

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012725\
 Data File : BM049457.D
 Acq On : 27 Jan 2025 20:39
 Operator : RC/JU
 Sample : Q1174-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2943

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-BM011325.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM049457.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	18	22	29	rVB	57695	77003	1.39%	0.160%
2	3.511	86	89	103	rVB	110763	198993	3.60%	0.414%
3	3.817	138	141	146	rVB2	15475	20627	0.37%	0.043%
4	3.911	153	157	164	rBV7	16815	28599	0.52%	0.060%
5	4.246	211	214	217	rVB4	8483	10240	0.19%	0.021%
6	4.693	286	290	293	rBV4	9574	13188	0.24%	0.027%
7	5.646	448	452	458	rVV	17256	29720	0.54%	0.062%
8	5.940	499	502	507	rVB2	13965	18571	0.34%	0.039%
9	6.563	604	608	611	rVB6	4893	6809	0.12%	0.014%
10	6.710	624	633	647	rBV	189560	347059	6.27%	0.723%
11	6.863	653	659	670	rBV	742355	1142048	20.64%	2.379%
12	7.052	685	691	703	rVV	763882	1197625	21.64%	2.494%
13	7.152	703	708	714	rVB9	8054	16909	0.31%	0.035%
14	7.510	763	769	778	rBV	640502	1012040	18.29%	2.108%
15	7.587	780	782	790	rVB6	6940	13016	0.24%	0.027%
16	8.228	884	891	905	rBV	592213	969150	17.51%	2.018%
17	8.657	956	964	974	rBV	791147	1279992	23.13%	2.666%
18	8.804	984	989	991	rBV5	5545	8815	0.16%	0.018%
19	8.828	991	993	1002	rVB9	9049	20082	0.36%	0.042%
20	9.099	1035	1039	1045	rVB3	13349	20405	0.37%	0.042%
21	9.369	1076	1085	1095	rBV	625388	1019638	18.42%	2.124%
22	9.904	1169	1176	1190	rBV	959827	1637160	29.58%	3.410%
23	10.075	1199	1205	1227	rBV	376614	752243	13.59%	1.567%
24	10.275	1231	1239	1247	rVB	815954	1340184	24.22%	2.791%
25	10.416	1256	1263	1282	rBV	655052	1207161	21.81%	2.514%
26	11.110	1375	1381	1388	rBV7	7726	18968	0.34%	0.040%
27	11.587	1457	1462	1466	rVB5	4276	6534	0.12%	0.014%
28	11.875	1505	1511	1518	rVB4	14147	26583	0.48%	0.055%
29	12.504	1614	1618	1624	rBV7	5541	9764	0.18%	0.020%
30	12.592	1629	1633	1634	rBV4	15026	17574	0.32%	0.037%
31	12.763	1659	1662	1665	rBV4	4850	6474	0.12%	0.013%
32	12.992	1696	1701	1707	rVB7	5634	9204	0.17%	0.019%
33	13.128	1719	1724	1728	rVB6	3197	6579	0.12%	0.014%
34	13.575	1793	1800	1812	rBV	1890384	2503362	45.23%	5.214%
35	13.839	1838	1845	1856	rBV	1986236	3011545	54.42%	6.272%
36	14.151	1891	1898	1908	rVV	1200023	1779026	32.15%	3.705%

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37	14.245	1910	1914	1917	rBV4	5935	7210	0.13%	0.015%
38	14.392	1933	1939	1949	rBV2	66910	167744	3.03%	0.349%
39	14.704	1985	1992	2026	rBV	136053	891252	16.10%	1.856%
40	14.981	2036	2039	2040	rBV	12242	11270	0.20%	0.023%
41	15.033	2047	2048	2056	rVB8	10728	14358	0.26%	0.030%
42	15.157	2062	2069	2082	rBV	2712383	3922824	70.88%	8.170%
43	15.280	2084	2090	2102	rBV	808726	1088396	19.67%	2.267%
44	15.398	2107	2110	2114	rVB4	13279	18268	0.33%	0.038%
45	15.528	2125	2132	2138	rBV2	48815	83276	1.50%	0.173%
46	15.592	2140	2143	2146	rVB4	5451	7542	0.14%	0.016%
47	16.075	2222	2225	2230	rVB6	5590	8838	0.16%	0.018%
48	16.657	2321	2324	2327	rBV5	7227	9771	0.18%	0.020%
49	16.698	2327	2331	2334	rVV3	11081	15226	0.28%	0.032%
50	16.857	2354	2358	2360	rBV5	8674	14050	0.25%	0.029%
51	16.904	2360	2366	2373	rVV2	1515927	2088743	37.74%	4.350%
52	17.004	2377	2383	2394	rVV	3191460	4425675	79.97%	9.217%
53	17.833	2519	2524	2529	rBV	143411	216525	3.91%	0.451%
54	19.121	2740	2743	2764	rVB3	108863	262794	4.75%	0.547%
55	19.310	2770	2775	2787	rVB	4316686	5534161	100.00%	11.526%
56	21.139	3080	3086	3095	rBV	1617470	2234642	40.38%	4.654%
57	23.727	3518	3526	3544	rVB	2204300	4843101	87.51%	10.087%
58	23.915	3551	3558	3574	rVB	972004	2365340	42.74%	4.926%

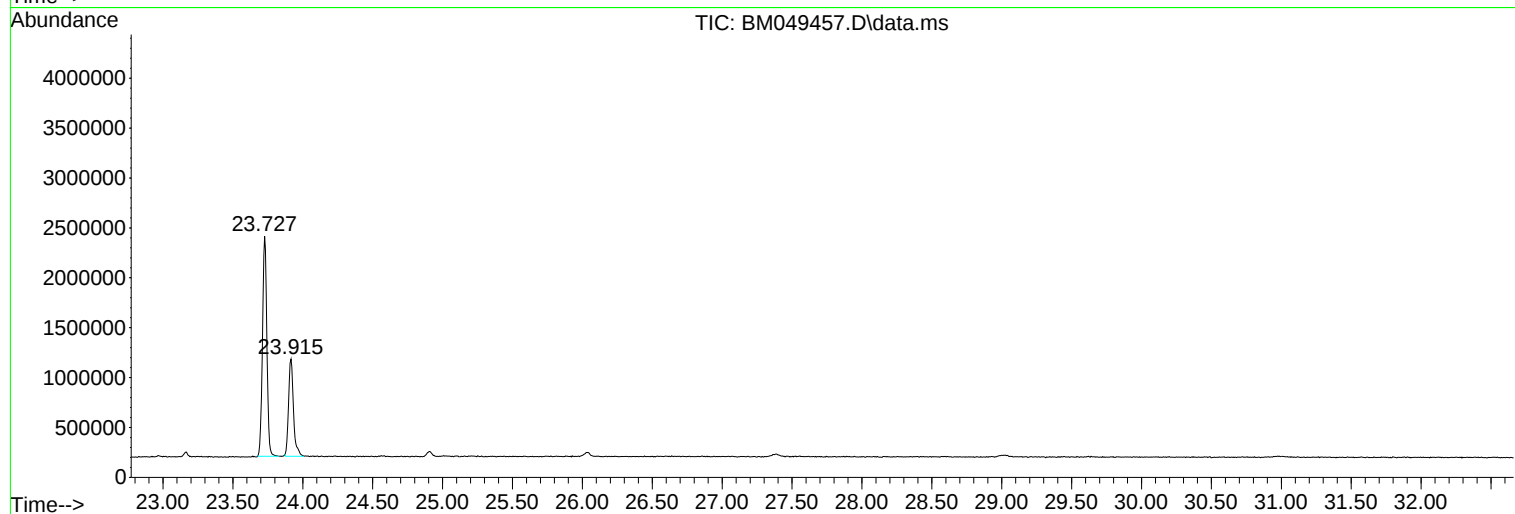
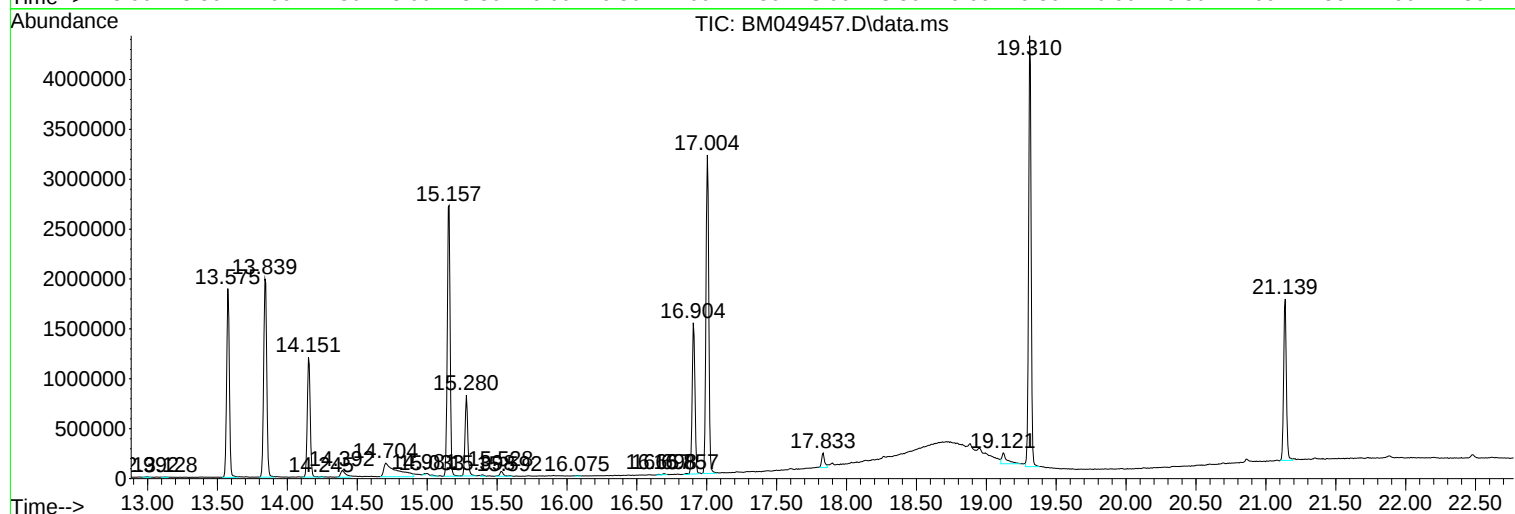
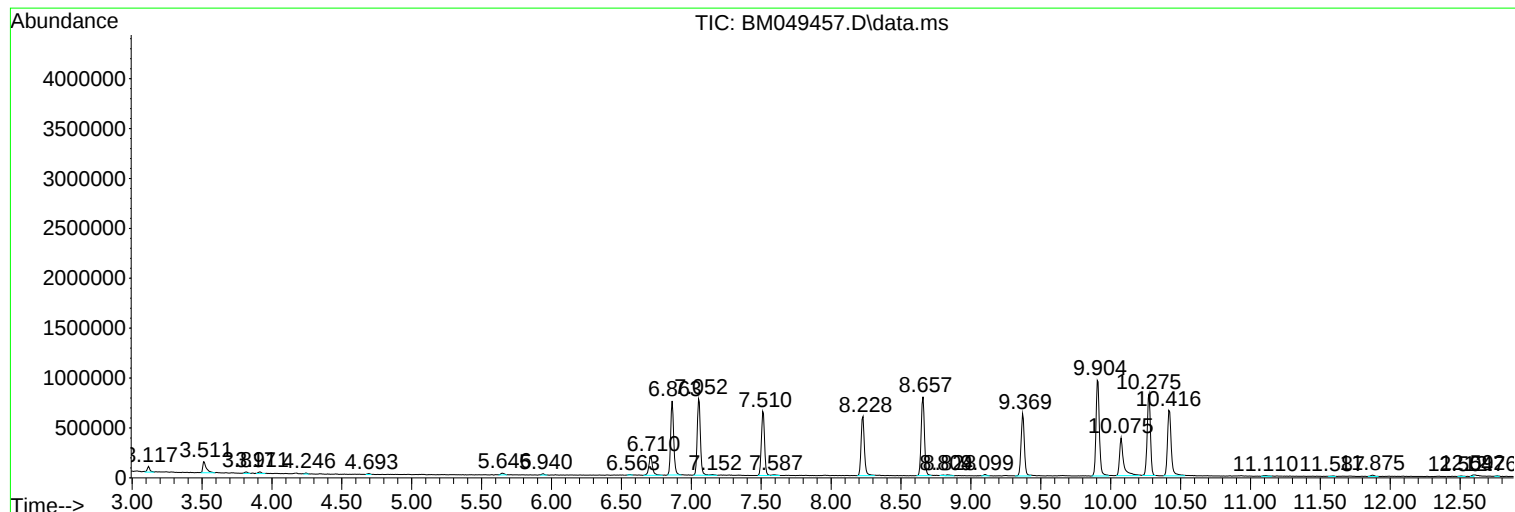
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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



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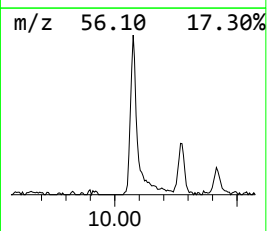
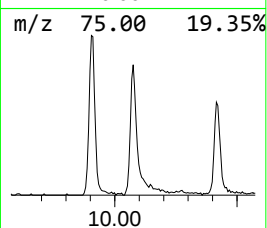
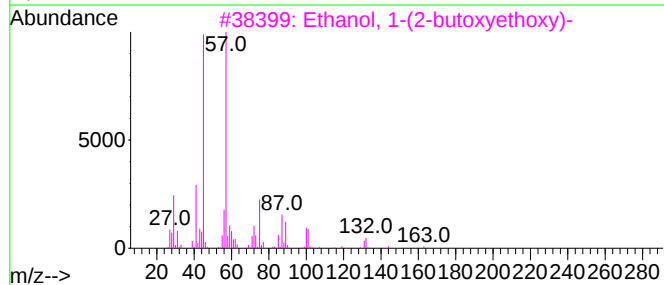
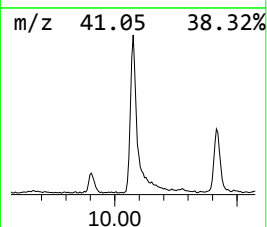
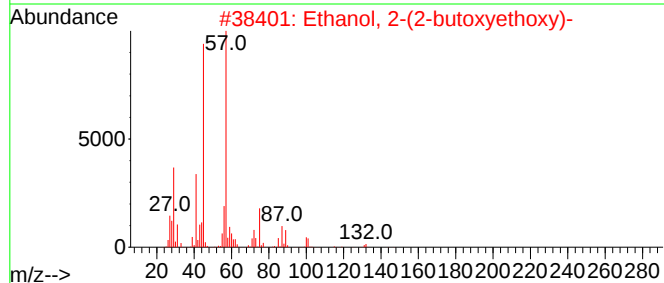
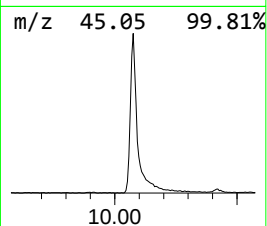
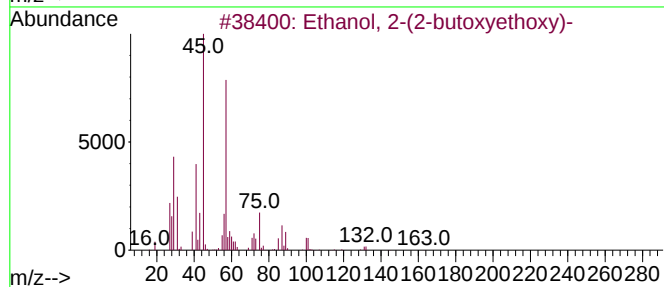
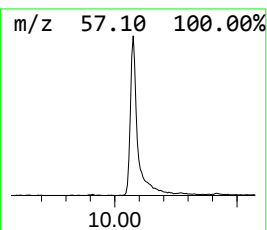
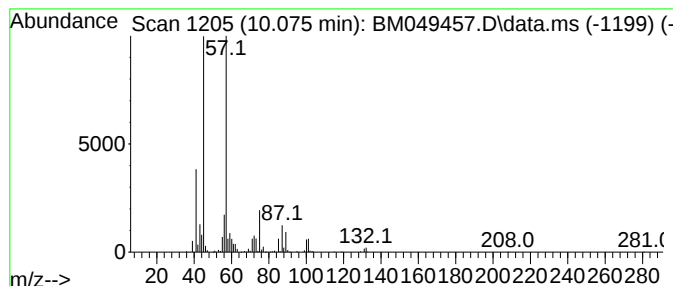
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	11.23 ng/ul	752243	Naphthalene-d8	10.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
4			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
5			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64



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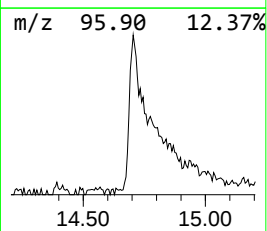
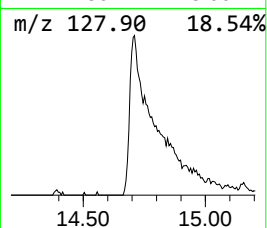
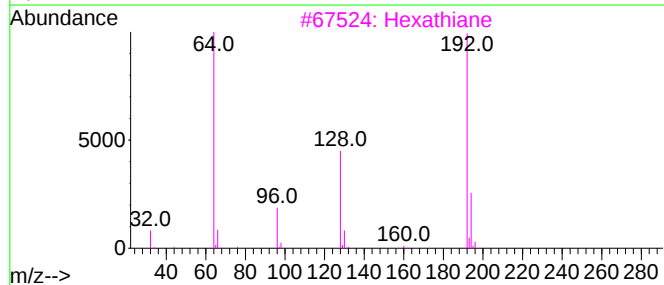
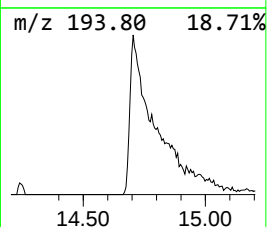
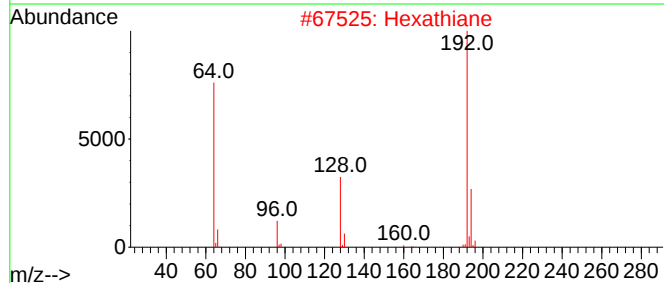
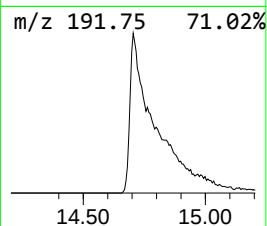
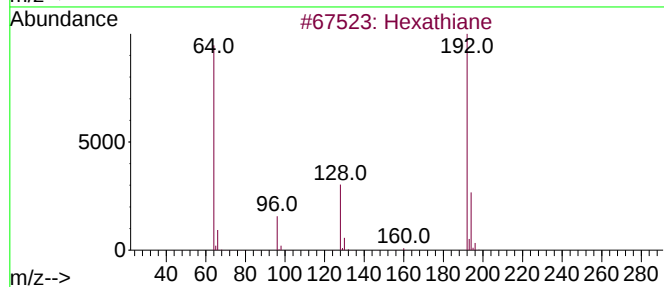
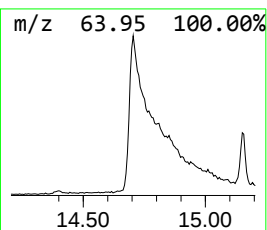
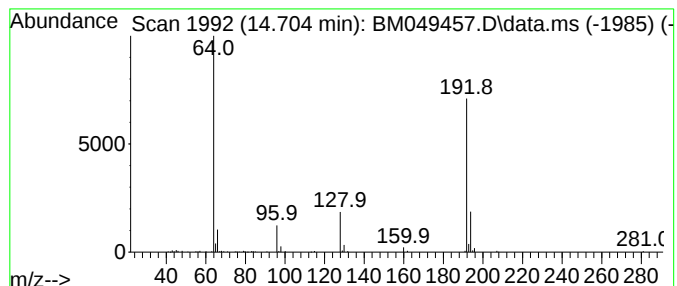
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Hexathiane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.704	10.02 ng/ul	891252	Acenaphthene-d10	14.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexathiane	192	S6	013798-23-7	94
2			Hexathiane	192	S6	013798-23-7	91
3			Hexathiane	192	S6	013798-23-7	91
4			Cyclic octaatomic sulfur	256	S8	010544-50-0	25
5			Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	9



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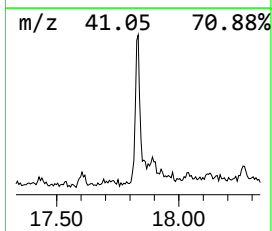
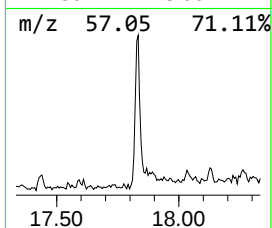
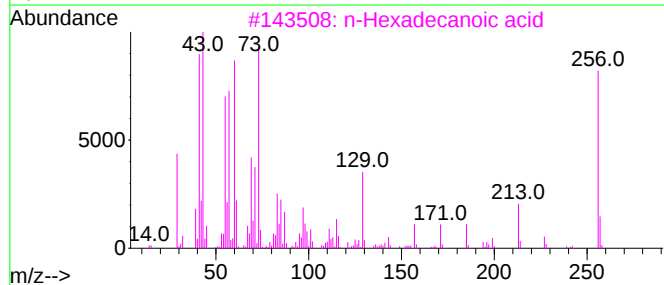
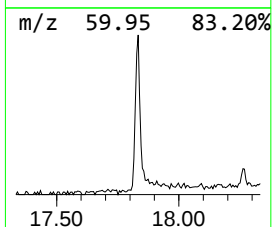
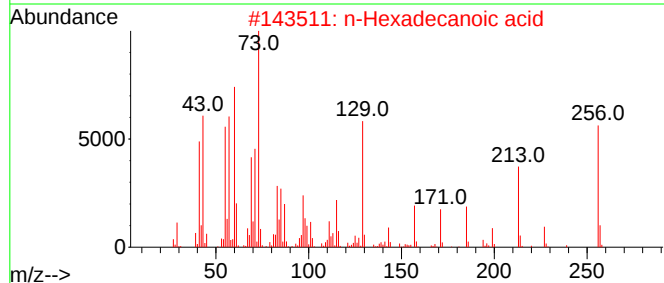
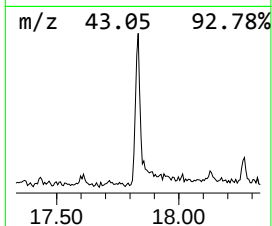
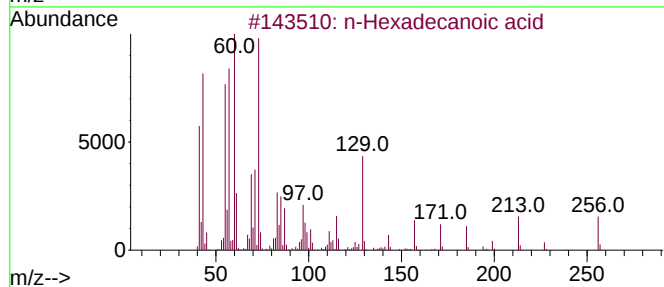
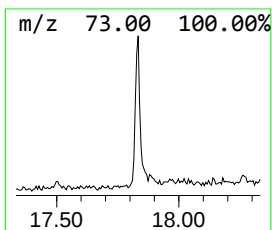
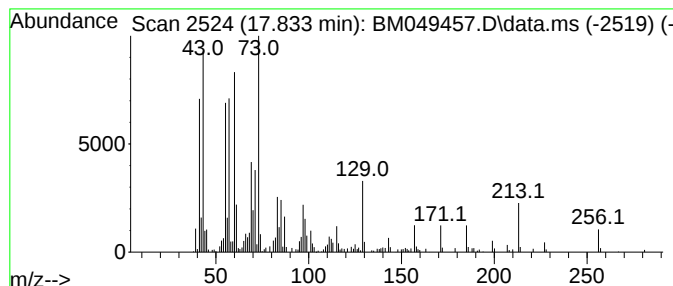
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	2.07 ng/ul	216525	Phenanthrene-d10	16.904

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	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	97



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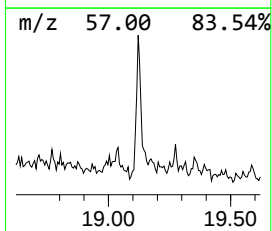
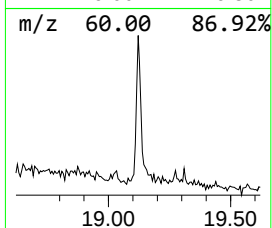
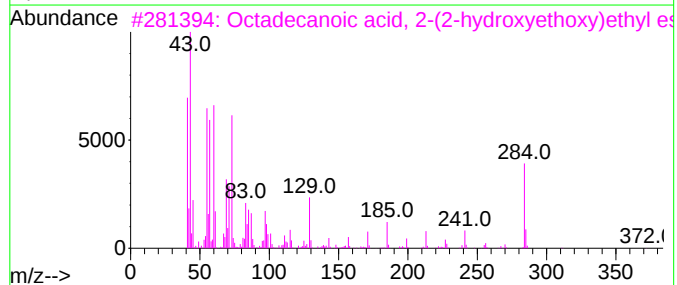
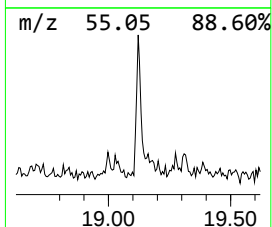
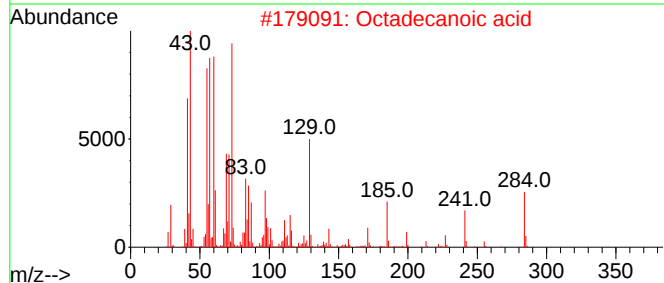
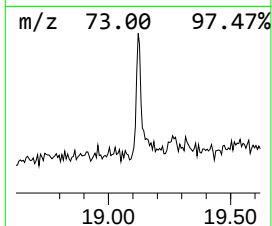
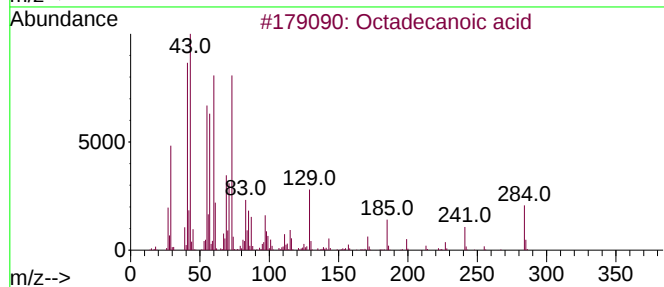
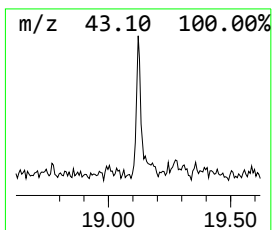
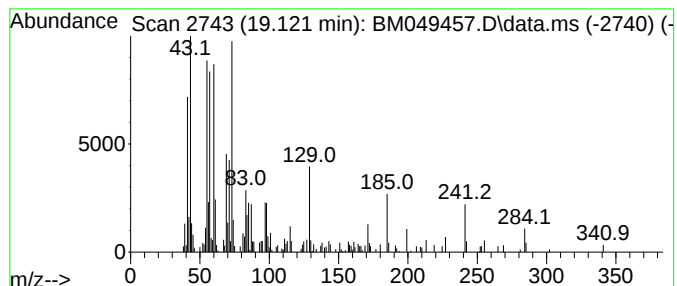
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.121	2.35 ng/ul	262794	Chrysene-d12	21.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Octadecanoic acid	284	C18H36O2	000057-11-4	83
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.075	11.2	ng/u1	752243	2	10.275	1340180	20.0
Hexathiane	14.704	10.0	ng/u1	891252	3	14.151	1779030	20.0
n-Hexadecanoic ...	17.833	2.1	ng/u1	216525	4	16.904	2088740	20.0
Octadecanoic acid	19.121	2.4	ng/u1	262794	5	21.139	2234640	20.0