LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016158.D
Acq On : 10 Jul 2023 14:42
Operator : MA/JU
Sample : 03404-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW40

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: BP016158.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	23	27	36	rVB	41271	64399	0.72%	0.090%
2	3.793	101	103	124	rBV	350792	813886	9.12%	1.133%
3	4.528	224	228	229	rBV4	7602	10133	0.11%	0.014%
4	7.222	678	686	703	rBV2	420315	1474018	16.52%	2.051%
5	7.352	703	708	737	rVV	393642	1170435	13.11%	1.629%
6	7.558	737	743	770	rVB	522848	1352395	15.15%	1.882%
7	8.022	816	822	845	rBV	219137	785662	8.80%	1.093%
8	8.775	942	950	986	rBV	583242	2277654	25.52%	3.170%
9	9.222	1019	1026	1057	rBV	520582	1639586	18.37%	2.282%
10	9.963	1144	1152	1179	rBV	379893	1477468	16.55%	2.056%
11	10.546	1243	1251	1287	rBV	438381	2269947	25.43%	3.159%
12	10.852	1296	1303	1322	rVB	462827	1230723	13.79%	1.713%
13	11.046	1327	1336	1371	rBV	424479	2054303	23.02%	2.859%
14	12.522	1580	1587	1595	rBV4	11684	32222	0.36%	0.045%
15	12.975	1659	1664	1667	rBV7	4875	10463	0.12%	0.015%
16	13.546	1754	1761	1767	rBV4	15337	37885	0.42%	0.053%
17	13.863	1810	1815	1816	rBV5	6223	10281	0.12%	0.014%
18	14.081	1846	1852	1879	rBV	1976819	4513445	50.57%	6.281%
19	14.363	1893	1900	1926	rBV2	2865096	5183924	58.09%	7.214%
20	14.669	1945	1952	1967	rBV	1012354	1768525	19.82%	2.461%
21	15.010	1998	2010	2053	rBV4	217277	1677814	18.80%	2.335%
22	15.434	2080	2082	2087	rVB6	11380	14347	0.16%	0.020%
23	15.498	2089	2093	2098	rVB7	11431	19726	0.22%	0.027%
24	15.675	2116	2123	2140	rBV	3001902	6701626	75.09%	9.327%
25	15.863	2149	2155	2181	rBV	442098	1843713	20.66%	2.566%
26	16.045	2181	2186	2208	rVB	453202	824831	9.24%	1.148%
27	16.310	2229	2231	2235	rVB3	10004	11144	0.12%	0.016%
28	16.610	2278	2282	2284	rBV5	8142	10421	0.12%	0.015%
29	16.751	2301	2306	2313	rBV5	7306	13824	0.15%	0.019%
30	16.916	2331	2334	2339	rVB7	8133	12638	0.14%	0.018%
31	17.098	2360	2365	2369	rBV7	12866	23633	0.26%	0.033%
32	17.434	2412	2422	2433	rBV	1413384	2204004	24.70%	3.067%
33	17.539	2433	2440	2468	rVV	3007881	7507988	84.13%	10.449%
34	18.286	2562	2567	2579	rBV	315253	710655	7.96%	0.989%
35	19.139	2707	2712	2719	rBV5	46664	85382	0.96%	0.119%
36	19.345	2743	2747	2751	rBV3	64171	95299	1.07%	0.133%

LSC Area Percent Report

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Sample : 03404-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
YBW40

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

37	19.428	2759	2761	2771	rVB	62204	79029	0.89%	0.110%
38	19.516	2772	2776	2782	rBV	156927	251610	2.82%	0.350%
39	19.763	2813	2818	2842	rBV2	4107161	8924609	100.00%	12.420%
40	20.228	2894	2897	2902	rBV	70340	95363	1.07%	0.133%
41	20.716	2977	2980	2983	rBV	87341	85713	0.96%	0.119%
42	21.169	3054	3057	3060	rBV	122694	128931	1.44%	0.179%
43	21.222	3061	3066	3077	rVV4	323130	874904	9.80%	1.218%
44	21.557	3118	3123	3130	rBV	894930	2035514	22.81%	2.833%
45	23.833	3506	3510	3514	rBV	183227	305488	3.42%	0.425%
46	23.898	3514	3521	3543	rVV2	2658021	7303388	81.83%	10.164%
47	24.080	3547	3552	3570	rVB	560531	1835691	20.57%	2.555%

Sum of corrected areas: 71854639

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Instrument :
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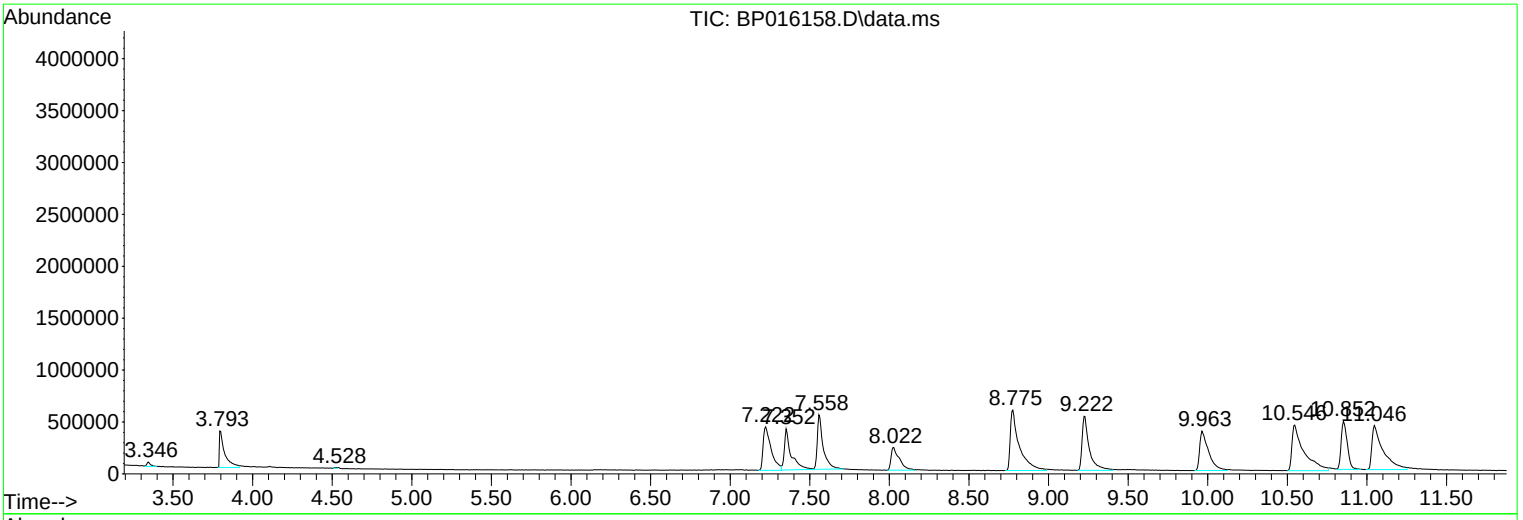
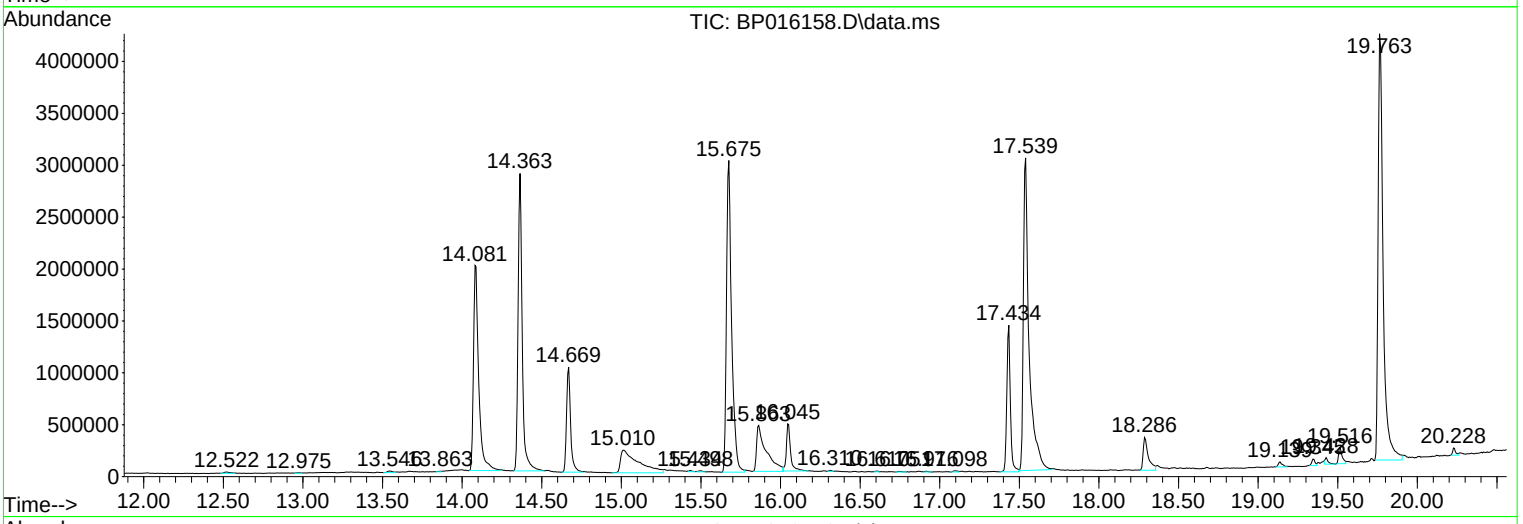
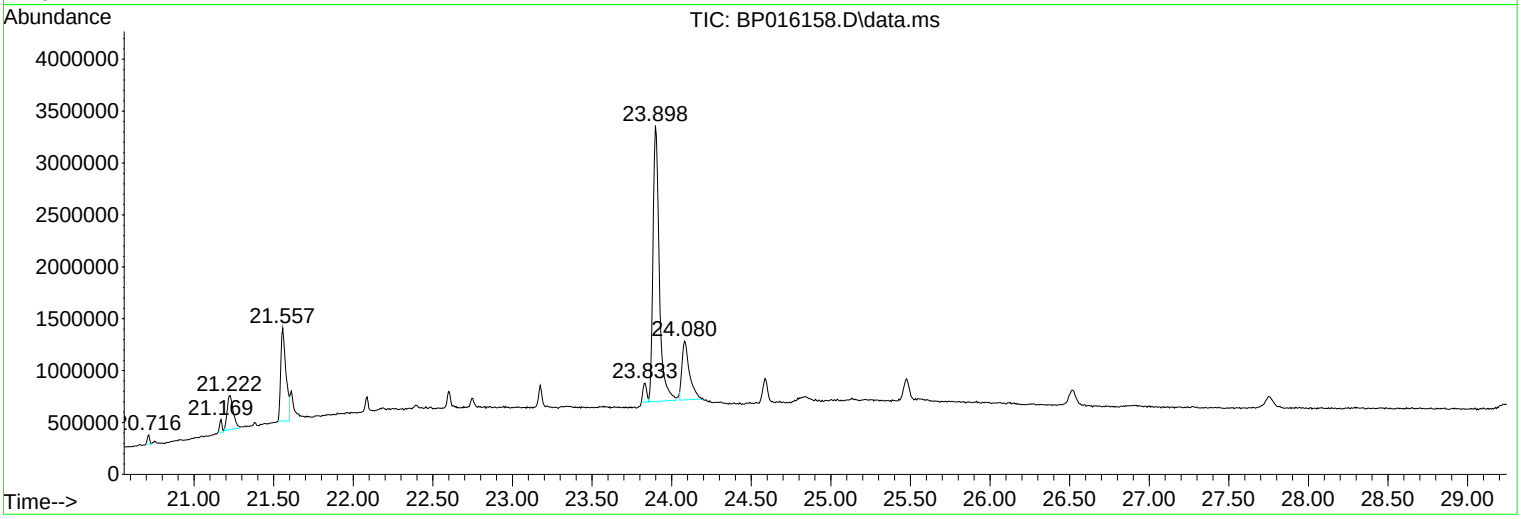
ClientSampleId :
YBW40

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016158.D
Acq On : 10 Jul 2023 14:42
Operator : MA/JU
Sample : 03404-02
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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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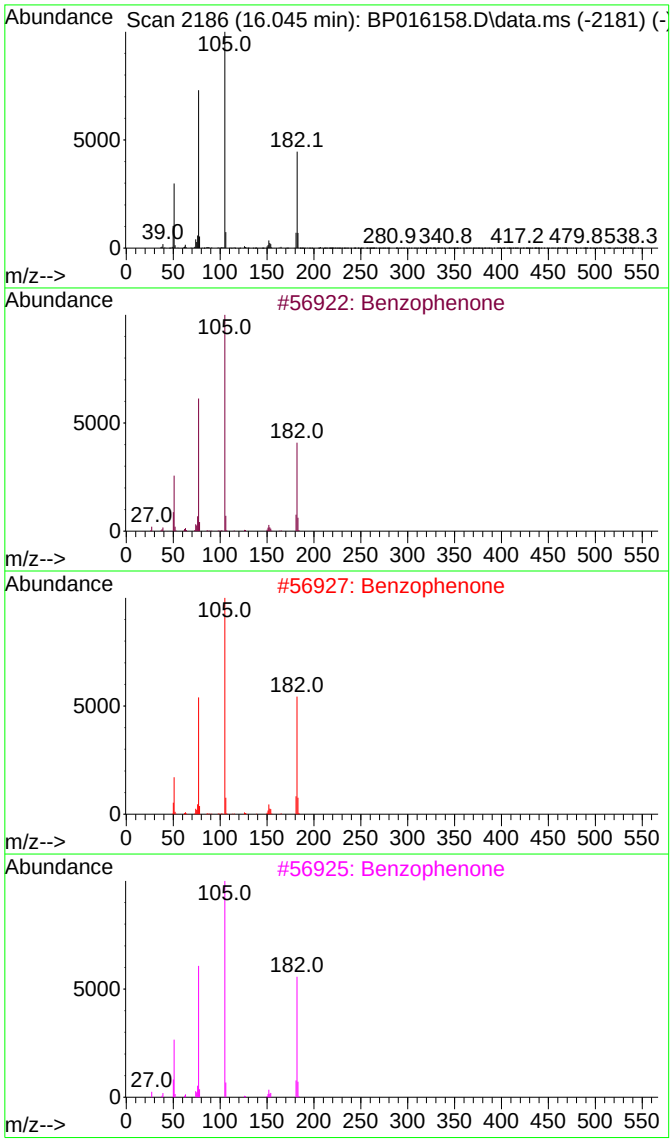
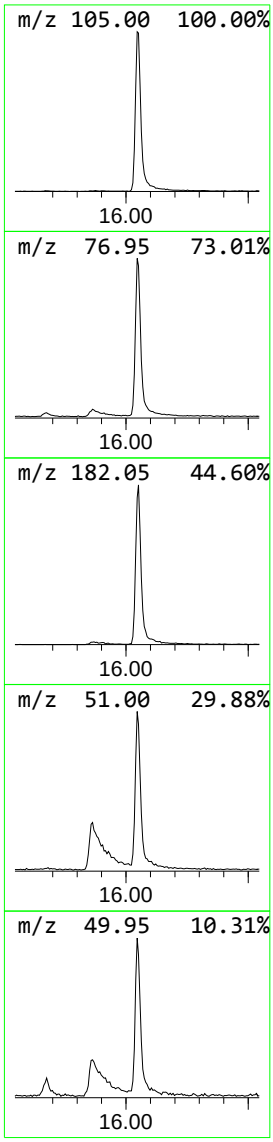
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	9.33 ng/ul	824831	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	90





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Operator : MA/JU
Sample : 03404-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW40

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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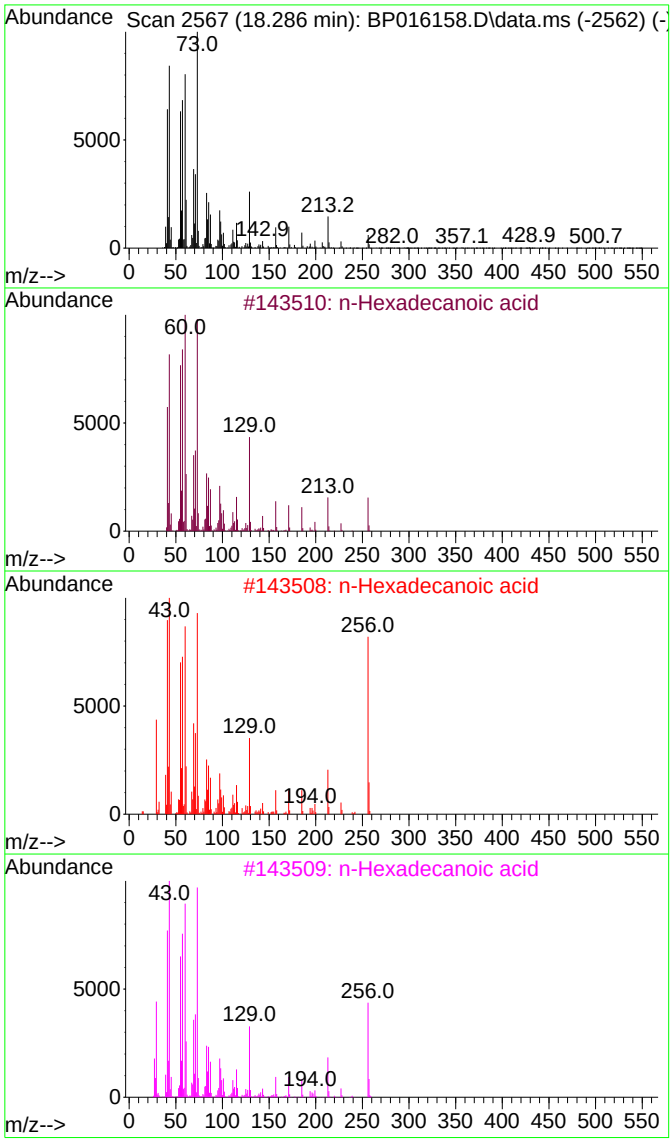
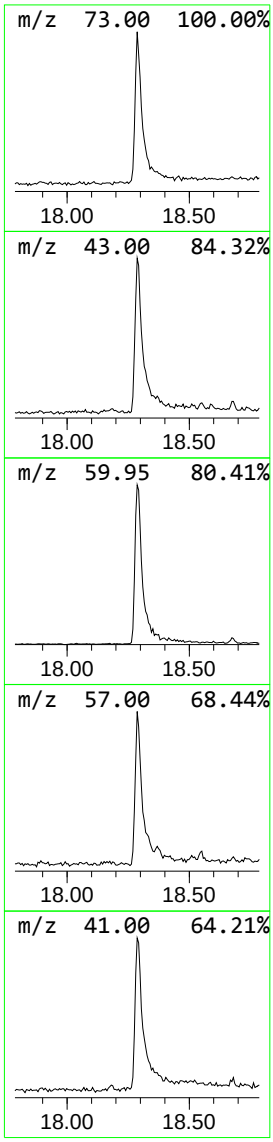
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.287	6.45 ng/ul	710655	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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016158.D
Acq On : 10 Jul 2023 14:42
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Sample : 03404-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW40

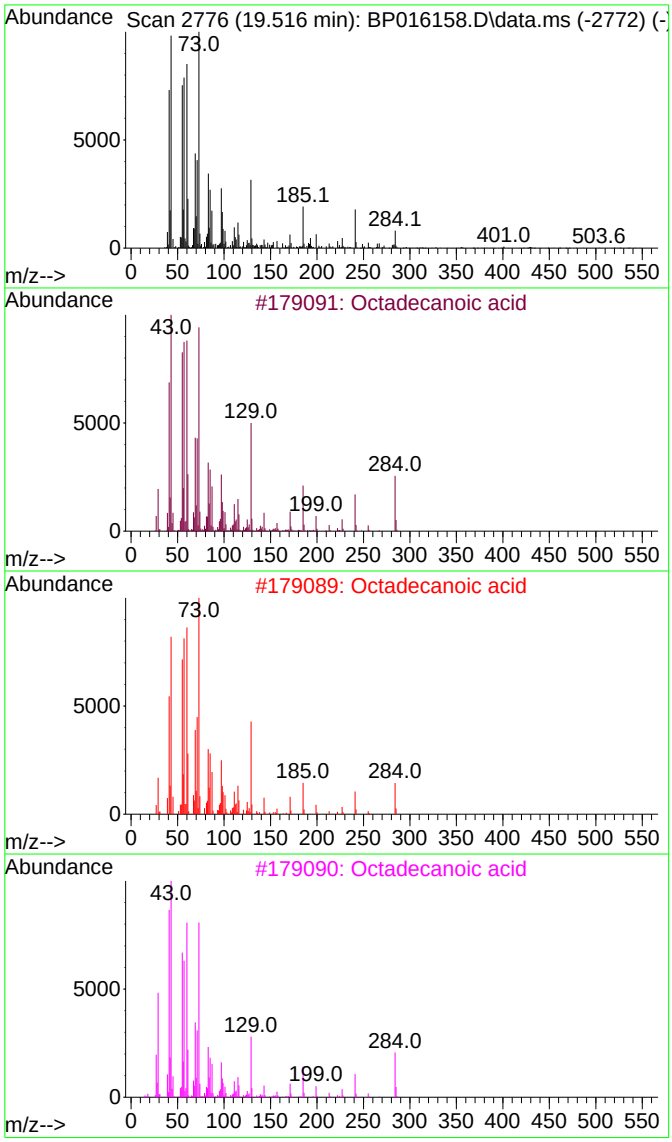
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

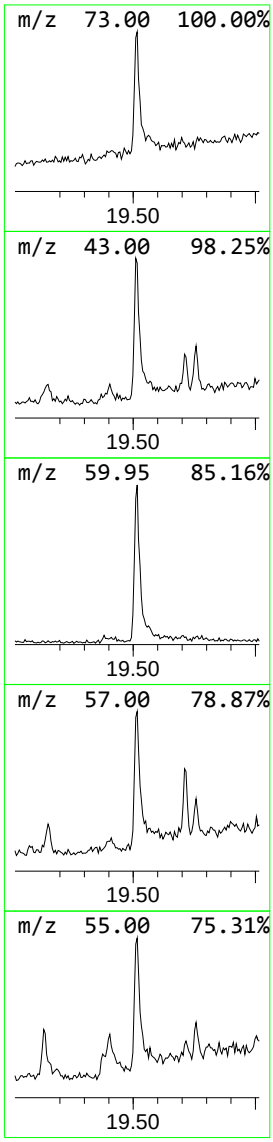
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.516	2.47 ng/ul	251610	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016158.D
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Sample : 03404-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW40

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

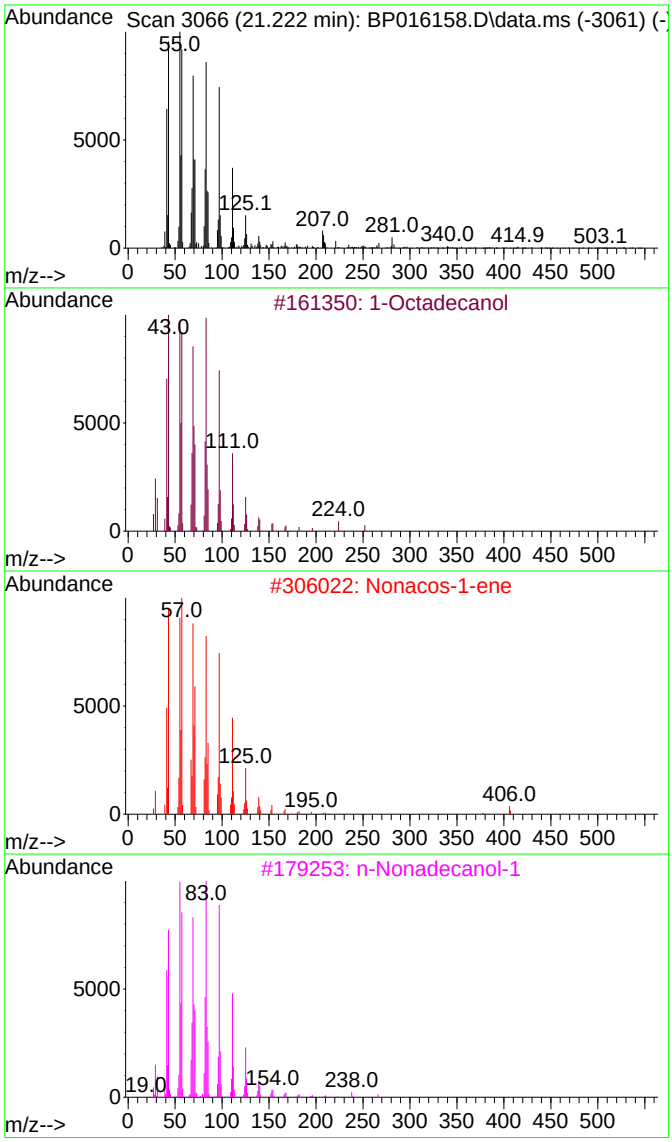
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

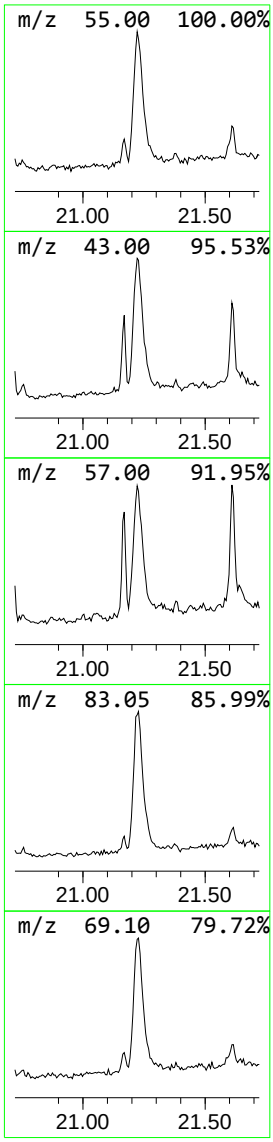
****

Peak Number 4 1-Octadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.222	8.60 ng/ul	874904	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	94
2	Nonacos-1-ene	406	C29H58	018835-35-3	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





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Data File : BP016158.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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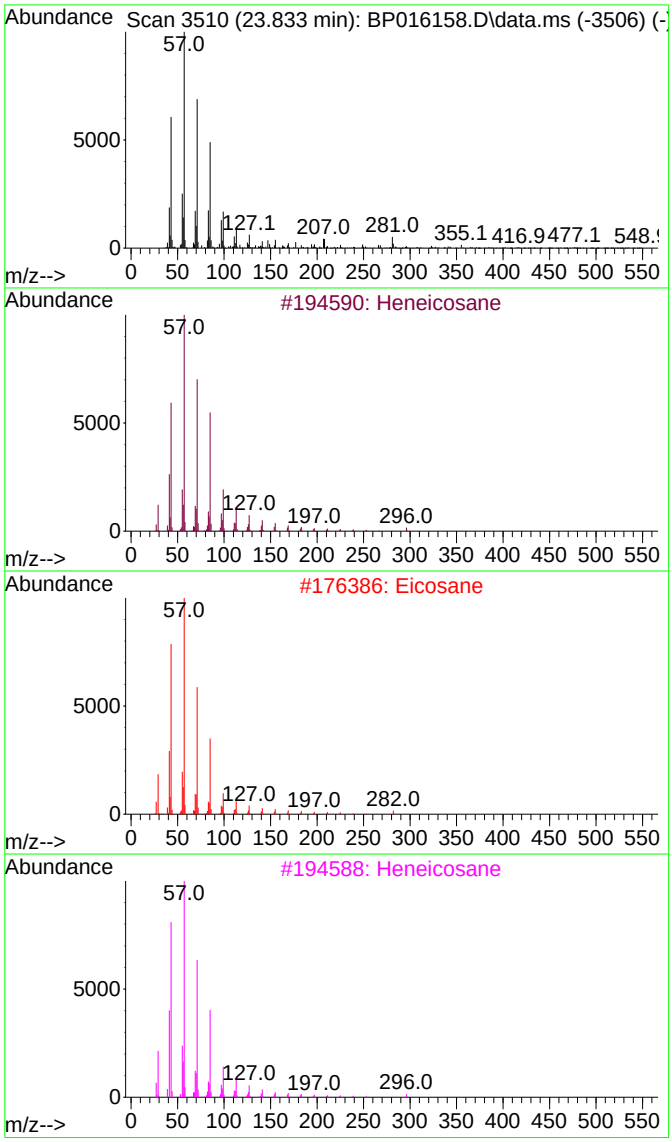
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

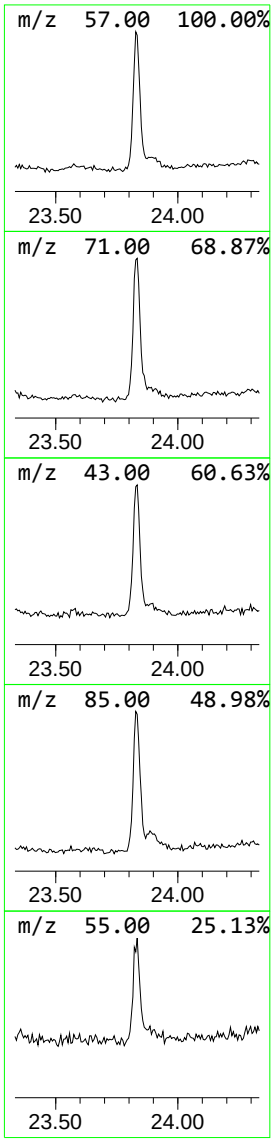
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.833	3.33 ng/ul	305488	Perylene-d12	24.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane	282	C20H42	000112-95-8	87
5	Tetratetracontane	619	C44H90	007098-22-8	86





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	9.3	ng/ul	824831	3	14.669	1768530	20.0
n-Hexadecanoic ...	18.287	6.5	ng/ul	710655	4	17.434	2204000	20.0
Octadecanoic acid	19.516	2.5	ng/ul	251610	5	21.557	2035510	20.0
1-Octadecanol	21.222	8.6	ng/ul	874904	5	21.557	2035510	20.0
(DEL) Alkane: S...	23.833	3.3	ng/ul	305488	6	24.080	1835690	20.0