LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018827.D
Acq On : 14 Dec 2023 03:42
Operator : MA/JU
Sample : 05677-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0AD7

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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018827.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.228	19	24	27	rBV	102475	142035	1.80%	0.203%
2	3.258	27	29	33	rVV	68170	83957	1.06%	0.120%
3	3.293	33	35	42	rVB	37216	51275	0.65%	0.073%
4	3.681	97	101	110	rBV	319293	465363	5.90%	0.666%
5	3.910	137	140	145	rVB	17823	28172	0.36%	0.040%
6	4.010	153	157	162	rBV	16107	21534	0.27%	0.031%
7	4.540	241	247	258	rVB	434231	650742	8.25%	0.932%
8	5.534	413	416	419	rBV4	7018	9085	0.12%	0.013%
9	6.387	556	561	565	rBV7	4658	8085	0.10%	0.012%
10	6.834	634	637	641	rBV6	5387	8261	0.10%	0.012%
11	7.004	660	666	675	rVB	213524	336106	4.26%	0.481%
12	7.169	688	694	703	rVB	887520	1378857	17.47%	1.974%
13	7.363	720	727	737	rBV	814125	1282786	16.26%	1.837%
14	7.834	799	807	814	rBV	986628	1523356	19.31%	2.181%
15	7.904	816	819	825	rVB	18080	25391	0.32%	0.036%
16	8.187	861	867	872	rBV8	5278	11698	0.15%	0.017%
17	8.546	920	928	938	rBV	604409	948099	12.02%	1.358%
18	8.993	998	1004	1014	rBV	937651	1517046	19.23%	2.172%
19	9.716	1119	1127	1137	rBV	664397	1086113	13.76%	1.555%
20	10.251	1209	1218	1230	rBV	1068981	1779903	22.56%	2.549%
21	10.563	1267	1271	1275	rBV8	4632	8844	0.11%	0.013%
22	10.628	1275	1282	1289	rVV	1198586	1973379	25.01%	2.826%
23	10.769	1299	1306	1317	rBV	970735	1641120	20.80%	2.350%
24	12.057	1517	1525	1527	rVB7	6394	9568	0.12%	0.014%
25	12.216	1545	1552	1557	rBV3	22266	35620	0.45%	0.051%
26	12.416	1581	1586	1589	rBV7	5263	10913	0.14%	0.016%
27	12.845	1652	1659	1660	rBV5	4349	8296	0.11%	0.012%
28	13.086	1696	1700	1706	rVB7	5173	10642	0.13%	0.015%
29	13.292	1733	1735	1742	rVB5	8843	12961	0.16%	0.019%
30	13.369	1742	1748	1754	rBV3	19350	35366	0.45%	0.051%
31	13.433	1754	1759	1765	rVB9	4876	8904	0.11%	0.013%
32	13.881	1829	1835	1849	rVB	2026859	2757406	34.94%	3.948%
33	14.157	1875	1882	1896	rBV	2314091	3336168	42.28%	4.777%
34	14.463	1927	1934	1942	rBV	1653678	2459490	31.17%	3.522%
35	14.669	1963	1969	1981	rBV	116964	232191	2.94%	0.332%
36	14.892	2001	2007	2021	rBV	459594	706746	8.96%	1.012%

LSC Area Percent Report

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Acq On : 14 Dec 2023 03:42
Operator : MA/JU
Sample : 05677-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0AD7

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-BP120123.MA.M
Title : SVOA CALIBRATION

37	15.457	2096	2103	2117	rBV	3203127	4474651	56.71%	6.407%
38	15.575	2117	2123	2133	rBV	749405	1043498	13.22%	1.494%
39	15.692	2140	2143	2154	rVB5	17781	33380	0.42%	0.048%
40	16.157	2216	2222	2226	rBV9	4828	12036	0.15%	0.017%
41	16.427	2264	2268	2273	rBV4	11018	18137	0.23%	0.026%
42	16.627	2295	2302	2319	rBV	1753419	2634909	33.39%	3.773%
43	17.210	2395	2401	2409	rBV	2023996	2835790	35.94%	4.061%
44	17.310	2411	2418	2431	rBV	3703497	5291522	67.06%	7.577%
45	18.110	2548	2554	2575	rBV	2031045	2996224	37.97%	4.290%
46	19.121	2722	2726	2729	rBV3	58987	76701	0.97%	0.110%
47	19.198	2734	2739	2740	rBV2	115599	162253	2.06%	0.232%
48	19.227	2740	2744	2759	rVB	1359277	1808271	22.92%	2.589%
49	19.339	2759	2763	2770	rBV	1028684	1348481	17.09%	1.931%
50	19.545	2790	2798	2804	rBV	5405894	6924815	87.76%	9.916%
51	19.663	2815	2818	2821	rBV3	57713	63481	0.80%	0.091%
52	21.298	3091	3096	3102	rBV	3010146	3667793	46.48%	5.252%
53	23.504	3464	3471	3486	rVB2	3962707	7890939	100.00%	11.299%
54	23.656	3490	3497	3506	rVB	1951430	3946535	50.01%	5.651%

Sum of corrected areas: 69834894

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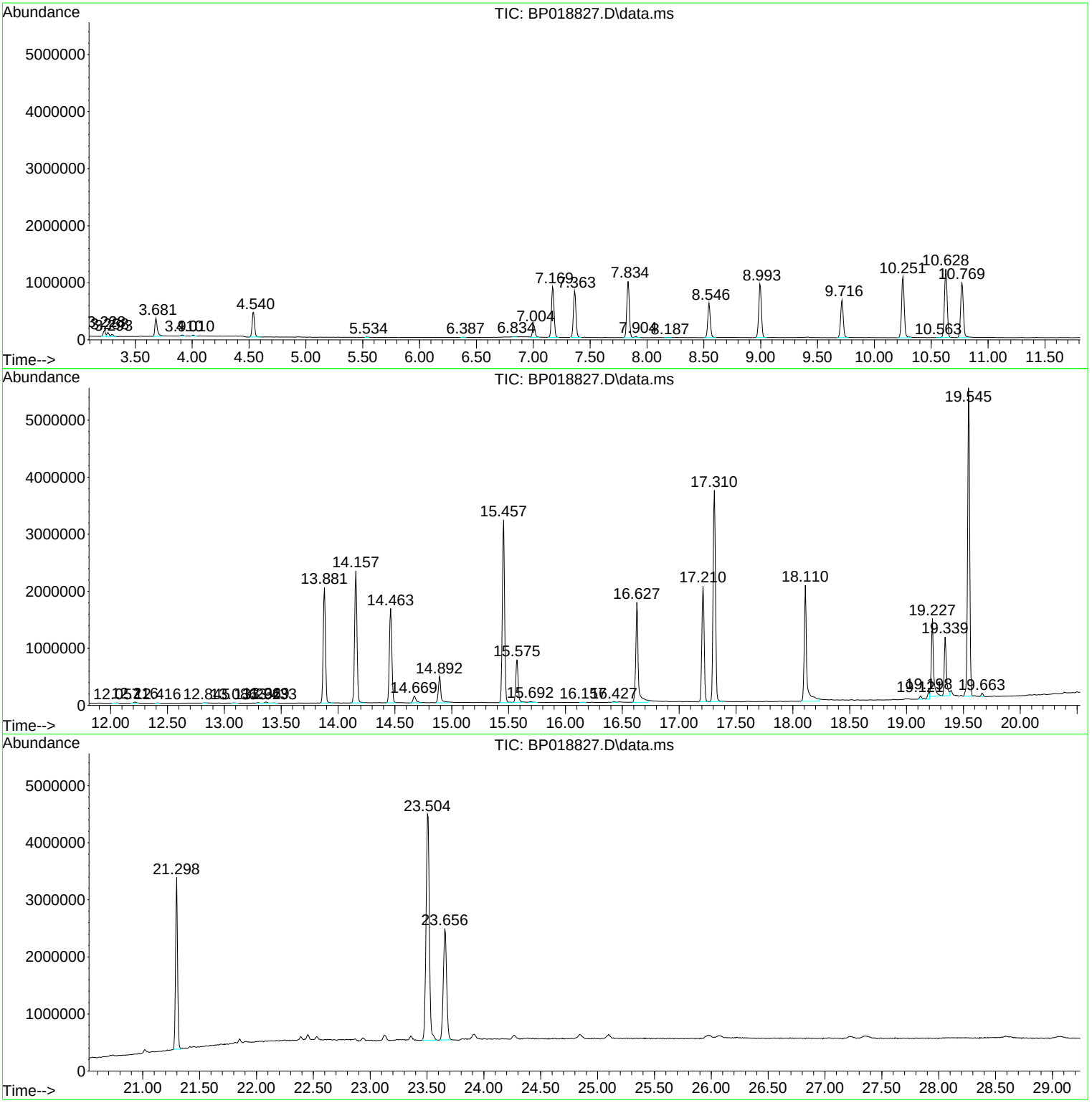
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0AD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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\BP121323\
Data File : BP018827.D
Acq On : 14 Dec 2023 03:42
Operator : MA/JU
Sample : 05677-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0AD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

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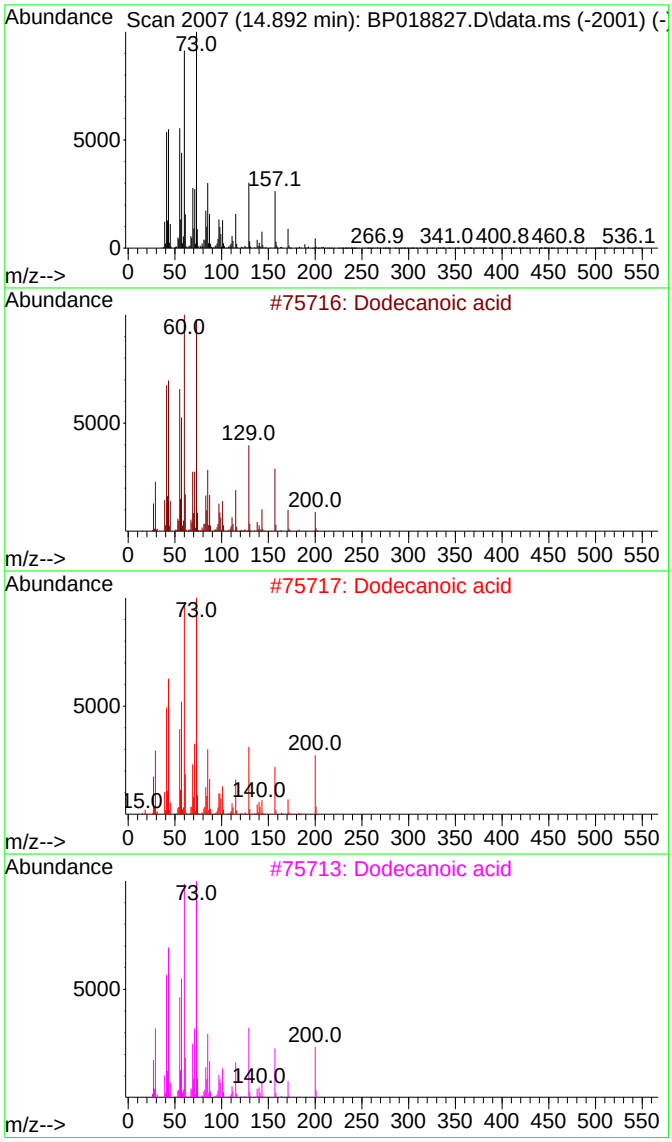
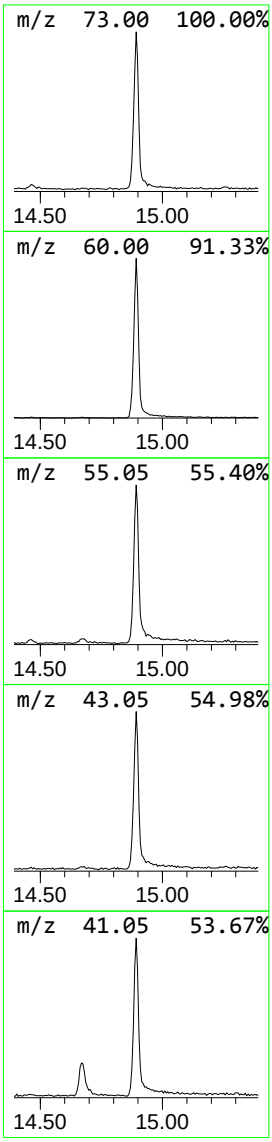
Peak Number 2 Dodecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.892	5.75 ng/ul	706746	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018827.D
Acq On : 14 Dec 2023 03:42
Operator : MA/JU
Sample : 05677-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0AD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

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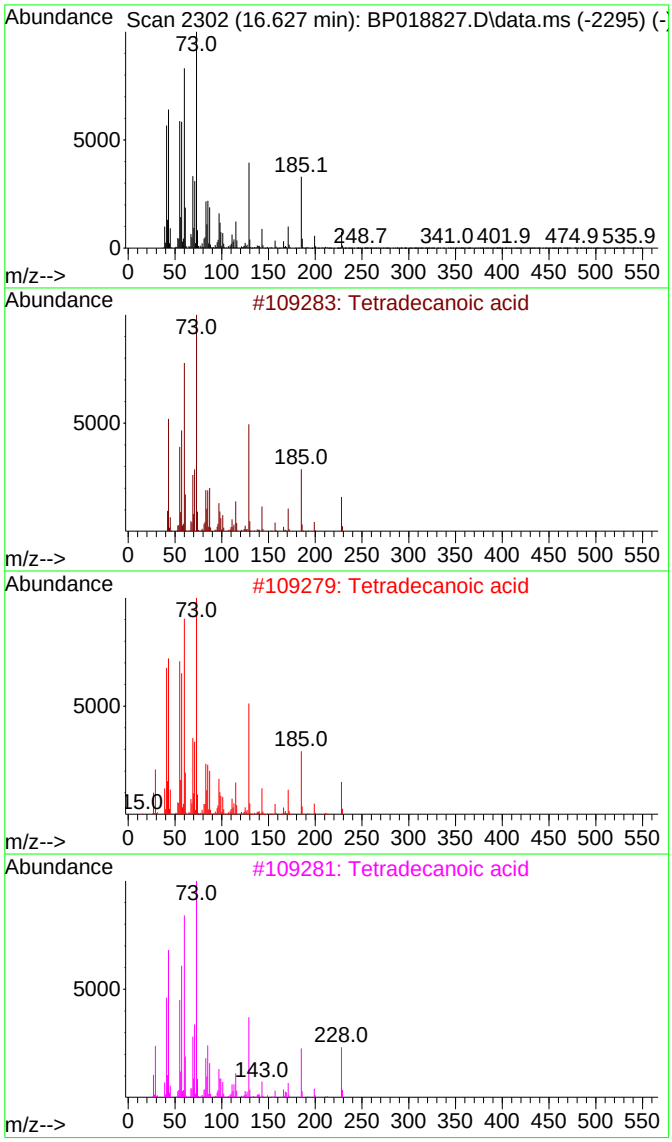
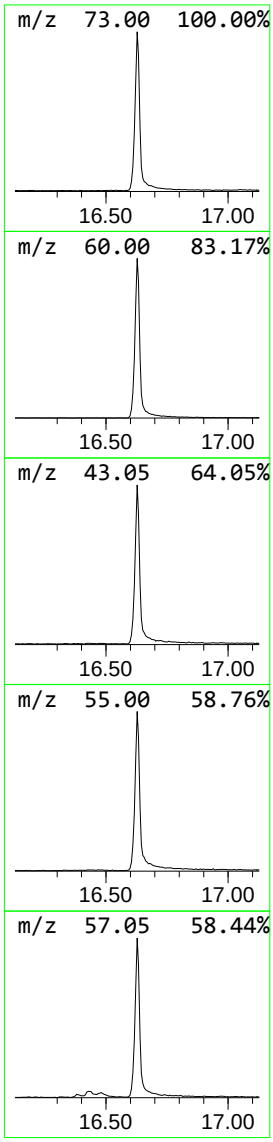
Peak Number 3 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.627	18.58 ng/ul	2634910	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Dodecanoic acid	200	C12H24O2	000143-07-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018827.D
Acq On : 14 Dec 2023 03:42
Operator : MA/JU
Sample : 05677-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0AD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

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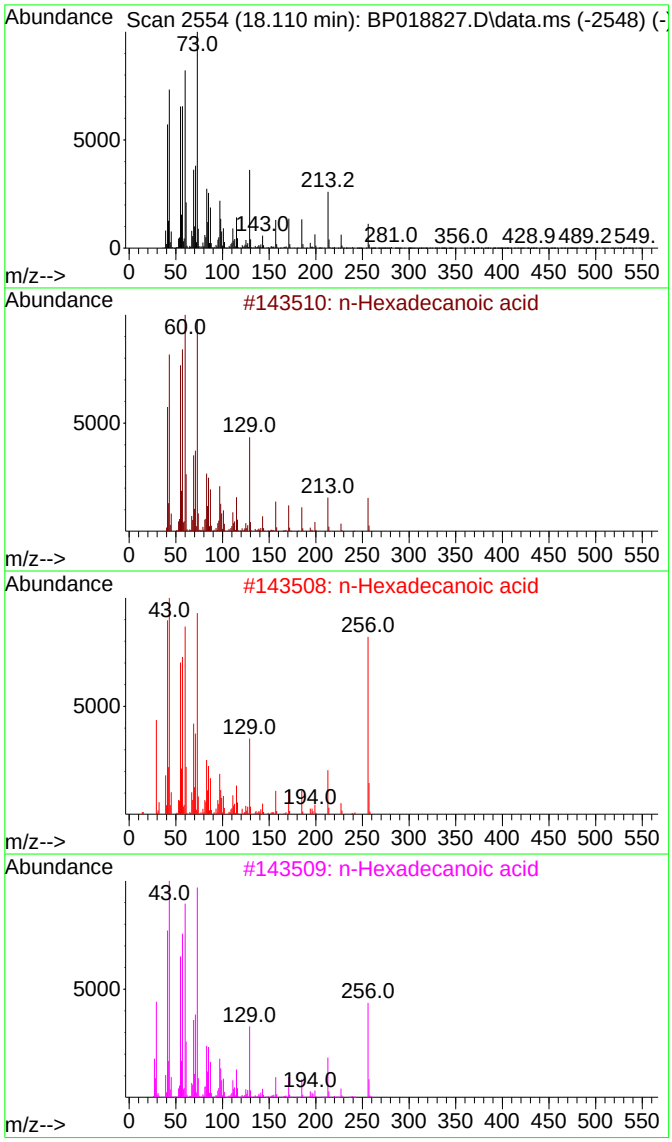
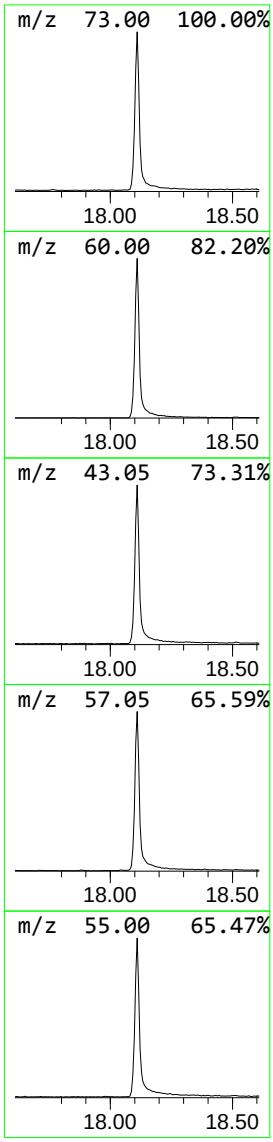
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	21.13 ng/ul	2996220	Phenanthrene-d10	17.210

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
Data File : BP018827.D
Acq On : 14 Dec 2023 03:42
Operator : MA/JU
Sample : 05677-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0AD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

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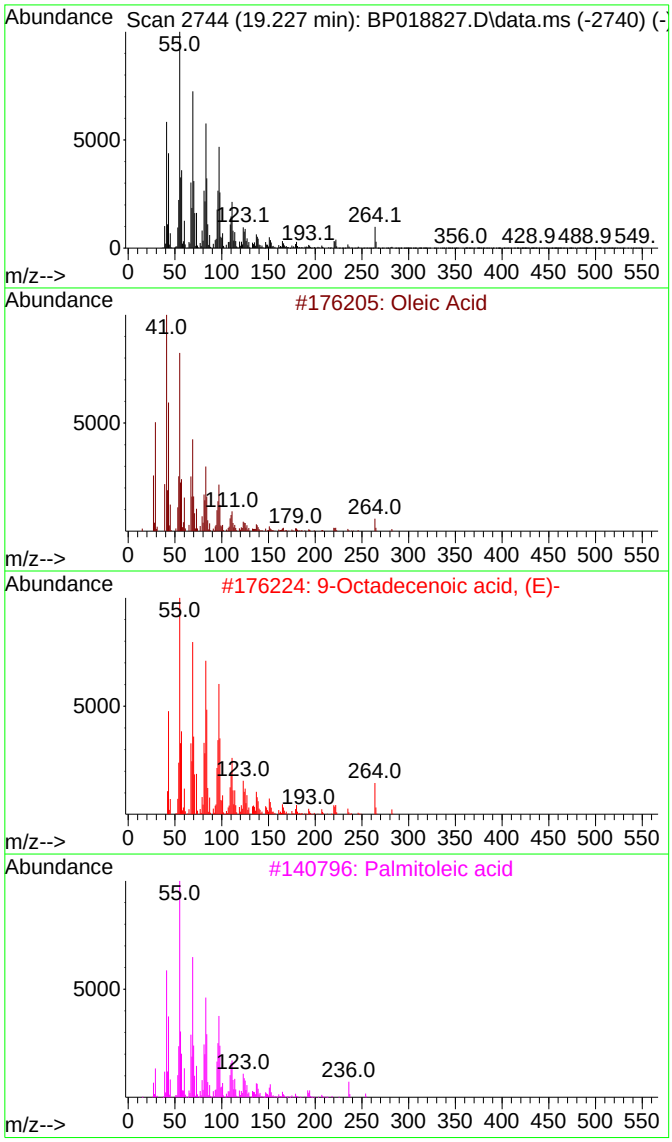
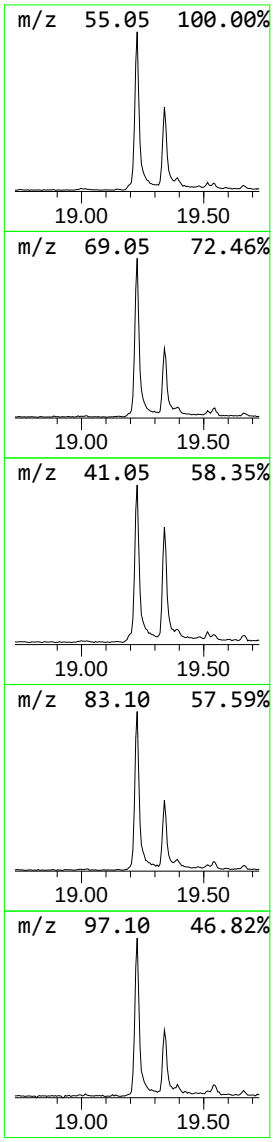
Peak Number 5 Oleic Acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	12.75 ng/ul	1808270	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	94
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	94
3	Palmitoleic acid	254	C16H30O2	000373-49-9	93
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	93
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	91





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Sample : 05677-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
H0AD7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

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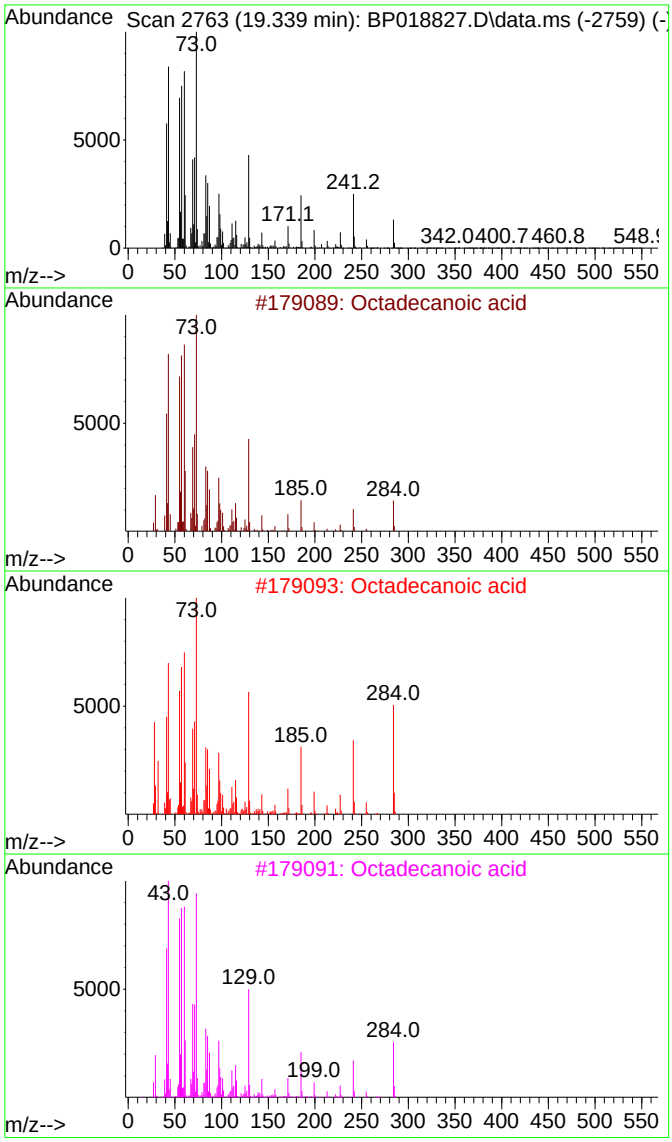
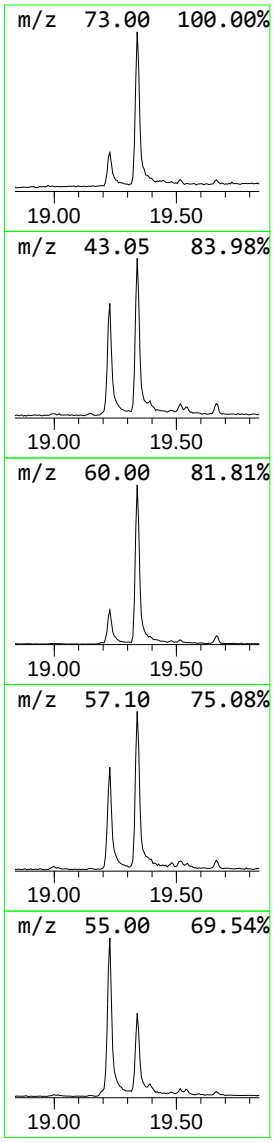
Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	7.35 ng/ul	1348480	Chrysene-d12	21.298

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





Tentatively Identified Compound (LSC) summary

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Data File : BP018827.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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
Dodecanoic acid	14.892	5.8	ng/ul	706746	3	14.463	2459490	20.0
Tetradecanoic acid	16.627	18.6	ng/ul	2634910	4	17.210	2835790	20.0
n-Hexadecanoic ...	18.110	21.1	ng/ul	2996220	4	17.210	2835790	20.0
Oleic Acid	19.227	12.8	ng/ul	1808270	4	17.210	2835790	20.0
Octadecanoic acid	19.339	7.3	ng/ul	1348480	5	21.298	3667790	20.0