LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016283.D
Acq On : 18 Jul 2023 08:32
Operator : MA/JU
Sample : 03458-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A46M0

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_P\Methods\SFAM-EPA-BP071223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016283.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.281	12	16	30	rVB	68871	122394	1.48%	0.140%
2	3.728	89	92	117	rBV	623243	1403619	16.92%	1.604%
3	4.046	143	146	151	rVB3	11701	16724	0.20%	0.019%
4	7.140	665	672	691	rBV	688466	2054404	24.76%	2.348%
5	7.281	691	696	724	rVV	731861	1667684	20.10%	1.906%
6	7.481	724	730	762	rVB	917077	2034983	24.53%	2.326%
7	7.951	803	810	829	rBV	709754	1679755	20.25%	1.920%
8	8.693	928	936	961	rBV	860608	2397018	28.89%	2.740%
9	9.145	1005	1013	1034	rBV	787258	1896232	22.85%	2.167%
10	9.875	1130	1137	1169	rBV	585742	1644538	19.82%	1.880%
11	10.439	1226	1233	1280	rBV	601819	2651357	31.96%	3.030%
12	10.769	1282	1289	1309	rVB	1381221	2701704	32.56%	3.088%
13	10.957	1315	1321	1360	rBV	602637	2510250	30.26%	2.869%
14	11.969	1486	1493	1496	rBV8	4732	9708	0.12%	0.011%
15	12.433	1565	1572	1578	rBV3	11132	27128	0.33%	0.031%
16	12.981	1657	1665	1668	rBV10	4560	13203	0.16%	0.015%
17	13.204	1699	1703	1708	rBV6	6194	10502	0.13%	0.012%
18	13.480	1743	1750	1760	rBV2	31853	63444	0.76%	0.073%
19	13.604	1767	1771	1777	rVB9	5723	9742	0.12%	0.011%
20	13.945	1824	1829	1835	rBV10	3864	9362	0.11%	0.011%
21	14.022	1835	1842	1864	rBV	2030244	3938236	47.47%	4.501%
22	14.298	1882	1889	1915	rBV	2911256	4875661	58.77%	5.573%
23	14.475	1916	1919	1927	rVB9	8848	18888	0.23%	0.022%
24	14.604	1935	1941	1962	rBV	2318966	3708041	44.69%	4.238%
25	14.927	1989	1996	2045	rBV3	268491	1841689	22.20%	2.105%
26	15.351	2063	2068	2069	rBV5	6863	9458	0.11%	0.011%
27	15.380	2069	2073	2078	rVV5	11061	20221	0.24%	0.023%
28	15.433	2078	2082	2089	rVB3	21767	35250	0.42%	0.040%
29	15.610	2105	2112	2130	rBV	2971547	5570459	67.14%	6.367%
30	15.792	2137	2143	2169	rBV	424797	1391503	16.77%	1.590%
31	15.980	2170	2175	2197	rVB	461890	742447	8.95%	0.849%
32	16.251	2218	2221	2225	rBV5	6846	8698	0.10%	0.010%
33	16.392	2243	2245	2252	rVB7	6468	10481	0.13%	0.012%
34	16.539	2264	2270	2277	rVV	38334	65591	0.79%	0.075%
35	16.692	2293	2296	2300	rVB5	9167	10232	0.12%	0.012%
36	16.786	2308	2312	2315	rBV6	8128	13796	0.17%	0.016%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016283.D
Acq On : 18 Jul 2023 08:32
Operator : MA/JU
Sample : 03458-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M0

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_P\Methods\SFAM-EPA-BP071223.MA.M
Title : SVOA CALIBRATION

37	16.863	2322	2325	2329	rVB6	7647	9916	0.12%	0.011%
38	17.039	2352	2355	2360	rVB6	12177	15547	0.19%	0.018%
39	17.086	2360	2363	2366	rBV5	7650	8679	0.10%	0.010%
40	17.263	2389	2393	2398	rBV8	10656	15248	0.18%	0.017%
41	17.369	2405	2411	2423	rBV	3178333	4678537	56.39%	5.347%
42	17.474	2423	2429	2453	rVB2	3134249	6587781	79.40%	7.530%
43	18.010	2517	2520	2524	rVB6	11323	15753	0.19%	0.018%
44	18.233	2552	2558	2569	rBV	777717	1329281	16.02%	1.519%
45	19.286	2734	2737	2741	rVB2	56398	70360	0.85%	0.080%
46	19.363	2747	2750	2754	rBV	48905	66388	0.80%	0.076%
47	19.463	2763	2767	2776	rBV	199922	356414	4.30%	0.407%
48	19.710	2803	2809	2827	rBV	4791601	8296862	100.00%	9.483%
49	20.186	2887	2890	2893	rBV3	44709	60060	0.72%	0.069%
50	20.668	2969	2972	2974	rBV	56235	60781	0.73%	0.069%
51	21.157	3046	3055	3069	rBV	625935	2105170	25.37%	2.406%
52	21.474	3104	3109	3122	rBV2	2715345	5455059	65.75%	6.235%
53	23.792	3496	3503	3523	rVB2	3477440	7882981	95.01%	9.010%
54	23.962	3525	3532	3551	rVB	1892282	5292771	63.79%	6.049%

Sum of corrected areas: 87491990

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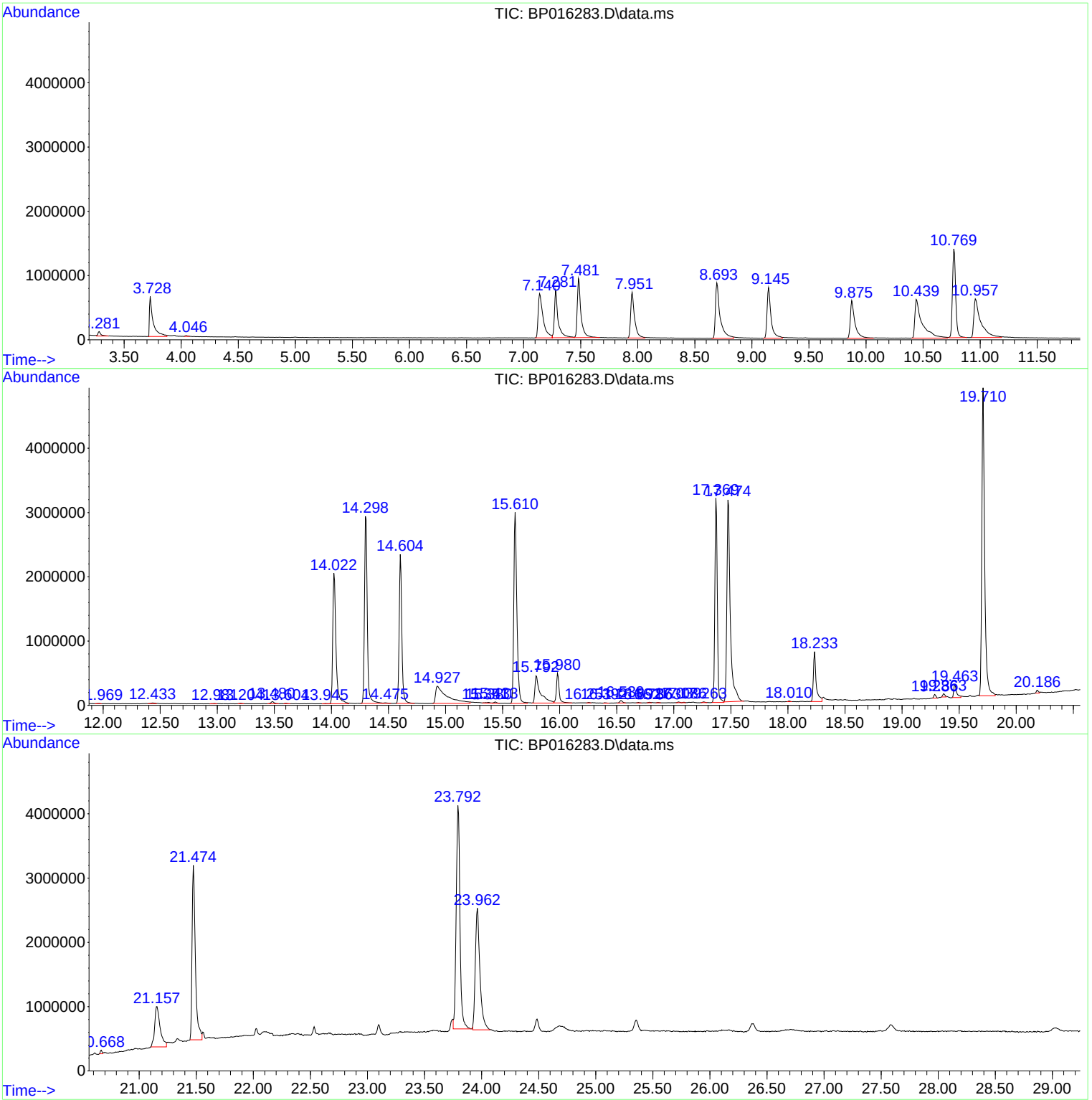
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016283.D
Acq On : 18 Jul 2023 08:32
Operator : MA/JU
Sample : 03458-07
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

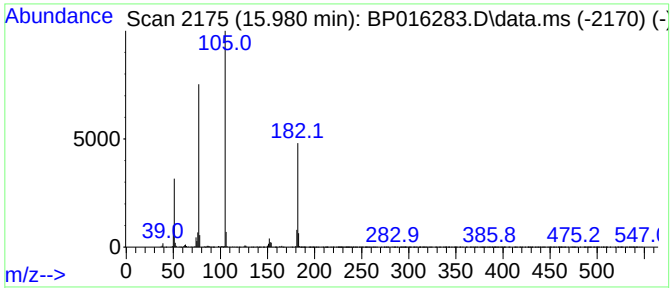
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

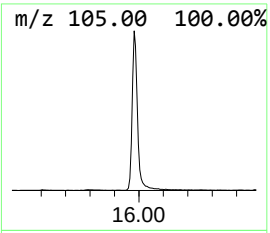
****

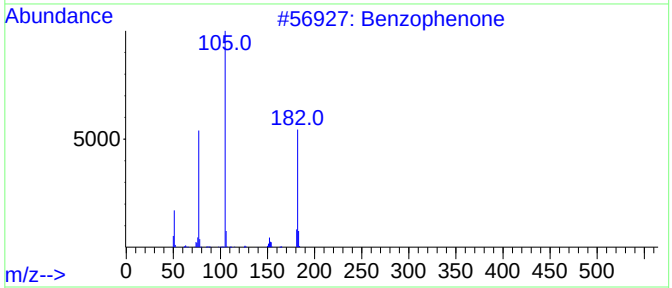
Peak Number 1 Benzophenone Concentration Rank 3

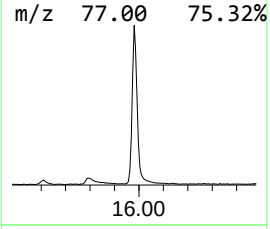
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	4.00 ng/ul	742447	Acenaphthene-d10	14.604

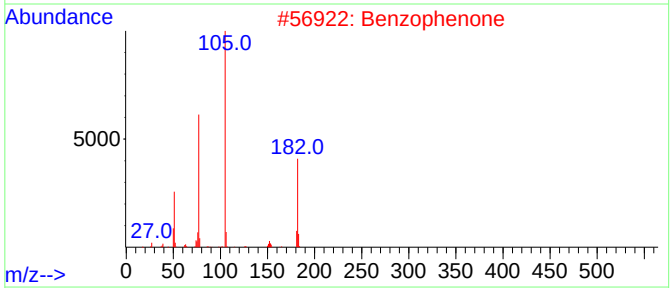
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	76

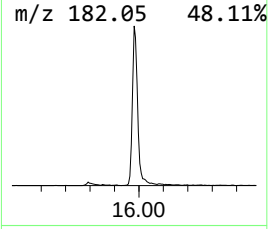


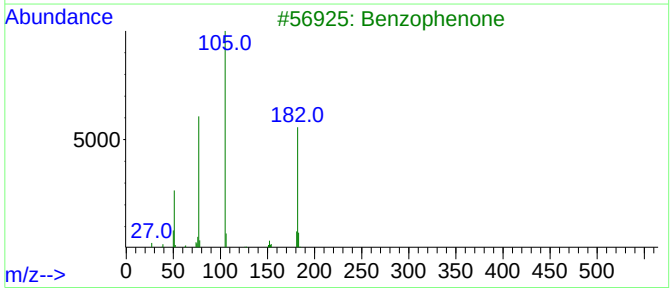


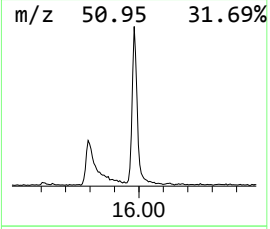


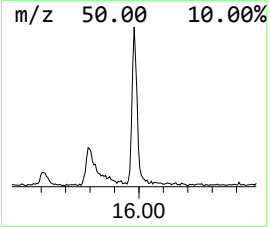












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Misc :
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Instrument :
BNA_P
ClientSampleId :
A46M0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

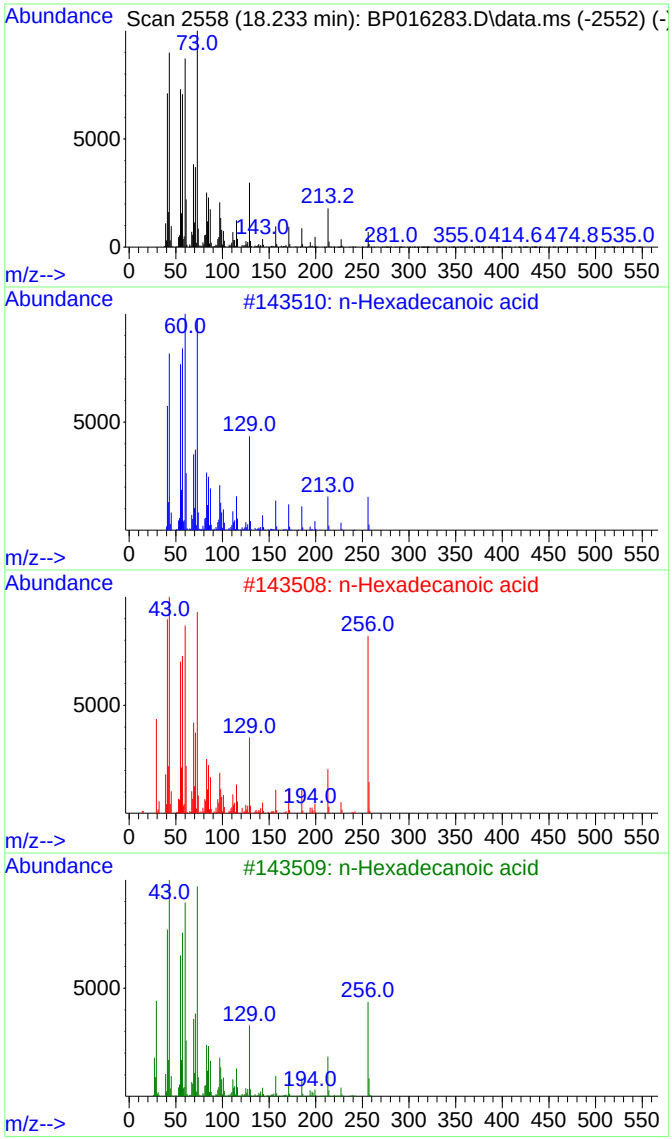
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

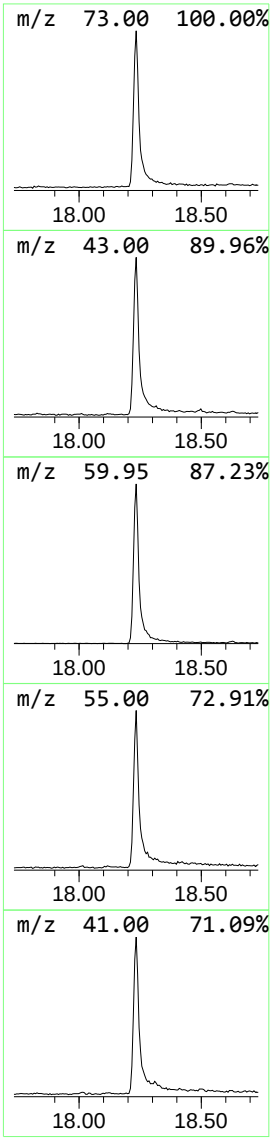
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	5.68 ng/ul	1329280	Phenanthrene-d10	17.369

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016283.D
Acq On : 18 Jul 2023 08:32
Operator : MA/JU
Sample : 03458-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M0

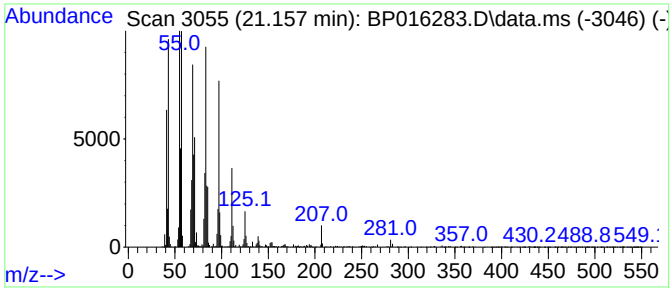
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

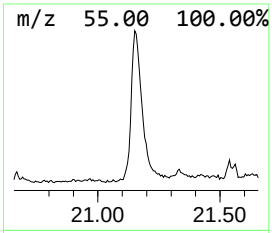
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

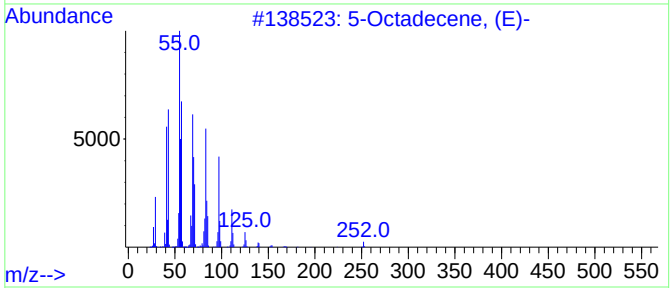
****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

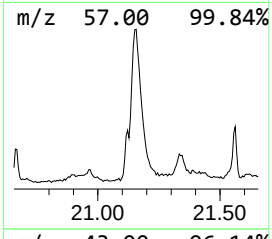
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.157	7.72 ng/ul	2105170	Chrysene-d12	21.474

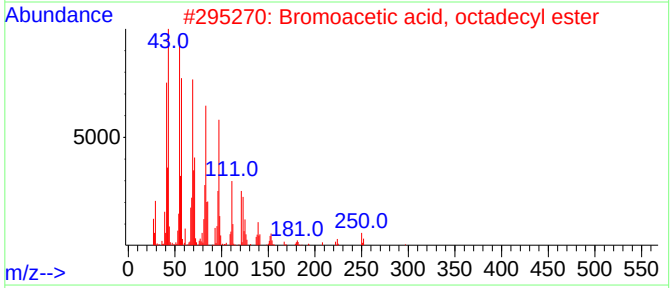
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	1-Tricosene	322	C23H46	018835-32-0	94

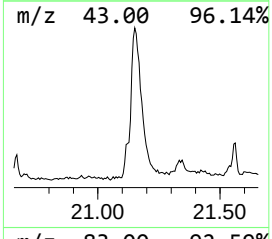


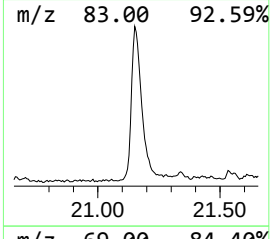


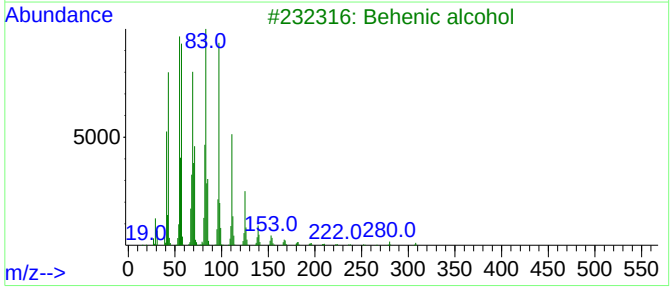


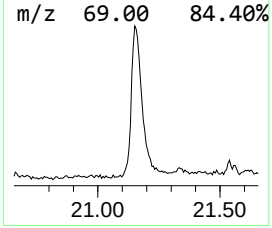












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
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Operator : MA/JU
Sample : 03458-07
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ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.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
Benzophenone	15.980	4.0	ng/ul	742447	3	14.604	3708040	20.0
n-Hexadecanoic ...	18.233	5.7	ng/ul	1329280	4	17.369	4678540	20.0
(DEL) Alkane: S...	21.157	7.7	ng/ul	2105170	5	21.474	5455060	20.0