LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086199.D
Acq On : 9 Apr 2016 5:46
Operator : UM/SJ
Sample : H2373-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-07(0.5-20.0)

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-BF040216.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	4.910	245	247	261	rBV	87971	153762	4.84%	0.592%
2	5.333	281	284	286	rBV	2352578	2979691	93.88%	11.469%
3	6.384	373	376	378	rBV	2421817	3042496	95.86%	11.710%
4	6.499	384	386	388	rBV	2819558	2810328	88.55%	10.817%
5	6.727	404	406	408	rBV	808502	721215	22.72%	2.776%
6	6.887	417	420	422	rBV	2016318	2424500	76.39%	9.332%
7	7.299	453	456	458	rBV	1829032	1841763	58.03%	7.089%
8	7.413	464	466	471	rVB	30955	40497	1.28%	0.156%
9	8.007	516	518	521	rBV	711132	877910	27.66%	3.379%
10	9.093	610	613	615	rBV	3040312	3173878	100.00%	12.216%
11	9.482	645	647	650	rBV	345904	443251	13.97%	1.706%
12	9.699	664	666	668	rBV	74584	59040	1.86%	0.227%
13	9.768	669	672	674	rVB	771995	903099	28.45%	3.476%
14	10.202	706	710	711	rBV	70965	104001	3.28%	0.400%
15	10.419	726	729	730	rBV	31176	47819	1.51%	0.184%
16	10.556	738	741	743	rBV	1654725	1638486	51.62%	6.306%
17	10.671	749	751	758	rVB	104974	129504	4.08%	0.498%
18	11.116	788	790	791	rBV	68388	58991	1.86%	0.227%
19	11.242	799	801	804	rBV	844432	795308	25.06%	3.061%
20	11.779	846	848	859	rBV2	36649	55855	1.76%	0.215%
21	12.831	937	940	942	rBV	2439463	2288497	72.10%	8.808%
22	13.745	1016	1020	1026	rBV	41950	98279	3.10%	0.378%
23	13.882	1029	1032	1034	rBV	717157	697143	21.97%	2.683%
24	14.625	1095	1097	1102	rBV3	22879	39490	1.24%	0.152%
25	15.277	1151	1154	1157	rBV	477242	556376	17.53%	2.141%

Sum of corrected areas: 25981179

LSC Report - Integrated Chromatogram

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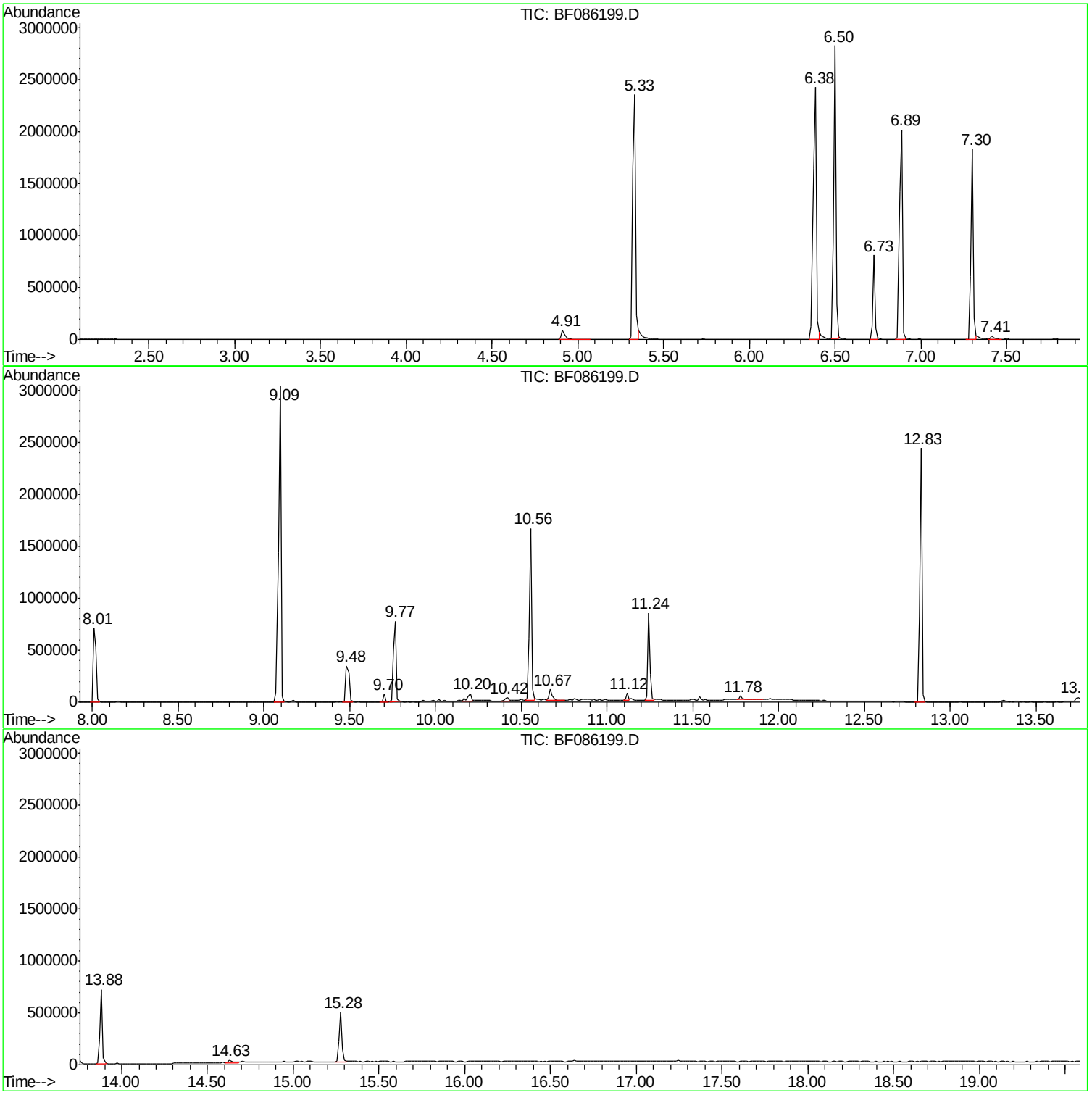
AMBOY-SB-07(0.5-20.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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TIC Integration Parameters: LSCINT.P

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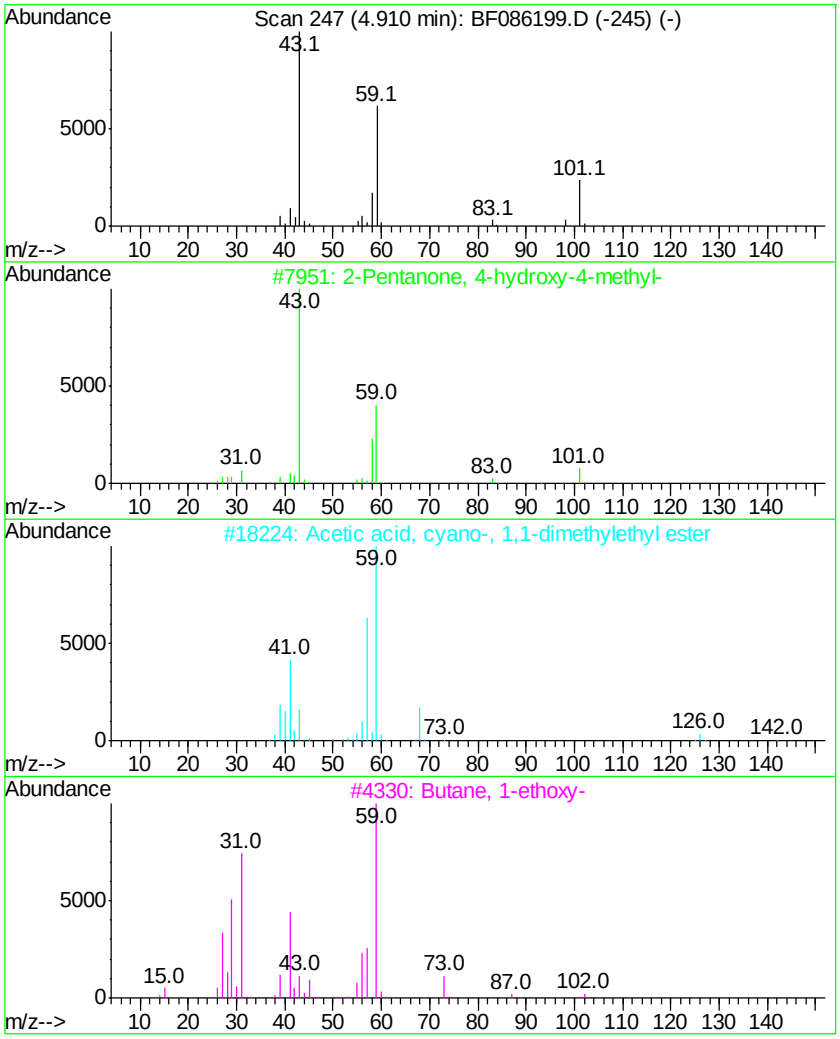
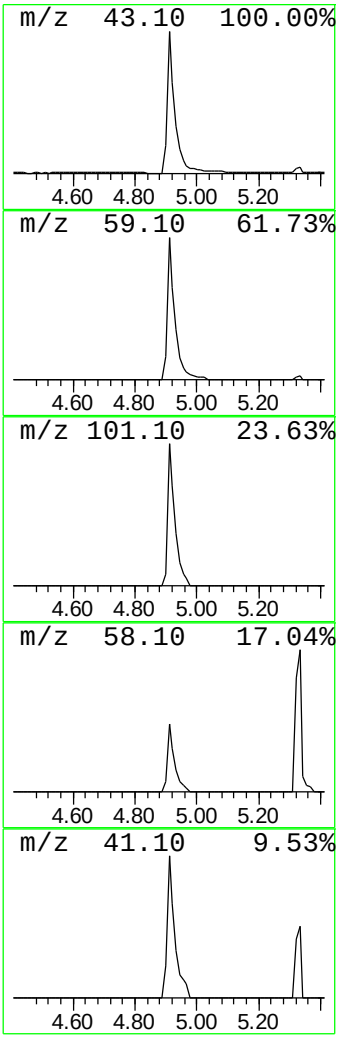
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	4.26 ng	153762	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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TIC Integration Parameters: LSCINT.P

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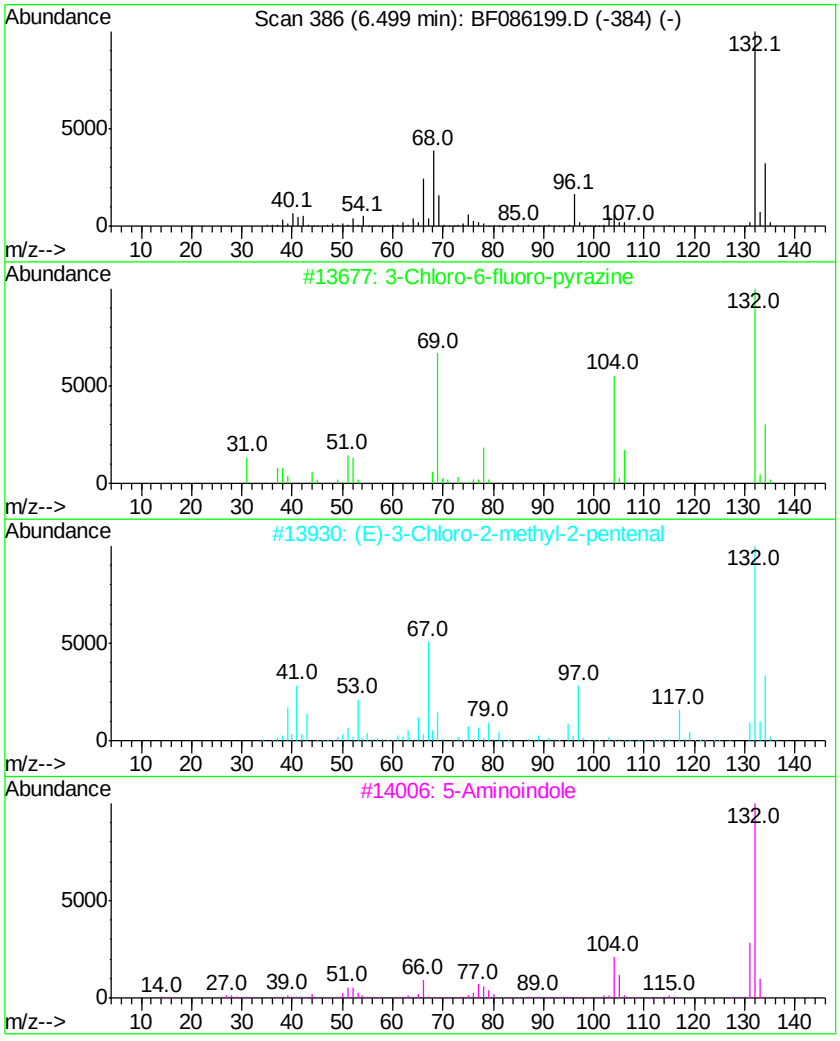
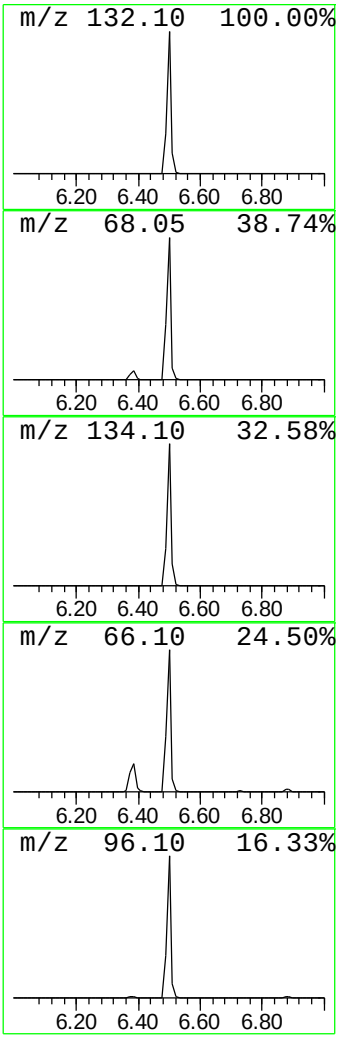
Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	77.93 ng	2810330	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9





Library Search Compound Report

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Operator : UM/SJ
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Misc :
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BNA_F
ClientSampleId :
AMBOY-SB-07(0.5-20.0)

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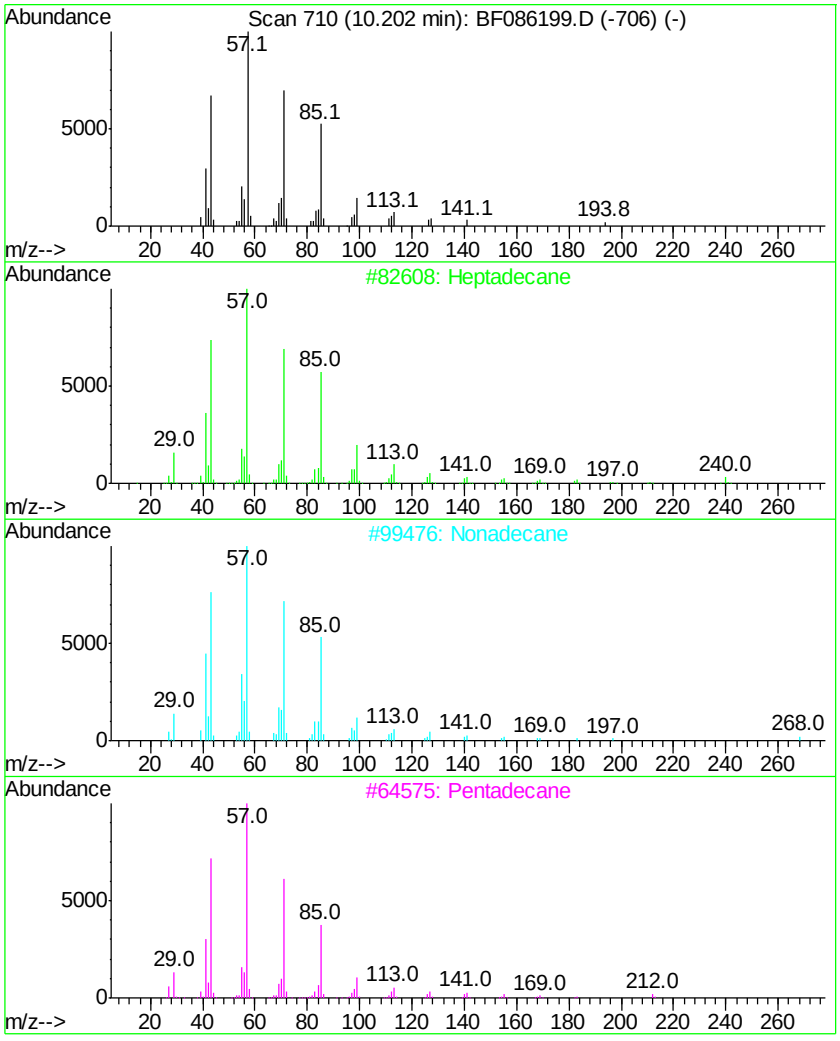
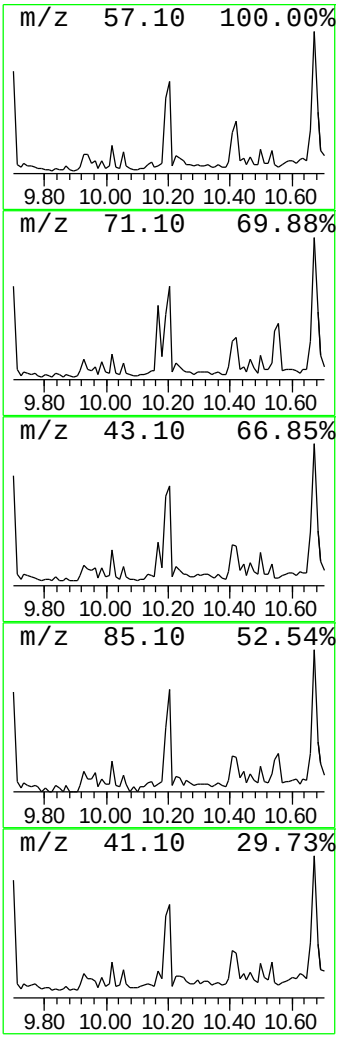
Peak Number 4 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.30 ng	104001	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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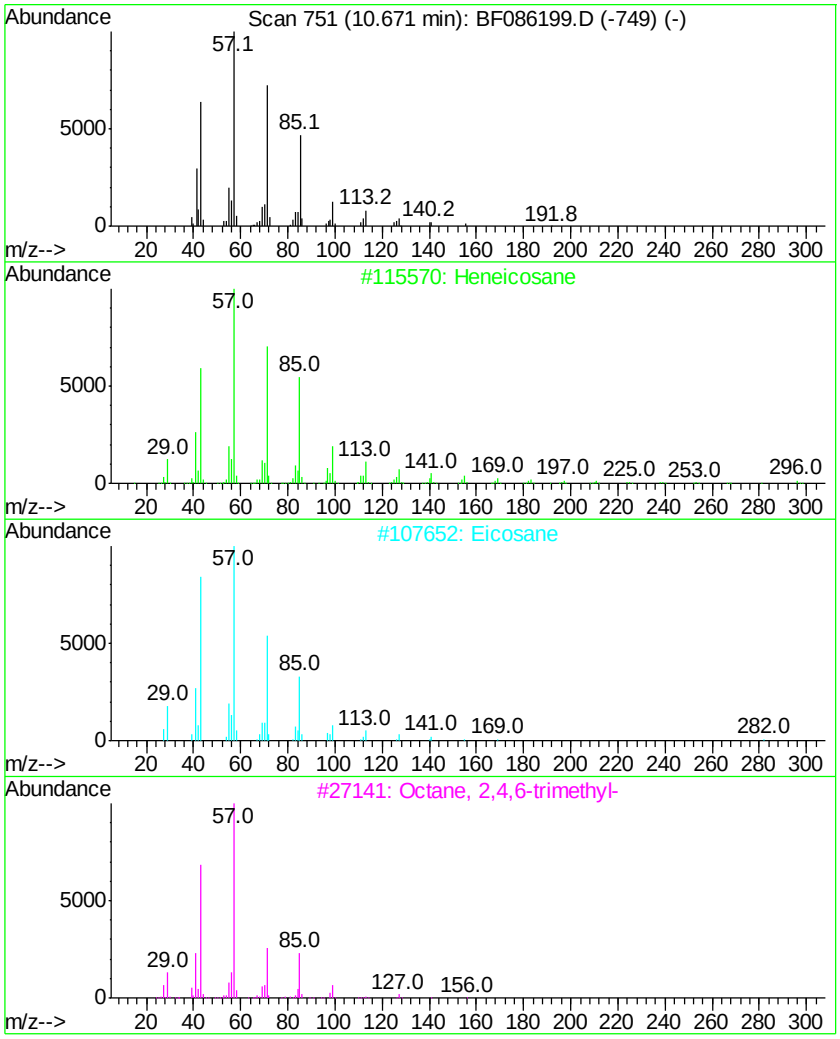
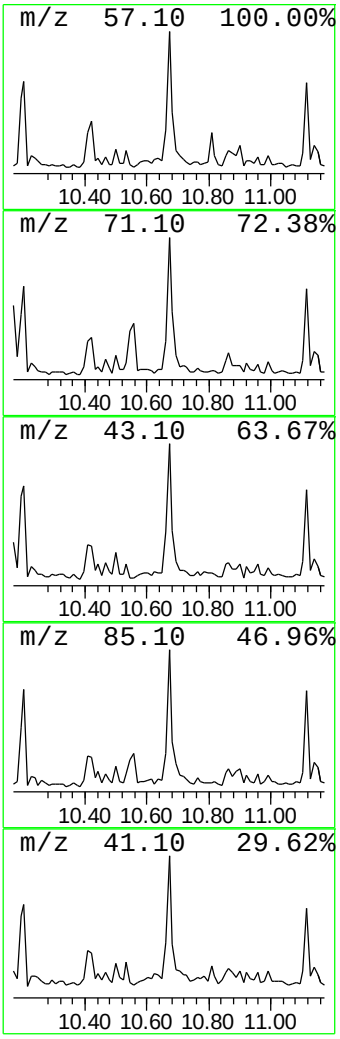
Peak Number 5 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	3.26 ng	129504	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Heptadecane	240	C17H36	000629-78-7	83





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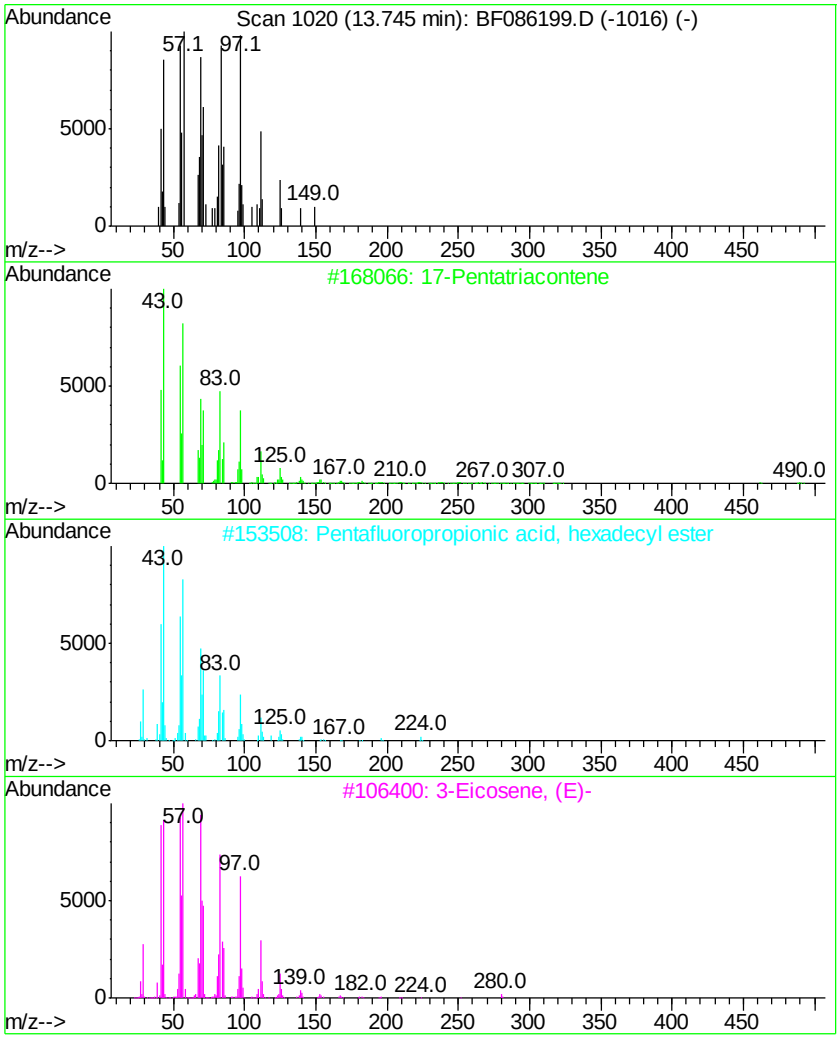
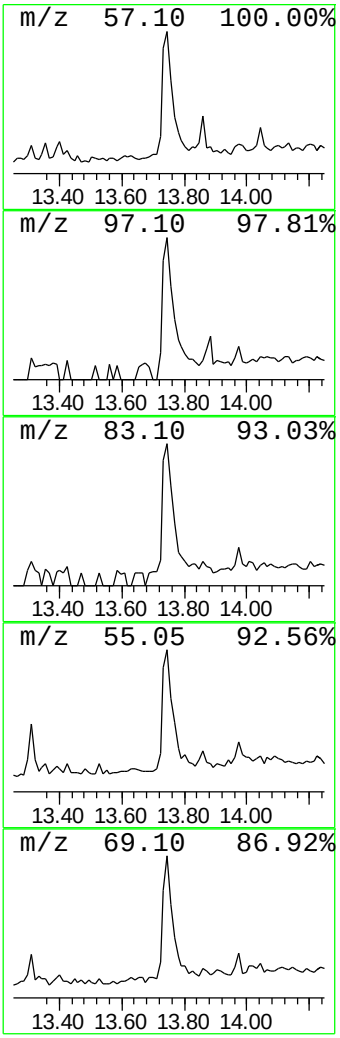
Peak Number 6 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.82 ng	98279	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	1-Tetracosanol	354	C24H50O	000506-51-4	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-hy...	4.91	4.3	ng	153762	1	6.73	721215	20.0
unknown6.50	6.50	77.9	ng	2810330	1	6.73	721215	20.0
Heptadecane	10.20	2.3	ng	104001	3	9.77	903099	20.0
Heneicosane	10.67	3.3	ng	129504	4	11.24	795308	20.0
17-Pentatriacontene	13.75	2.8	ng	98279	5	13.88	697143	20.0