LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016171.D
Acq On : 10 Jul 2023 23:46
Operator : MA/JU
Sample : 03404-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW48

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: BP016171.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.340	23	26	34	rVB	61564	87702	1.02%	0.111%
2	3.793	100	103	129	rBV	426014	974289	11.31%	1.232%
3	7.211	677	684	701	rBV	549595	1820539	21.13%	2.303%
4	7.346	701	707	728	rVB	597507	1524732	17.70%	1.929%
5	7.552	735	742	769	rVB	769194	1836201	21.31%	2.322%
6	8.016	814	821	840	rBV	373231	1114702	12.94%	1.410%
7	8.763	942	948	976	rBV	641676	2354397	27.33%	2.978%
8	9.216	1018	1025	1055	rBV	731580	2066073	23.98%	2.613%
9	9.952	1143	1150	1180	rBV	449977	1735453	20.14%	2.195%
10	10.540	1241	1250	1287	rBV2	476508	2460032	28.55%	3.111%
11	10.846	1294	1302	1322	rVB	703263	1766233	20.50%	2.234%
12	11.046	1328	1336	1367	rBV2	408369	1958066	22.73%	2.477%
13	12.463	1569	1577	1579	rBV9	4417	9018	0.10%	0.011%
14	12.510	1580	1585	1586	rBV5	13239	15480	0.18%	0.020%
15	13.269	1711	1714	1719	rBV6	6538	10826	0.13%	0.014%
16	13.546	1755	1761	1772	rVB2	22024	49234	0.57%	0.062%
17	13.669	1778	1782	1789	rBV10	6430	12745	0.15%	0.016%
18	13.998	1832	1838	1843	rBV10	5824	12630	0.15%	0.016%
19	14.081	1844	1852	1884	rVV	1937603	4398415	51.05%	5.563%
20	14.293	1885	1888	1892	rVV2	12554	19871	0.23%	0.025%
21	14.363	1893	1900	1927	rVV	2947242	5196906	60.32%	6.573%
22	14.540	1927	1930	1939	rVB7	15069	29118	0.34%	0.037%
23	14.663	1945	1951	1968	rBV	1461642	2442245	28.35%	3.089%
24	15.016	2002	2011	2059	rBV5	180719	1502096	17.43%	1.900%
25	15.428	2079	2081	2087	rVB5	11201	15399	0.18%	0.019%
26	15.493	2088	2092	2098	rVB6	11710	24980	0.29%	0.032%
27	15.669	2115	2122	2147	rBV	3040732	6582851	76.40%	8.326%
28	15.863	2149	2155	2180	rBV2	359713	1486067	17.25%	1.880%
29	16.045	2180	2186	2204	rVB	880649	1535738	17.82%	1.942%
30	16.263	2220	2223	2227	rBV6	5729	10654	0.12%	0.013%
31	16.310	2228	2231	2234	rVB3	9748	11862	0.14%	0.015%
32	16.463	2253	2257	2261	rVB7	7289	9944	0.12%	0.013%
33	16.592	2274	2279	2287	rBV	190374	294203	3.41%	0.372%
34	16.745	2301	2305	2309	rBV7	6916	11756	0.14%	0.015%
35	16.910	2330	2333	2337	rVB6	7453	9531	0.11%	0.012%
36	17.092	2360	2364	2368	rBV6	14902	23374	0.27%	0.030%

LSC Area Percent Report

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

37	17.128	2368	2370	2374	rVB4	8020	10876	0.13%	0.014%
38	17.322	2399	2403	2410	rBV8	13810	29799	0.35%	0.038%
39	17.428	2413	2421	2433	rBV	1971320	3051841	35.42%	3.860%
40	17.534	2433	2439	2464	rVV2	2804859	7066122	82.01%	8.937%
41	18.034	2520	2524	2527	rBV6	13686	22219	0.26%	0.028%
42	18.169	2544	2547	2554	rVB9	11841	19743	0.23%	0.025%
43	18.228	2554	2557	2560	rBV5	13933	18912	0.22%	0.024%
44	18.286	2561	2567	2578	rBV	635432	1243414	14.43%	1.573%
45	19.345	2743	2747	2750	rBV2	55208	79523	0.92%	0.101%
46	19.422	2757	2760	2769	rVB2	61631	106091	1.23%	0.134%
47	19.510	2771	2775	2788	rBV	239220	502944	5.84%	0.636%
48	19.763	2812	2818	2848	rBV	4041730	8615924	100.00%	10.898%
49	20.228	2894	2897	2900	rBV	74372	81552	0.95%	0.103%
50	20.710	2977	2979	2983	rBV	101134	98484	1.14%	0.125%
51	21.163	3053	3056	3059	rBV	151030	171405	1.99%	0.217%
52	21.216	3059	3065	3076	rVV2	488356	1362709	15.82%	1.724%
53	21.545	3116	3121	3129	rBV2	1341648	2972347	34.50%	3.759%
54	22.080	3209	3212	3218	rVB	181446	229490	2.66%	0.290%
55	23.169	3394	3397	3402	rVB	195470	286963	3.33%	0.363%
56	23.892	3513	3520	3540	rBV2	2562924	6674233	77.46%	8.442%
57	24.069	3545	3550	3579	rVB	830426	3004939	34.88%	3.801%

Sum of corrected areas: 79062892

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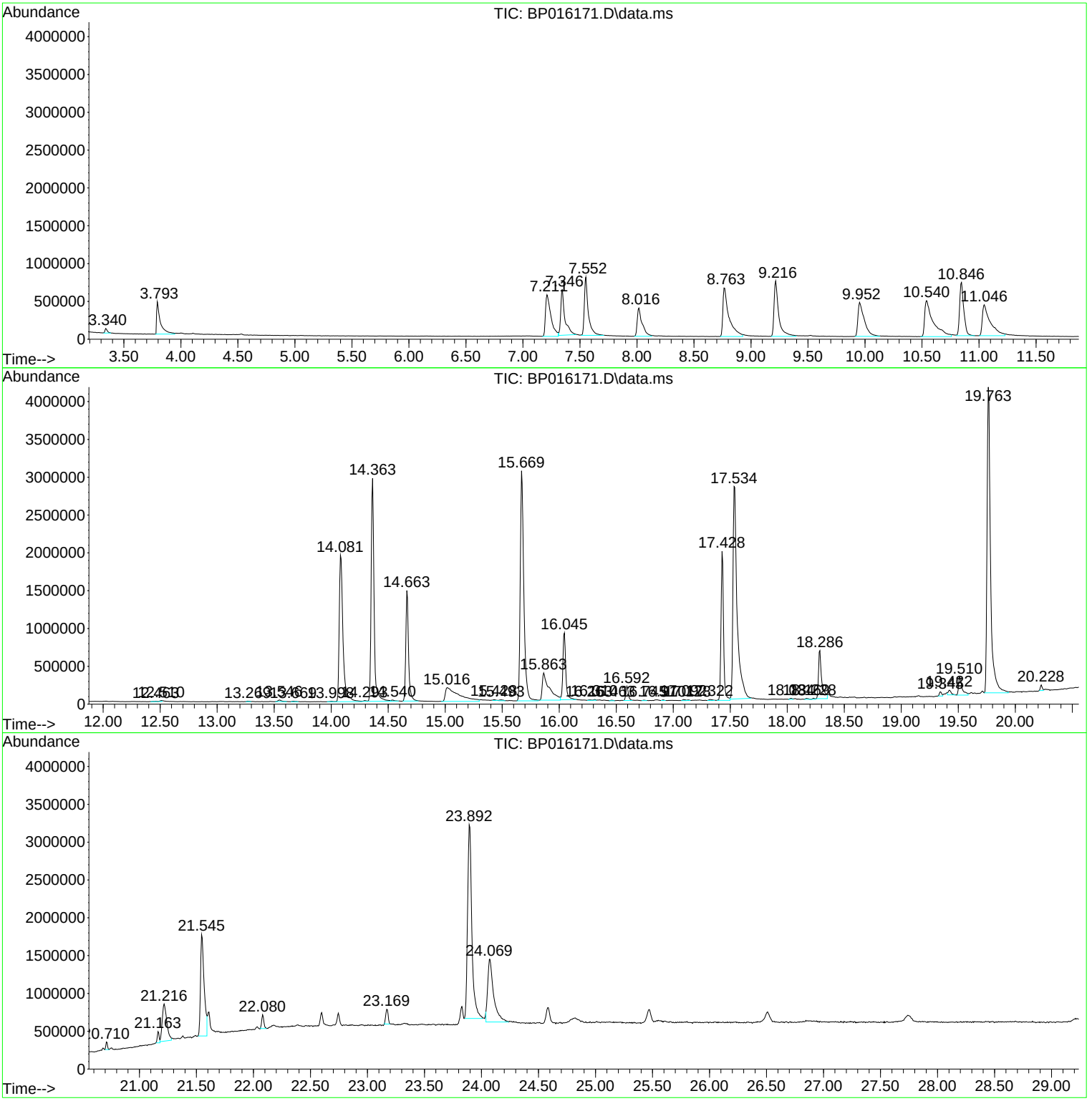
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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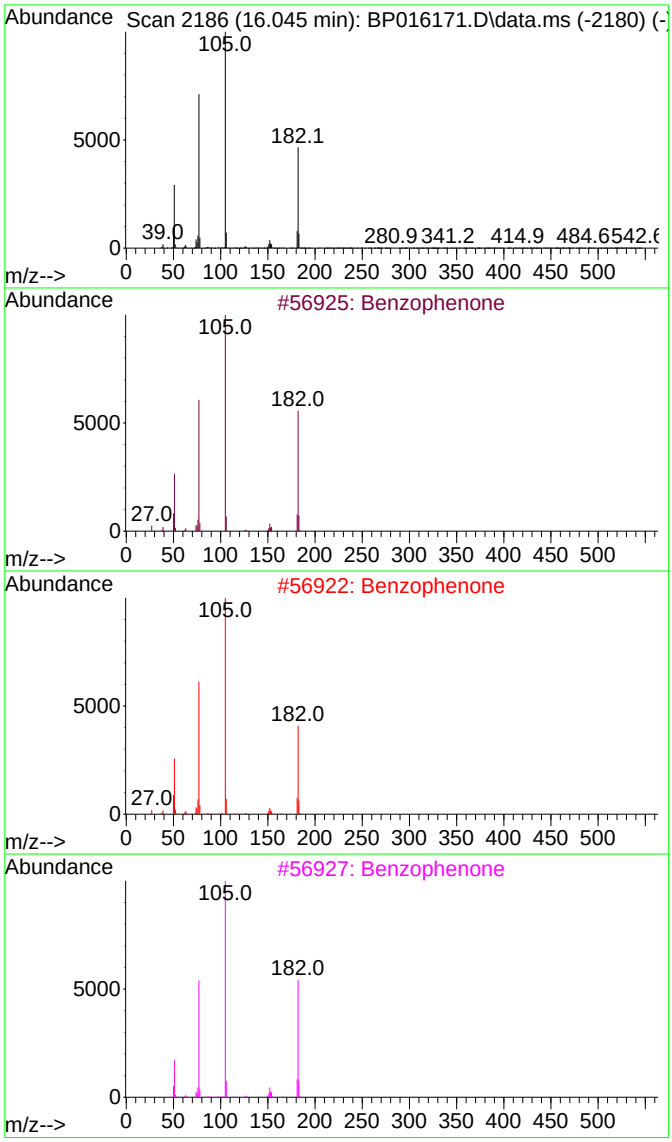
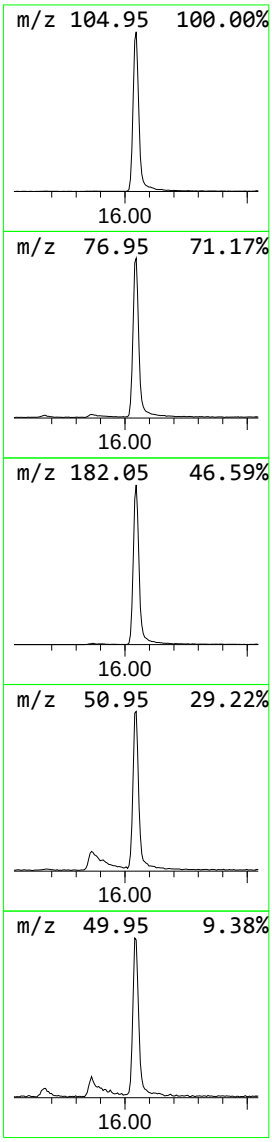
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	10.06 ng/ul	1535740	Phenanthrene-d10	17.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	97
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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BNA_P
ClientSampleId :
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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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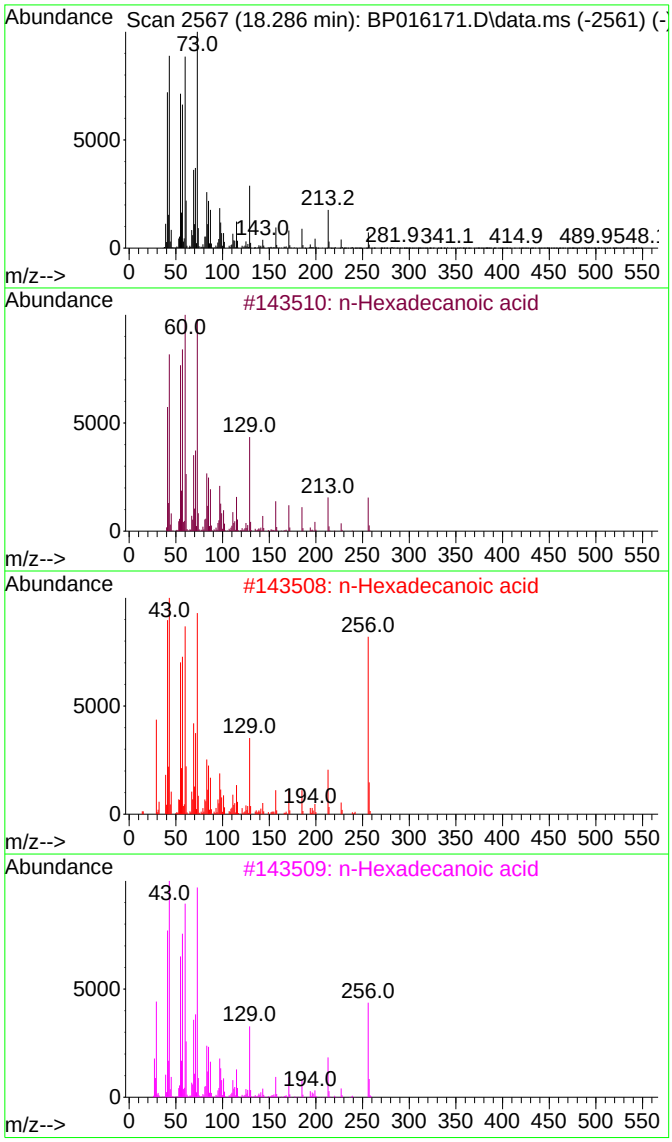
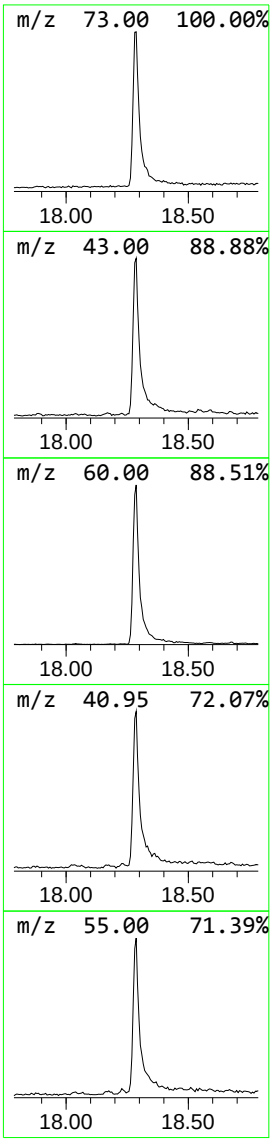
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.287	8.15 ng/ul	1243410	Phenanthrene-d10	17.428

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





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Quant Title : SVOA CALIBRATION

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

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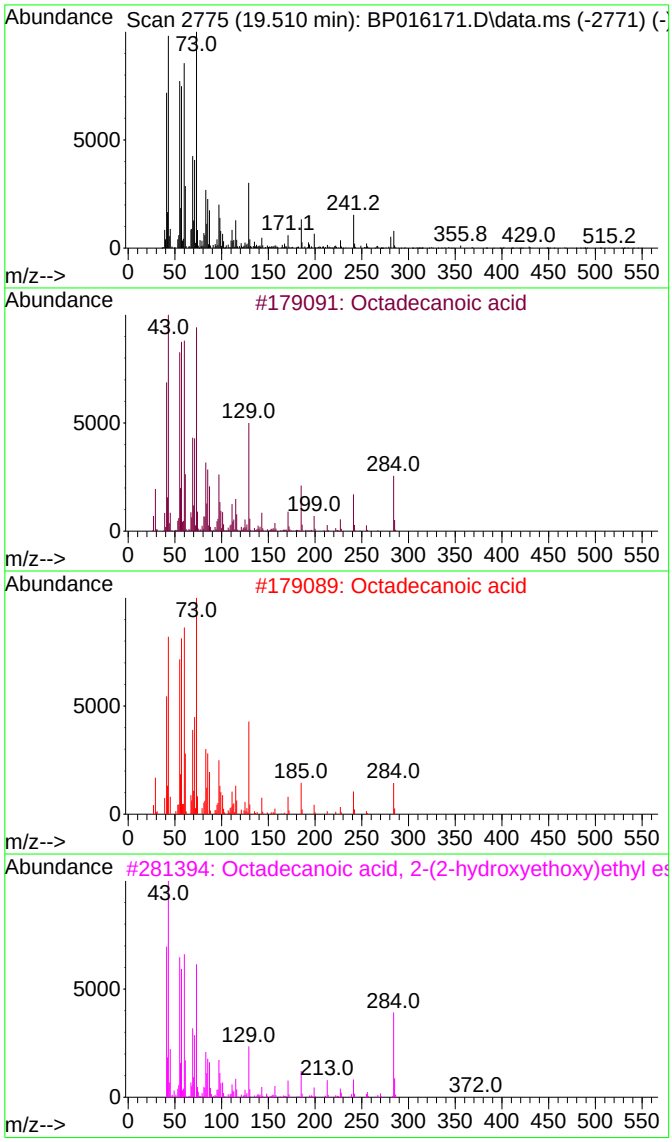
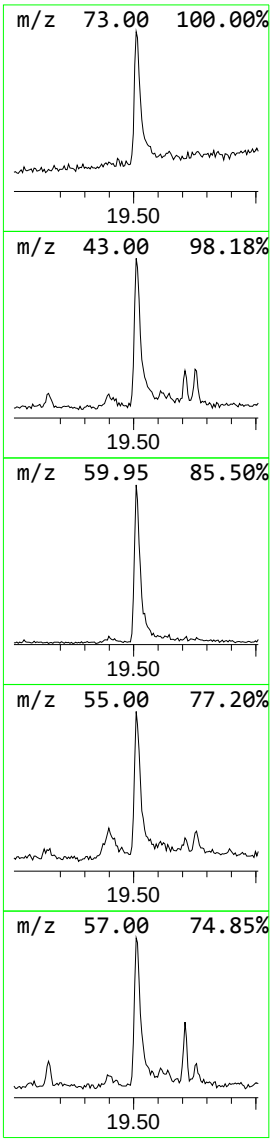
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.510	3.38 ng/ul	502944	Chrysene-d12	21.545

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, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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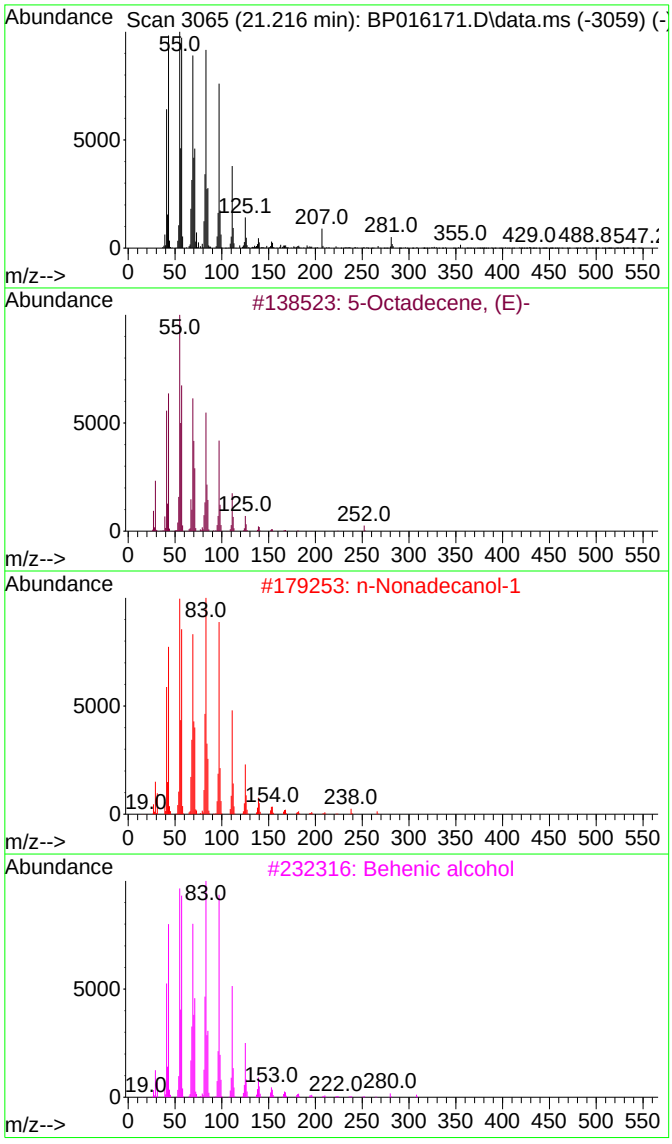
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

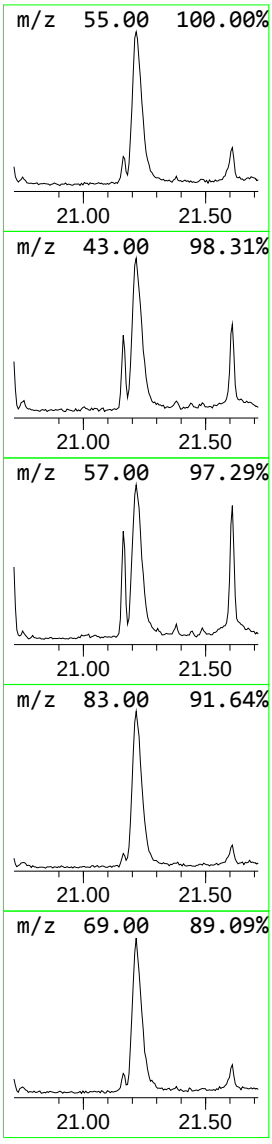
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.216	9.17 ng/ul	1362710	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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	16.045	10.1	ng/ul	1535740	4	17.428	3051840	20.0
n-Hexadecanoic ...	18.287	8.2	ng/ul	1243410	4	17.428	3051840	20.0
Octadecanoic acid	19.510	3.4	ng/ul	502944	5	21.545	2972350	20.0
(DEL) Alkane: S...	21.216	9.2	ng/ul	1362710	5	21.545	2972350	20.0