LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
Data File : BM038636.D
Acq On : 01 Feb 2023 01:19
Operator : CG/JU
Sample : 01277-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EX9H0

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-BM013023.M
Title : SVOA CALIBRATION

Signal : TIC: BM038636.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.334	20	25	34	rVB2	9458	14284	1.03%	0.137%
2	3.769	95	99	110	rBV	42958	74847	5.39%	0.718%
3	3.987	132	136	141	rVB4	5989	8265	0.60%	0.079%
4	4.087	149	153	158	rVB2	4557	6277	0.45%	0.060%
5	4.546	226	231	238	rBV	79572	111175	8.01%	1.066%
6	5.046	313	316	320	rVB2	1416	2325	0.17%	0.022%
7	6.228	512	517	522	rVB2	1863	2369	0.17%	0.023%
8	7.045	654	656	658	rBV	1530	1422	0.10%	0.014%
9	7.116	663	668	677	rVB	59851	92521	6.67%	0.887%
10	7.281	685	696	704	rBV	100329	148203	10.68%	1.422%
11	7.481	722	730	737	rBV	142806	220265	15.88%	2.113%
12	7.951	803	810	816	rBV	153340	233248	16.81%	2.237%
13	8.010	816	820	824	rVV	2090	3352	0.24%	0.032%
14	8.039	824	825	831	rVB3	2130	2350	0.17%	0.023%
15	8.663	925	931	939	rBV	135170	213761	15.41%	2.050%
16	9.122	1003	1009	1019	rVB	151893	237192	17.10%	2.275%
17	9.339	1042	1046	1050	rBV	6641	8746	0.63%	0.084%
18	9.381	1050	1053	1058	rVB3	4658	6270	0.45%	0.060%
19	9.492	1068	1072	1079	rVB3	4336	6438	0.46%	0.062%
20	9.728	1107	1112	1115	rBV4	1538	2048	0.15%	0.020%
21	9.845	1125	1132	1143	rVB	148272	236118	17.02%	2.265%
22	9.933	1143	1147	1148	rBV	1326	1421	0.10%	0.014%
23	9.963	1149	1152	1158	rVB	5749	8248	0.59%	0.079%
24	10.381	1217	1223	1232	rBV	212622	352210	25.39%	3.378%
25	10.757	1281	1287	1294	rBV	151010	244023	17.59%	2.341%
26	10.910	1306	1313	1323	rBV	93987	167399	12.07%	1.606%
27	11.310	1373	1381	1385	rBV2	1435	2901	0.21%	0.028%
28	11.745	1451	1455	1460	rVB5	1788	3293	0.24%	0.032%
29	12.157	1519	1525	1528	rVB2	1148	1908	0.14%	0.018%
30	12.345	1553	1557	1561	rVB3	1916	2770	0.20%	0.027%
31	12.563	1590	1594	1597	rBV2	1784	2525	0.18%	0.024%
32	12.957	1655	1661	1668	rBV4	1501	3499	0.25%	0.034%
33	13.392	1732	1735	1742	rVB2	1849	2738	0.20%	0.026%
34	13.610	1767	1772	1776	rVB4	2438	4042	0.29%	0.039%
35	13.910	1818	1823	1824	rBV2	1457	1397	0.10%	0.013%
36	13.998	1832	1838	1845	rBV	351459	458983	33.08%	4.403%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
Data File : BM038636.D
Acq On : 01 Feb 2023 01:19
Operator : CG/JU
Sample : 01277-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EX9H0

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-BM013023.M
Title : SVOA CALIBRATION

37	14.280	1880	1886	1893	rVB	388542	529818	38.19%	5.082%
38	14.457	1910	1916	1920	rBV2	7107	9975	0.72%	0.096%
39	14.498	1920	1923	1931	rVB3	7553	11392	0.82%	0.109%
40	14.586	1931	1938	1945	rBV	242306	342491	24.69%	3.285%
41	14.804	1970	1975	1984	rVV	21252	41194	2.97%	0.395%
42	14.868	1984	1986	1989	rVB4	1187	1506	0.11%	0.014%
43	14.957	1999	2001	2004	rBV4	2389	2553	0.18%	0.024%
44	14.992	2004	2007	2011	rVB3	2291	2626	0.19%	0.025%
45	15.063	2015	2019	2023	rBV5	2212	2721	0.20%	0.026%
46	15.121	2026	2029	2031	rBV2	1665	1528	0.11%	0.015%
47	15.327	2061	2064	2067	rBV4	1900	2430	0.18%	0.023%
48	15.415	2076	2079	2082	rVV2	3204	3901	0.28%	0.037%
49	15.574	2100	2106	2113	rBV	524282	716078	51.62%	6.869%
50	15.704	2123	2128	2137	rBV	190464	256010	18.45%	2.456%
51	15.815	2145	2147	2151	rVB3	3247	3817	0.28%	0.037%
52	15.845	2151	2152	2156	rBV4	1382	1953	0.14%	0.019%
53	15.939	2163	2168	2175	rBV	81274	111969	8.07%	1.074%
54	16.021	2180	2182	2184	rVV3	1858	1749	0.13%	0.017%
55	16.080	2188	2192	2196	rVV5	5503	8277	0.60%	0.079%
56	16.157	2202	2205	2208	rVB3	1801	1994	0.14%	0.019%
57	16.286	2223	2227	2230	rBV6	3377	4482	0.32%	0.043%
58	16.498	2261	2263	2264	rBV2	1985	1428	0.10%	0.014%
59	16.557	2269	2273	2276	rVB6	2121	2697	0.19%	0.026%
60	16.604	2279	2281	2283	rBV3	2084	2303	0.17%	0.022%
61	16.633	2285	2286	2288	rBV2	1619	1429	0.10%	0.014%
62	16.721	2296	2301	2306	rBV9	2860	6840	0.49%	0.066%
63	16.868	2324	2326	2327	rBV2	1815	1426	0.10%	0.014%
64	17.327	2398	2404	2412	rBV	346138	470296	33.90%	4.511%
65	17.427	2415	2421	2428	rBV	614383	824975	59.46%	7.913%
66	17.804	2480	2485	2490	rBV	52547	77443	5.58%	0.743%
67	18.209	2550	2554	2561	rBV	84473	111894	8.07%	1.073%
68	19.480	2767	2770	2779	rBV3	45725	61824	4.46%	0.593%
69	19.715	2805	2810	2816	rBV	846853	1060701	76.46%	10.175%
70	21.197	3059	3062	3067	rVB4	57437	71355	5.14%	0.684%
71	21.503	3109	3114	3118	rBV	509685	596984	43.03%	5.726%
72	23.756	3490	3497	3504	rVB	747304	1387344	100.00%	13.308%
73	23.909	3517	3523	3534	rVB	405855	798838	57.58%	7.663%

Sum of corrected areas: 10425074

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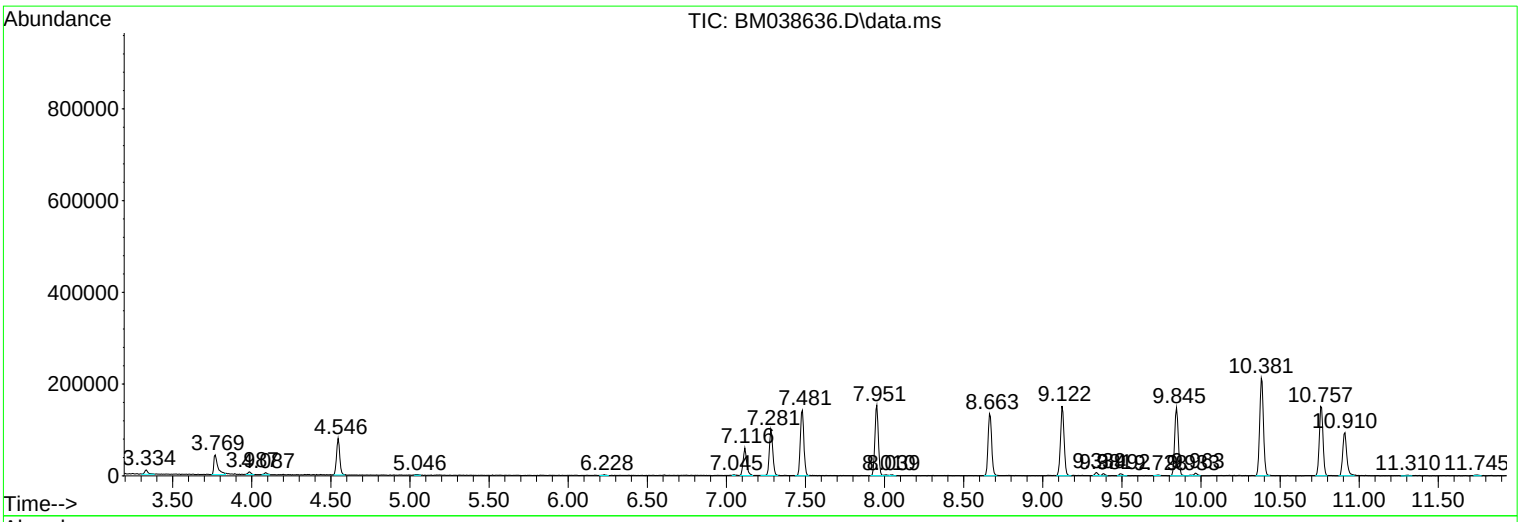
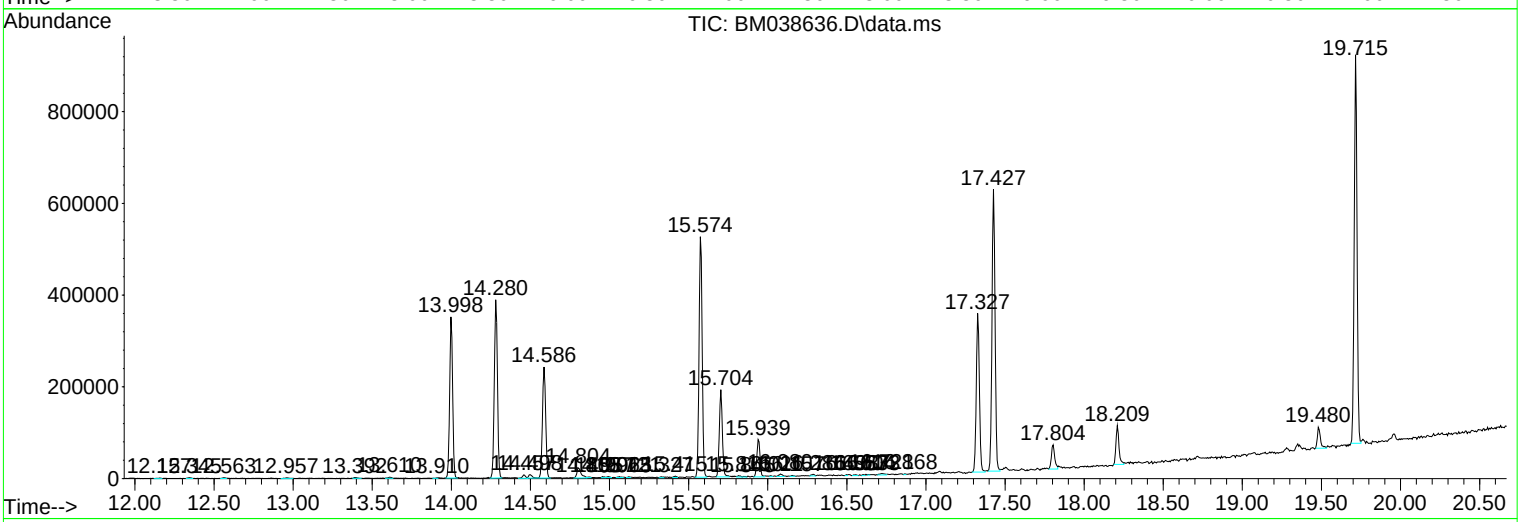
Acq On : 01 Feb 2023 01:19
Operator : CG/JU
Sample : 01277-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

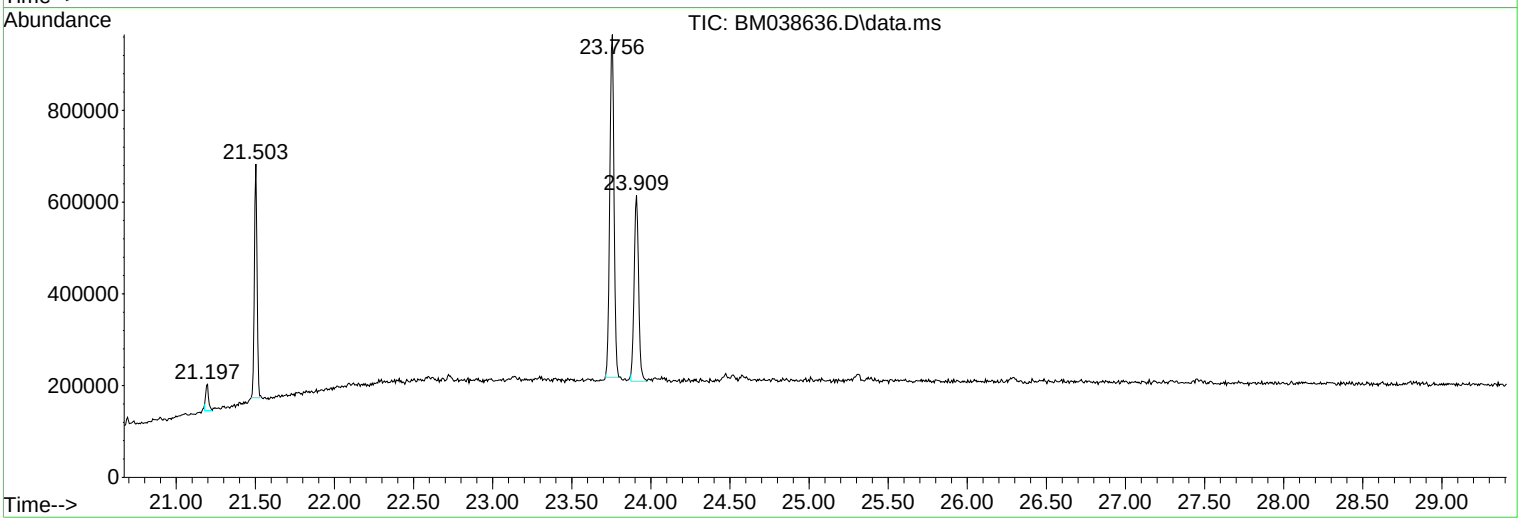
Instrument :
BNA_M
ClientSampleId :
EX9H0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION

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







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Operator : CG/JU
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BNA_M
ClientSampleId :
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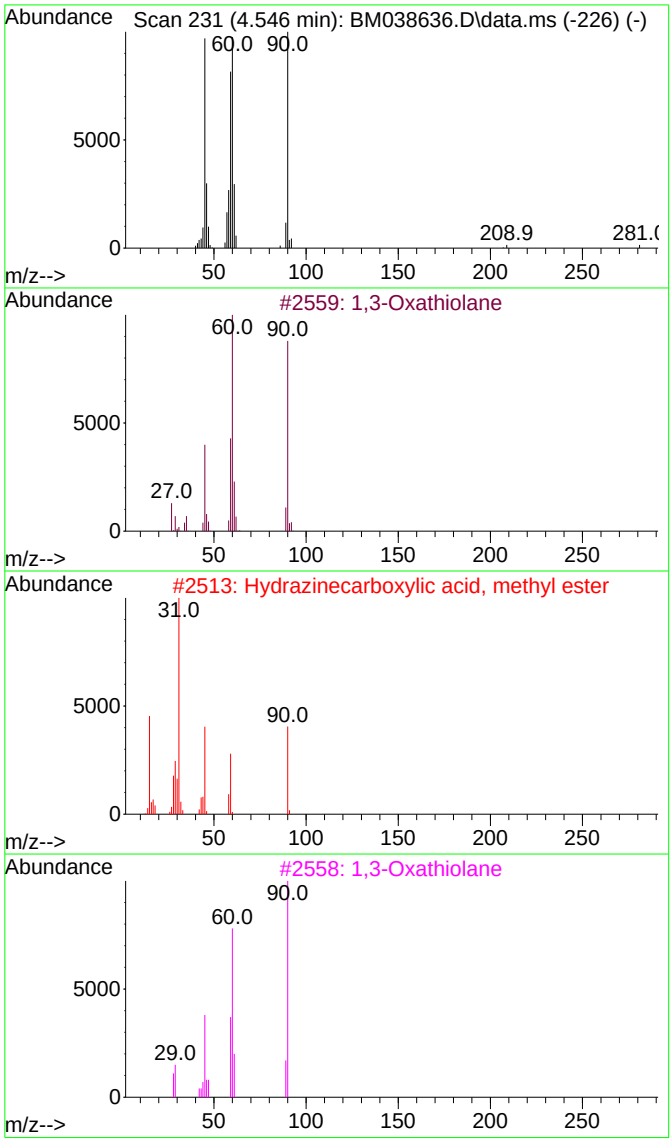
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION

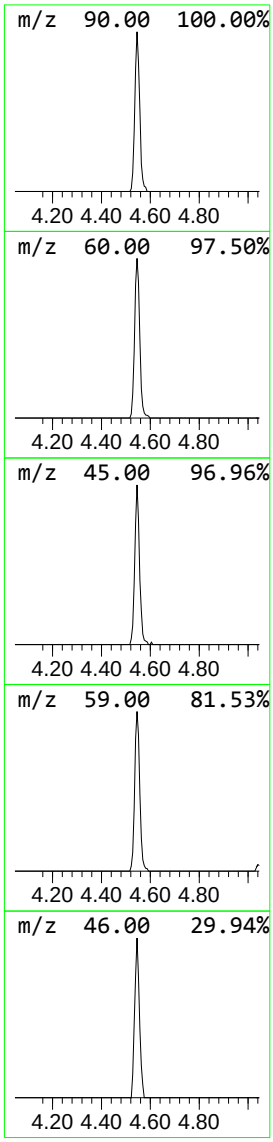
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,3-Oxathiolane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.546	9.53 ng/ul	111175	1,4-Dichlorobenzene-d4	7.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	64
2	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	59
3	1,3-Oxathiolane	90	C3H6OS	002094-97-5	50
4	Thiourea, methyl-	90	C2H6N2S	000598-52-7	43
5	3-Thietanol	90	C3H6OS	010304-16-2	43





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Operator : CG/JU
Sample : 01277-06
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EX9H0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION

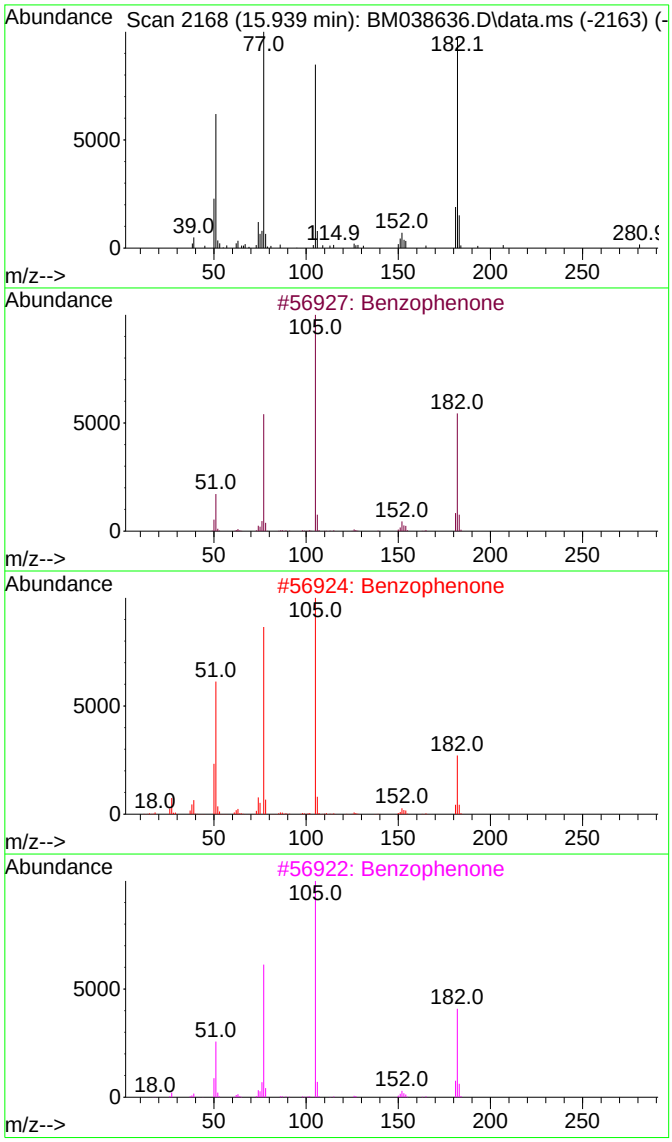
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

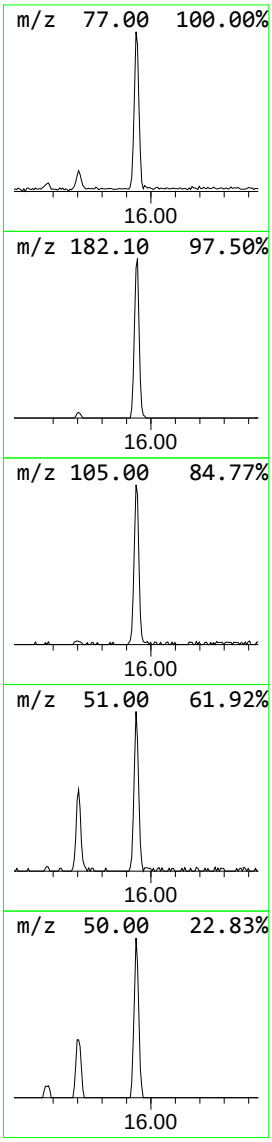
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.939	6.54 ng/ul	111969	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Data File : BM038636.D
Acq On : 01 Feb 2023 01:19
Operator : CG/JU
Sample : 01277-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EX9H0

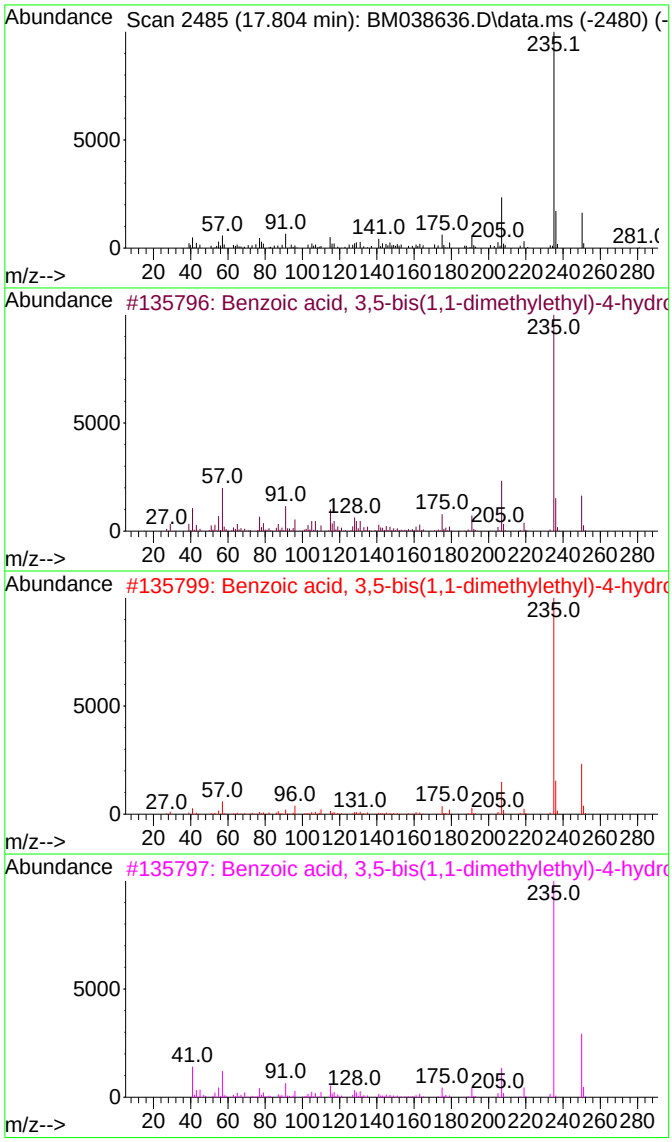
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION

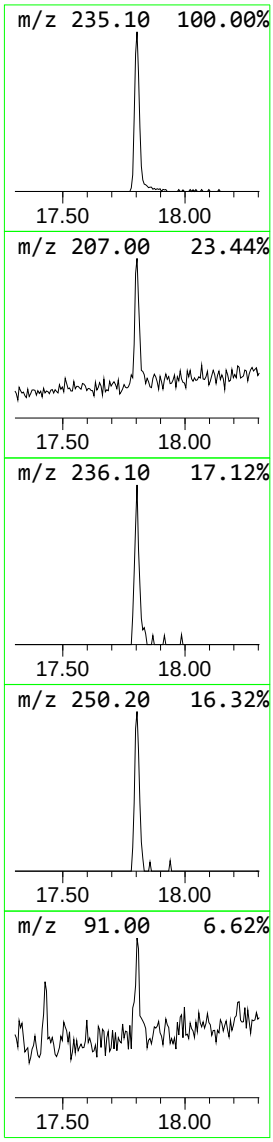
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.804	3.29 ng/ul	77443	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	93
2	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	90
3	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	74
4	Oxazole, 2-methyl-4,5-diphenyl-	235	C16H13NO	014224-99-8	72
5	4-tert-Butyl-2,6-dimethylphenol,...	250	C15H26OSi	1000495-37-2	68





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION

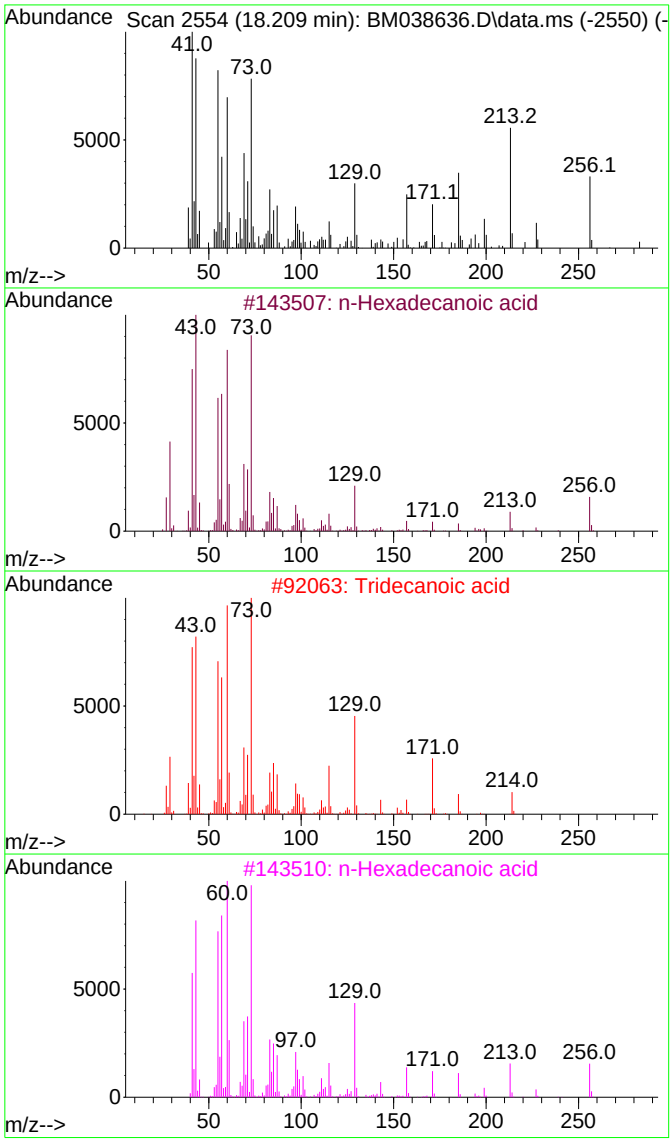
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

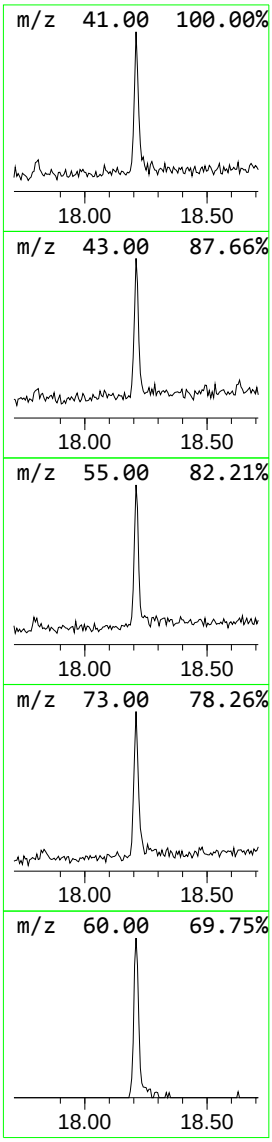
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.209	4.76 ng/ul	111894	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	51





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Data File : BM038636.D
Acq On : 01 Feb 2023 01:19
Operator : CG/JU
Sample : 01277-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EX9H0

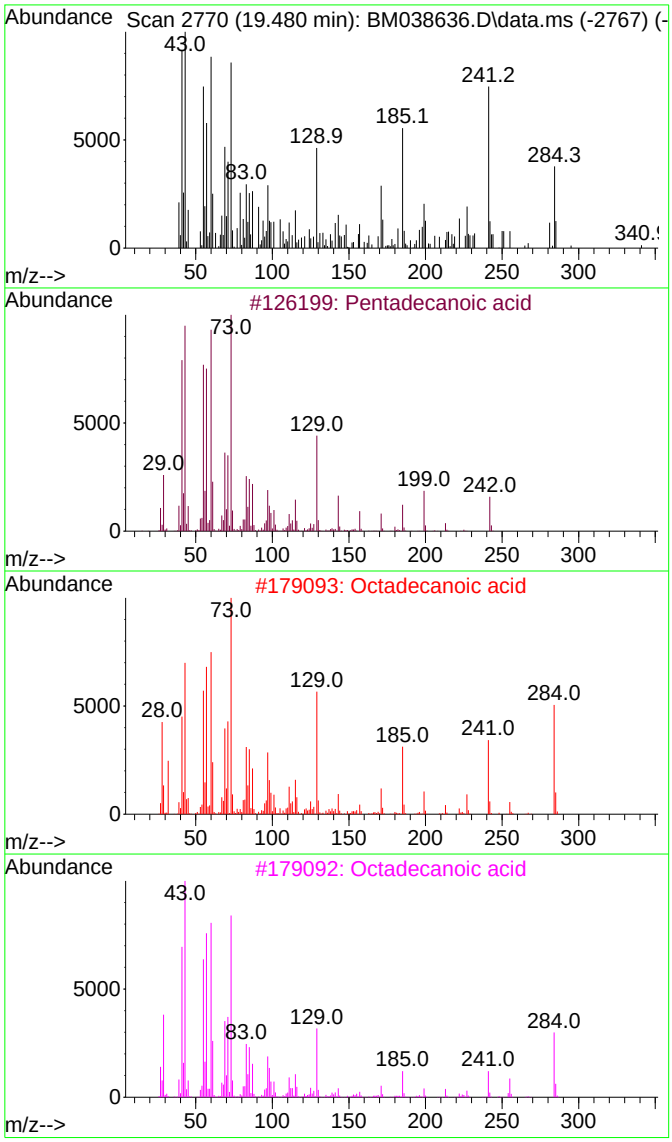
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION

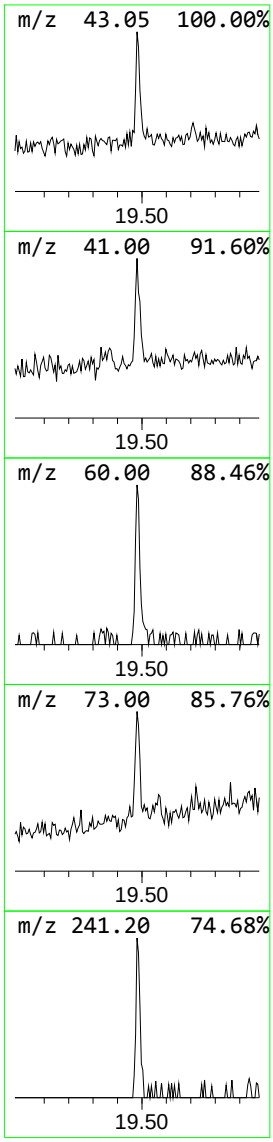
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.480	2.07 ng/ul	61824	Chrysene-d12	21.503

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	80
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	46





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Sample : 01277-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EX9H0

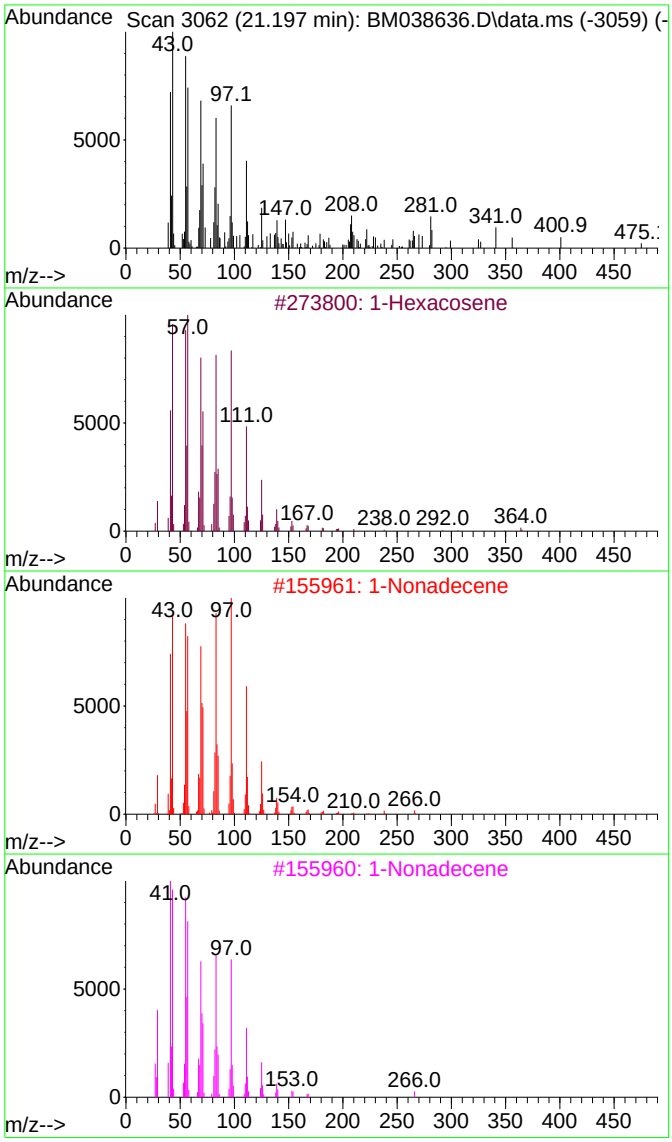
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION

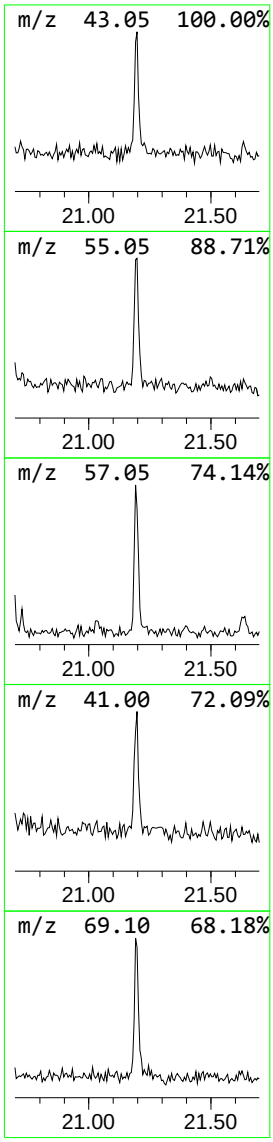
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	2.39 ng/ul	71355	Chrysene-d12	21.503

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	90
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	1-Nonadecene	266	C19H38	018435-45-5	83
4	Triacontan-15-ol	438	C30H62O	031849-26-0	81
5	1-Tetracosene	336	C24H48	010192-32-2	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
Data File : BM038636.D
Acq On : 01 Feb 2023 01:19
Operator : CG/JU
Sample : 01277-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EX9H0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Oxathiolane	4.546	9.5	ng/ul	111175	1	7.951	233248	20.0
Benzophenone	15.939	6.5	ng/ul	111969	3	14.586	342491	20.0
Benzoic acid, 3...	17.804	3.3	ng/ul	77443	4	17.327	470296	20.0
n-Hexadecanoic ...	18.209	4.8	ng/ul	111894	4	17.327	470296	20.0
Pentadecanoic acid	19.480	2.1	ng/ul	61824	5	21.503	596984	20.0
(DEL) Alkane: S...	21.198	2.4	ng/ul	71355	5	21.503	596984	20.0