LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128959.D
Acq On : 23 Jun 2022 18:40
Operator : CG\JU
Sample : N3462-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6-18-20-20220622

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128959.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.934	446	450	462	rVB	39379	52018	1.60%	0.266%
2	5.363	519	523	540	rBV	2467945	2615099	80.19%	13.359%
3	6.387	693	697	710	rBV	2554761	2645565	81.13%	13.515%
4	6.722	751	754	758	rBV	726660	642222	19.69%	3.281%
5	7.292	846	851	854	rBV	1878324	1821845	55.87%	9.307%
6	8.010	968	973	976	rBV	853426	819258	25.12%	4.185%
7	9.086	1150	1156	1159	rBV	3631268	3260997	100.00%	16.659%
8	9.357	1199	1202	1211	rBV	70027	68579	2.10%	0.350%
9	9.763	1266	1271	1274	rBV	1121857	934306	28.65%	4.773%
10	10.557	1401	1406	1409	rBV	2143423	1891355	58.00%	9.662%
11	11.245	1520	1523	1527	rBV	1076252	959280	29.42%	4.900%
12	11.639	1586	1590	1594	rBV	77175	66875	2.05%	0.342%
13	11.780	1610	1614	1623	rBV3	77401	112454	3.45%	0.574%
14	12.839	1789	1794	1797	rBV	2704952	2413583	74.01%	12.330%
15	13.786	1948	1955	1969	rBV3	59042	205521	6.30%	1.050%
16	13.892	1969	1973	1977	rVB	566685	502968	15.42%	2.569%
17	13.980	1984	1988	1993	rBV	94543	102923	3.16%	0.526%
18	15.327	2212	2217	2225	rVB	318937	413951	12.69%	2.115%
19	16.227	2365	2370	2384	rVB	14524	46366	1.42%	0.237%

Sum of corrected areas: 19575165

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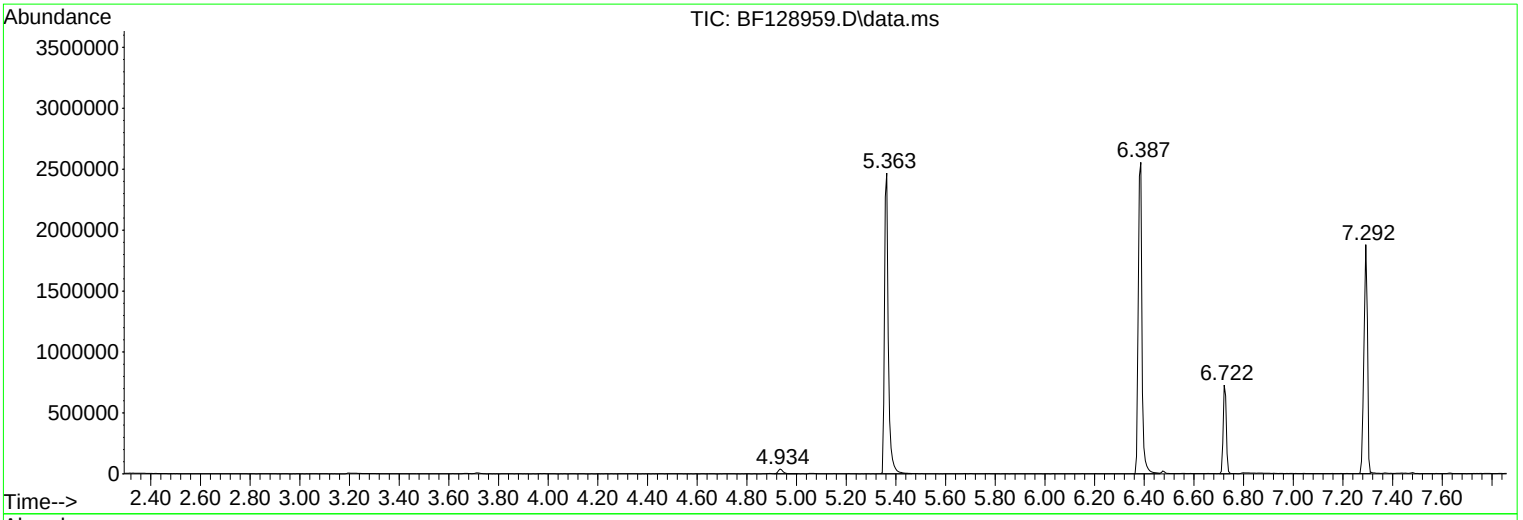
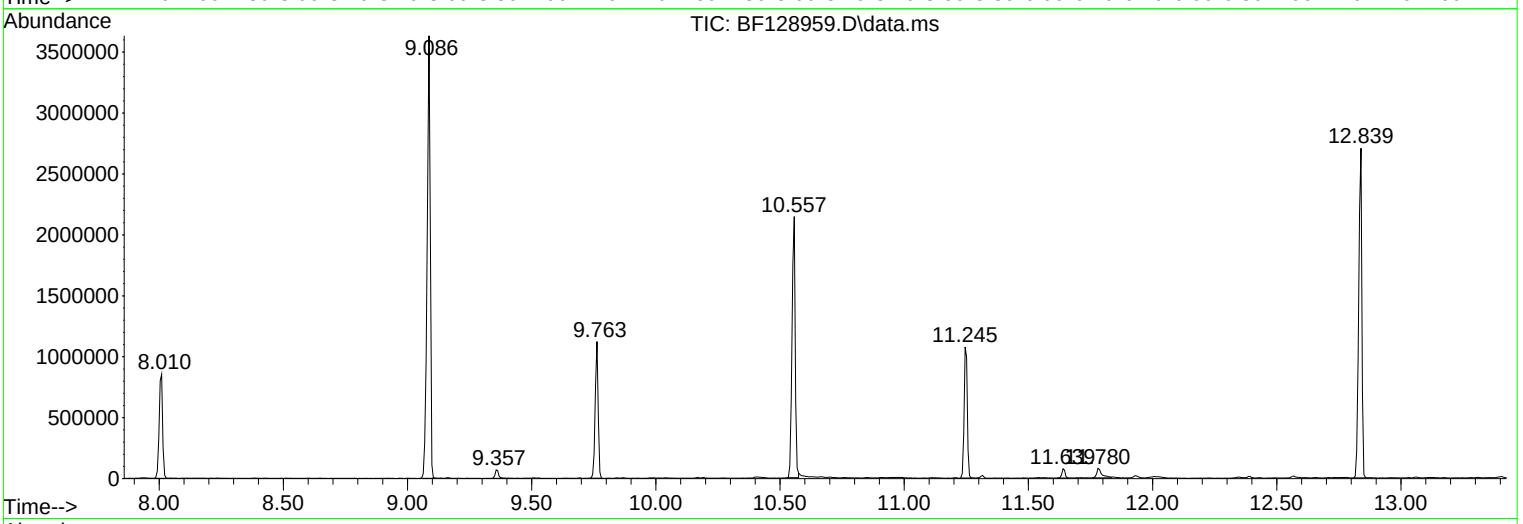
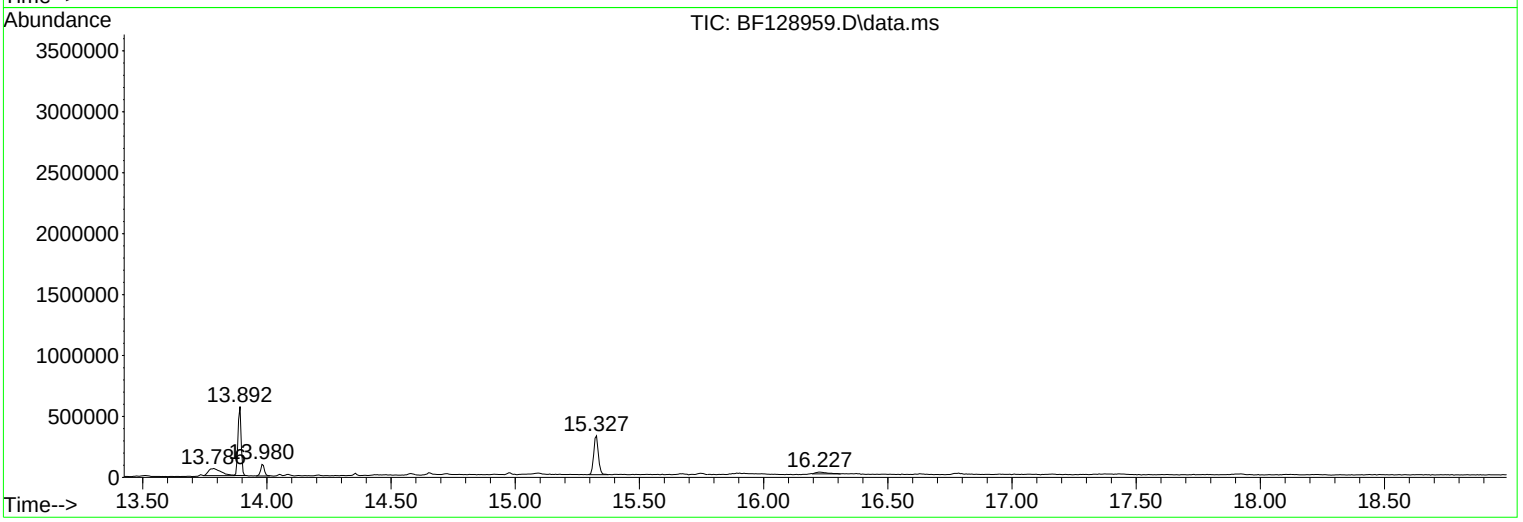
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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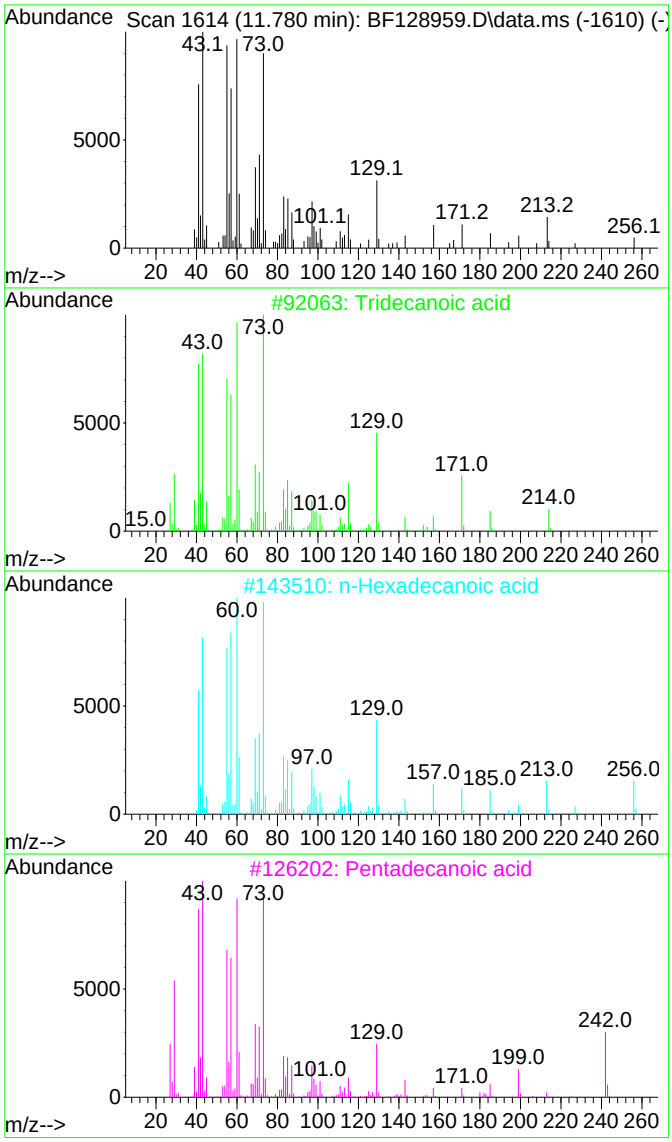
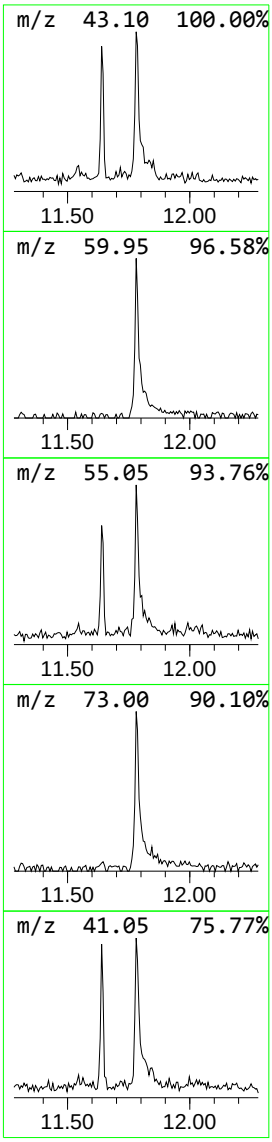
Peak Number 1 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	2.34 ng	112454	Phenanthrene-d10	11.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20





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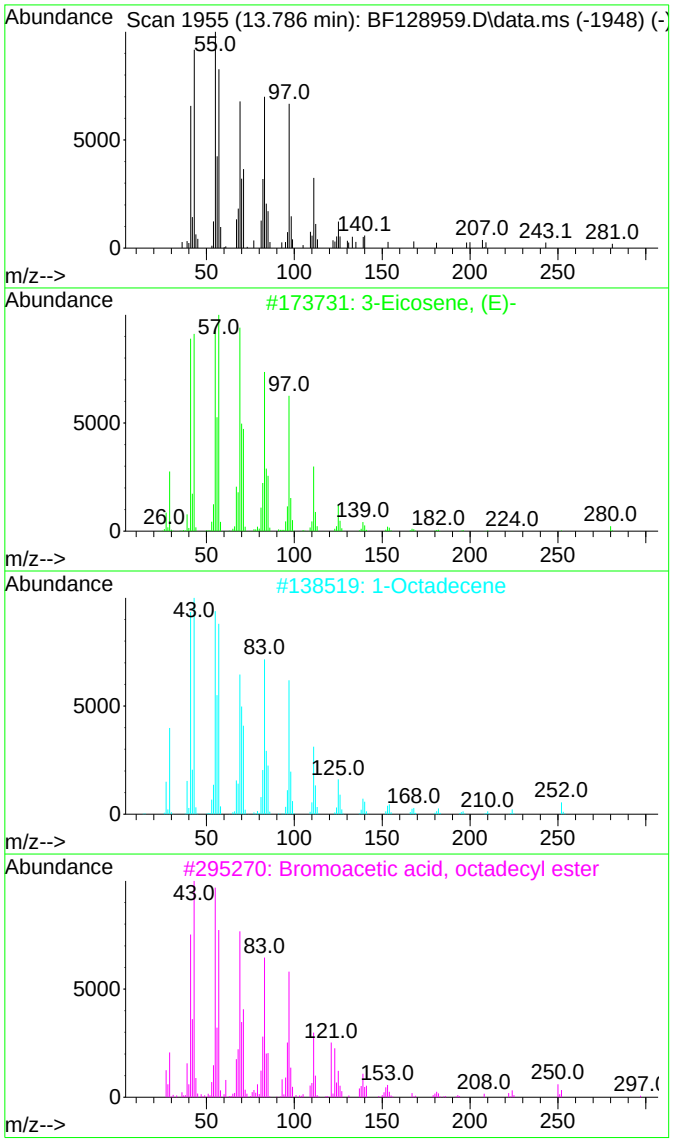
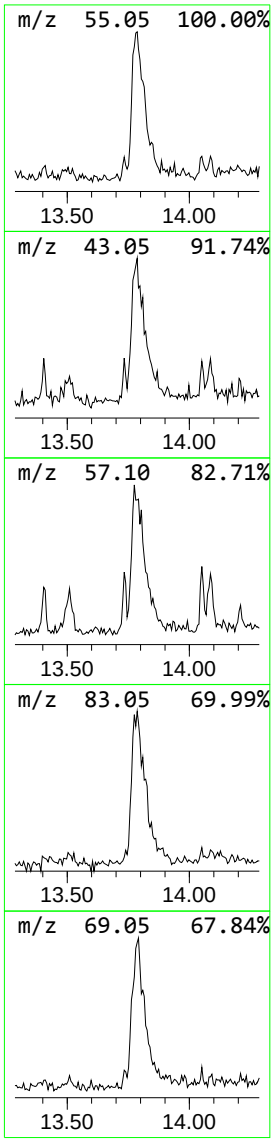
Peak Number 2 3-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	8.17 ng	205521	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	1-Octadecene	252	C18H36	000112-88-9	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	87
5	Cycloeicosane	280	C20H40	000296-56-0	87





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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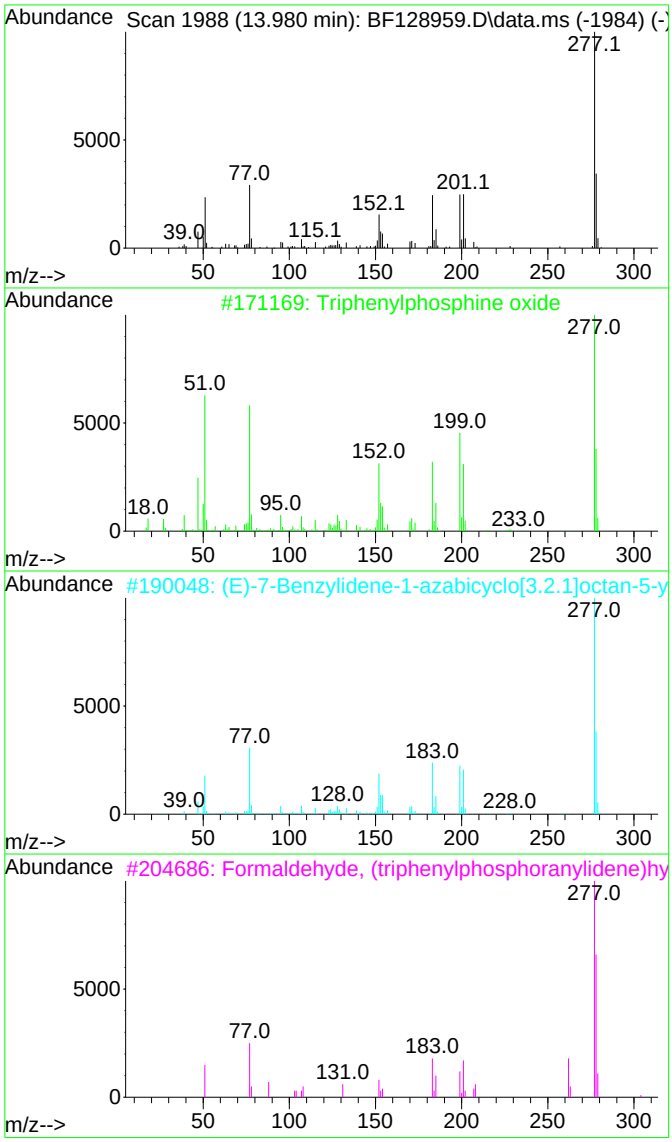
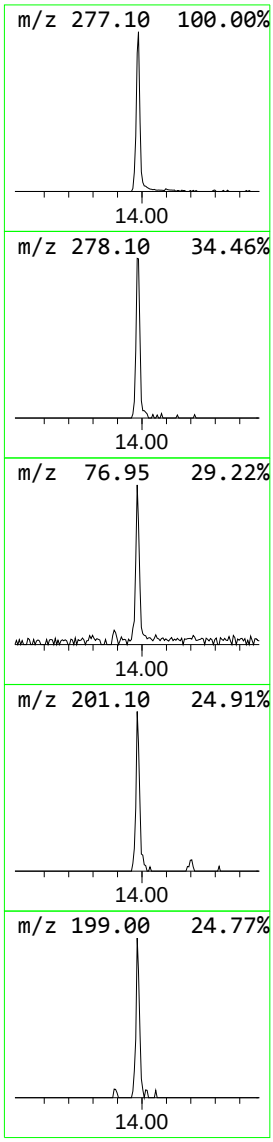
Peak Number 3 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.980	4.09 ng	102923	Chrysene-d12	13.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	98
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	87
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	40
4	Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	37
5	2-Propenoic acid, 2-cyano-3-(3-p...	277	C18H15NO2	1000080-00-3	37





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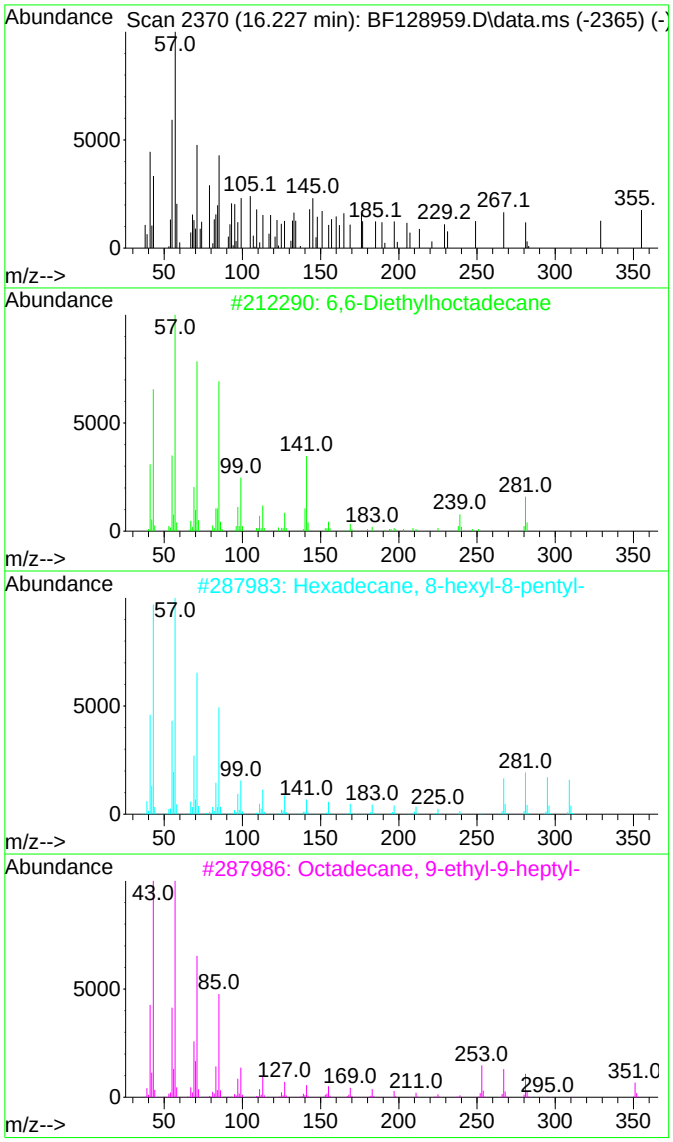
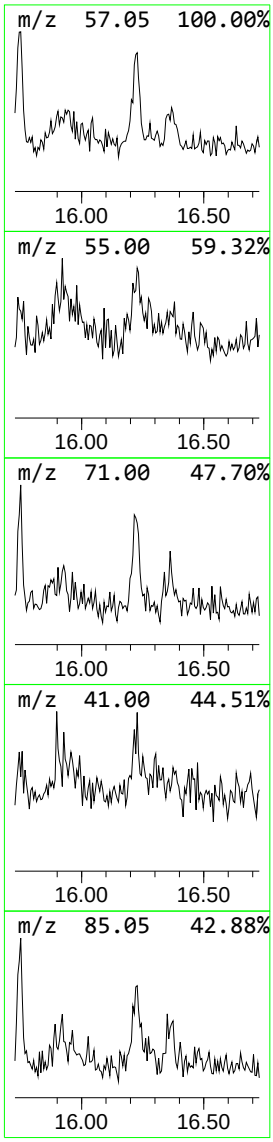
Peak Number 4 unknown16.227 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	2.24 ng	46366	Perylene-d12	15.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	38
2	Hexadecane, 8-hexyl-8-pentyl-	380	C27H56	055282-29-6	38
3	Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	38
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	38
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	38





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecanoic acid	11.780	2.3	ng	112454	4	11.245	959280	20.0
3-Eicosene, (E)-	13.786	8.2	ng	205521	5	13.892	502968	20.0
Triphenylphosph...	13.980	4.1	ng	102923	5	13.892	502968	20.0
unknown16.227	16.227	2.2	ng	46366	6	15.327	413951	20.0