LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090042.D
Acq On : 8 Sep 2016 23:36
Operator : UM/SJ
Sample : H4680-14 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-A-082916

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:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.724	11	12	53	rVB	2301257	6155281	100.00%	27.268%
2	4.696	270	272	281	rBV	152700	216079	3.51%	0.957%
3	5.164	310	313	325	rBV	634727	866045	14.07%	3.837%
4	6.239	405	407	415	rBV	745653	957806	15.56%	4.243%
5	6.353	415	417	420	rBV	668490	971372	15.78%	4.303%
6	6.593	436	438	441	rBV	1049417	1166612	18.95%	5.168%
7	6.753	450	452	454	rBV	816867	773867	12.57%	3.428%
8	7.165	485	488	492	rBV	431909	517006	8.40%	2.290%
9	7.885	549	551	553	rBV	1813973	1576096	25.61%	6.982%
10	8.959	643	645	648	rBV	1063113	1074138	17.45%	4.758%
11	9.359	678	680	683	rBV	430165	403251	6.55%	1.786%
12	9.633	701	704	706	rBV	1541912	1664695	27.04%	7.375%
13	10.411	769	772	778	rBV	481769	551308	8.96%	2.442%
14	10.571	782	786	788	rVB	37964	71933	1.17%	0.319%
15	11.096	830	832	841	rBV	1284521	1488834	24.19%	6.596%
16	12.297	935	937	940	rBV	68763	86516	1.41%	0.383%
17	12.365	940	943	947	rBV	88191	174368	2.83%	0.772%
18	12.525	954	957	959	rBV	50447	65341	1.06%	0.289%
19	12.674	968	970	973	rBV	584668	848728	13.79%	3.760%
20	13.600	1048	1051	1054	rBV	36990	63687	1.03%	0.282%
21	13.714	1058	1061	1069	rBV	1242441	1487219	24.16%	6.588%
22	14.217	1104	1105	1110	rBV2	29805	68205	1.11%	0.302%
23	14.697	1145	1147	1151	rBV	44863	92642	1.51%	0.410%
24	14.800	1154	1156	1160	rBV4	45390	87599	1.42%	0.388%
25	14.948	1167	1169	1172	rBV	37430	65296	1.06%	0.289%
26	15.051	1175	1178	1183	rBV	777841	978666	15.90%	4.336%
27	15.485	1213	1216	1218	rBV	51691	100472	1.63%	0.445%

Sum of corrected areas: 22573062

LSC Report - Integrated Chromatogram

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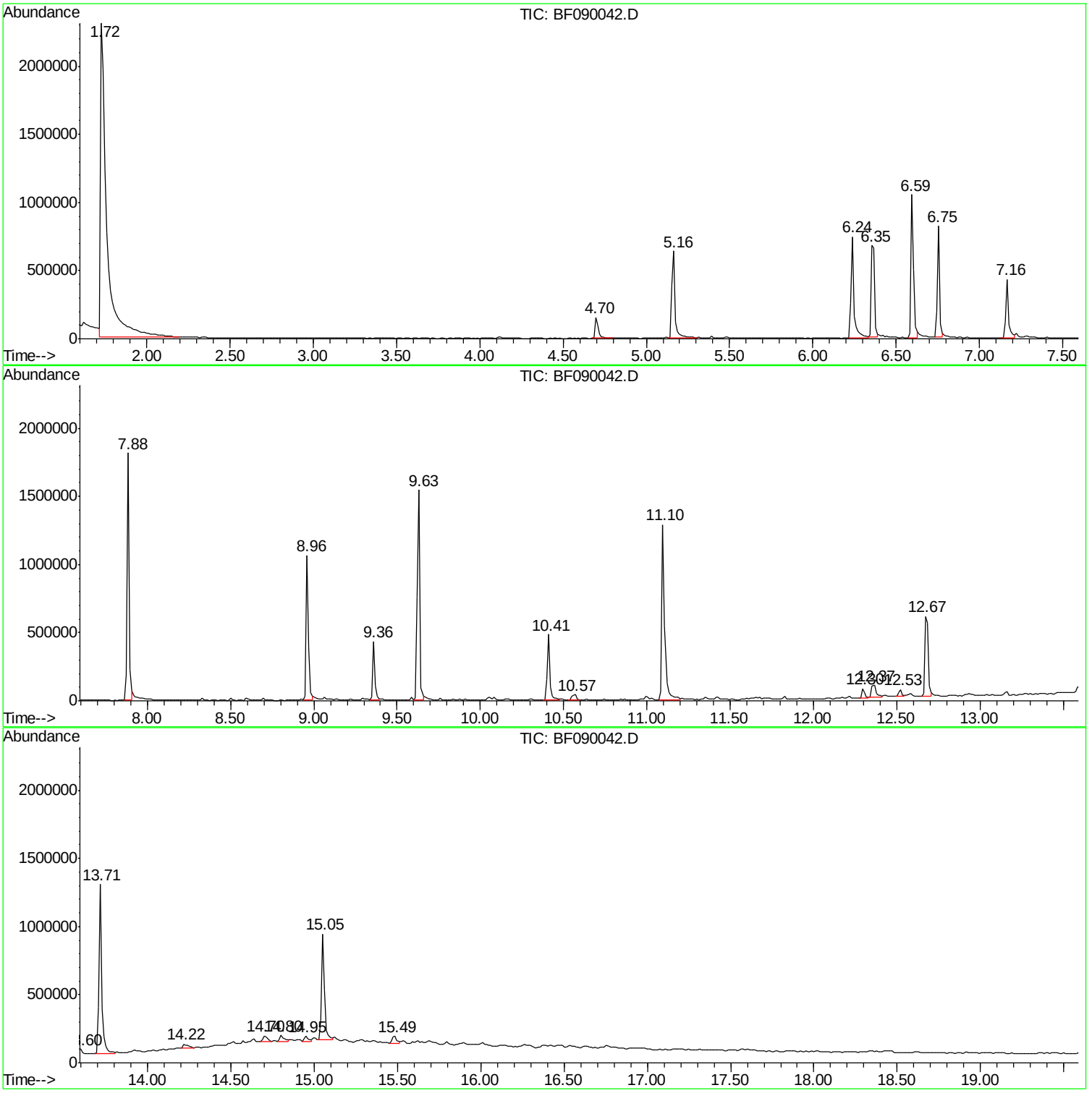
BNA_F
ClientSampleId :
DUP-A-082916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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Instrument : BNA_F
ClientSampleId : DUP-A-082916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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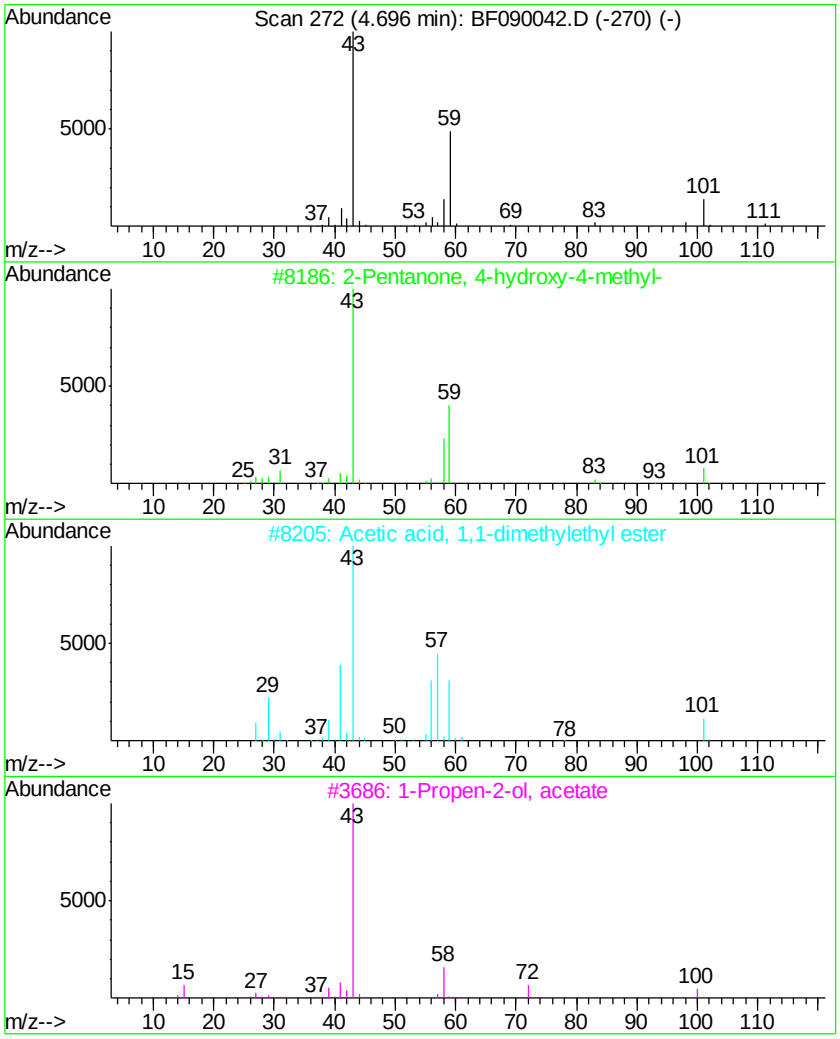
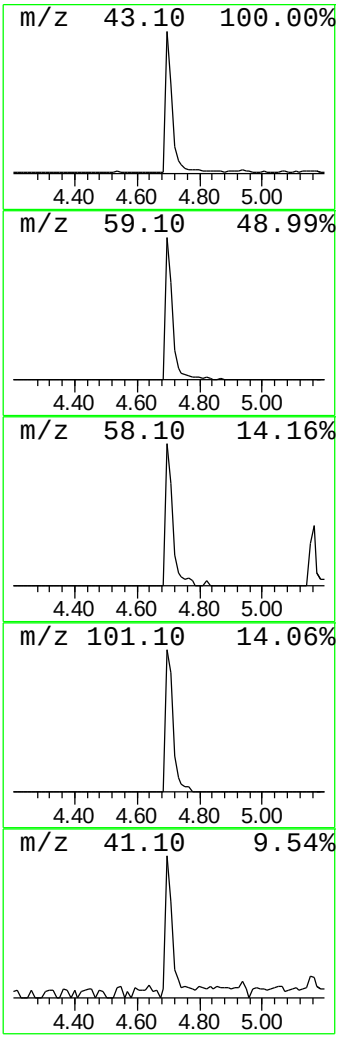
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	3.70 ng	216079	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : DUP-A-082916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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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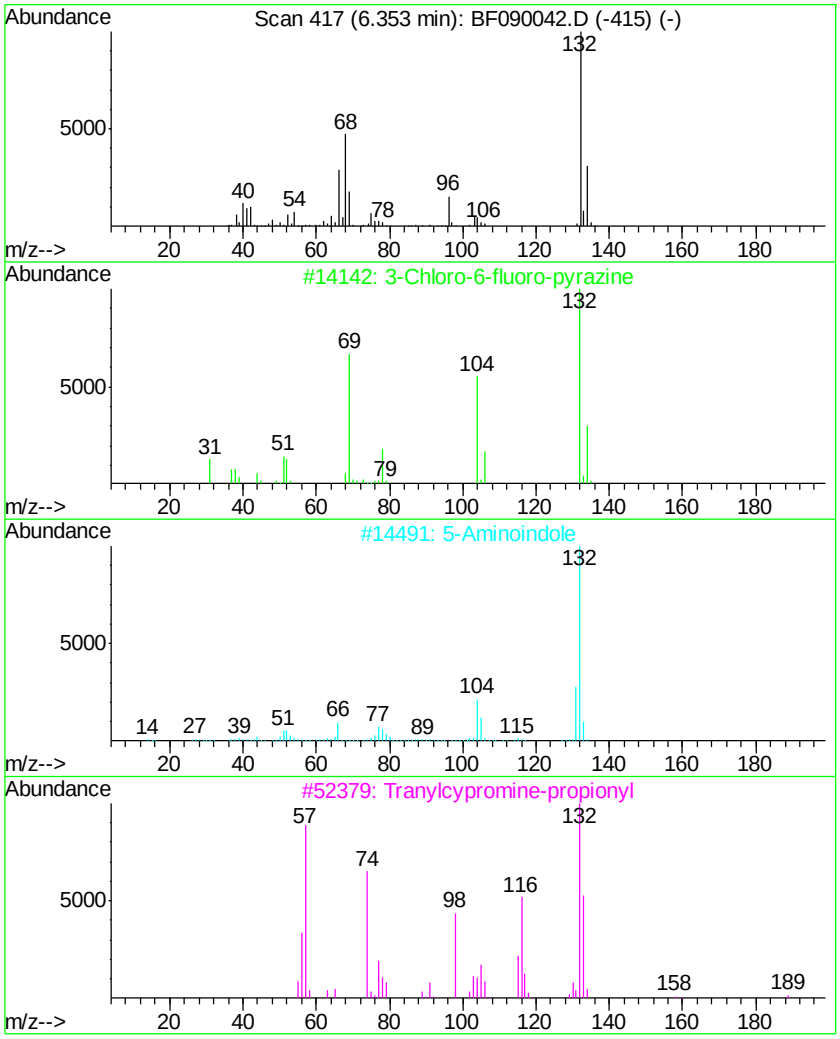
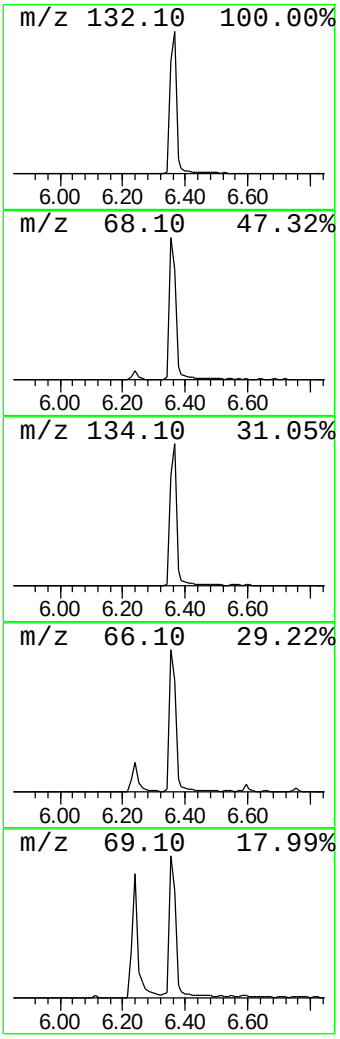
Peak Number 3 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	16.65 ng	971372	1,4-Dichlorobenzene-d4	6.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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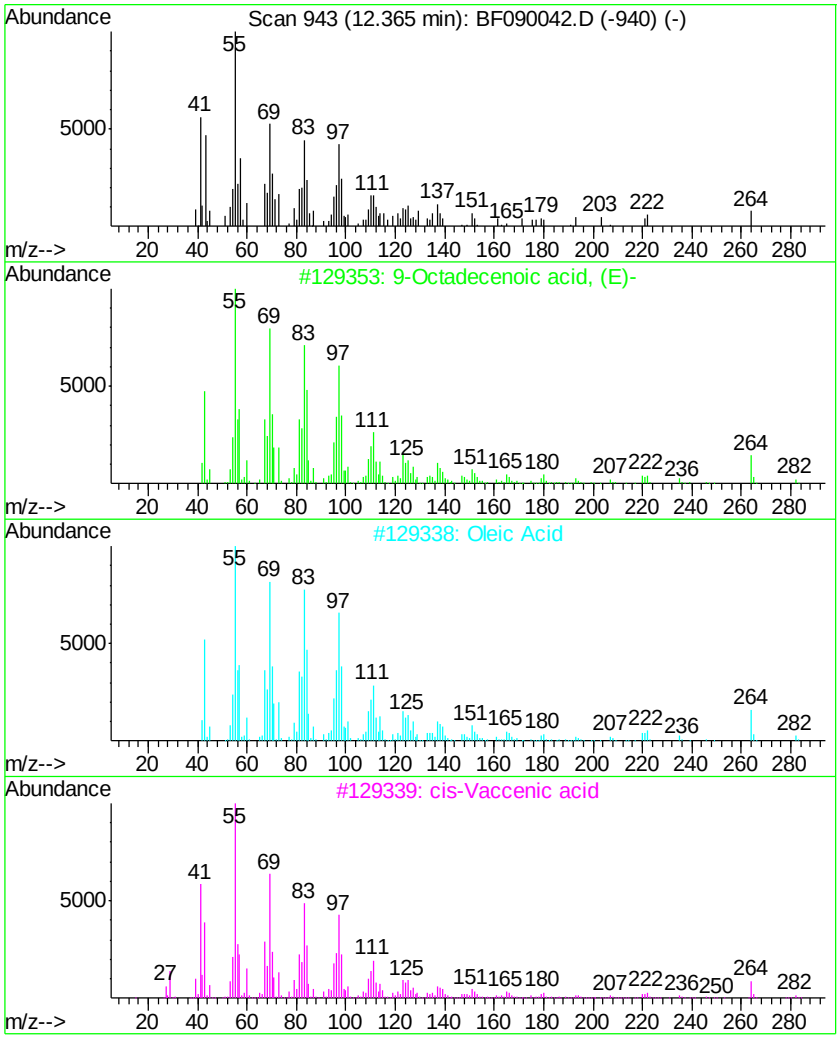
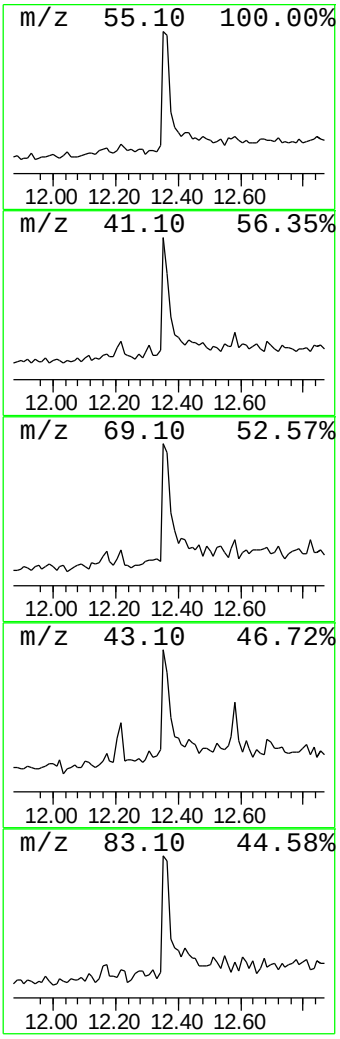
Peak Number 5 9-Octadecenoic acid, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.34 ng	174368	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
2	Oleic Acid	282	C18H34O2	000112-80-1	87
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	87
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	74
5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	70





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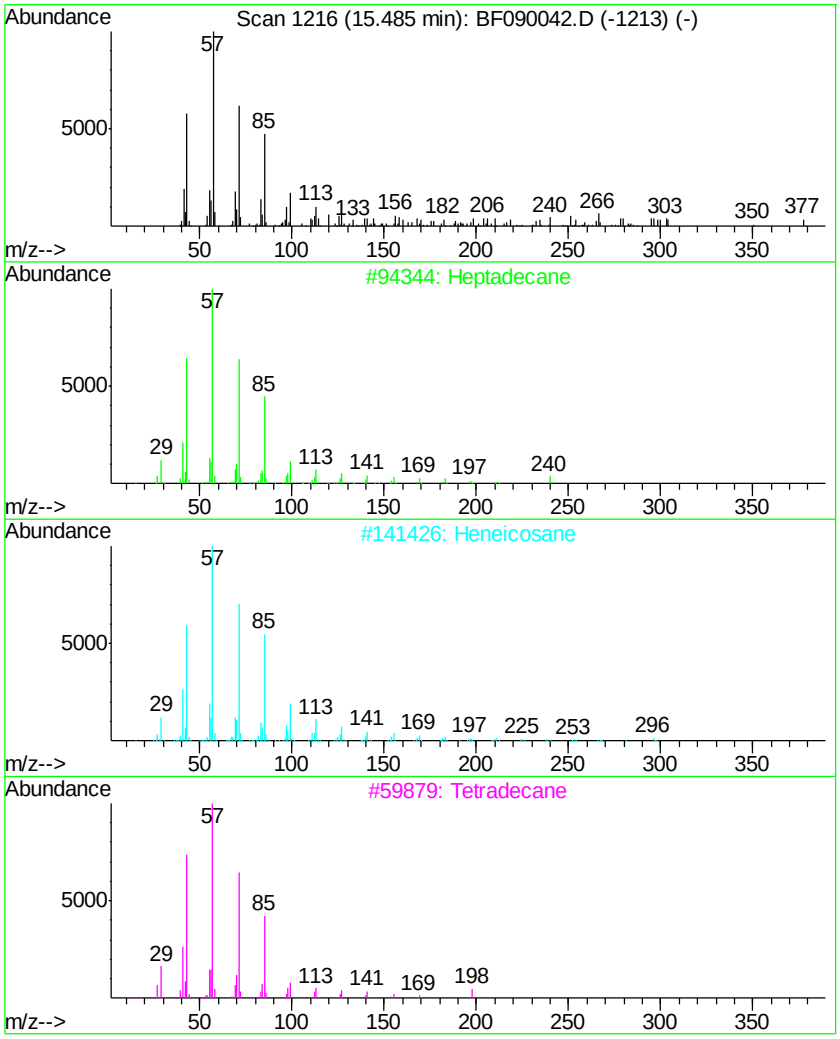
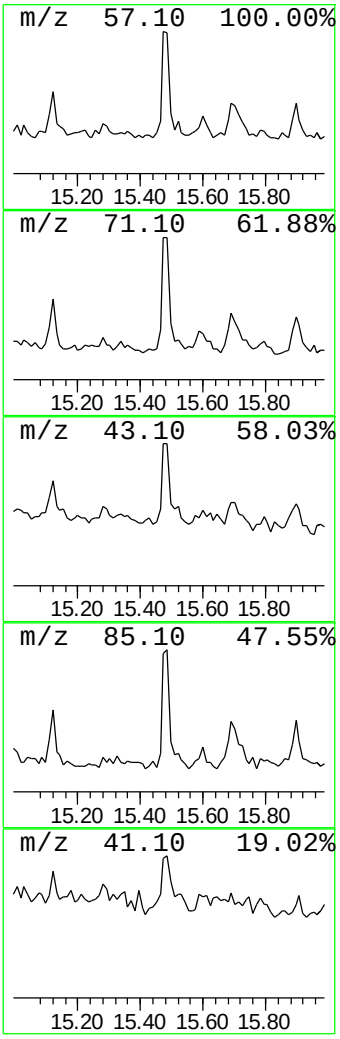
Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	2.05 ng	100472	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Tetracosane	338	C24H50	000646-31-1	58





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.70	3.7	ng	216079	1	6.59	1166610	20.0
unknown6.35	6.35	16.6	ng	971372	1	6.59	1166610	20.0
9-Octadecenoic ac...	12.37	2.3	ng	174368	4	11.10	1488830	20.0
Heptadecane	15.49	2.0	ng	100472	6	15.05	978666	20.0