LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004076.D
Acq On : 24 Nov 2020 15:11
Operator : CG/JU
Sample : L4874-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 72-11933

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270E-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004076.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.917	3	5	24	rVB	8551859	11127291	100.00%	26.955%
2	3.075	26	32	42	rVB	75905	159083	1.43%	0.385%
3	3.164	42	47	54	rBV	271623	381662	3.43%	0.925%
4	5.805	487	496	508	rBV	1953169	3062302	27.52%	7.418%
5	7.452	767	776	801	rBV	1942903	3353725	30.14%	8.124%
6	8.263	905	914	923	rBV	433080	678962	6.10%	1.645%
7	9.428	1104	1112	1121	rBV	1207991	2010159	18.07%	4.869%
8	11.093	1385	1395	1413	rBV	536129	925173	8.31%	2.241%
9	13.510	1798	1806	1818	rBV	2676395	3942398	35.43%	9.550%
10	14.310	1937	1942	1948	rBV	90639	124103	1.12%	0.301%
11	14.887	2034	2040	2047	rBV	791030	1166239	10.48%	2.825%
12	16.375	2286	2293	2312	rBV	2067009	3130307	28.13%	7.583%
13	17.622	2499	2505	2509	rBV	980607	1373840	12.35%	3.328%
14	17.663	2509	2512	2519	rVB	143322	189820	1.71%	0.460%
15	18.463	2644	2648	2654	rBV2	96547	157037	1.41%	0.380%
16	19.598	2836	2841	2846	rBV	268543	344930	3.10%	0.836%
17	19.674	2850	2854	2862	rBV	181413	291603	2.62%	0.706%
18	19.945	2896	2900	2909	rVB	239563	325873	2.93%	0.789%
19	20.116	2924	2929	2935	rBV	4176761	5132916	46.13%	12.434%
20	21.310	3128	3132	3141	rBV3	303519	499053	4.48%	1.209%
21	21.657	3184	3191	3195	rBV	1088279	1582743	14.22%	3.834%
22	24.127	3604	3611	3618	rBV	656836	1321862	11.88%	3.202%

Sum of corrected areas: 41281081

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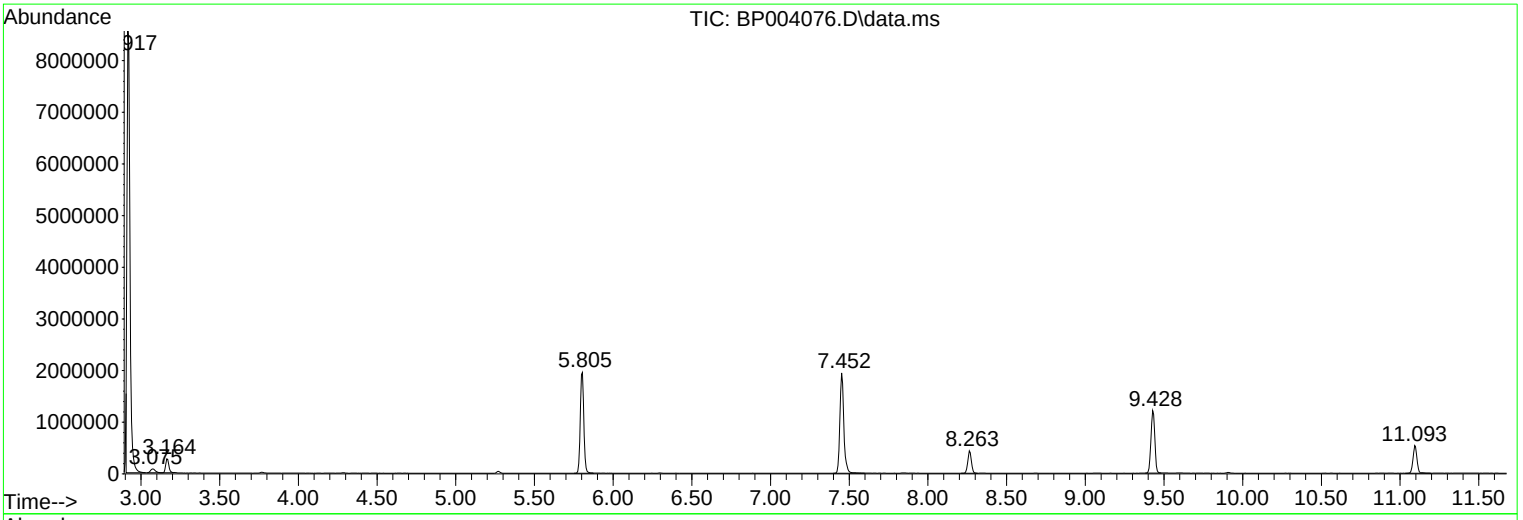
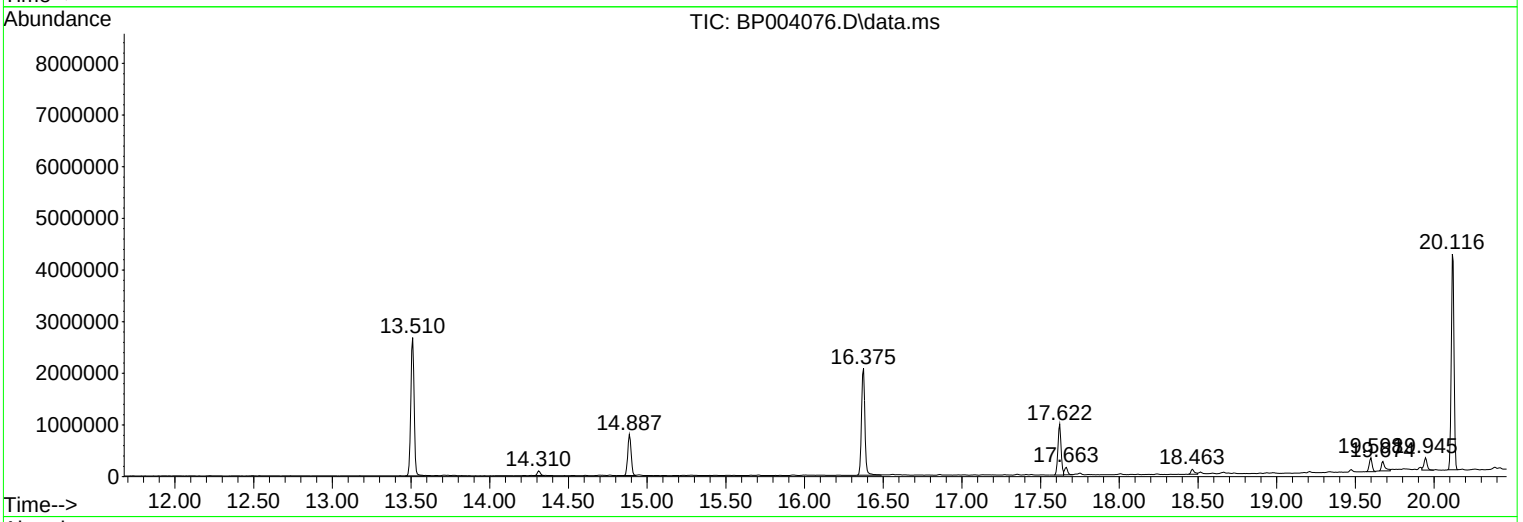
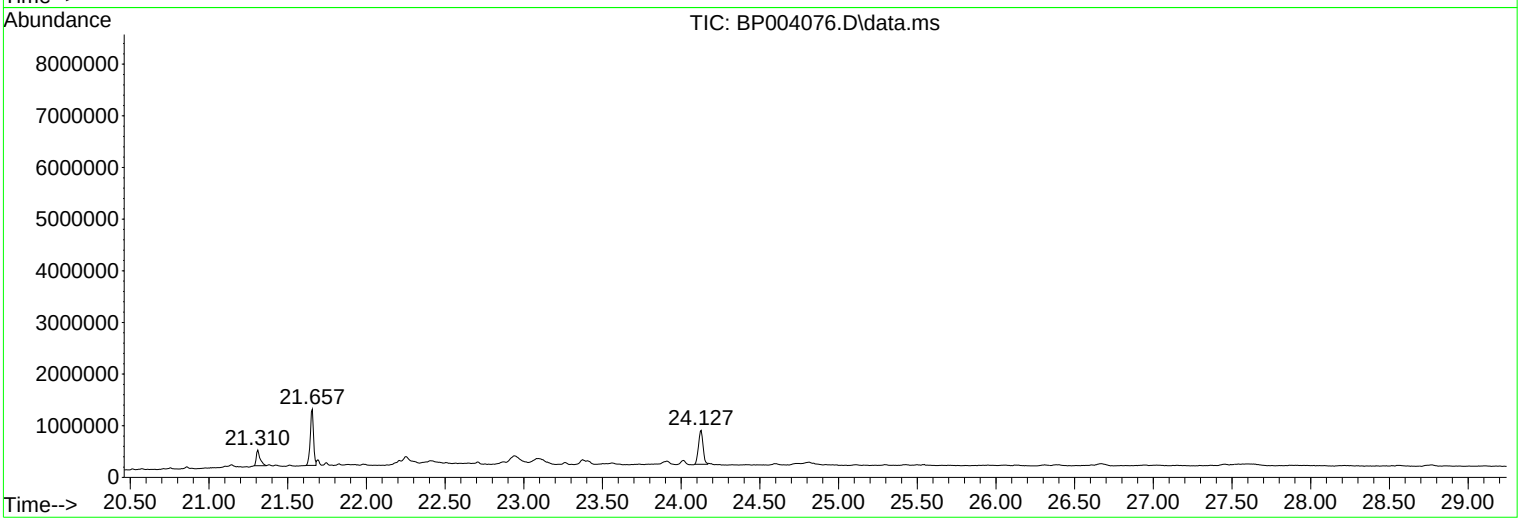
ClientSampleId :
72-11933

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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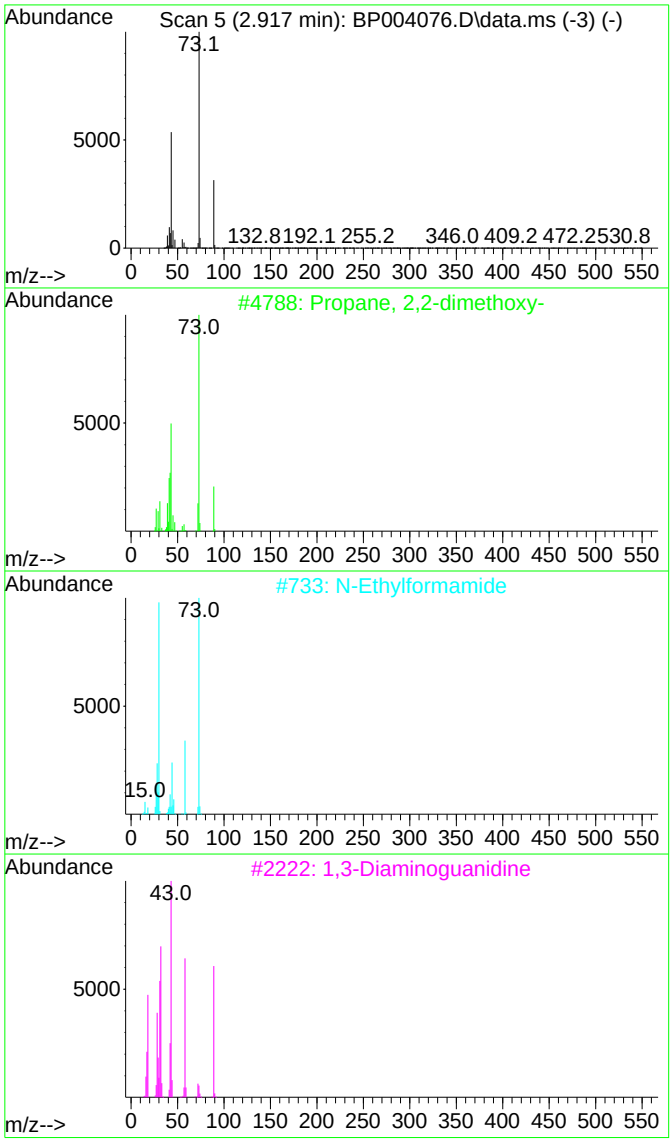
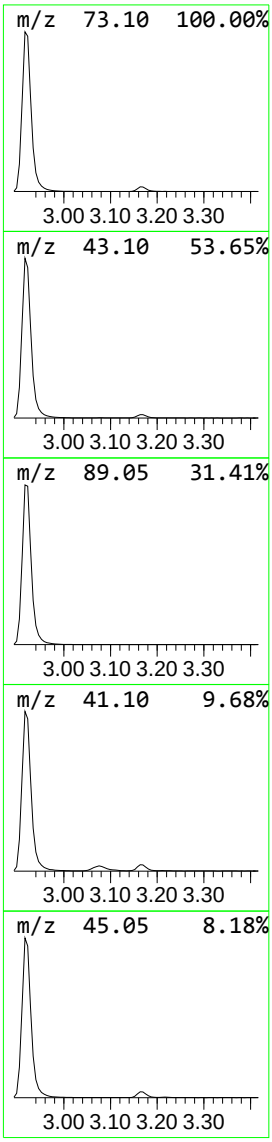
****
Peak Number 1 unknown2.91 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.917	327.77 ng	11127300	1,4-Dichlorobenzene-d4	8.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Instrument : BNA_P
ClientSampleId : 72-11933

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
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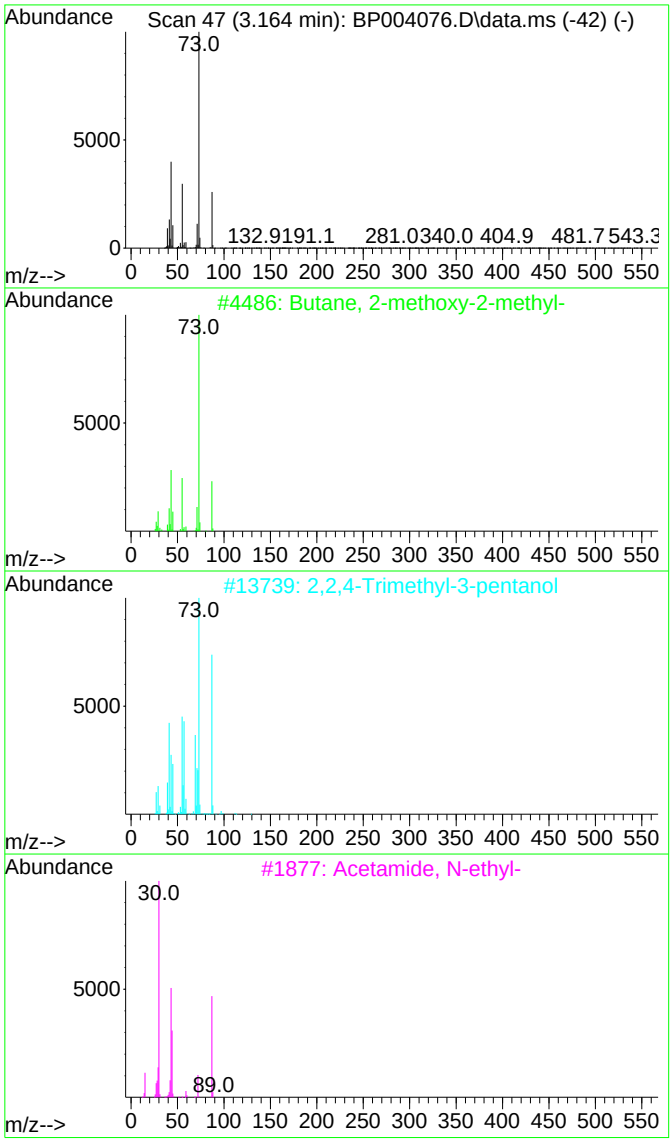
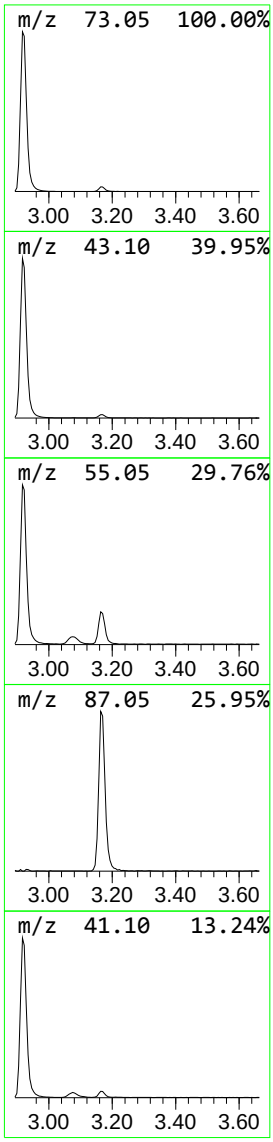
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.164	11.24 ng	381662	1,4-Dichlorobenzene-d4	8.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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BNA_P
ClientSampleId :
72-11933

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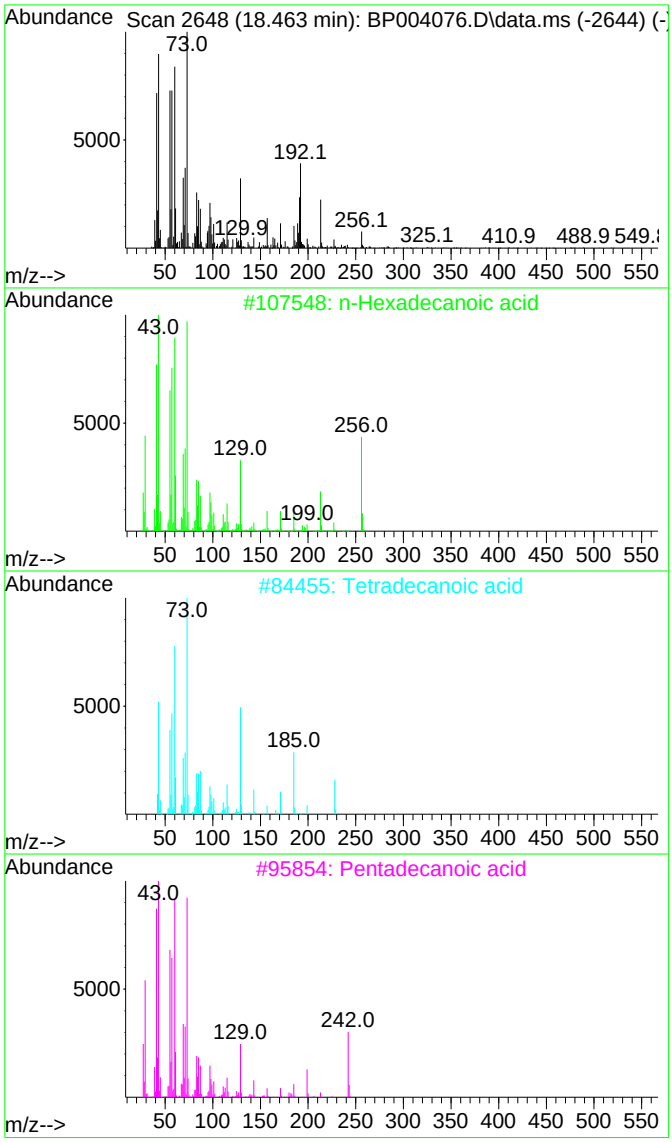
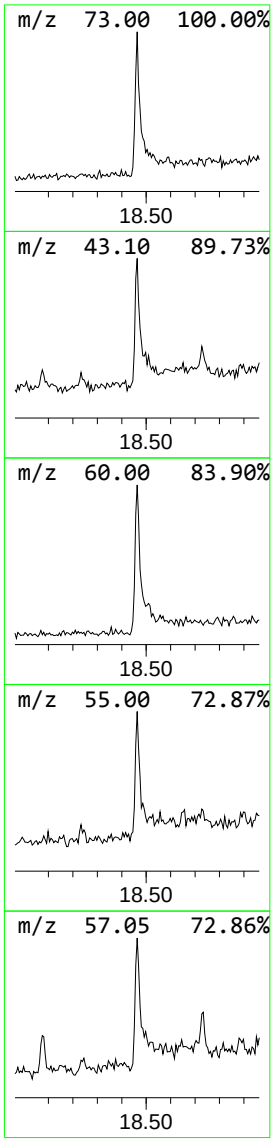
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	2.29 ng	157037	Phenanthrene-d10	17.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	55





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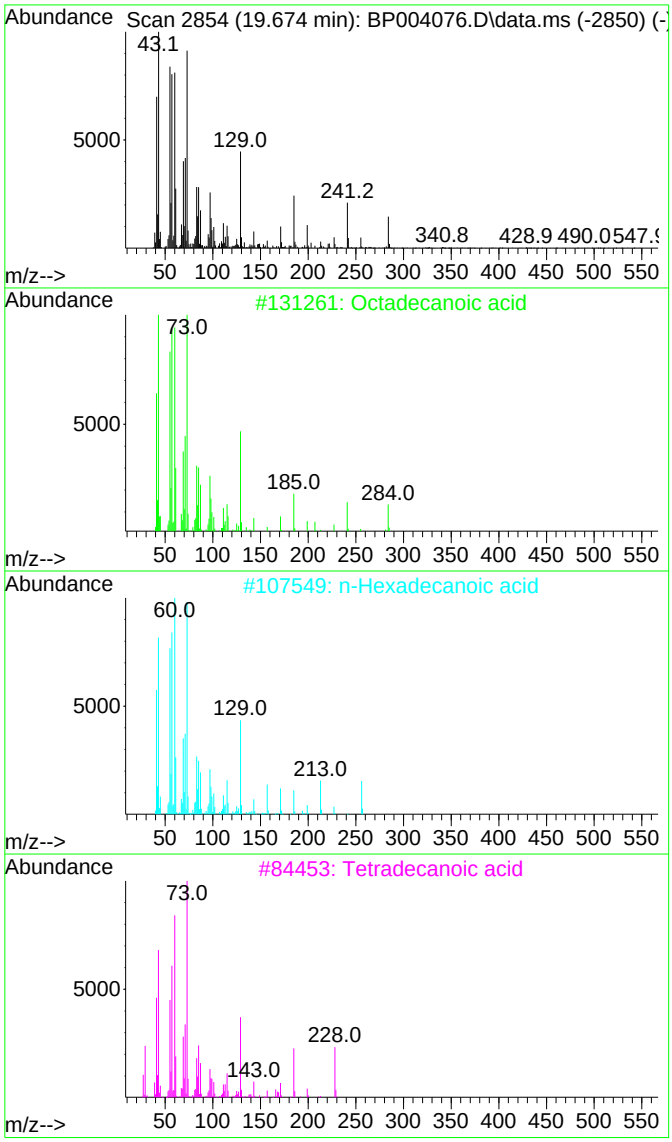
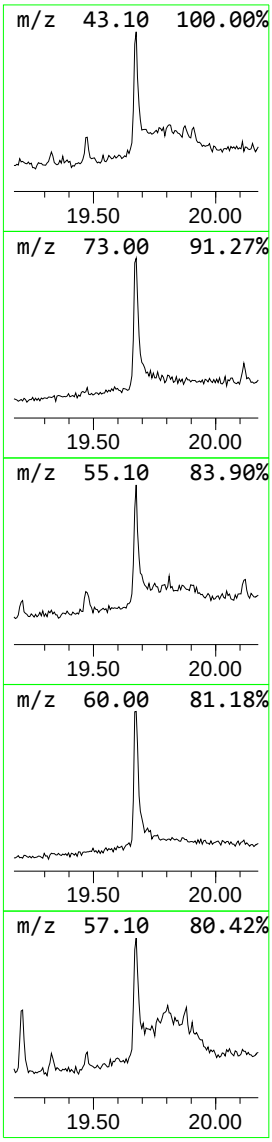
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.674	3.68 ng	291603	Chrysene-d12	21.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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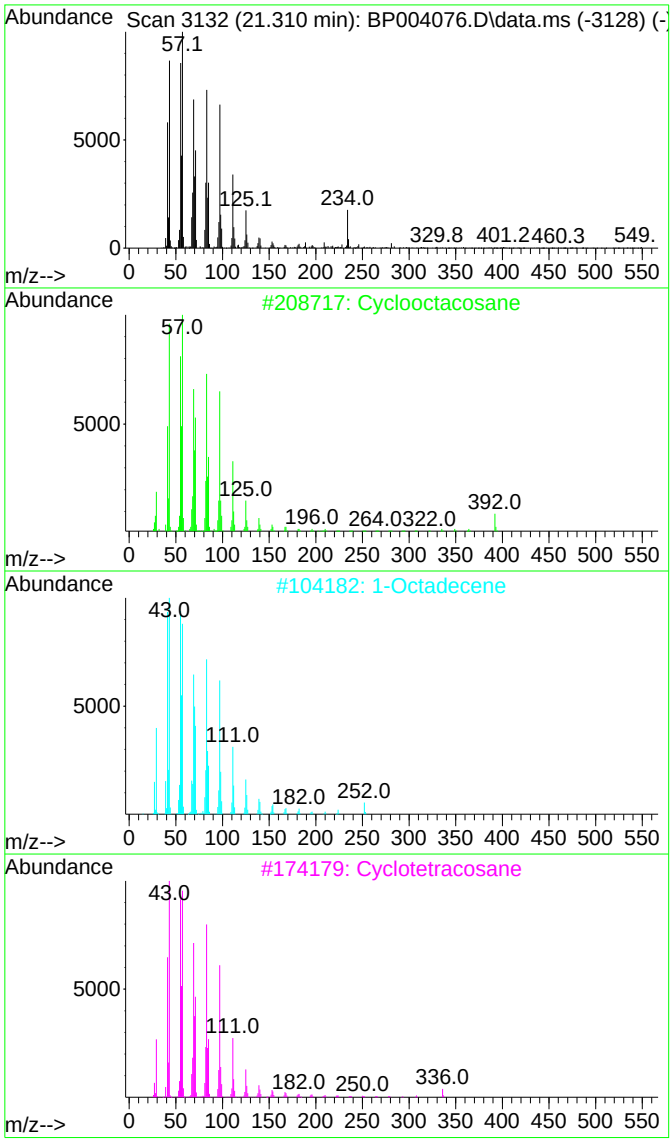
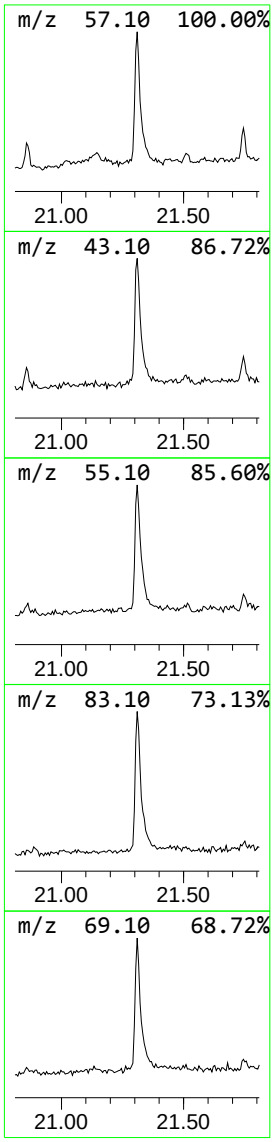
Peak Number 6 Cyclooctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.310	6.31 ng	499053	Chrysene-d12	21.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	94
2	1-Octadecene	252	C18H36	000112-88-9	93
3	Cyclotetracosane	336	C24H48	000297-03-0	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.91	2.917	327.8	ng	11127300	1	8.263	678962	20.0
Butane, 2-metho...	3.164	11.2	ng	381662	1	8.263	678962	20.0
n-Hexadecanoic ...	18.463	2.3	ng	157037	4	17.622	1373840	20.0
Octadecanoic acid	19.674	3.7	ng	291603	5	21.657	1582740	20.0
Cyclooctacosane	21.310	6.3	ng	499053	5	21.657	1582740	20.0