LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
Data File : BF137529.D
Acq On : 07 Mar 2024 14:41
Operator : CG\JU
Sample : PB159489BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159489BL

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137529.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	24	29	34	rVB	81233	115208	1.27%	0.209%
2	2.381	44	50	56	rBV	74264	103466	1.14%	0.188%
3	5.157	518	522	534	rBV	205687	340312	3.74%	0.619%
4	5.534	581	586	589	rBV	6414535	6631705	72.97%	12.054%
5	6.510	747	752	755	rBV	5413731	6987674	76.88%	12.701%
6	6.863	809	812	830	rBV	1605970	1546193	17.01%	2.810%
7	7.428	903	908	911	rBV	4321515	4458823	49.06%	8.104%
8	8.139	1025	1029	1047	rBV	2268810	2165815	23.83%	3.937%
9	9.222	1207	1213	1216	rBV	7931649	7751403	85.29%	14.089%
10	9.898	1323	1328	1344	rBV	2847245	2562710	28.20%	4.658%
11	10.692	1459	1463	1492	rBV	4505075	5167842	56.86%	9.393%
12	11.392	1578	1582	1605	rBV	2998167	2731990	30.06%	4.966%
13	12.668	1795	1799	1802	rBV	110771	94536	1.04%	0.172%
14	12.821	1822	1825	1832	rVB	334624	271502	2.99%	0.493%
15	13.004	1850	1856	1859	rBV	8885853	9088548	100.00%	16.519%
16	13.533	1943	1946	1952	rBV	212232	201651	2.22%	0.367%
17	14.057	2031	2035	2047	rBV	2106223	2130794	23.44%	3.873%
18	14.874	2169	2174	2178	rBV	102084	111849	1.23%	0.203%
19	15.239	2232	2236	2242	rVB	117896	133782	1.47%	0.243%
20	15.592	2290	2296	2303	rBV	1050630	1551844	17.07%	2.821%
21	15.656	2303	2307	2315	rVB	129051	205651	2.26%	0.374%
22	16.145	2384	2390	2401	rBV2	103674	193354	2.13%	0.351%
23	16.715	2480	2487	2496	rBV	89800	180474	1.99%	0.328%
24	17.392	2595	2602	2611	rVB3	60611	148475	1.63%	0.270%
25	18.197	2731	2739	2749	rVB4	48777	142718	1.57%	0.259%

Sum of corrected areas: 55018319

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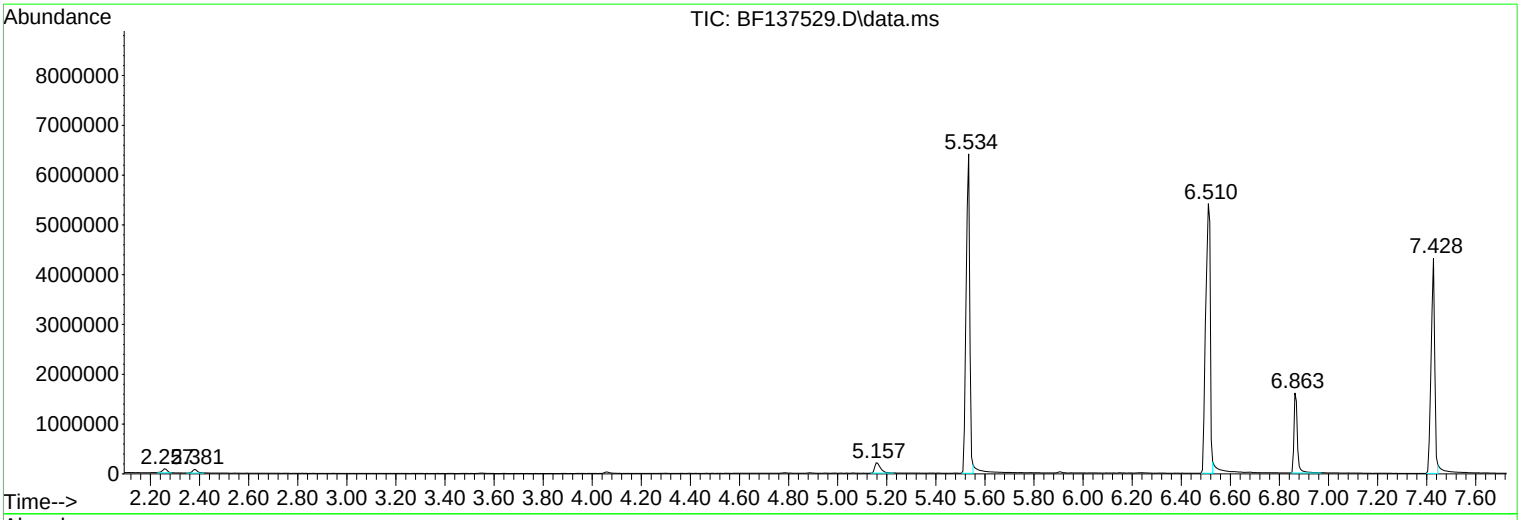
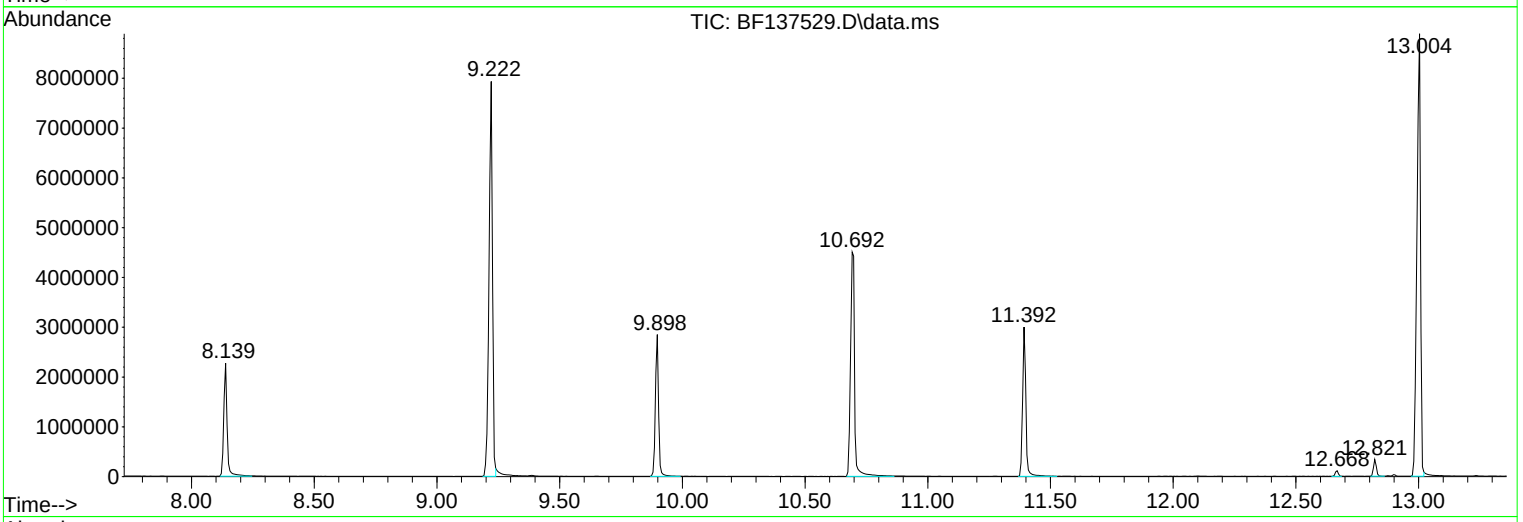
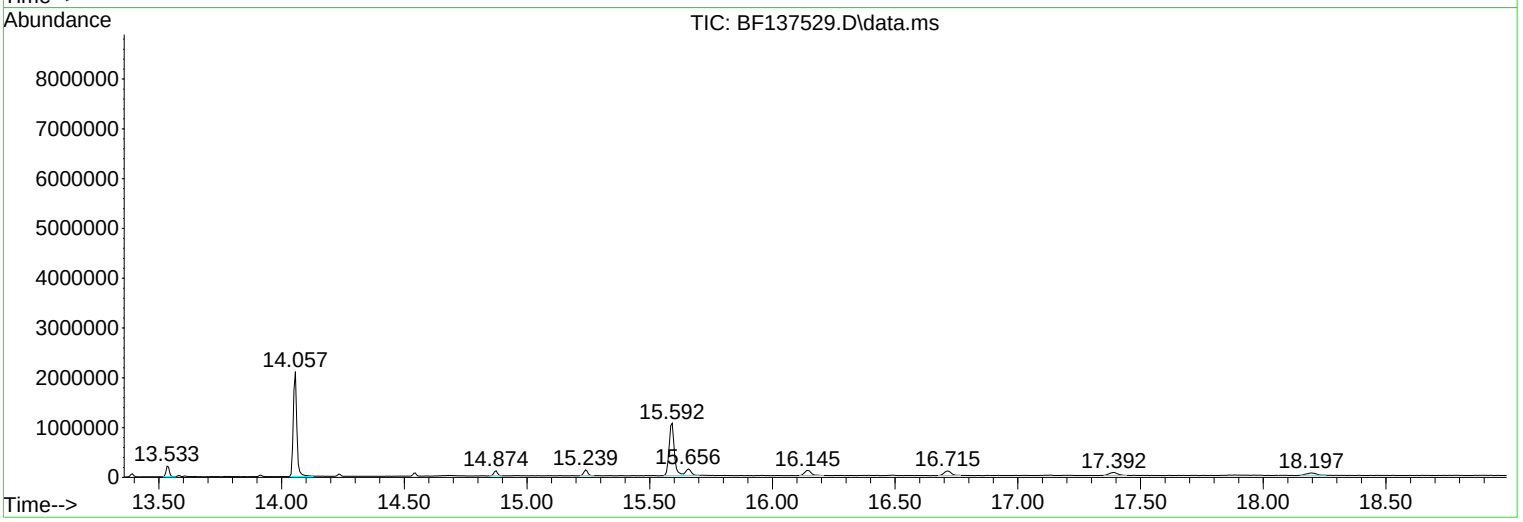
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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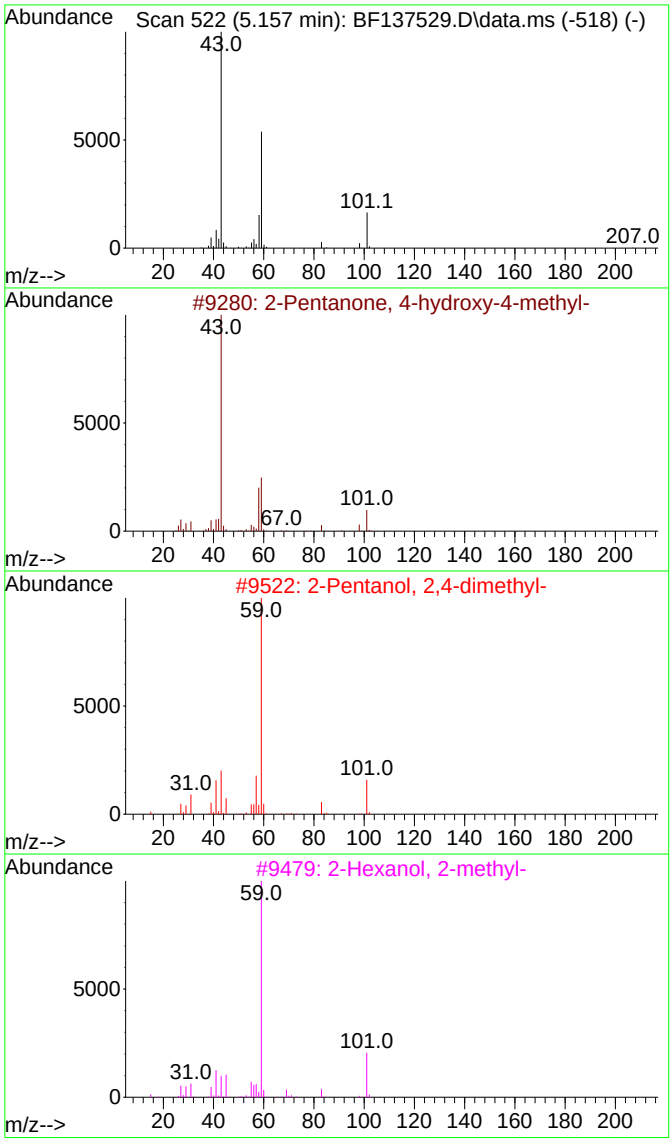
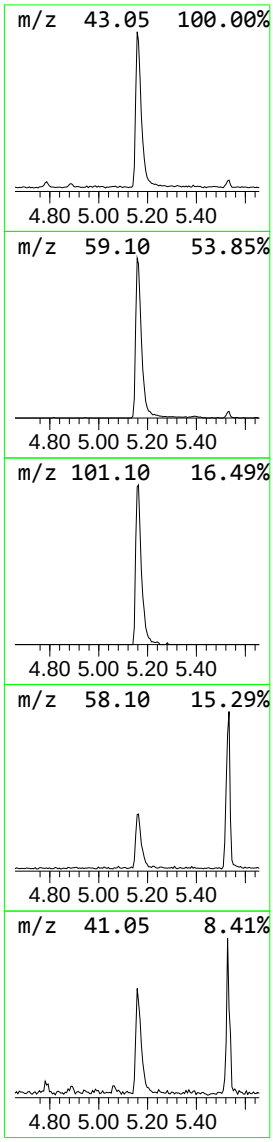
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	4.40 ng	340312	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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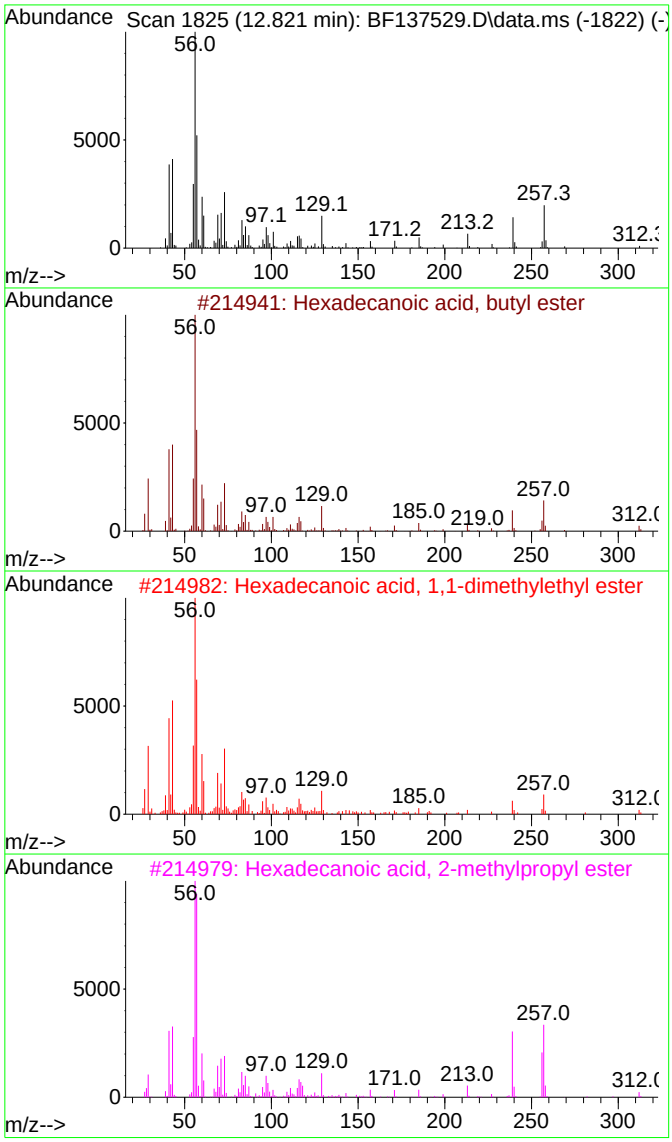
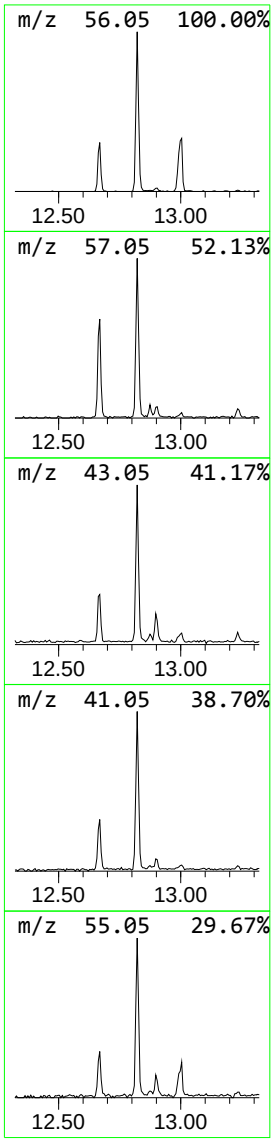
****
Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.821	2.55 ng	271502	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	50
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	35
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35





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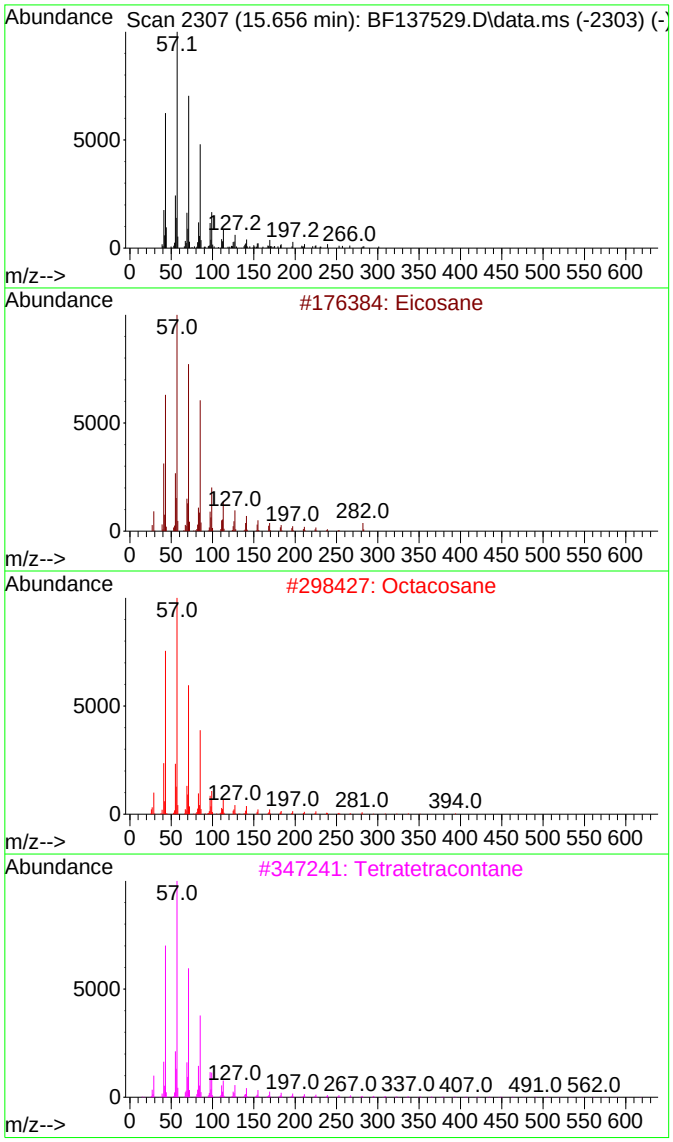
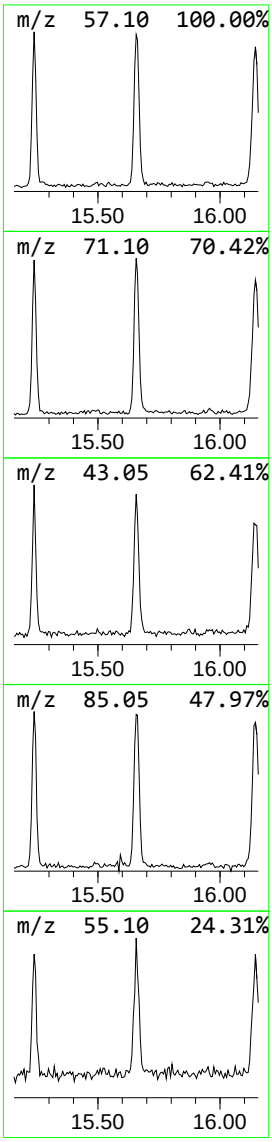
Peak Number 3 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.656	2.65 ng	205651	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	87





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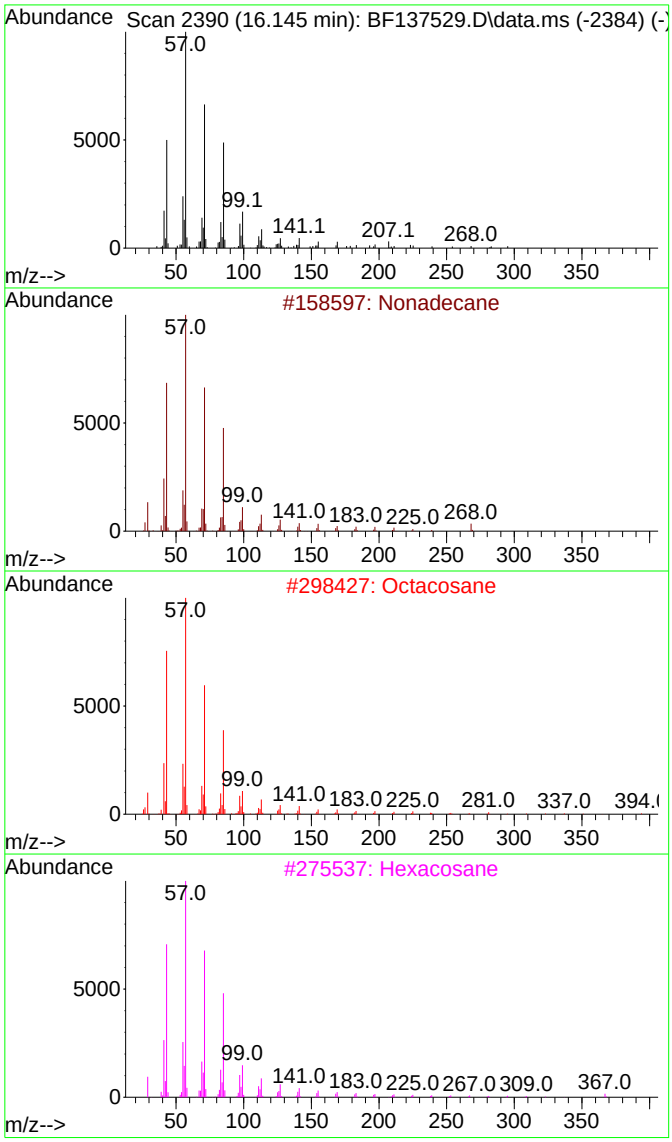
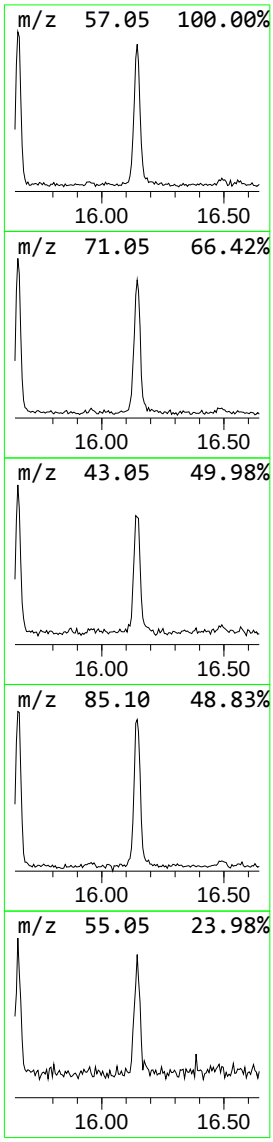
Peak Number 4 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	2.49 ng	193354	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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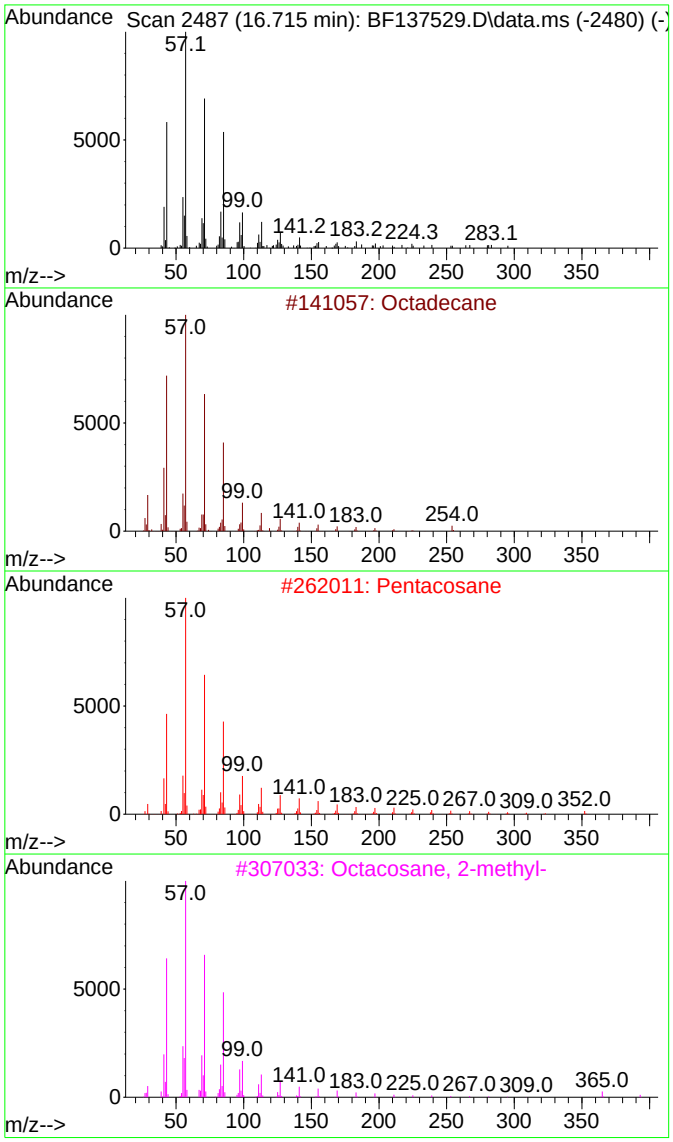
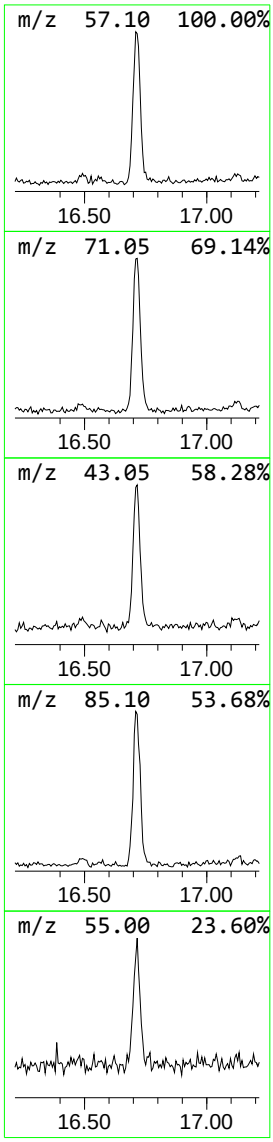
Peak Number 5 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.715	2.33 ng	180474	Perylene-d12	15.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.157	4.4	ng	340312	1	6.863	1546190	20.0
Hexadecanoic ac...	12.821	2.5	ng	271502	5	14.057	2130790	20.0
Eicosane	15.656	2.6	ng	205651	6	15.592	1551840	20.0
Nonadecane	16.145	2.5	ng	193354	6	15.592	1551840	20.0
Octadecane	16.715	2.3	ng	180474	6	15.592	1551840	20.0