LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090960.D
Acq On : 1 Nov 2016 19:32
Operator : UM/SJ
Sample : H5489-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-76-0.5-1.0

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-BF102616.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	4.898	243	246	258	rBV	703728	1055787	20.34%	2.429%
2	5.333	281	284	287	rBV	3898038	4109836	79.18%	9.454%
3	6.384	373	376	378	rBV	3876200	4570586	88.06%	10.514%
4	6.510	384	387	389	rBV	3346432	4644021	89.47%	10.683%
5	6.739	405	407	409	rBV	890121	957790	18.45%	2.203%
6	6.887	418	420	423	rBV	2706936	3124557	60.20%	7.188%
7	7.299	454	456	459	rBV	2025696	2710107	52.21%	6.234%
8	7.413	464	466	474	rVB	31157	74247	1.43%	0.171%
9	8.019	517	519	522	rBV	1376158	1373909	26.47%	3.161%
10	9.105	611	614	616	rBV	5152274	5190374	100.00%	11.940%
11	9.493	646	648	651	rBV	897200	1066774	20.55%	2.454%
12	9.722	661	668	670	rBV2	36538	83125	1.60%	0.191%
13	9.779	670	673	675	rBV	1205423	1623721	31.28%	3.735%
14	10.213	707	711	713	rBV2	118032	141084	2.72%	0.325%
15	10.430	727	730	734	rBV	40456	80702	1.55%	0.186%
16	10.568	739	742	744	rBV	2926486	3408374	65.67%	7.841%
17	10.693	751	753	757	rVB	98573	170635	3.29%	0.393%
18	11.139	790	792	793	rBV	68409	77881	1.50%	0.179%
19	11.253	800	802	805	rBV	1846435	1602288	30.87%	3.686%
20	11.322	805	808	812	rVB2	25537	58759	1.13%	0.135%
21	11.493	820	823	827	rBV	222473	253496	4.88%	0.583%
22	12.842	938	941	944	rBV	4556601	4599046	88.61%	10.580%
23	13.745	1017	1020	1030	rBV	331623	471481	9.08%	1.085%
24	13.882	1030	1032	1035	rBV	932659	1204140	23.20%	2.770%
25	15.288	1152	1155	1157	rBV	551200	817461	15.75%	1.881%

Sum of corrected areas: 43470181

LSC Report - Integrated Chromatogram

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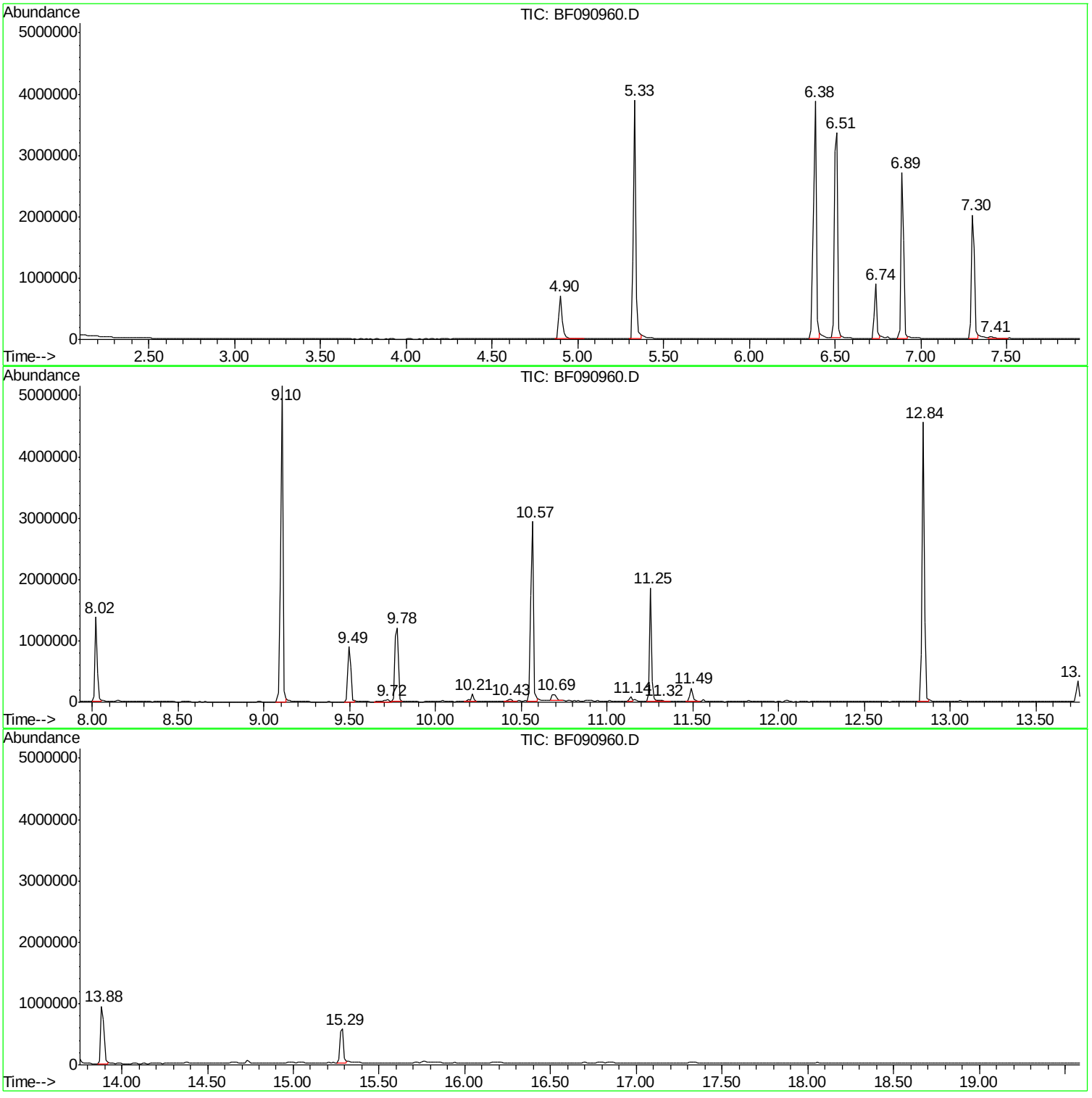
Instrument :
BNA_F
ClientSampleId :
SB-76-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090960.D
Acq On : 1 Nov 2016 19:32
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Sample : H5489-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-76-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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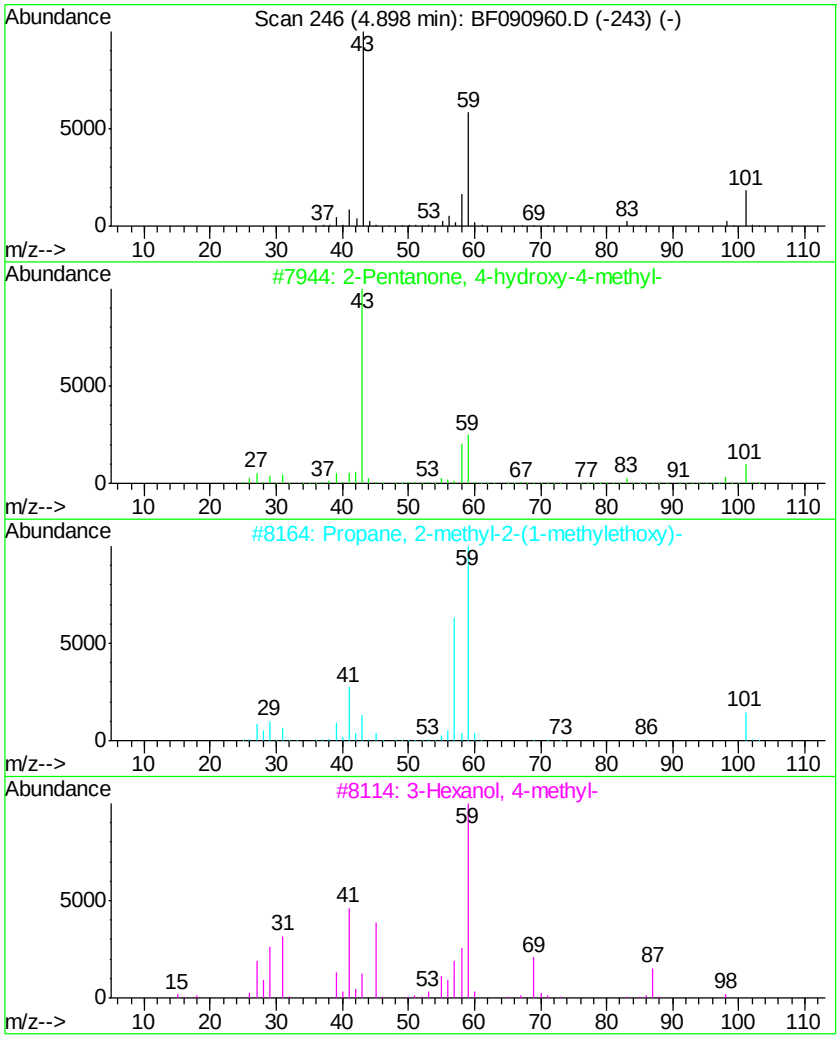
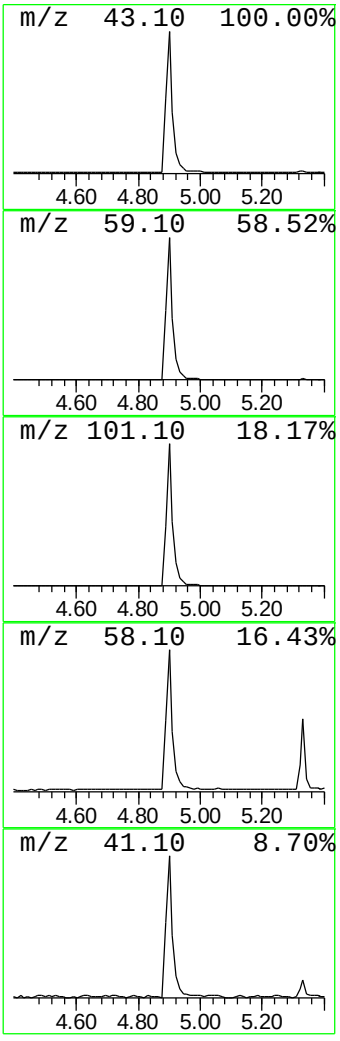
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	22.05 ng	1055790	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Instrument : BNA_F
ClientSampleId : SB-76-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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TIC Library : C:\DATABASE\NIST02.L
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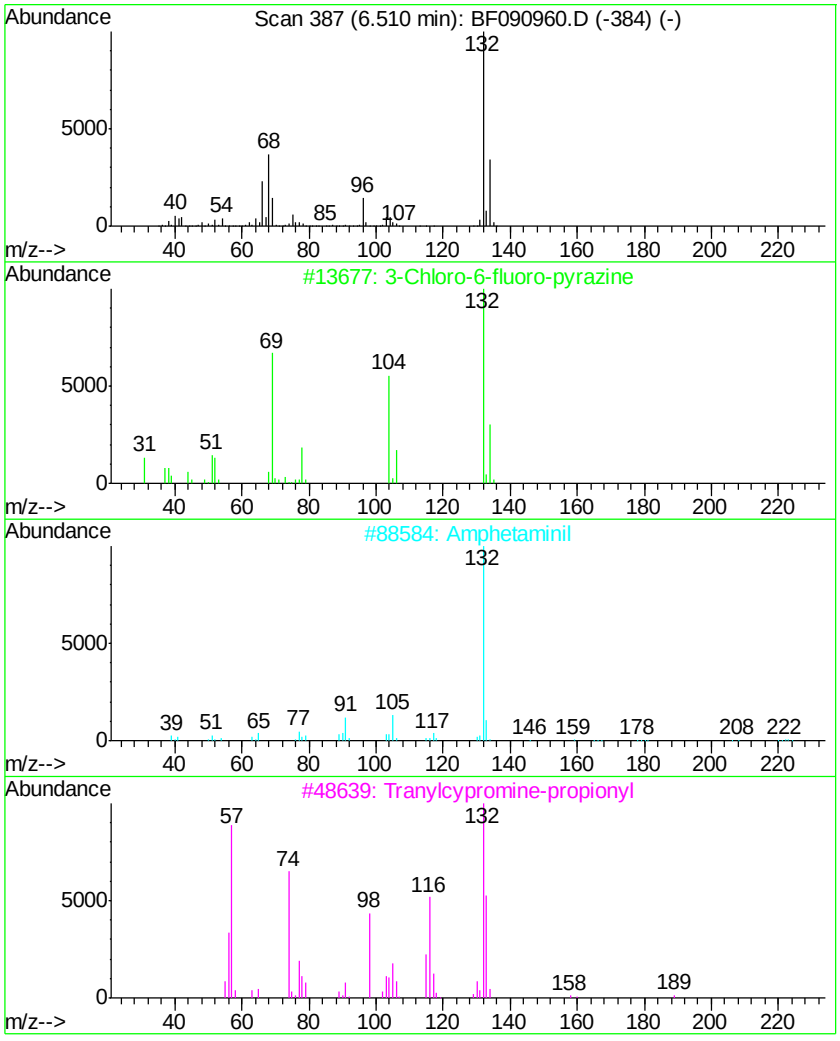
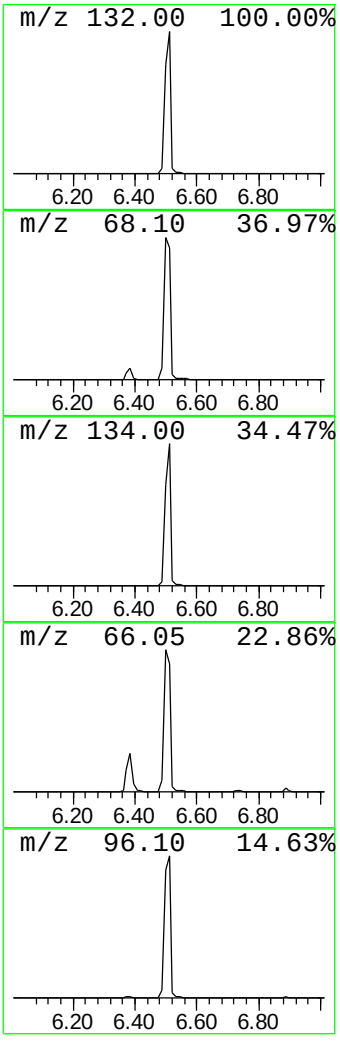
Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	96.97 ng	4644020	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Amphetaminil	250	C17H18N2	017590-01-1	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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ClientSampleId : SB-76-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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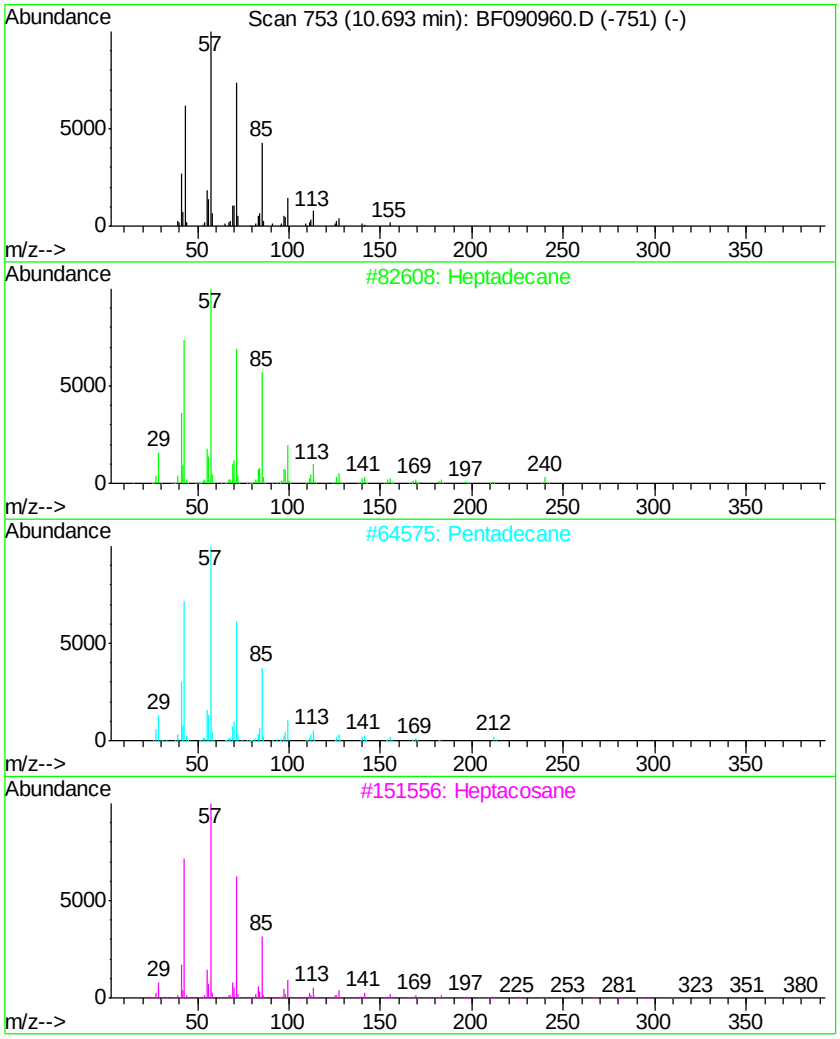
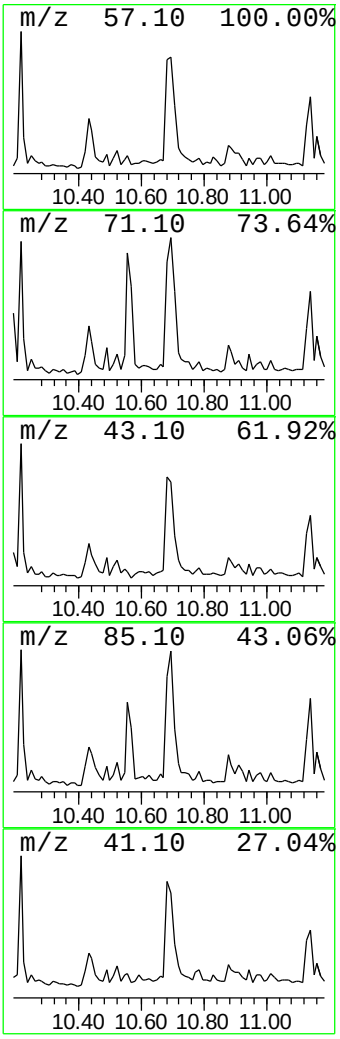
Peak Number 4 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	2.13 ng	170635	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Eicosane	282	C20H42	000112-95-8	90





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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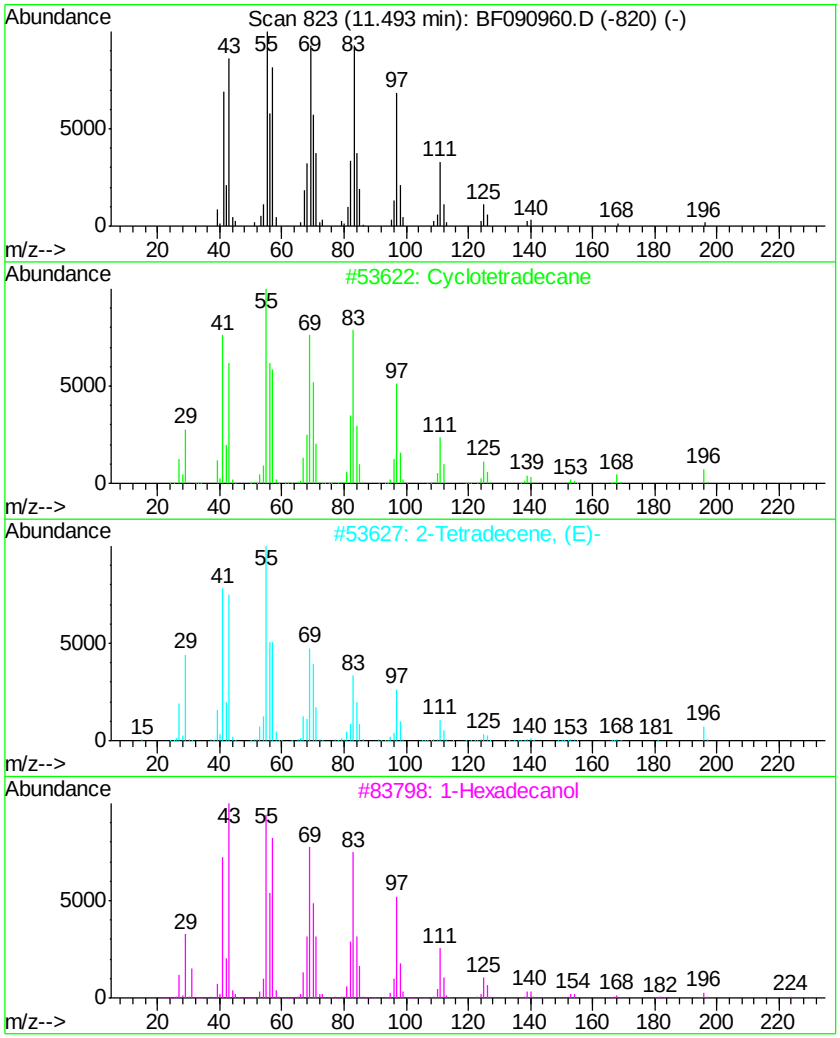
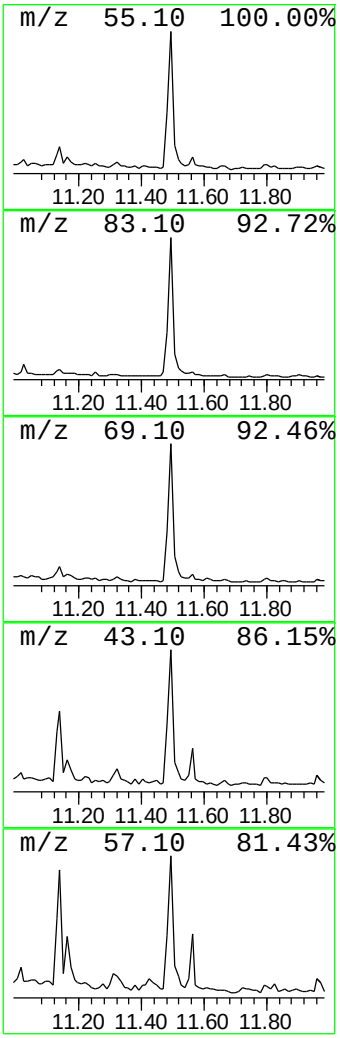
Peak Number 5 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	3.16 ng	253496	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	96
2	2-Tetradecene, (E)-	196	C14H28	035953-53-8	96
3	1-Hexadecanol	242	C16H34O	036653-82-4	94
4	1-Tetradecene	196	C14H28	001120-36-1	91
5	Cyclododecane	168	C12H24	000294-62-2	91





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Sample : H5489-18
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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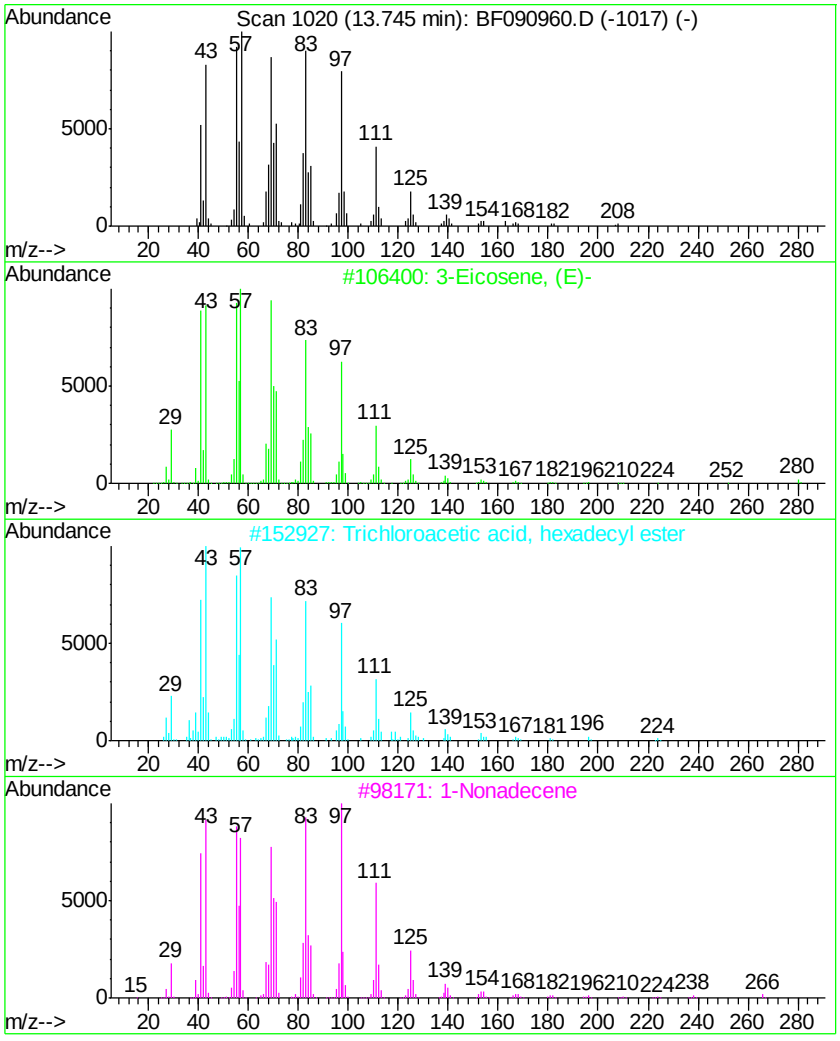
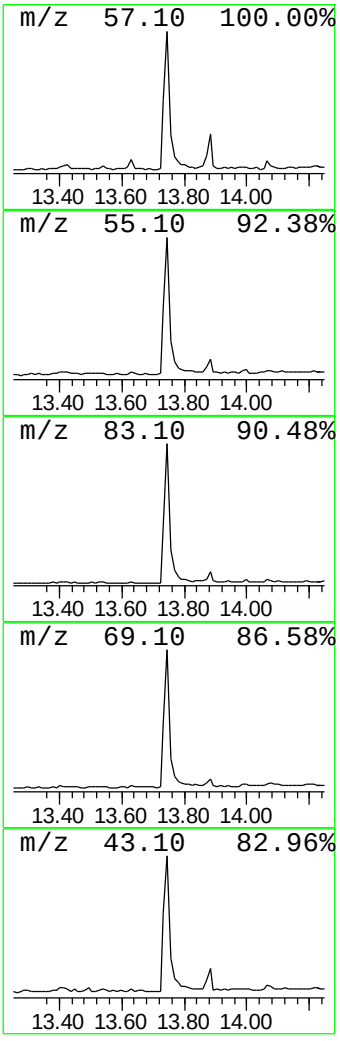
****

Peak Number 6 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	7.83 ng	471481	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	1-Heptadecanol	256	C17H36O	001454-85-9	90





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	22.1	ng	1055790	1	6.74	957790	20.0
unknown6.51	6.51	97.0	ng	4644020	1	6.74	957790	20.0
Heptadecane	10.69	2.1	ng	170635	4	11.25	1602290	20.0
Cyclotetradecane	11.49	3.2	ng	253496	4	11.25	1602290	20.0
3-Eicosene, (E)-	13.75	7.8	ng	471481	5	13.89	1204140	20.0