LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
Data File : BF132928.D
Acq On : 19 Apr 2023 23:46
Operator : CG\JU
Sample : 02407-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BEACH-BLVD-TEST-PIT

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_F\Methods\8270-BF041723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132928.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.951	483	487	494	rVB	121623	148361	2.48%	0.343%
2	5.363	552	557	560	rBV	5741593	5177528	86.63%	11.976%
3	6.387	726	731	734	rBV	5568501	5409654	90.51%	12.513%
4	6.763	791	795	798	rBV	2195869	1663695	27.84%	3.848%
5	7.322	886	890	893	rBV	3802291	3444330	57.63%	7.967%
6	8.045	1010	1013	1016	rVB	3004703	2281940	38.18%	5.279%
7	9.122	1193	1196	1199	rBV	6890575	5976691	100.00%	13.825%
8	9.798	1307	1311	1314	rBV	3367038	2552870	42.71%	5.905%
9	10.510	1429	1432	1435	rBV	348792	252821	4.23%	0.585%
10	10.586	1440	1445	1448	rBV	3921976	3609925	60.40%	8.350%
11	11.280	1559	1563	1566	rBV	3121243	2507151	41.95%	5.799%
12	11.816	1650	1654	1658	rBV	342552	314639	5.26%	0.728%
13	12.869	1829	1833	1836	rBV	6377798	5236435	87.61%	12.113%
14	13.780	1983	1988	1998	rBV2	174611	310348	5.19%	0.718%
15	13.916	2006	2011	2014	rBV	1911760	1723728	28.84%	3.987%
16	14.404	2091	2094	2097	rBV	70175	71149	1.19%	0.165%
17	15.033	2197	2201	2206	rVB	73981	89364	1.50%	0.207%
18	15.345	2249	2254	2259	rBV	1470117	1681668	28.14%	3.890%
19	15.404	2260	2264	2268	rVB	88638	109966	1.84%	0.254%
20	15.821	2331	2335	2340	rBV	94457	125691	2.10%	0.291%
21	16.309	2412	2418	2426	rVB	108045	198389	3.32%	0.459%
22	16.874	2508	2514	2521	rBV2	85070	179222	3.00%	0.415%
23	17.545	2622	2628	2638	rVB2	66709	165197	2.76%	0.382%

Sum of corrected areas: 43230762

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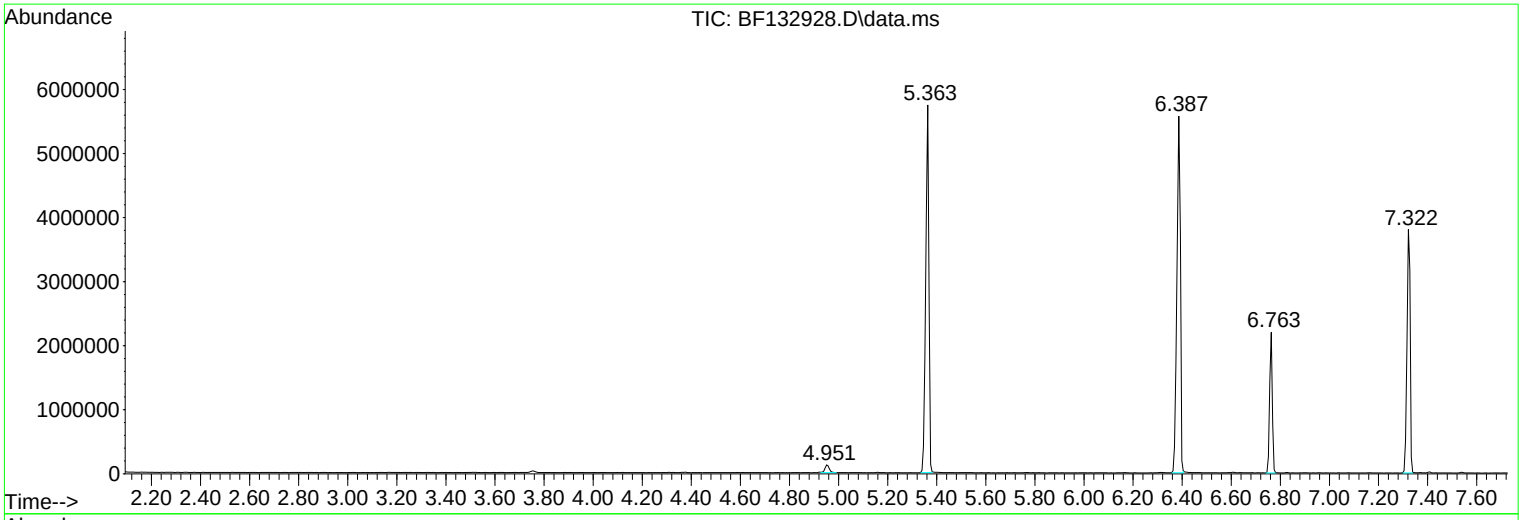
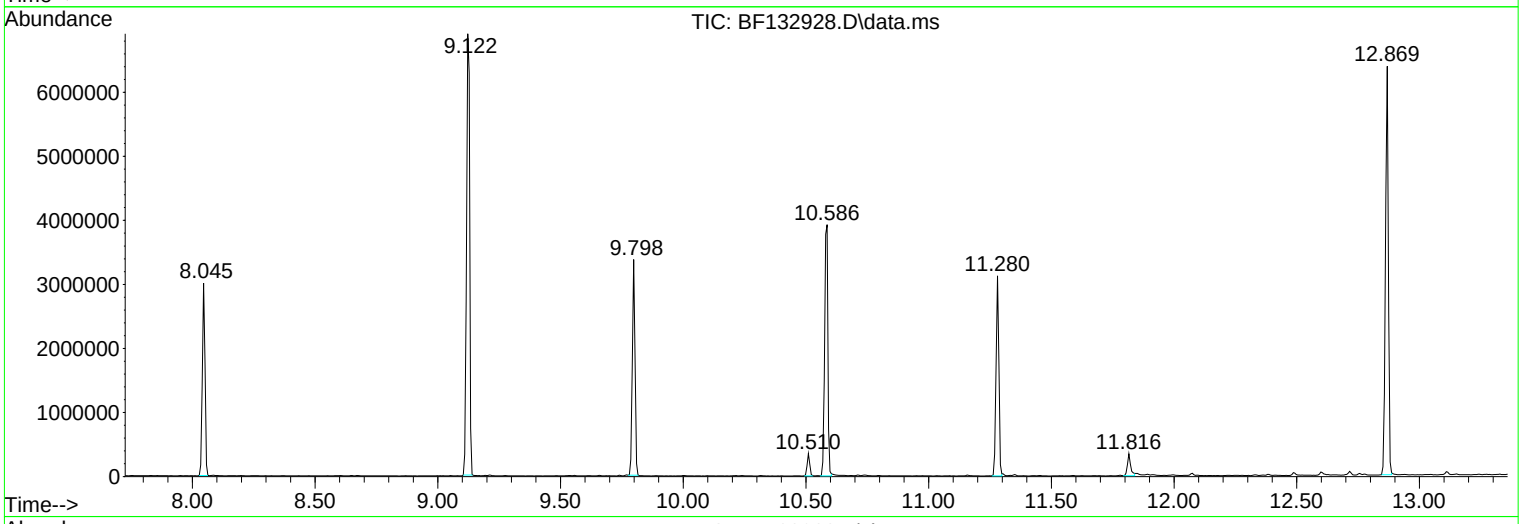
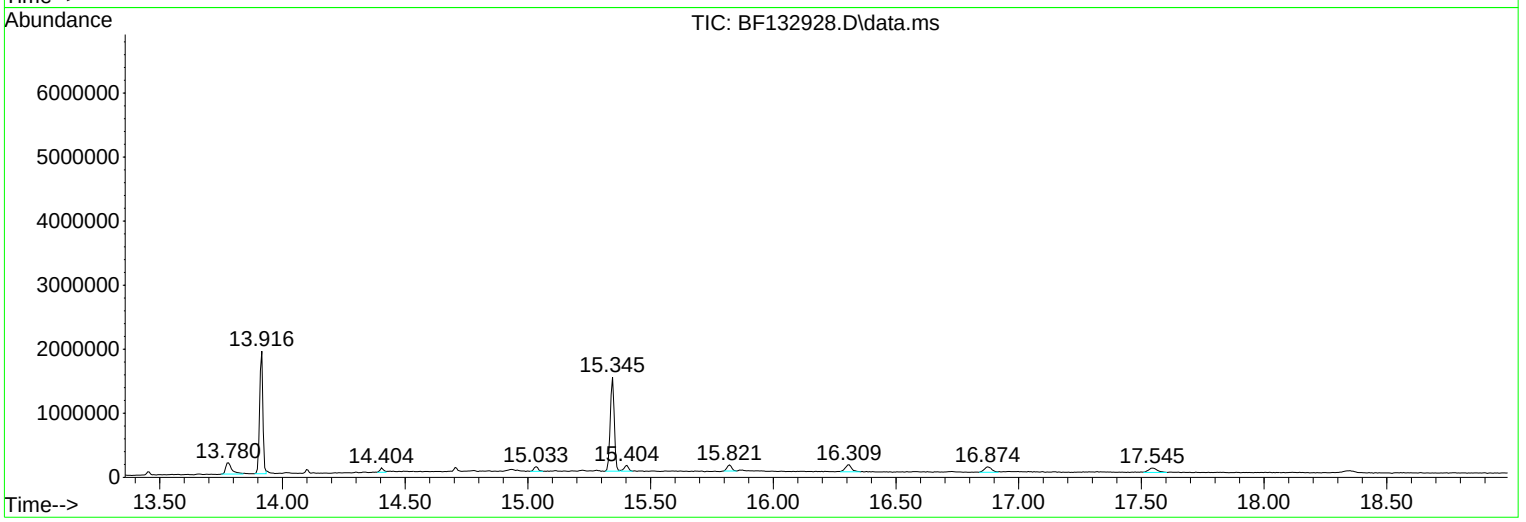
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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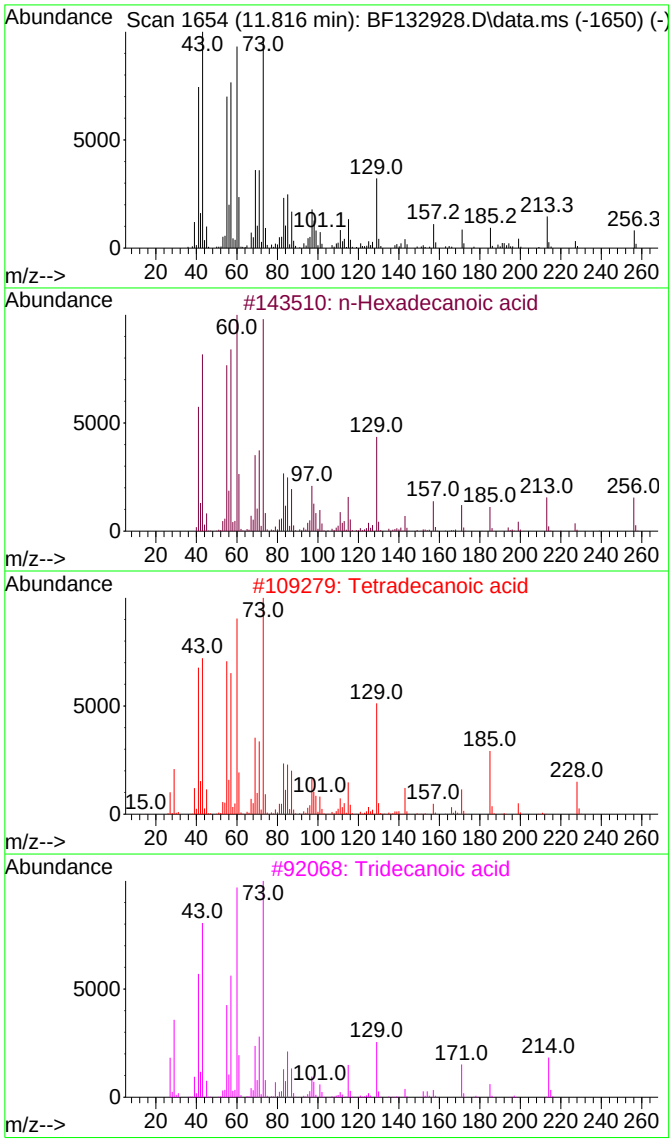
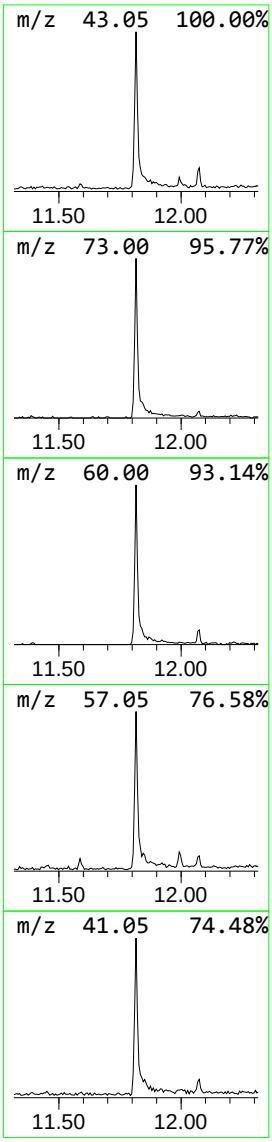
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	2.51 ng	314639	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Nonanoic acid	158	C9H18O2	000112-05-0	64





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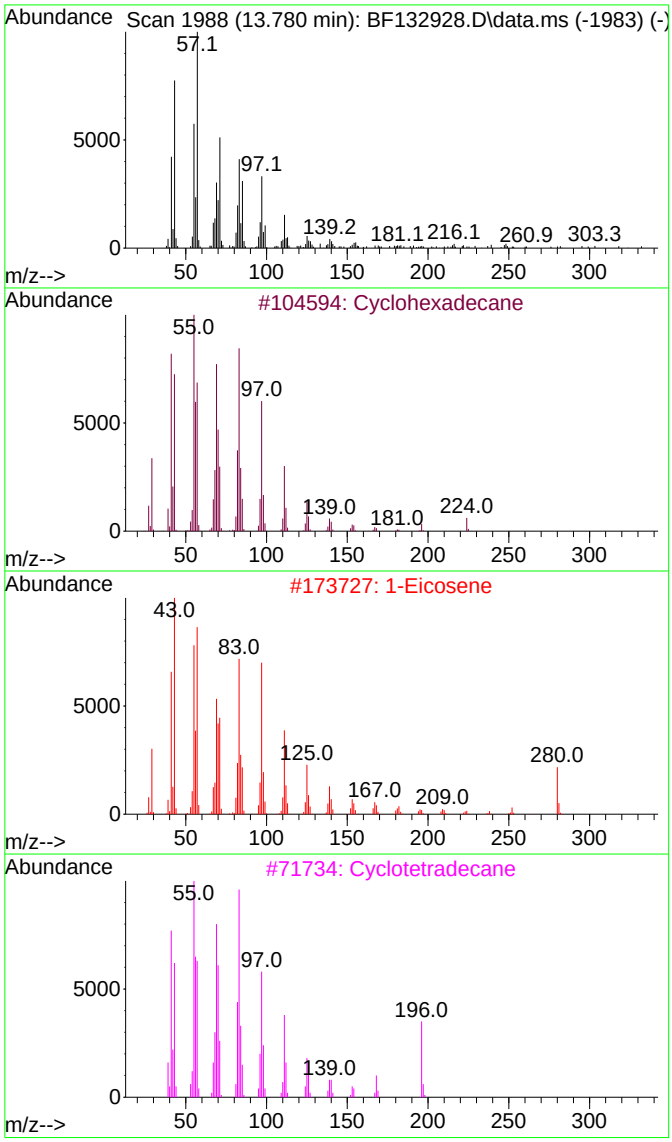
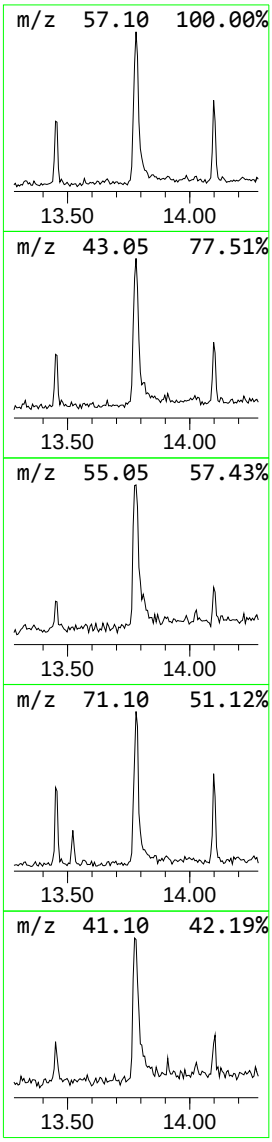
Peak Number 2 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	3.60 ng	310348	Chrysene-d12	13.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Eicosene	280	C20H40	003452-07-1	93
3	Cyclotetradecane	196	C14H28	000295-17-0	92
4	Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	91
5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91





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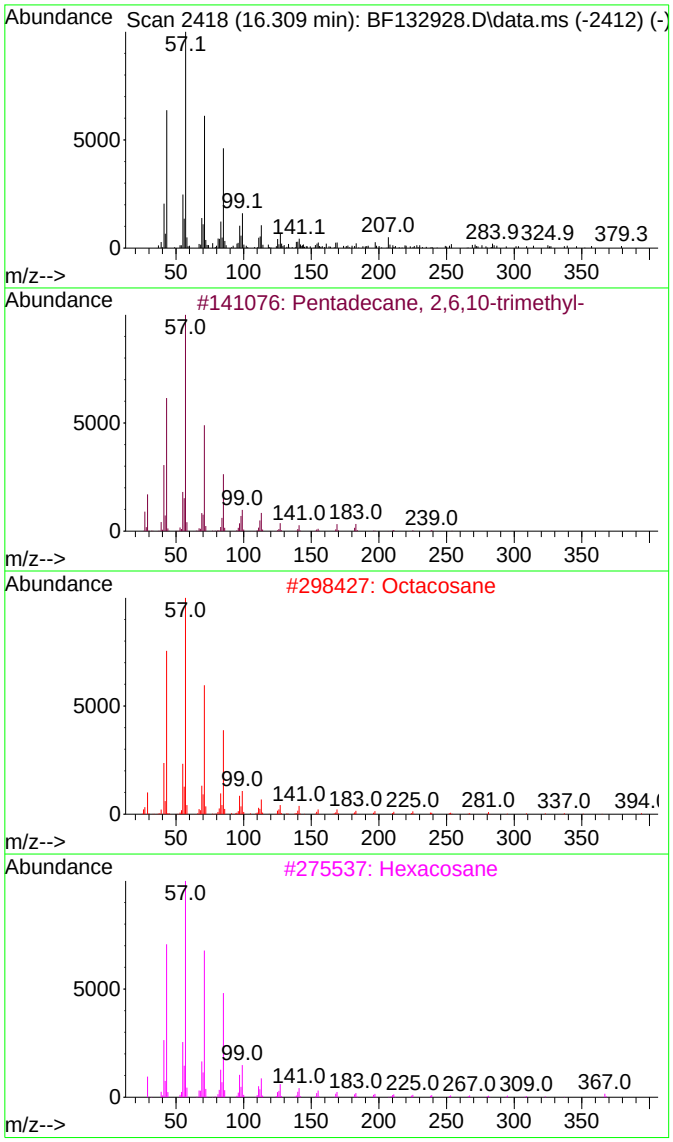
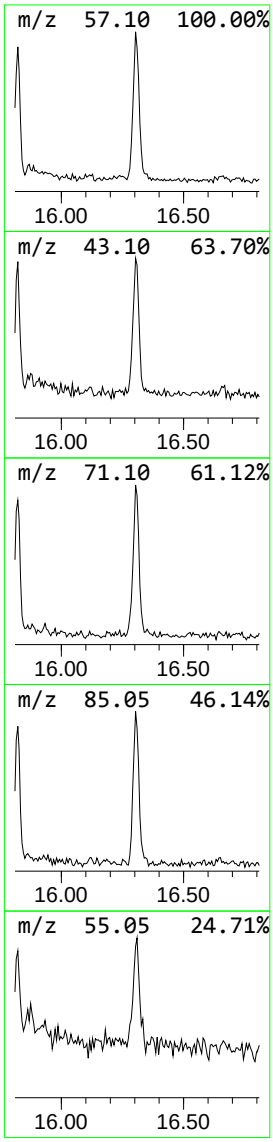
Peak Number 3 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	2.36 ng	198389	Perylene-d12	15.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





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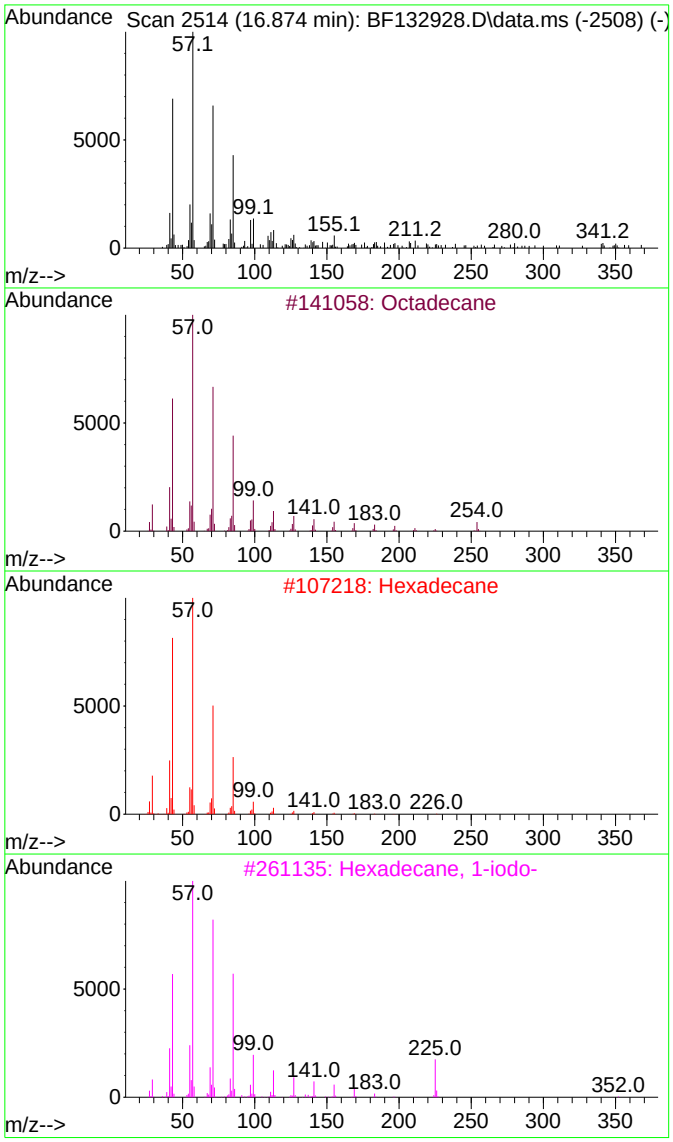
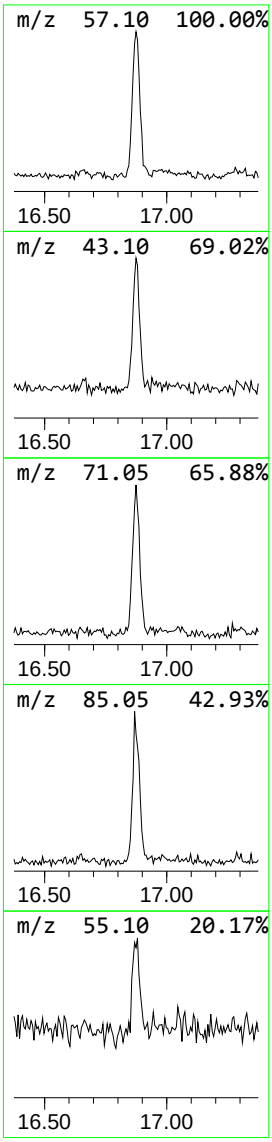
Peak Number 4 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.874	2.13 ng	179222	Perylene-d12	15.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.816	2.5	ng	314639	4	11.280	2507150	20.0
Cyclohexadecane	13.780	3.6	ng	310348	5	13.916	1723730	20.0
Pentadecane, 2,...	16.310	2.4	ng	198389	6	15.345	1681670	20.0
Octadecane	16.874	2.1	ng	179222	6	15.345	1681670	20.0