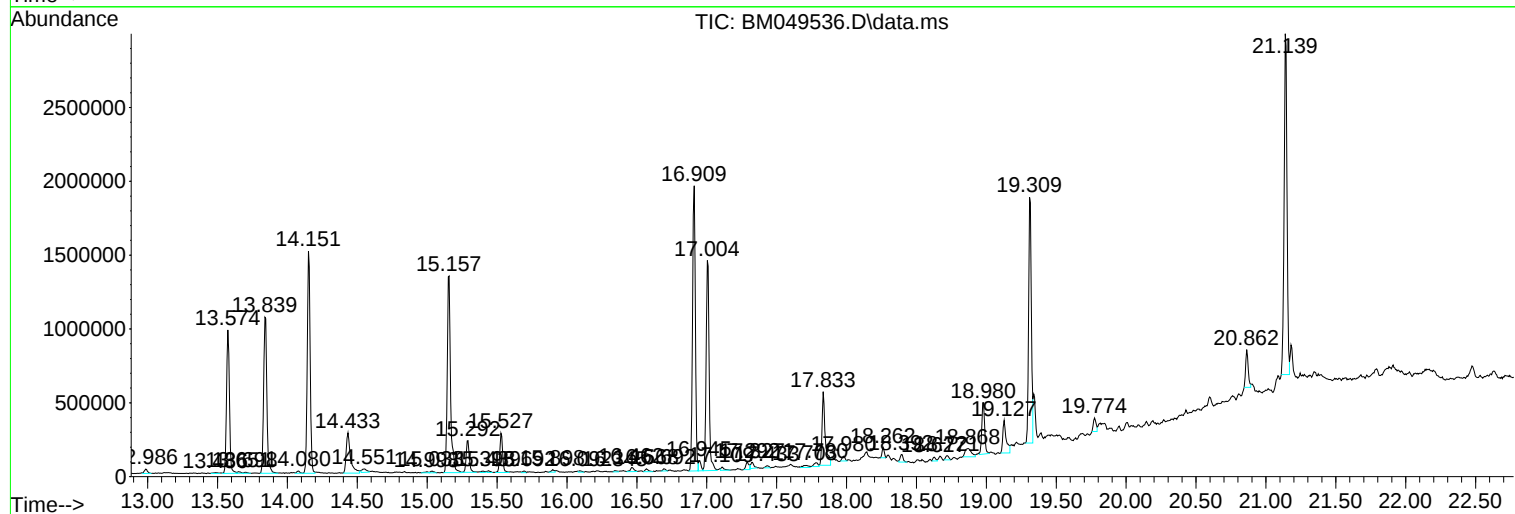
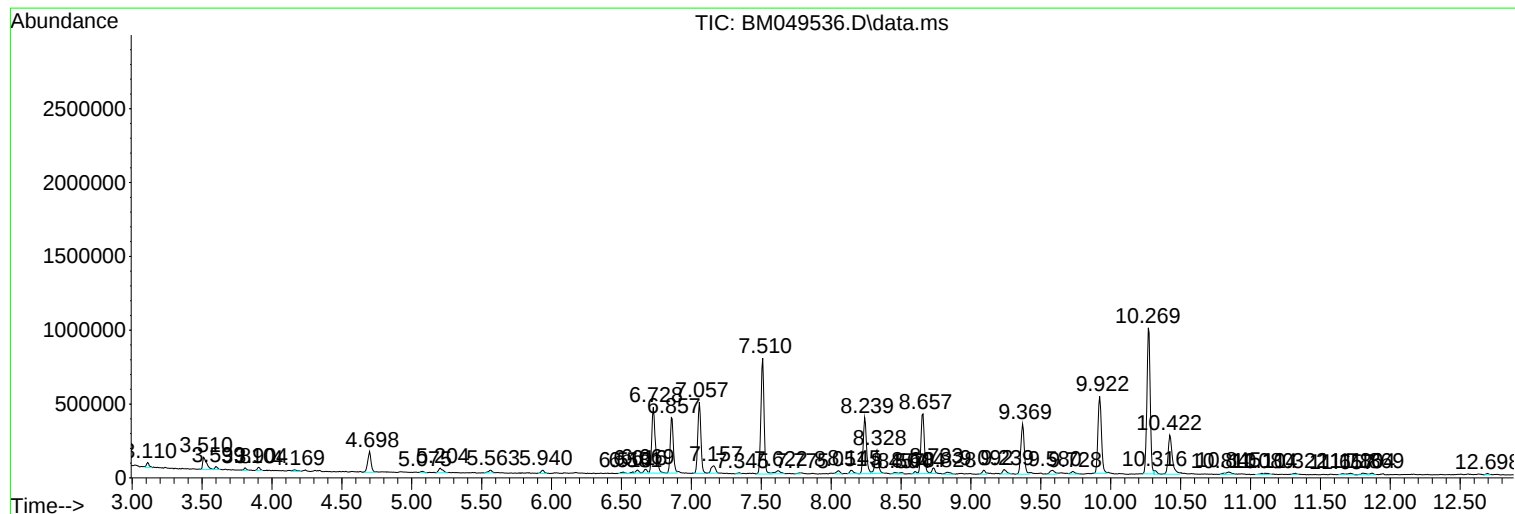
Sum of corrected areas: 37375424

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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



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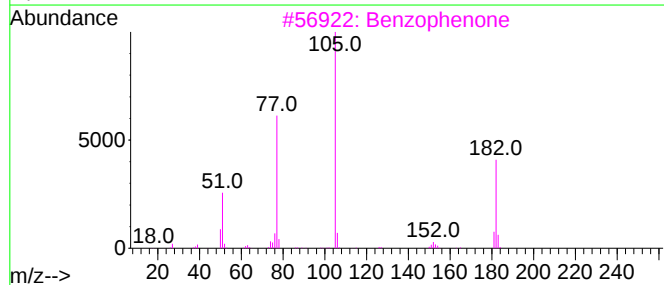
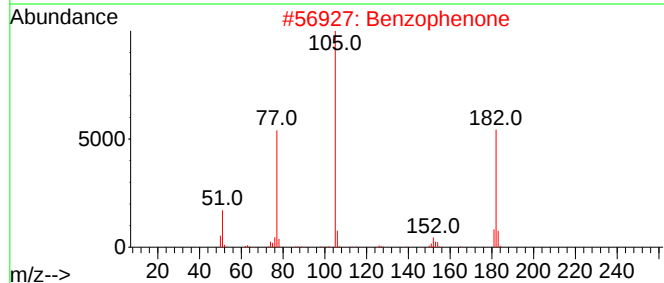
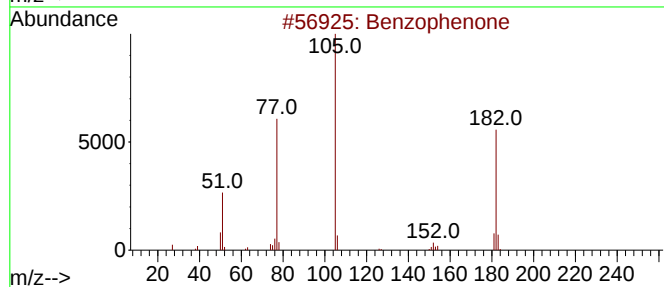
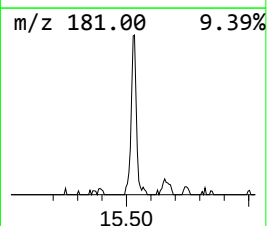
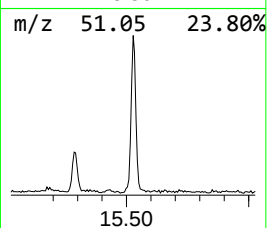
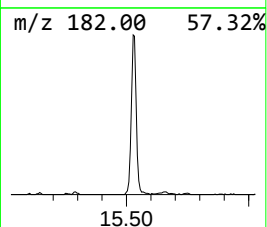
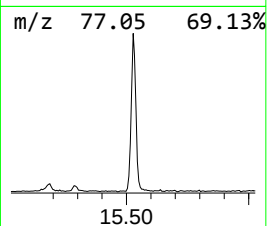
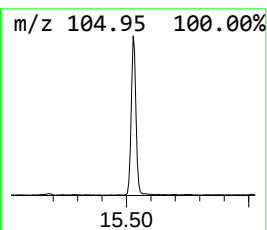
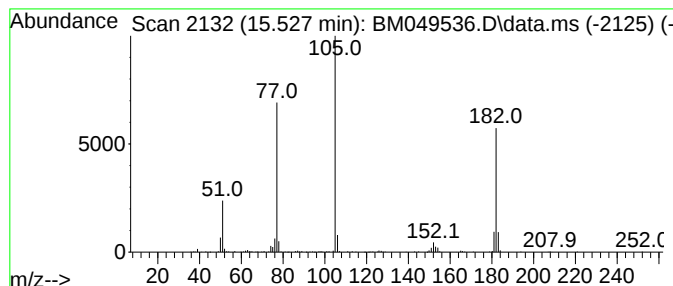
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	3.45 ng/ul	378197	Acenaphthene-d10	14.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone	182	C13H10O	000119-61-9	95
3			Benzophenone	182	C13H10O	000119-61-9	94
4			Benzophenone	182	C13H10O	000119-61-9	91
5			Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	47



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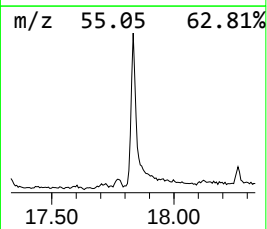
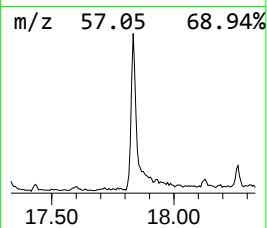
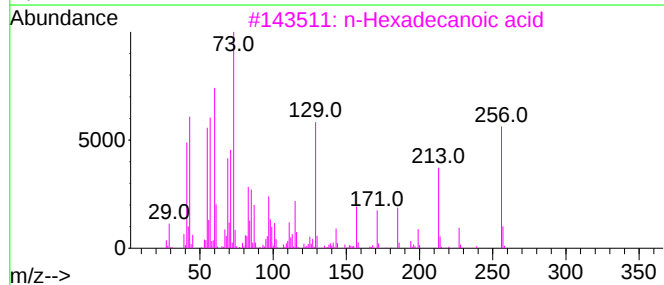
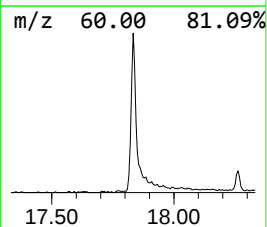
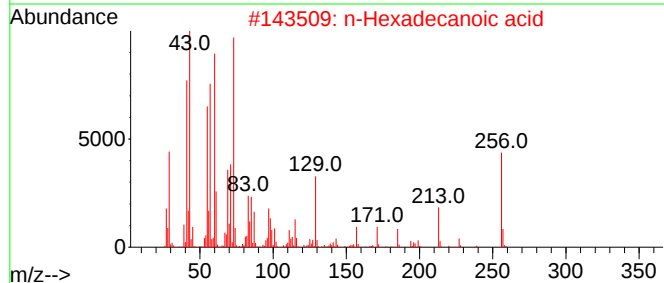
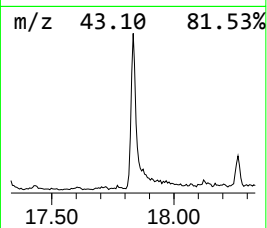
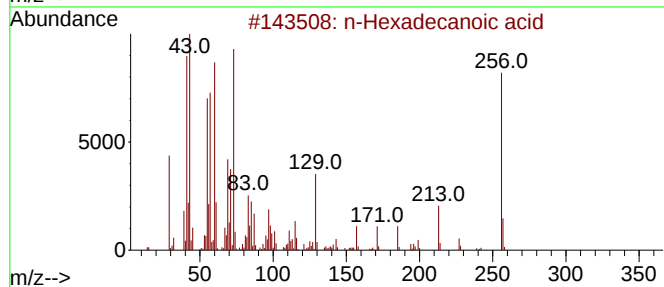
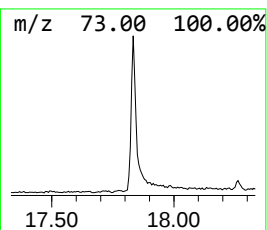
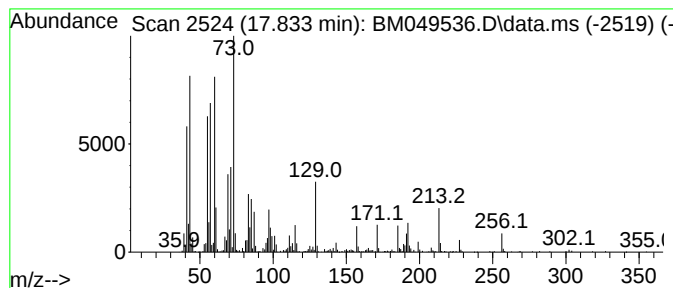
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	5.95 ng/ul	793239	Phenanthrene-d10	16.909

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
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	98
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97



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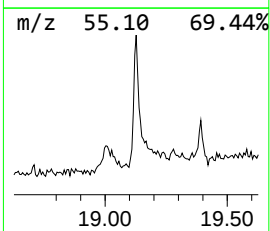
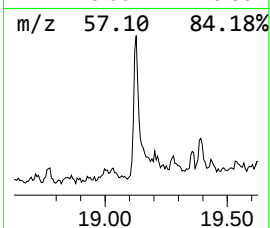
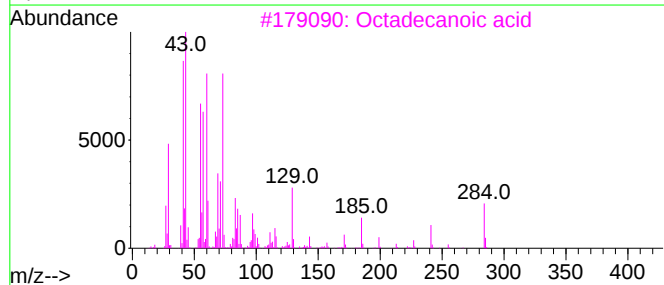
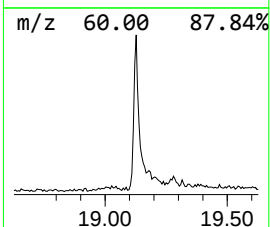
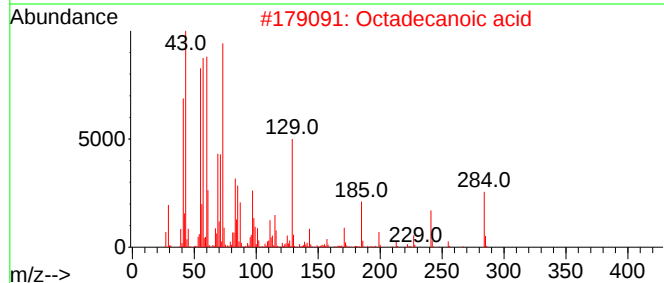
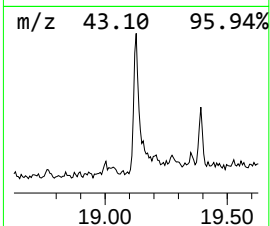
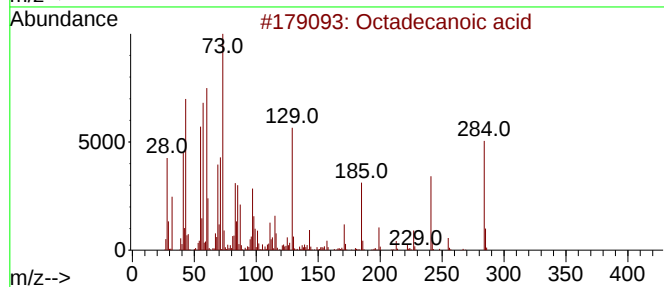
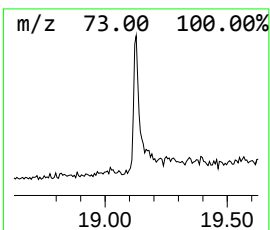
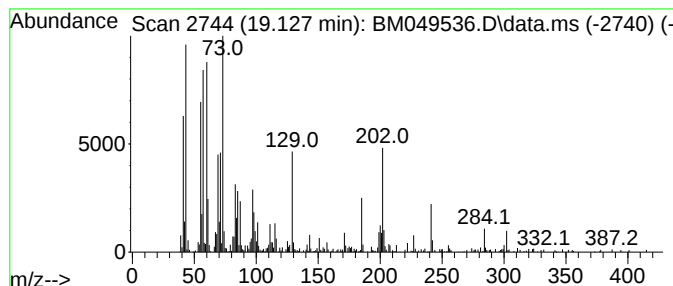
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.127	2.25 ng/ul	373725	Chrysene-d12	21.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	98
4			Octadecanoic acid	284	C18H36O2	000057-11-4	96
5			Octadecanoic acid	284	C18H36O2	000057-11-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049536.D
Acq On : 30 Jan 2025 21:08
Operator : RC/JU
Sample : Q1189-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.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	15.527	3.5	ng/ul	378197	3	14.151	2194500	20.0
n-Hexadecanoic ...	17.833	6.0	ng/ul	793239	4	16.909	2667240	20.0
Octadecanoic acid	19.127	2.3	ng/ul	373725	5	21.139	3326330	20.0