LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016112.D
Acq On : 09 Jul 2023 02:39
Operator : MA/JU
Sample : 03350-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : YBW29

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016112.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	24	27	39	rVB	55730	97461	1.62%	0.140%
2	3.799	101	104	123	rBV	499952	1004905	16.75%	1.443%
3	4.111	155	157	164	rVB4	17024	24580	0.41%	0.035%
4	5.064	315	319	322	rBV4	5901	7429	0.12%	0.011%
5	7.228	679	687	702	rBV	350133	1251842	20.86%	1.797%
6	7.352	702	708	716	rBV	448475	844673	14.08%	1.213%
7	7.558	737	743	765	rBV	553470	1367559	22.79%	1.963%
8	8.016	813	821	847	rBV	647703	1840611	30.68%	2.642%
9	8.781	944	951	990	rBV	459041	1808475	30.14%	2.596%
10	9.228	1020	1027	1058	rBV	471033	1444415	24.07%	2.074%
11	9.969	1144	1153	1180	rBV2	263827	1192311	19.87%	1.712%
12	10.563	1246	1254	1290	rBV	302015	1632668	27.21%	2.344%
13	10.852	1295	1303	1324	rVB	1070227	2861521	47.69%	4.108%
14	11.057	1331	1338	1374	rBV	326189	1531319	25.52%	2.198%
15	12.028	1501	1503	1508	rVB6	6332	10436	0.17%	0.015%
16	12.522	1581	1587	1596	rBV10	8131	24494	0.41%	0.035%
17	13.557	1758	1763	1771	rBV3	19065	40665	0.68%	0.058%
18	14.016	1836	1841	1845	rBV8	5154	9410	0.16%	0.014%
19	14.099	1848	1855	1887	rVV	1243778	3042743	50.71%	4.368%
20	14.369	1894	1901	1927	rVV2	1953281	3483776	58.07%	5.001%
21	14.669	1945	1952	1971	rBV	2409255	4378593	72.98%	6.286%
22	15.046	2008	2016	2053	rBV5	106149	890442	14.84%	1.278%
23	15.440	2081	2083	2088	rVB4	11025	15438	0.26%	0.022%
24	15.498	2090	2093	2101	rVB7	10837	23886	0.40%	0.034%
25	15.681	2117	2124	2144	rBV	1993492	4389234	73.16%	6.301%
26	15.887	2152	2159	2183	rBV2	179287	927499	15.46%	1.332%
27	16.057	2183	2188	2199	rVB	468634	780780	13.01%	1.121%
28	16.322	2230	2233	2236	rBV3	9492	10255	0.17%	0.015%
29	16.563	2270	2274	2276	rBV5	3895	6041	0.10%	0.009%
30	16.604	2276	2281	2289	rVV	84441	136233	2.27%	0.196%
31	16.751	2304	2306	2311	rVB5	8176	8860	0.15%	0.013%
32	16.869	2324	2326	2330	rVB5	7574	8540	0.14%	0.012%
33	16.922	2332	2335	2339	rVB5	8215	9469	0.16%	0.014%
34	17.098	2362	2365	2370	rBV7	11105	16092	0.27%	0.023%
35	17.145	2370	2373	2377	rVB6	9099	13138	0.22%	0.019%
36	17.187	2377	2380	2384	rBV5	8878	12118	0.20%	0.017%

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : SVOA CALIBRATION

37	17.234	2384	2388	2395	rVB4	11926	22434	0.37%	0.032%
38	17.328	2401	2404	2408	rBV6	8281	13647	0.23%	0.020%
39	17.434	2414	2422	2435	rBV	3366921	5532115	92.21%	7.942%
40	17.551	2435	2442	2467	rVV	1816631	4921427	82.03%	7.065%
41	17.716	2467	2470	2479	rVB2	31743	64361	1.07%	0.092%
42	18.292	2563	2568	2579	rBV	367574	782165	13.04%	1.123%
43	19.351	2745	2748	2752	rBV4	33858	49373	0.82%	0.071%
44	19.522	2773	2777	2783	rBV2	152102	261938	4.37%	0.376%
45	19.775	2814	2820	2848	rBV	2680702	5999754	100.00%	8.613%
46	20.233	2896	2898	2902	rBV2	46249	54343	0.91%	0.078%
47	20.722	2978	2981	2983	rBV	67694	68756	1.15%	0.099%
48	21.169	3055	3057	3060	rBV	76032	79557	1.33%	0.114%
49	21.222	3061	3066	3078	rVV3	451272	1138272	18.97%	1.634%
50	21.539	3115	3120	3131	rBV2	2503855	5756904	95.95%	8.265%
51	23.898	3515	3521	3541	rVB2	1803067	4422064	73.70%	6.348%
52	24.069	3543	3550	3573	rVB	1610273	5342018	89.04%	7.669%

Sum of corrected areas: 69657039

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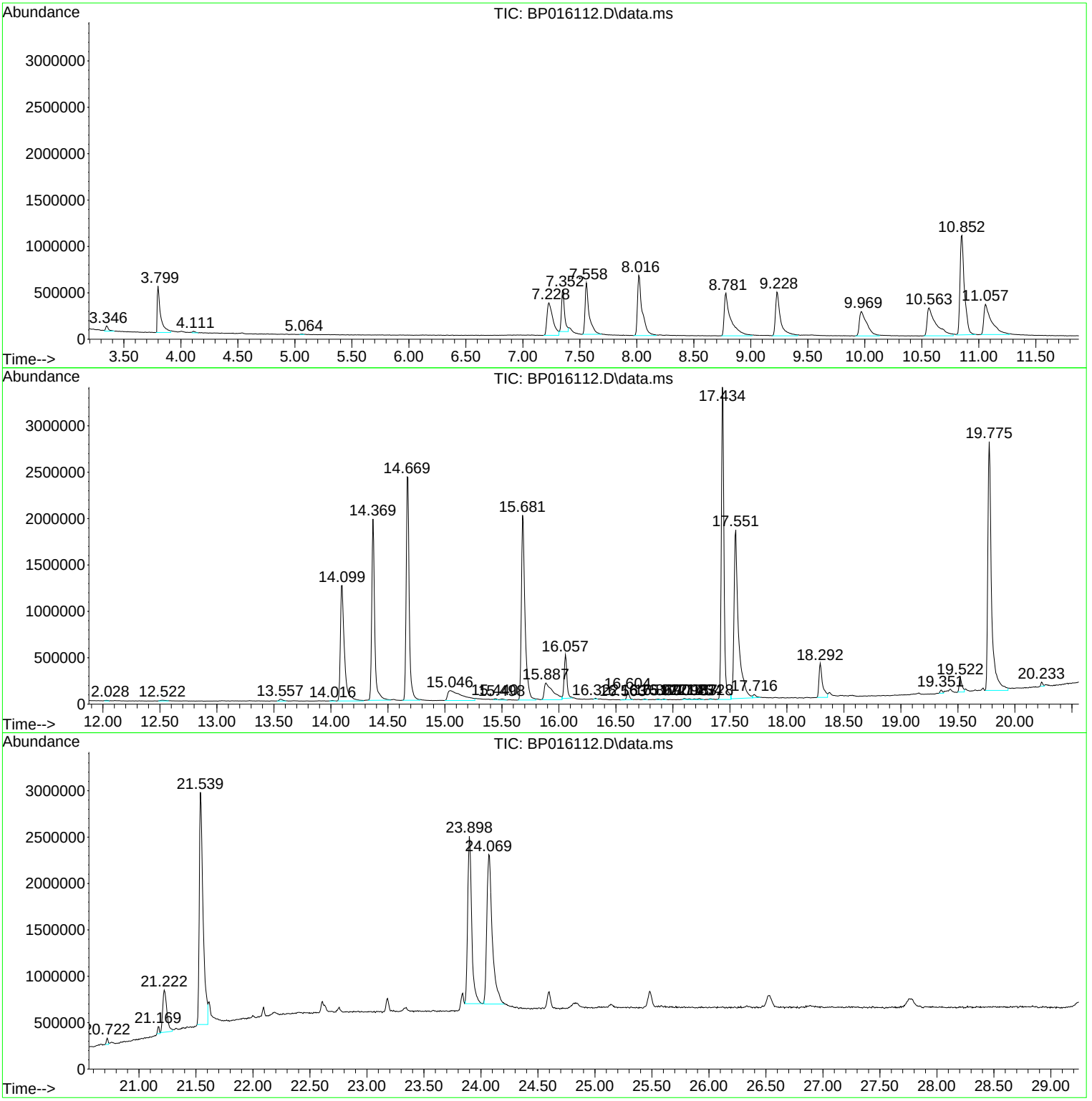
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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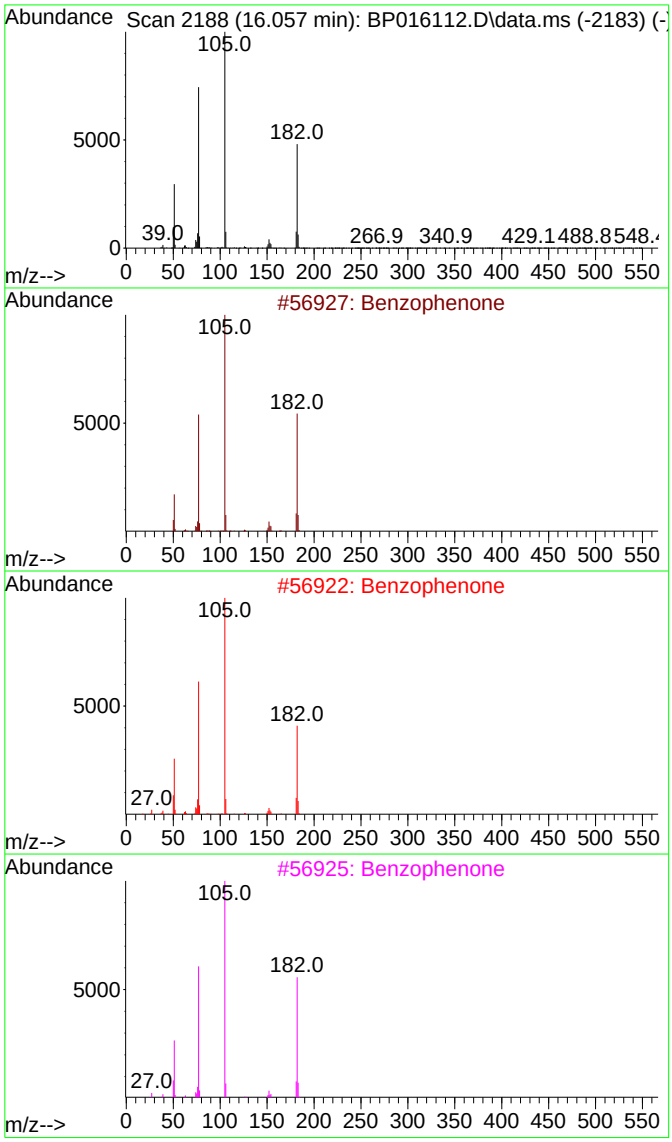
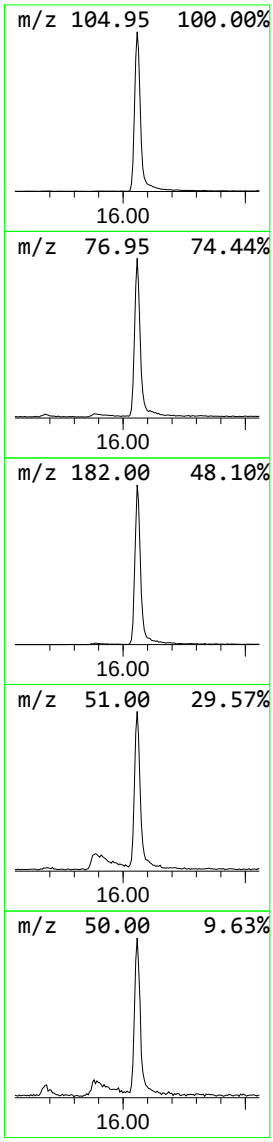
Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	2.82 ng/ul	780780	Phenanthrene-d10	17.434

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	86





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

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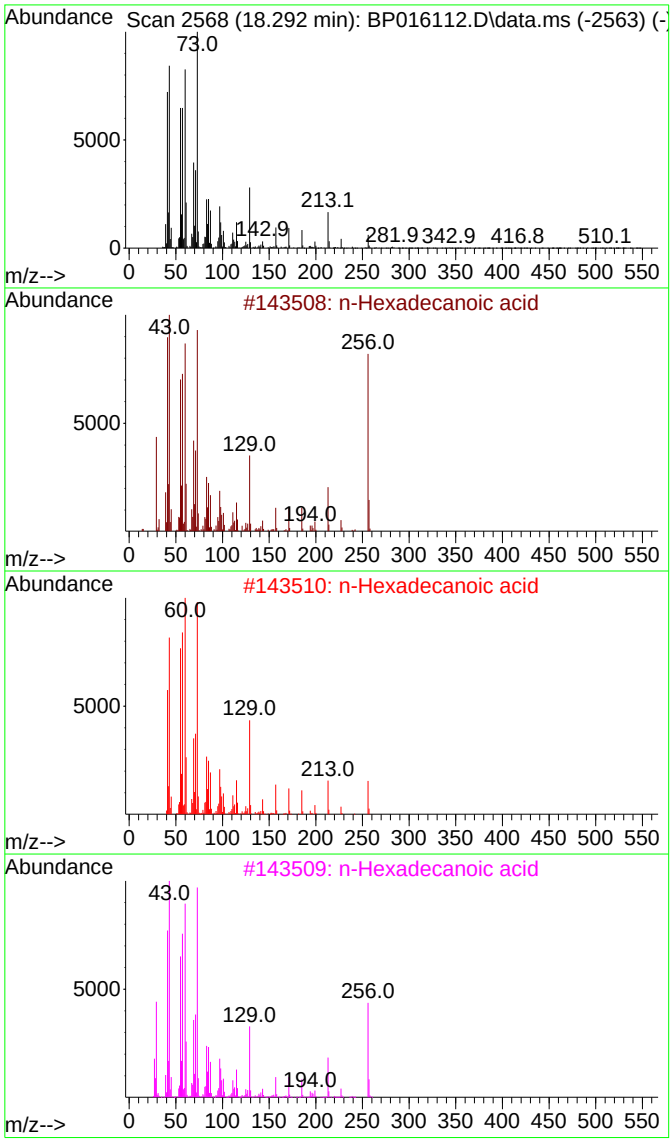
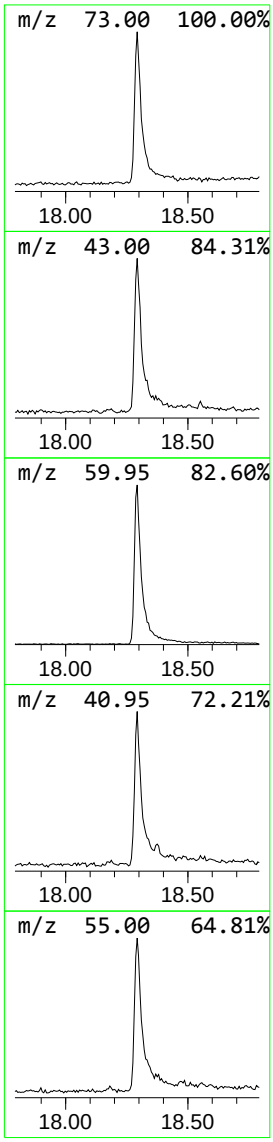
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	2.83 ng/ul	782165	Phenanthrene-d10	17.434

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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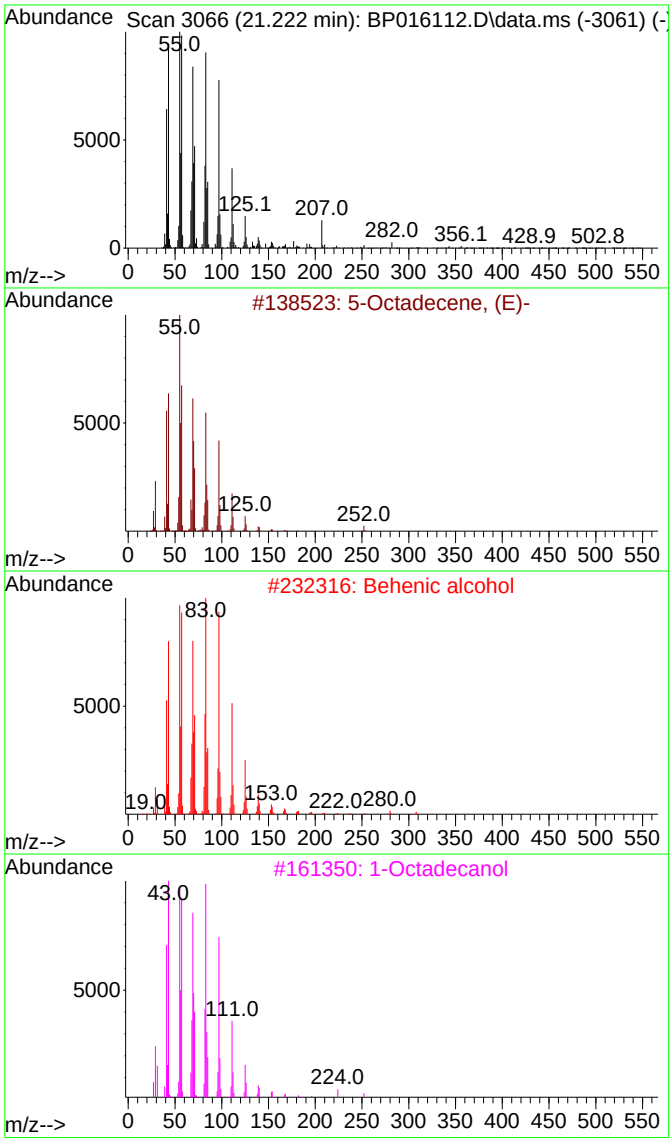
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

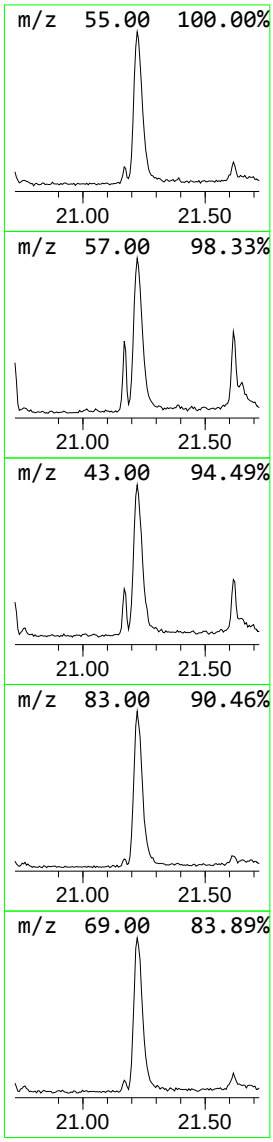
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.222	3.95 ng/ul	1138270	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Octadecanol	270	C18H38O	000112-92-5	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





Tentatively Identified Compound (LSC) summary

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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	16.057	2.8	ng/ul	780780	4	17.434	5532120	20.0
n-Hexadecanoic ...	18.292	2.8	ng/ul	782165	4	17.434	5532120	20.0
(DEL) Alkane: S...	21.222	4.0	ng/ul	1138270	5	21.539	5756900	20.0