LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

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-BF050416.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	6.727	400	406	408	rBV2	3515315	5637880	6.84%	1.572%
2	6.796	408	412	413	rBV	1870762	2466130	2.99%	0.688%
3	6.842	413	416	418	rVV	4611341	8408538	10.20%	2.344%
4	6.990	421	429	433	rVV	6836260	17774033	21.55%	4.955%
5	7.070	433	436	438	rVV	8220289	16444287	19.94%	4.585%
6	7.104	438	439	441	rVV2	2503262	4576685	5.55%	1.276%
7	7.162	441	444	448	rVV2	7745932	18968283	23.00%	5.288%
8	7.230	448	450	452	rVV	5046273	10384662	12.59%	2.895%
9	7.264	452	453	454	rVV	4167903	4298861	5.21%	1.199%
10	7.333	454	459	460	rVV	9263236	22691085	27.51%	6.326%
11	7.367	460	462	464	rVV2	3053918	6912132	8.38%	1.927%
12	7.447	464	469	470	rVV4	4103138	12907303	15.65%	3.599%
13	7.482	470	472	474	rVV	6598586	12310650	14.93%	3.432%
14	7.516	474	475	477	rVV2	3800377	6208704	7.53%	1.731%
15	7.562	477	479	482	rVV2	2784882	7755746	9.40%	2.162%
16	7.619	482	484	488	rVV3	3282144	9342773	11.33%	2.605%
17	7.699	488	491	493	rVV2	4330088	11854273	14.37%	3.305%
18	7.756	493	496	497	rVV	6779309	15123502	18.34%	4.216%
19	7.790	497	499	504	rVV	7237011	17984453	21.81%	5.014%
20	7.996	504	517	522	rVV3	13389947	82468826	100.00%	22.993%
21	8.076	522	524	526	rVV	2985753	4432615	5.37%	1.236%
22	8.122	526	528	529	rVV	1444219	1956500	2.37%	0.545%
23	8.293	541	543	546	rVV2	1211992	2625427	3.18%	0.732%
24	8.339	546	547	549	rVV	1248102	1820064	2.21%	0.507%
25	8.373	549	550	551	rVV	1176269	1104717	1.34%	0.308%
26	8.419	551	554	556	rVV2	810887	1784336	2.16%	0.497%
27	9.116	612	615	616	rBV	1785354	2375807	2.88%	0.662%
28	9.733	667	669	672	rBV2	1366103	1569915	1.90%	0.438%
29	11.219	796	799	801	rBV	1299651	1462885	1.77%	0.408%
30	12.511	901	912	915	rBV2	6522621	23982738	29.08%	6.686%
31	12.568	915	917	921	rVV	446517	851306	1.03%	0.237%
32	12.636	921	923	926	rVV2	605935	853898	1.04%	0.238%
33	12.911	945	947	949	rBV2	1022037	1557245	1.89%	0.434%
34	12.956	949	951	952	rVV	572071	858017	1.04%	0.239%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

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-BF050416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.036	955	958	961	rVV4	875457	2023889	2.45%	0.564%
36	13.094	961	963	965	rVV	773736	1143227	1.39%	0.319%
37	13.848	1027	1029	1032	rVV2	1044460	2618974	3.18%	0.730%
38	13.905	1032	1034	1035	rVV	1025779	1362673	1.65%	0.380%
39	13.985	1038	1041	1043	rVV3	1054247	2337187	2.83%	0.652%
40	14.031	1043	1045	1047	rVV	1195966	1523378	1.85%	0.425%
41	14.077	1047	1049	1053	rVB	622796	857392	1.04%	0.239%
42	14.705	1102	1104	1106	rBV2	643152	969567	1.18%	0.270%
43	14.751	1106	1108	1109	rVV	605891	887291	1.08%	0.247%
44	14.831	1113	1115	1117	rVV2	691194	1333551	1.62%	0.372%
45	14.877	1117	1119	1121	rVV	540399	853437	1.03%	0.238%
46	15.231	1147	1150	1156	rVB	594746	1010569	1.23%	0.282%

Sum of corrected areas: 358675411

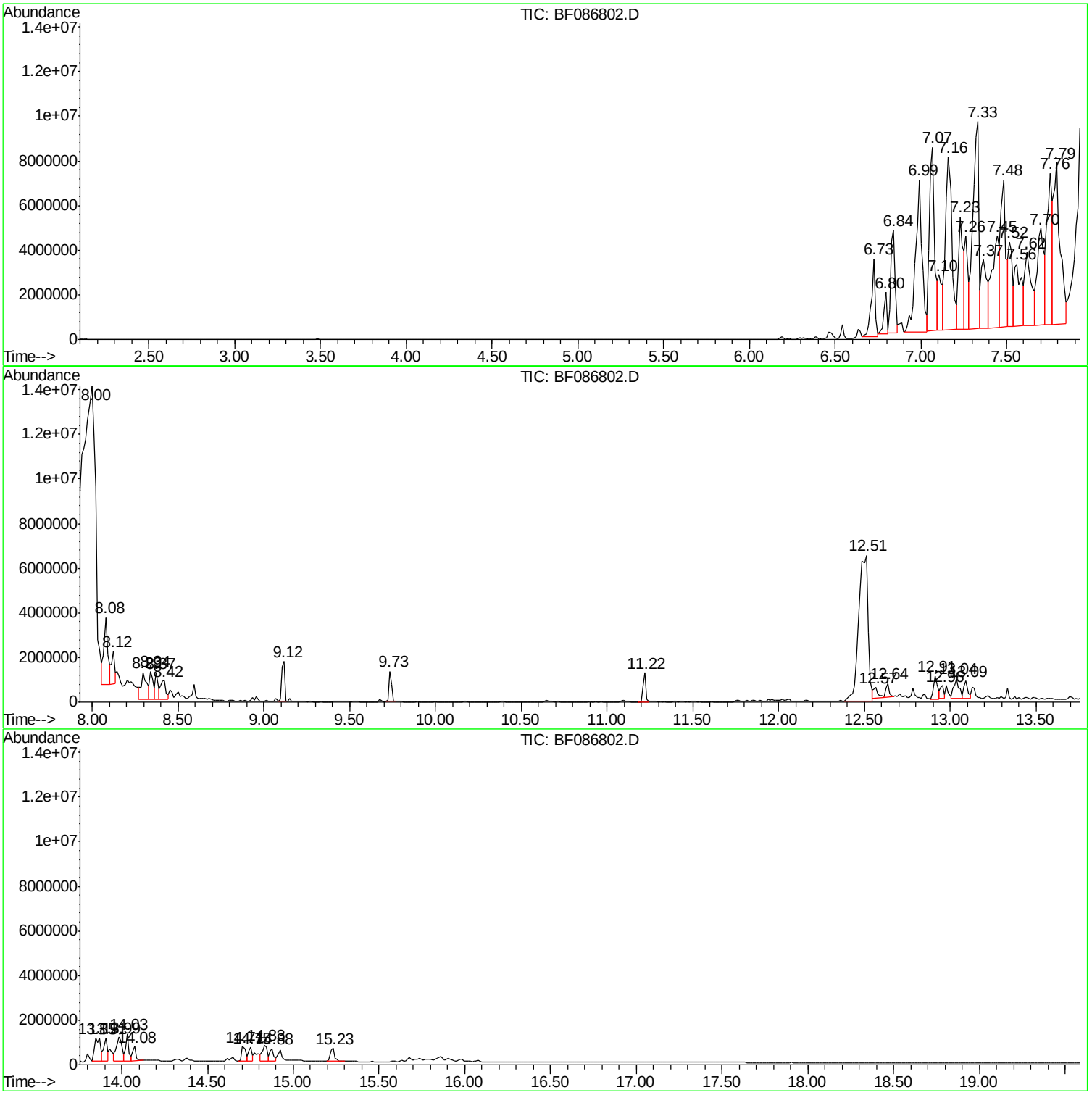
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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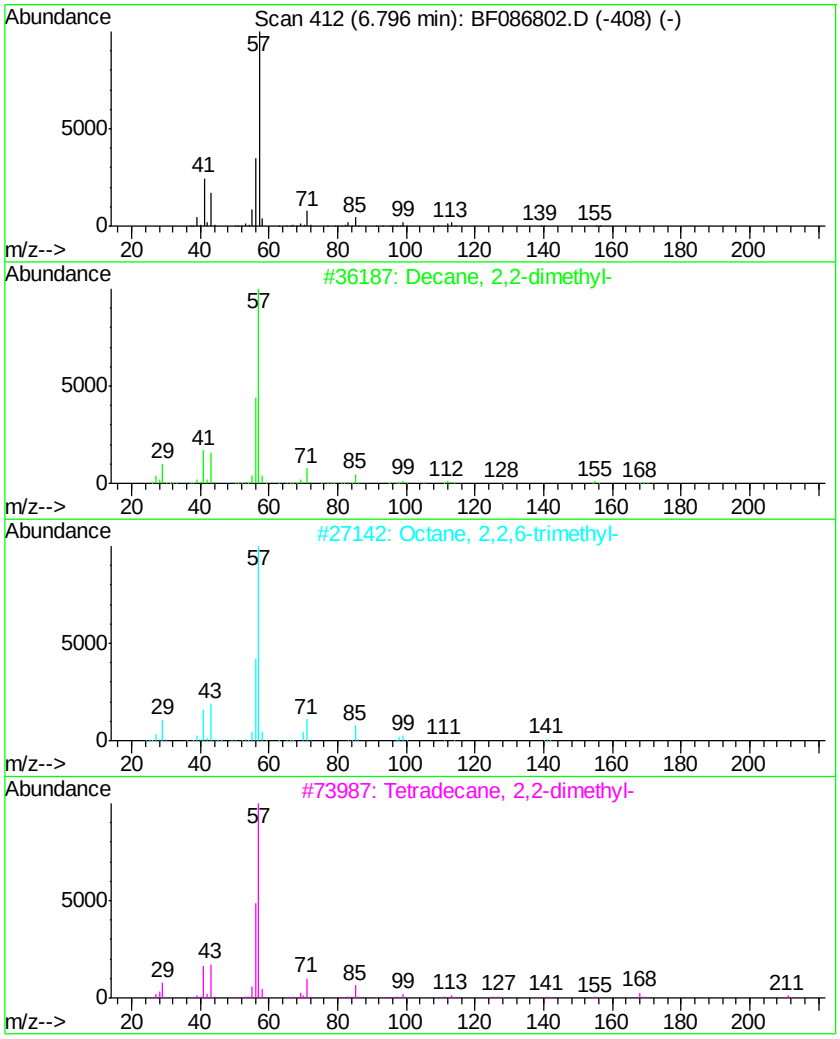
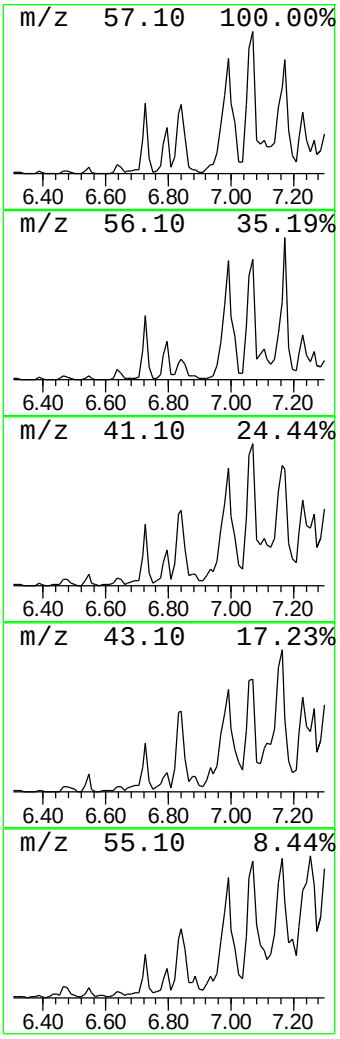
Peak Number 1 Decane, 2,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	17.50 ng	2466130	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
3	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	59
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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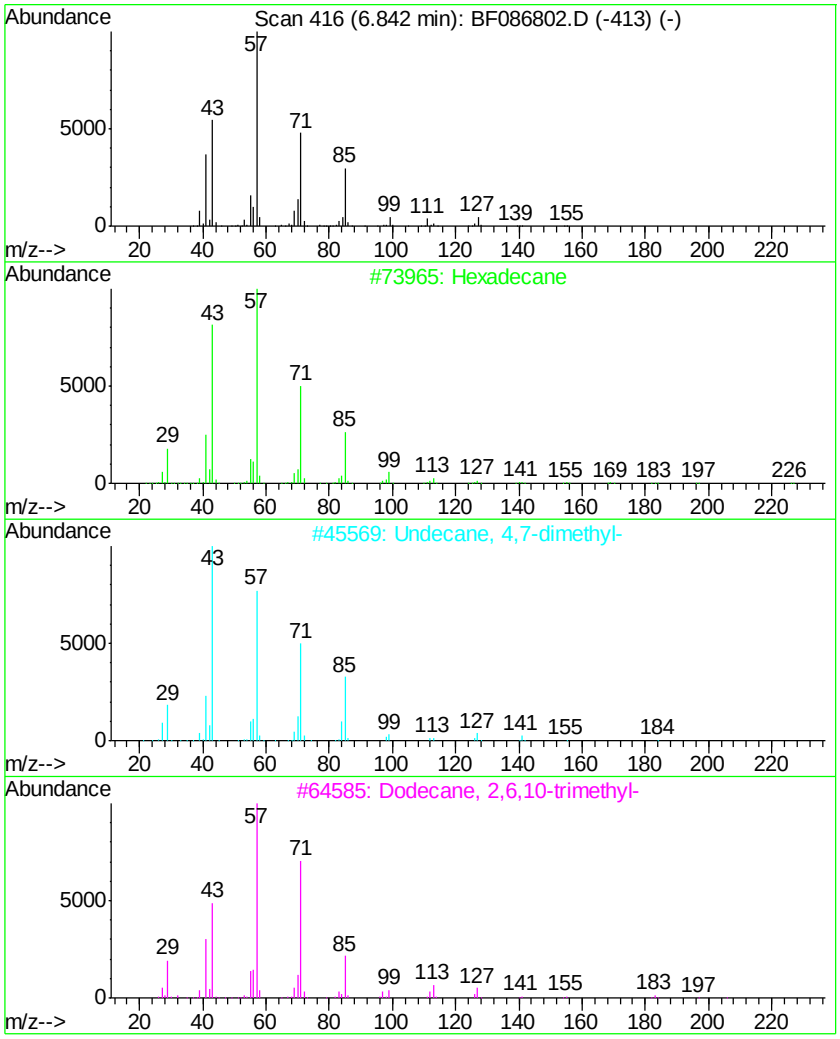
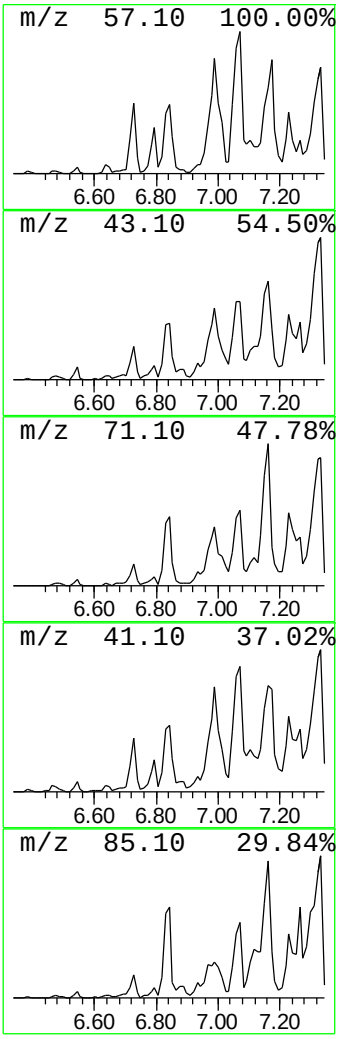
Peak Number 2 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	59.66 ng	8408540	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	78
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

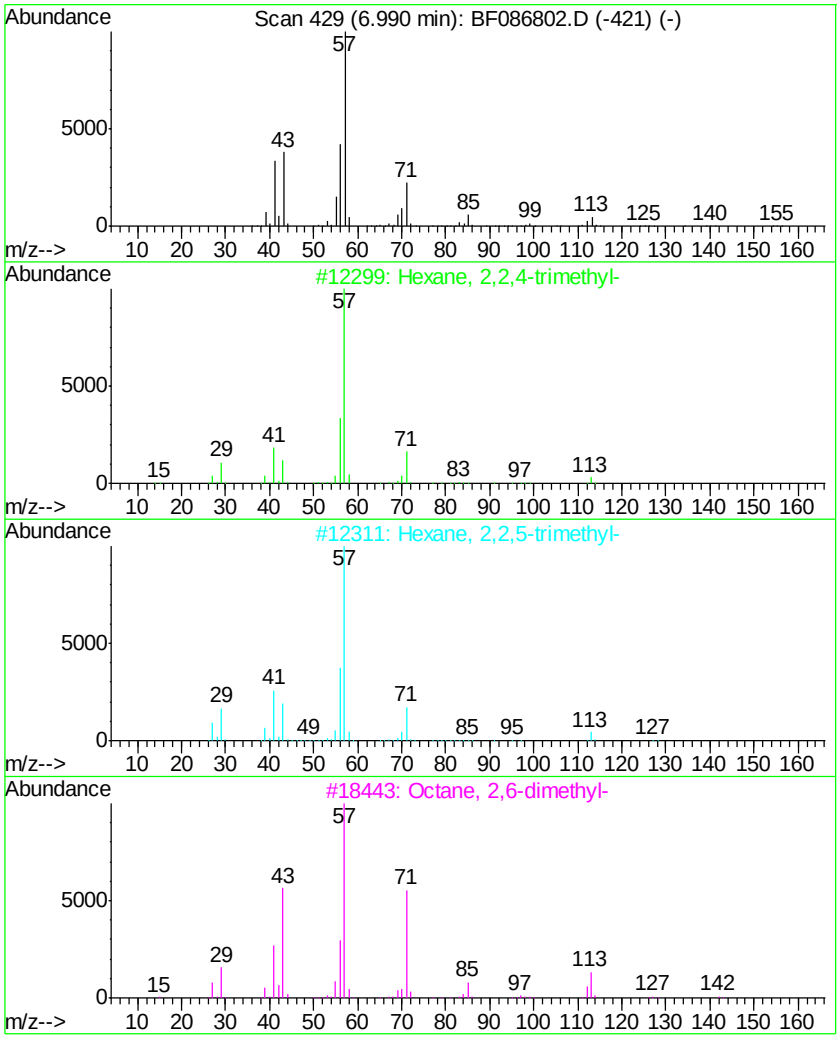
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

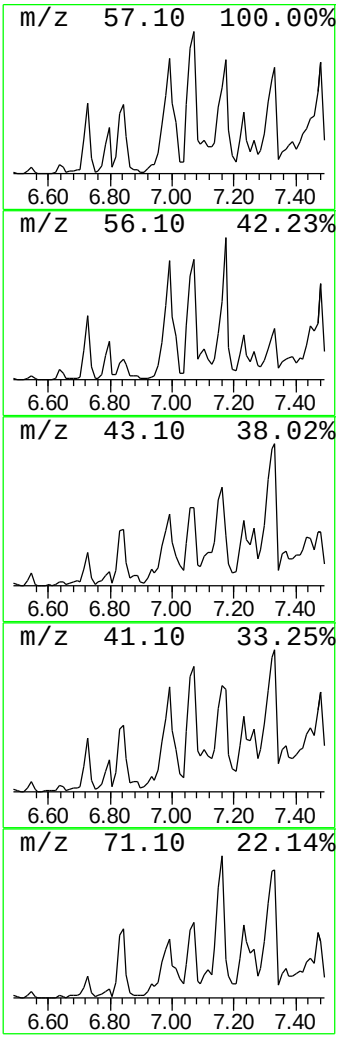
****

Peak Number 3 Hexane, 2,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	126.10 ng	17774000	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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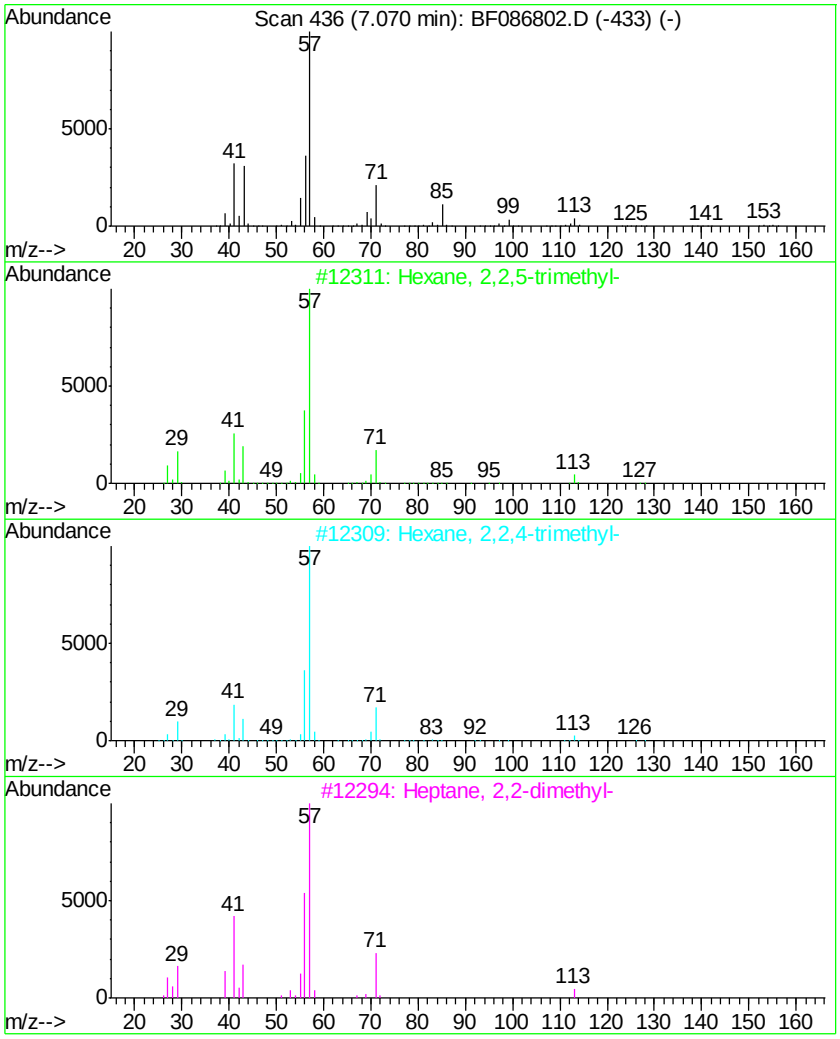
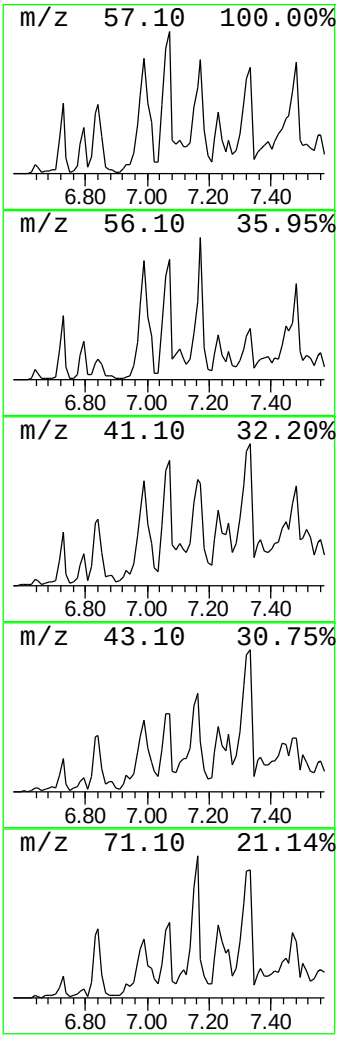
Peak Number 4 Hexane, 2,2,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	116.67 ng	16444300	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
4	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	50
5	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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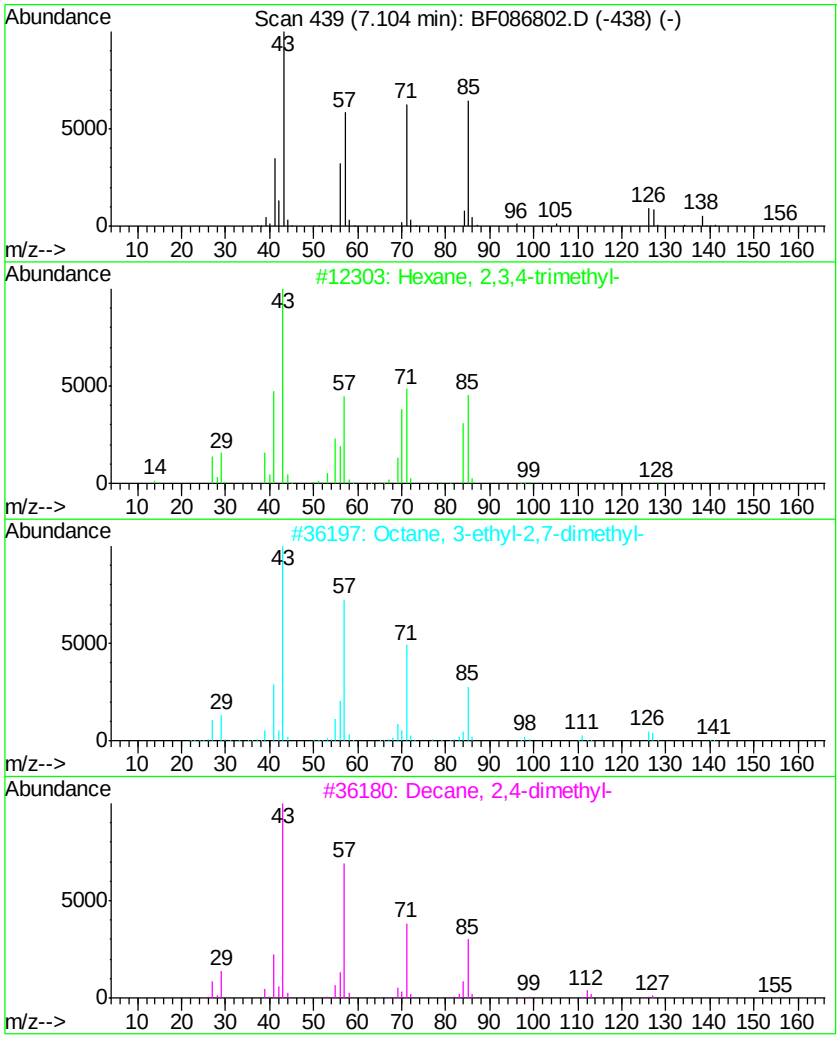
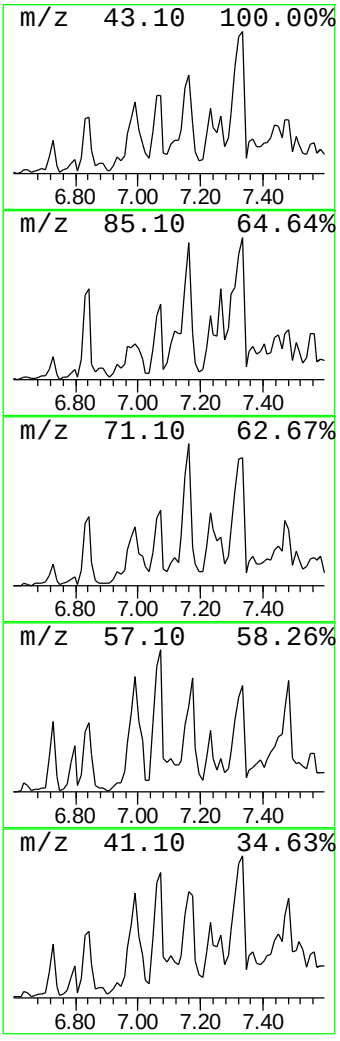
Peak Number 5 Hexane, 2,3,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	32.47 ng	4576690	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	80
2	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
3	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
4	Eicosane	282	C20H42	000112-95-8	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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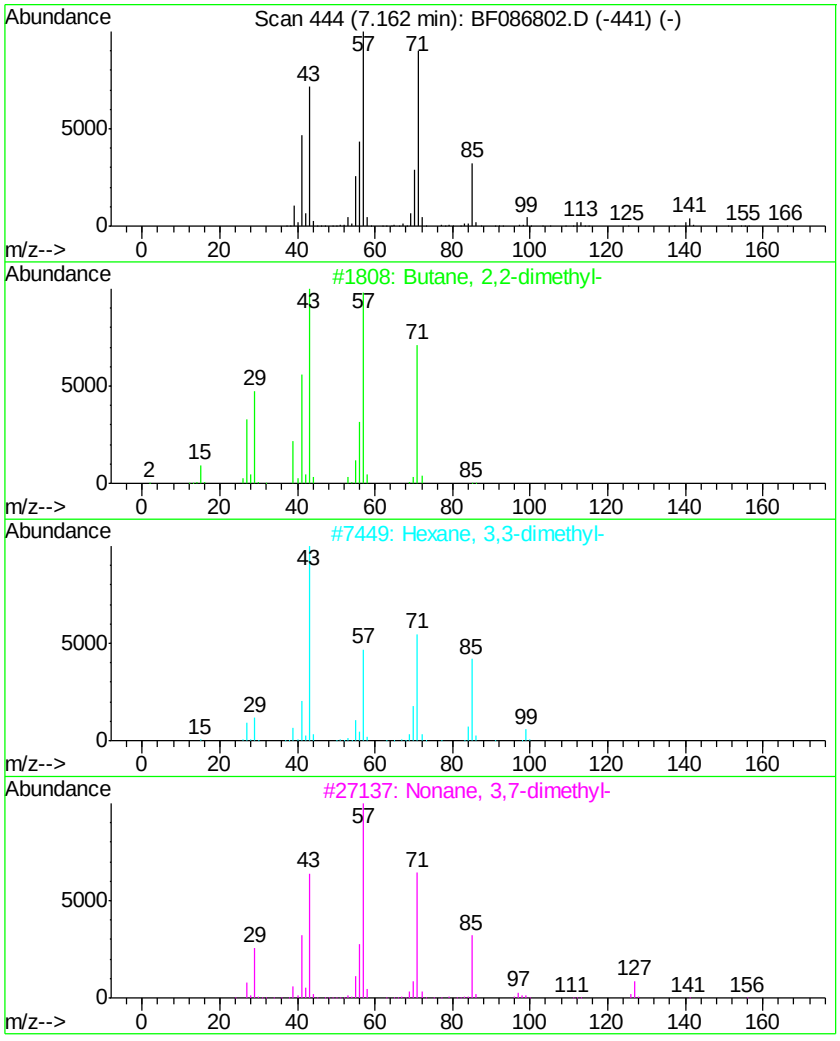
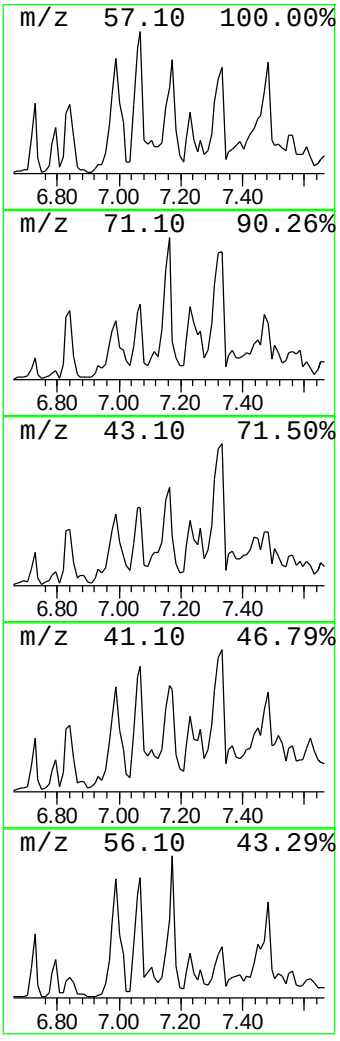
Peak Number 6 Butane, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	134.58 ng	18968300	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
4	Decane, 5-propyl-	184	C13H28	017312-62-8	53
5	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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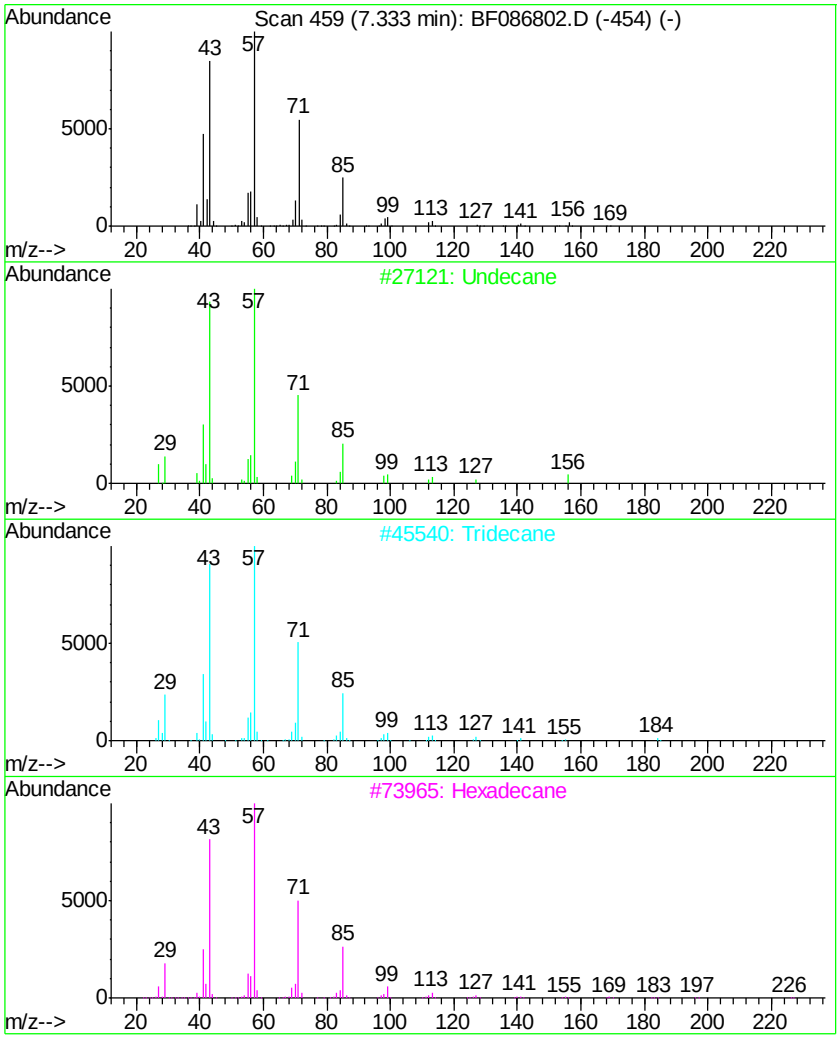
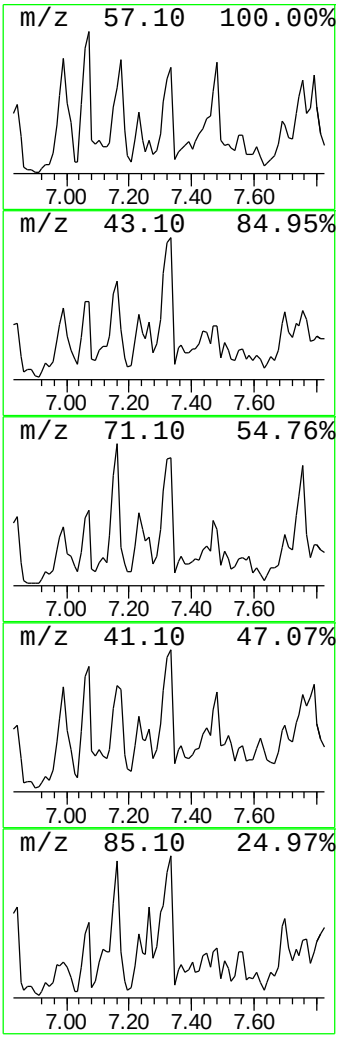
Peak Number 7 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	160.99 ng	22691100	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Decane, 2-methyl-	156	C11H24	006975-98-0	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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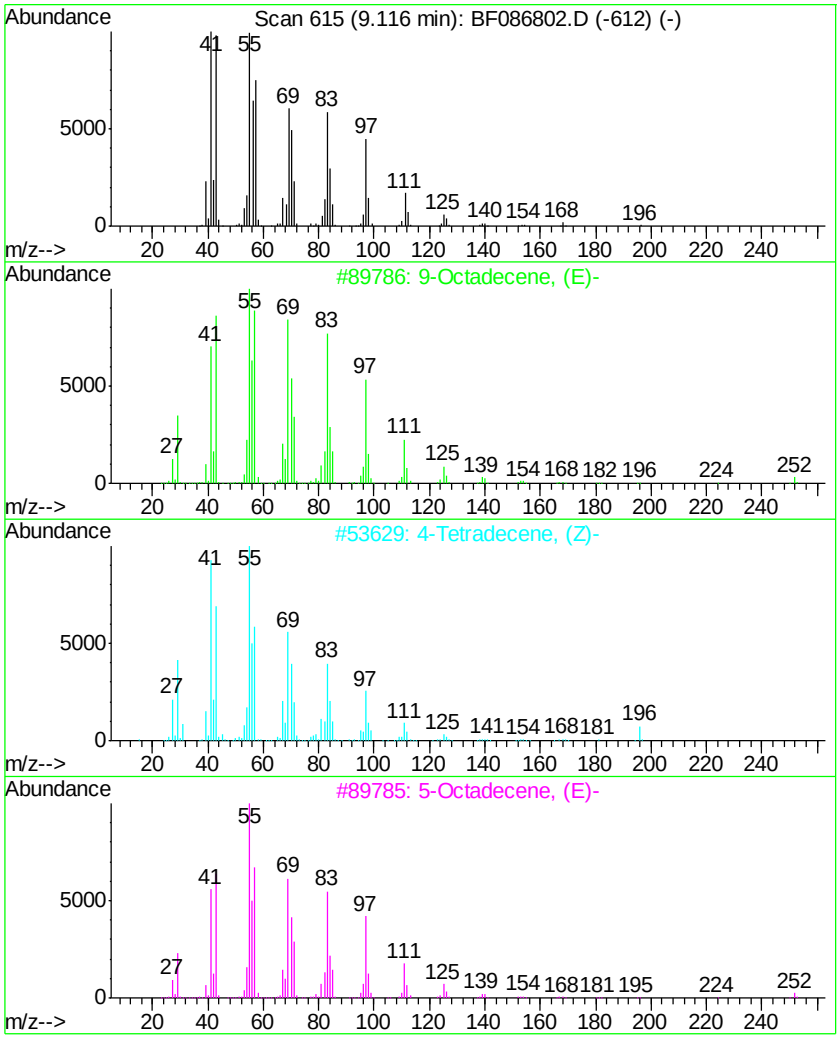
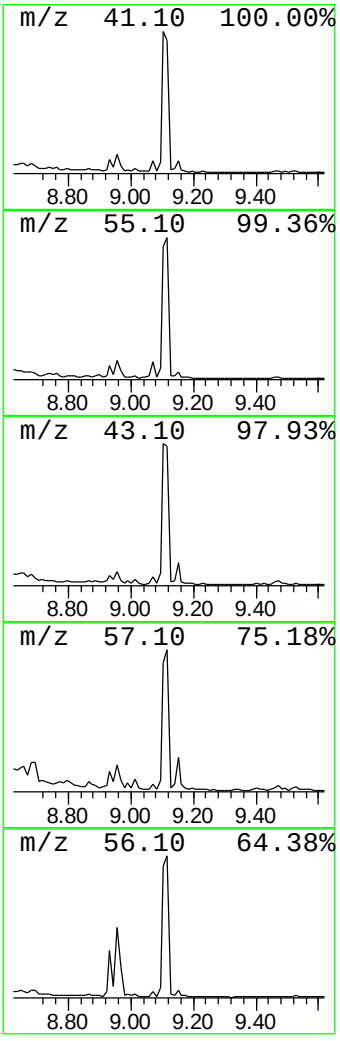
Peak Number 8 9-Octadecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	60.53 ng	2375810	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
2	4-Tetradecene, (Z)-	196	C14H28	041446-65-5	90
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	83
4	5-Tetradecene, (E)-	196	C14H28	041446-66-6	83
5	1-Tridecene	182	C13H26	002437-56-1	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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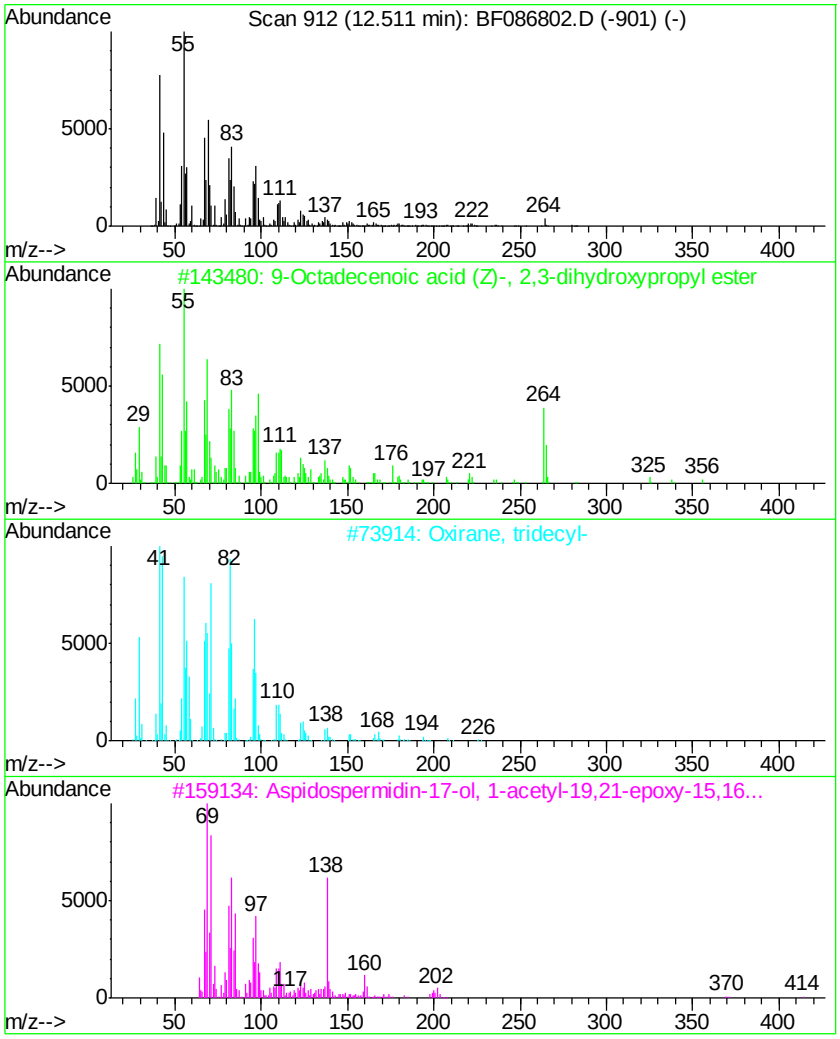
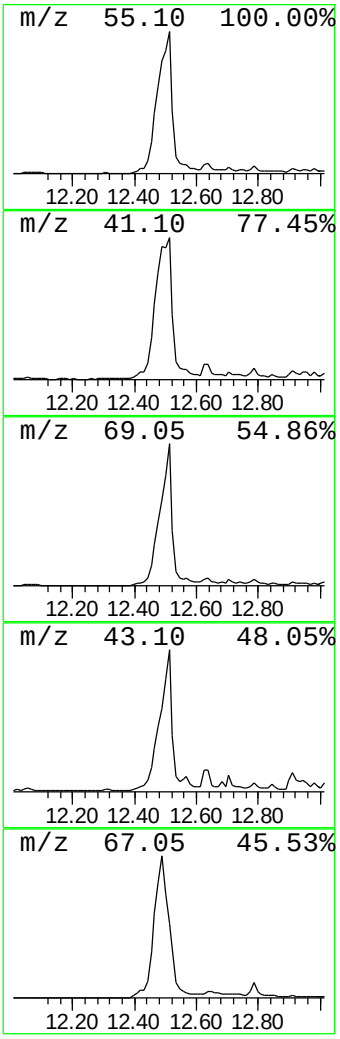
Peak Number 9 9-Octadecenoic acid (Z)-, 2... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	655.77 ng	23982700	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	90
2	Oxirane, tridecyl-	226	C15H30O	018633-25-5	64
3	Aspidospermidin-17-ol, 1-acetyl-...	414	C23H30N2O5	002122-26-1	58
4	Z-1,9-Tetradecadiene	194	C14H26	1000245-70-9	55
5	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	49





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Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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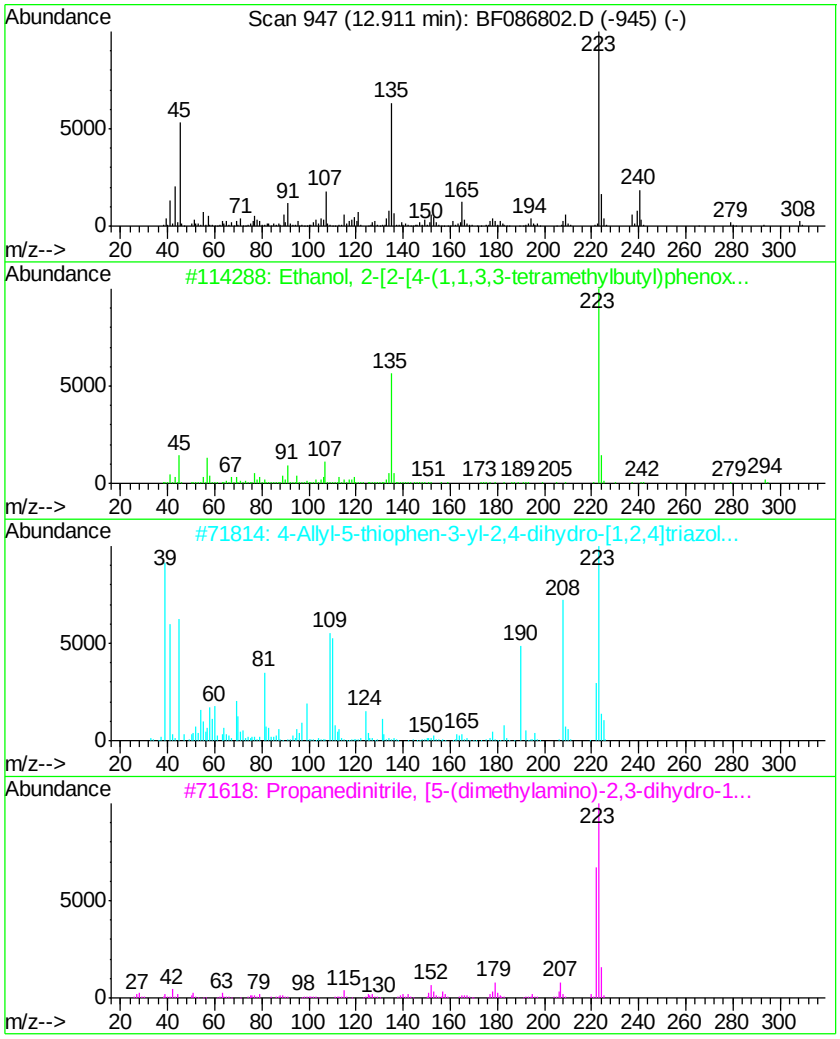
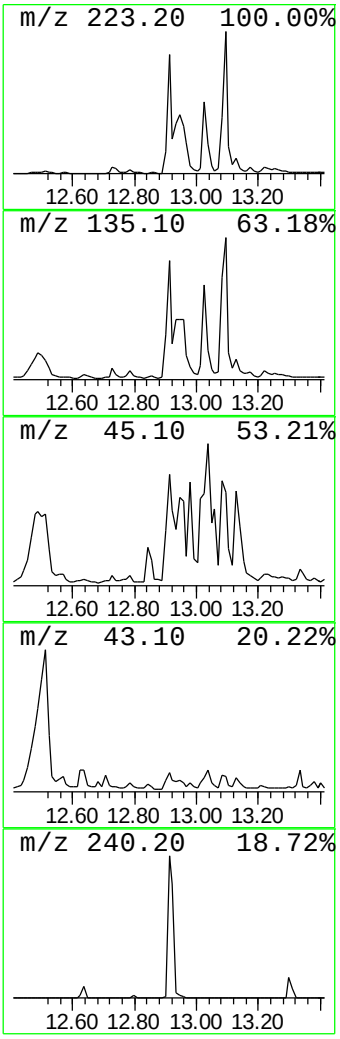
Peak Number 10 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	23.78 ng	1557250	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	58
2	4-Allyl-5-thiophen-3-yl-2,4-dihy...	223	C9H9N3S2	1000277-40-4	47
3	Propanedinitrile, [5-(dimethylam...	223	C14H13N3	131303-47-4	38
4	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	27
5	Tetrazole, 1-(4-fluorophenyl)-5-...	400	C23H21FN6	125038-07-5	16





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Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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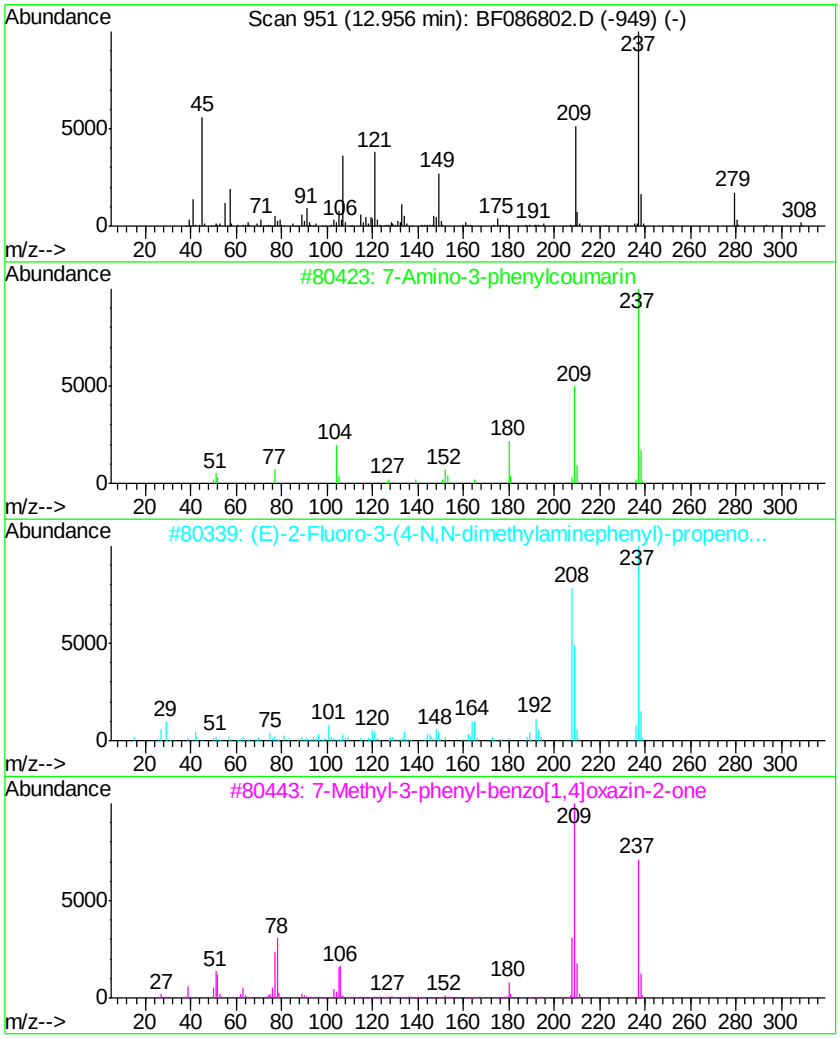
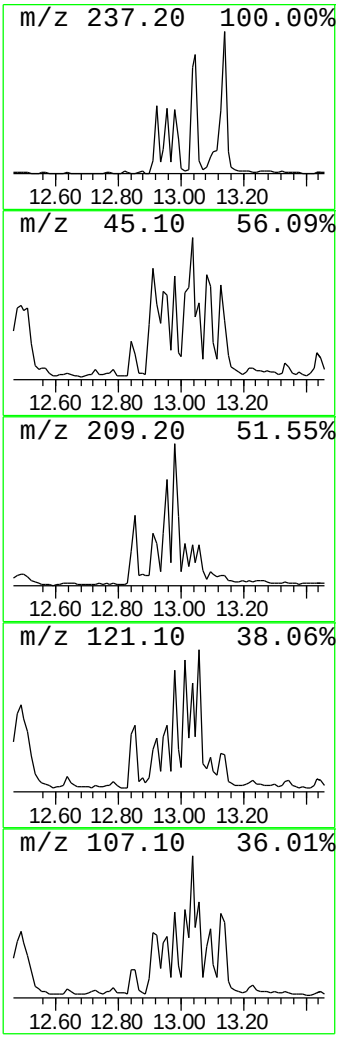
Peak Number 11 7-Amino-3-phenylcoumarin Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	13.10 ng	858017	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Amino-3-phenylcoumarin	237	C15H11NO2	004108-61-6	50
2	(E)-2-Fluoro-3-(4-N,N-dimethylam...	237	C13H16FNO2	110915-65-6	46
3	7-Methyl-3-phenyl-benzo[1,4]oxaz...	237	C15H11NO2	062103-88-2	43
4	6-Methyl-3-phenyl-benzo[1,4]oxaz...	237	C15H11NO2	062103-87-1	37
5	1,3-Benzodioxole, 4-methoxy-6-(2...	237	C11H11NO5	017055-07-1	35





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Sample : H2866-01 50X
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ClientSampleId : LAR9918-A

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TIC Library : C:\DATABASE\NIST02.L
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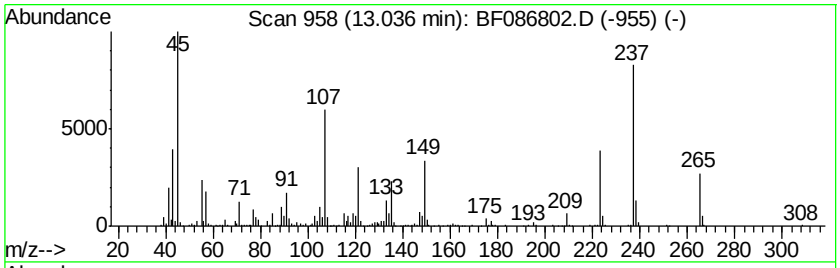
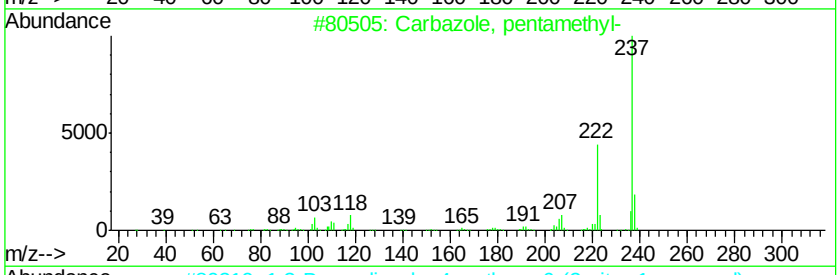
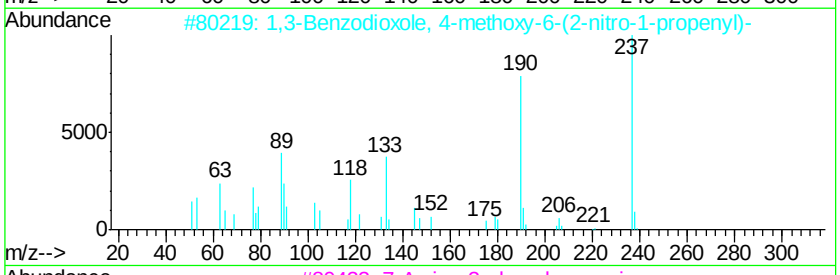
Peak Number 12 unknown13.04 Concentration Rank 14

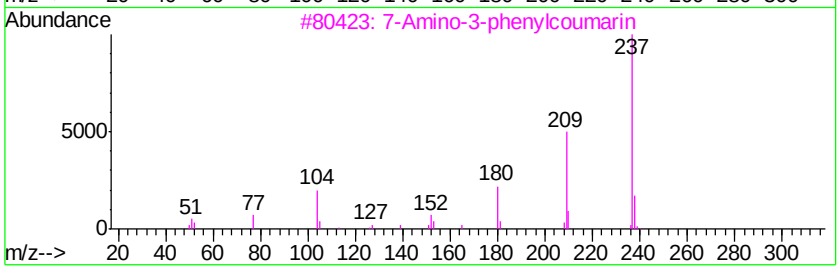
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	30.91 ng	2023890	Chrysene-d12	13.85

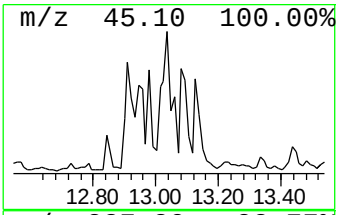
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, pentamethyl-	237	C17H19N	027477-88-9	25
2	1,3-Benzodioxole, 4-methoxy-6-(2...	237	C11H11NO5	017055-07-1	22
3	7-Amino-3-phenylcoumarin	237	C15H11NO2	004108-61-6	22
4	2,4-Diphenylthiazole	237	C15H11NS	001826-14-8	18
5	(E)-2-Fluoro-3-(4-N,N-dimethylam...	237	C13H16FNO2	110915-65-6	14

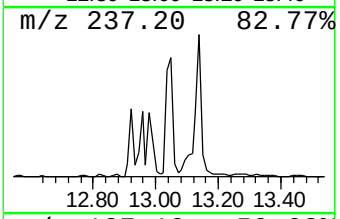


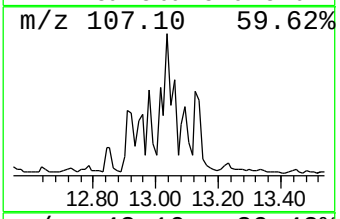


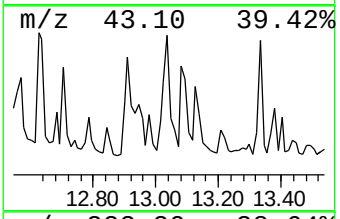


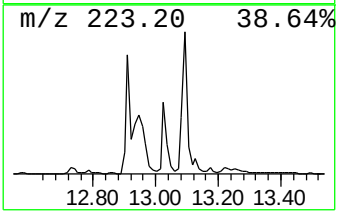












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Misc :
ALS Vial : 70 Sample Multiplier: 1

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ClientSampleId : LAR9918-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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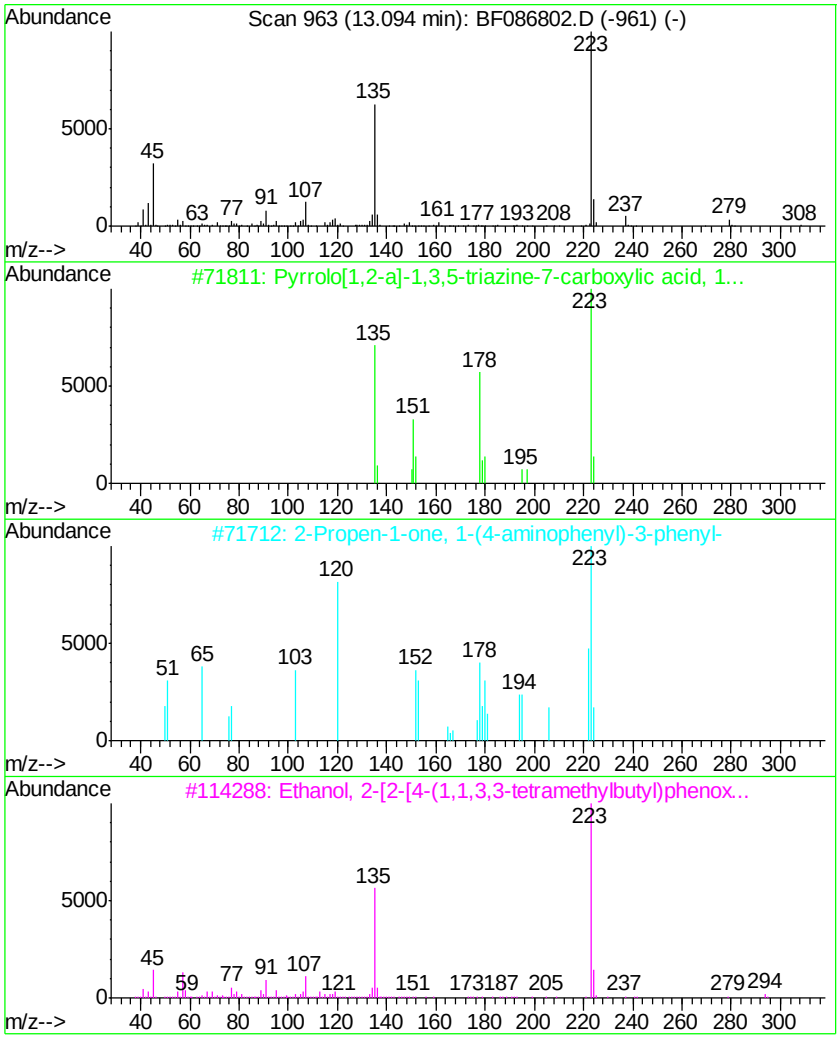
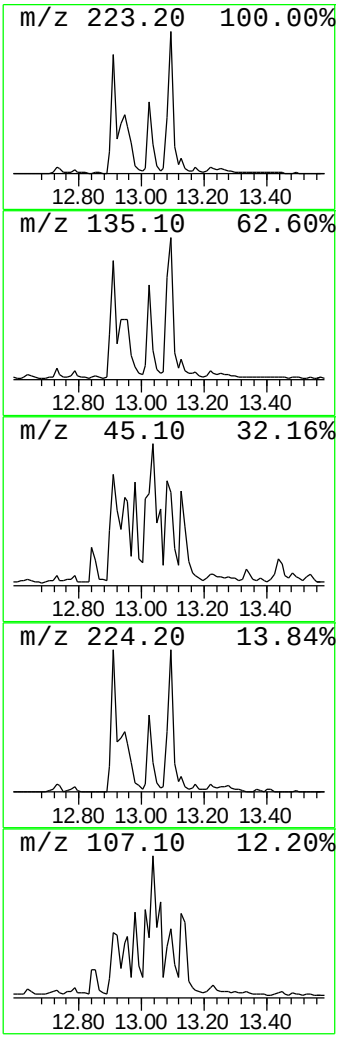
Peak Number 13 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	17.46 ng	1143230	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	86
2	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	43
3	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	38
4	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	38
5	Benzenamine, N,N-dimethyl-4-(2-p...	223	C16H17N	000838-95-9	32





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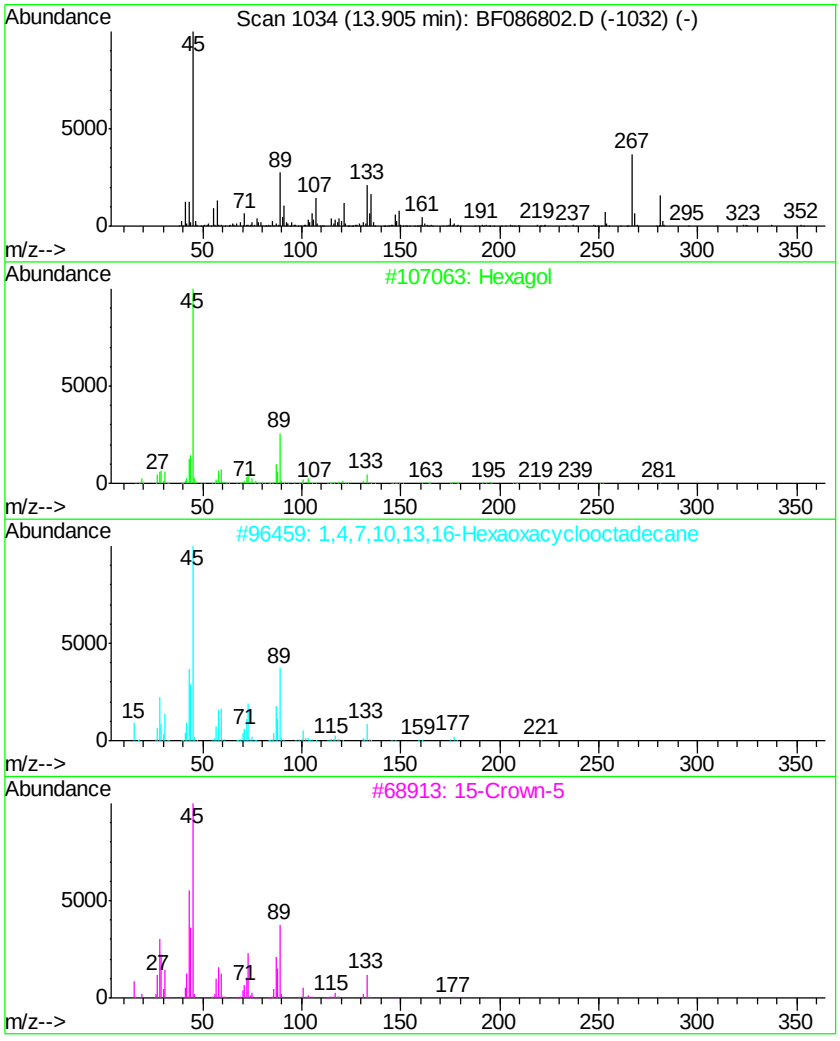
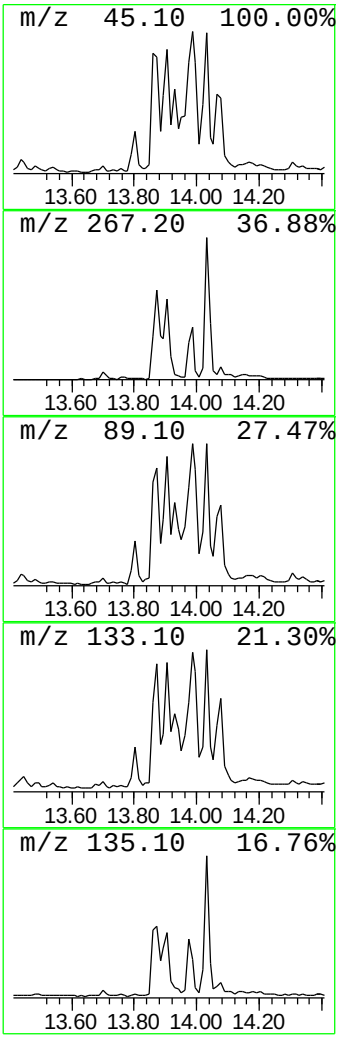
Peak Number 14 unknown13.91 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	20.81 ng	1362670	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexagol	282	C12H26O7	002615-15-8	40
2	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	28
3	15-Crown-5	220	C10H20O5	033100-27-5	28
4	Butane, 1-chloro-4-methoxy-	122	C5H11ClO	017913-18-7	27
5	1-Methoxybenzene,-4-(4-iodobenzy...	337	C14H12INO	300686-57-1	25





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Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

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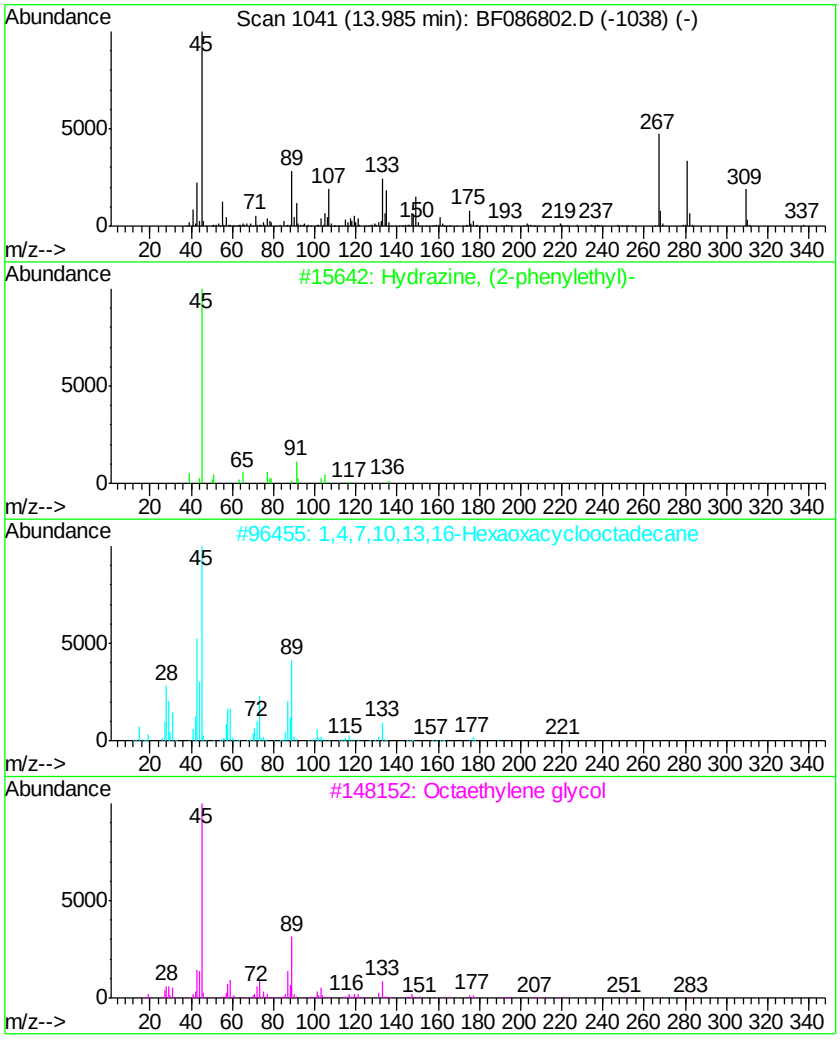
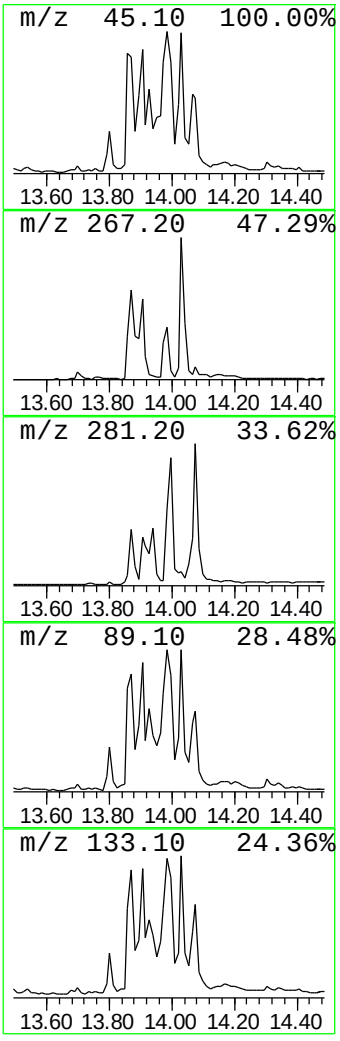
Peak Number 15 unknown13.99 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	35.70 ng	2337190	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, (2-phenylethyl)-	136	C8H12N2	000051-71-8	22
2	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	17
3	Octaethylene glycol	370	C16H34O9	1000289-34-2	17
4	Acetaldehyde, tetramer	176	C8H16O4	000108-62-3	17
5	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	12





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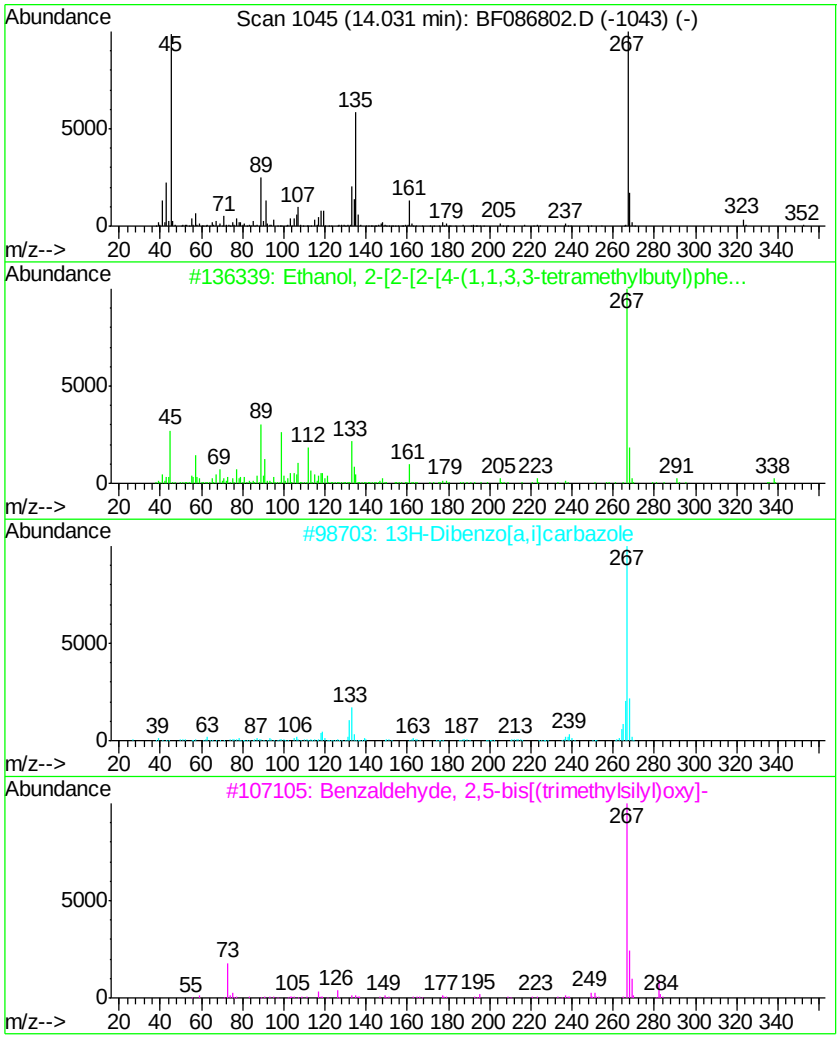
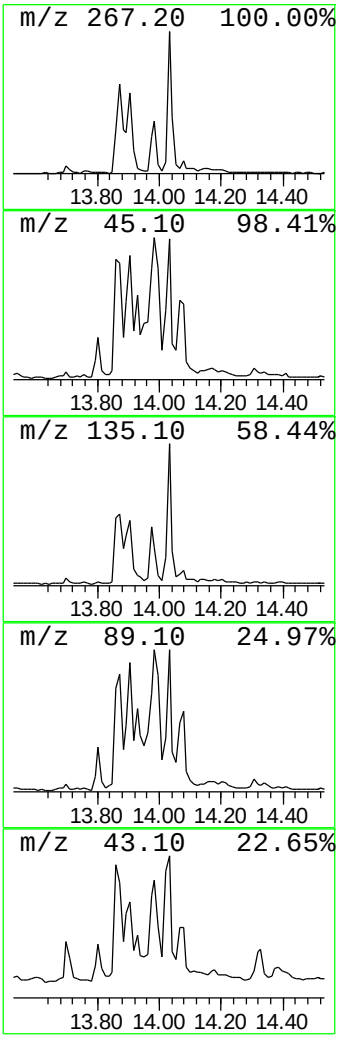
Peak Number 16 unknown14.03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	23.27 ng	1523380	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	35
2	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	25
3	Benzaldehyde, 2,5-bis[(trimethyl...	282	C13H22O3Si2	056114-69-3	16
4	Benzimidazole-2-methanol, .alpha...	298	C17H18N2O3	309724-70-7	12
5	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	10





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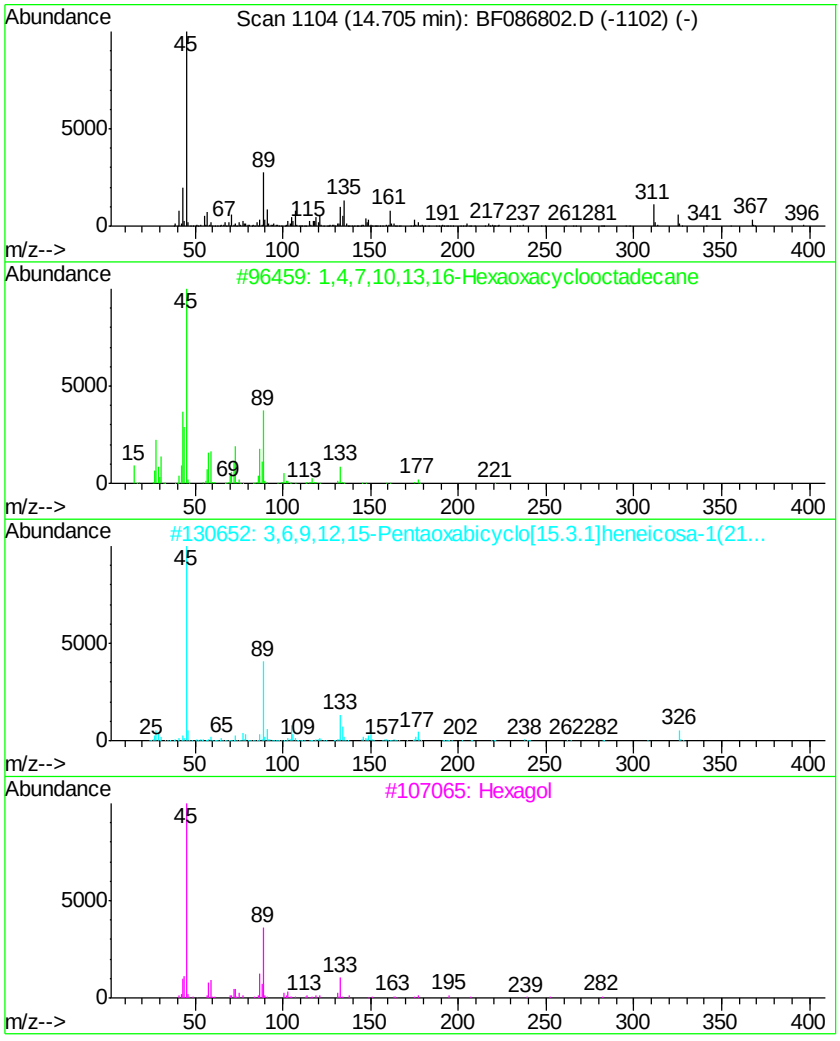
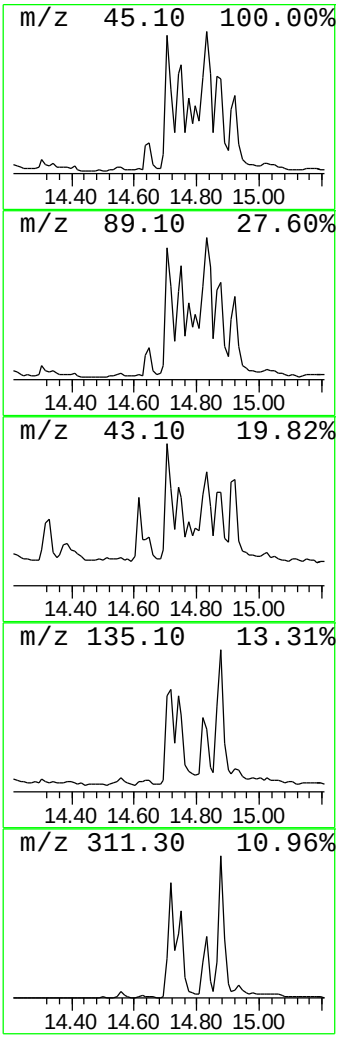
Peak Number 17 1,4,7,10,13,16-Hexaoxacyclo... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	38.38 ng	969567	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	59
2	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	59
3	Hexagol	282	C12H26O7	002615-15-8	45
4	15-Crown-5	220	C10H20O5	033100-27-5	38
5	Octaethylene glycol	370	C16H34O9	1000289-34-2	38





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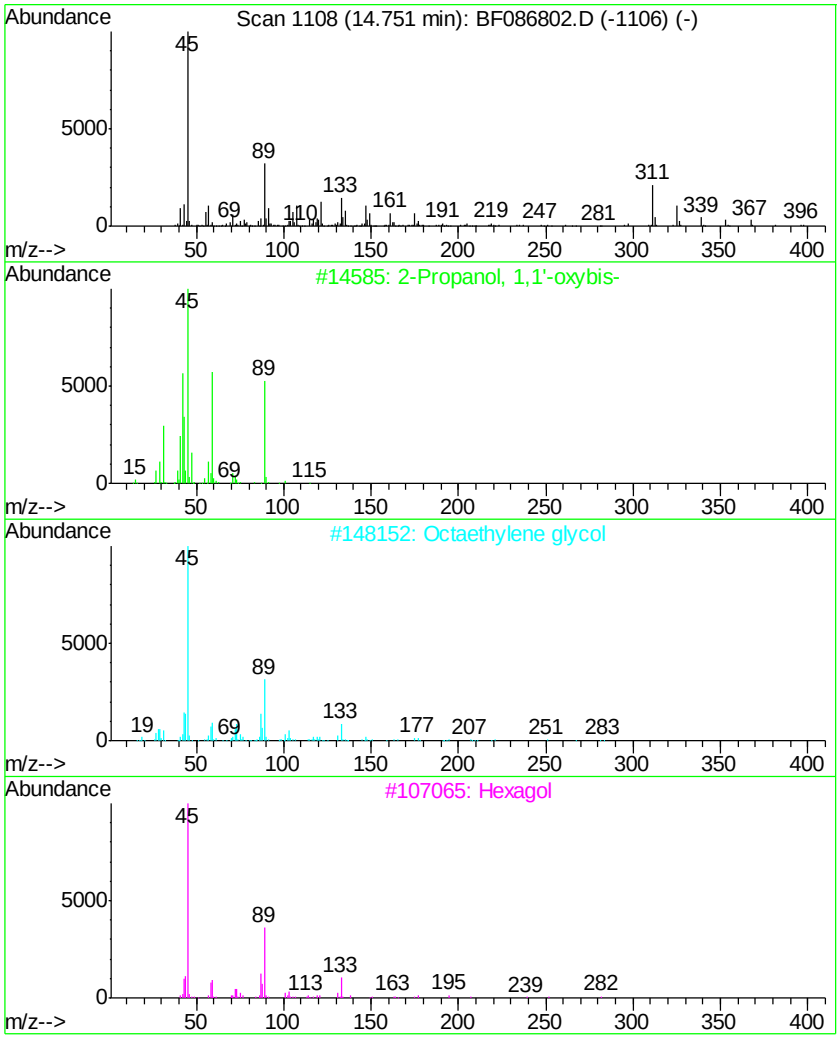
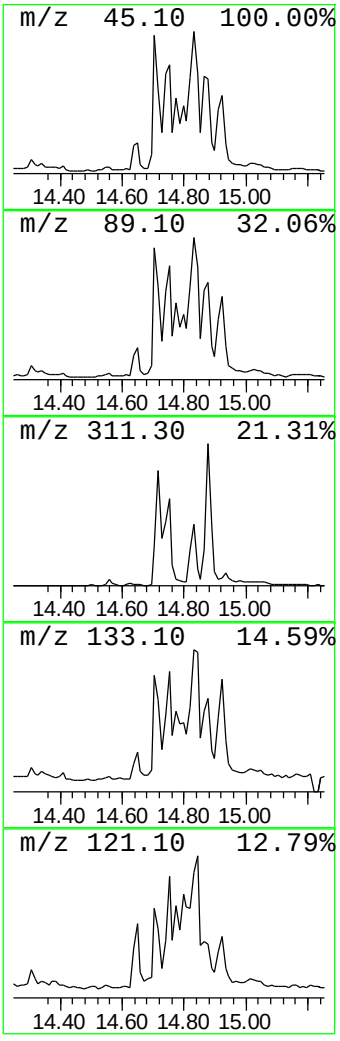
Peak Number 18 unknown14.75 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	35.12 ng	887291	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	43
2	Octaethylene glycol	370	C16H34O9	1000289-34-2	40
3	Hexagol	282	C12H26O7	002615-15-8	40
4	15-Crown-5	220	C10H20O5	033100-27-5	38
5	Propane, 1,1'-oxybis[2-chloro-	170	C6H12Cl2O	054460-96-7	38





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

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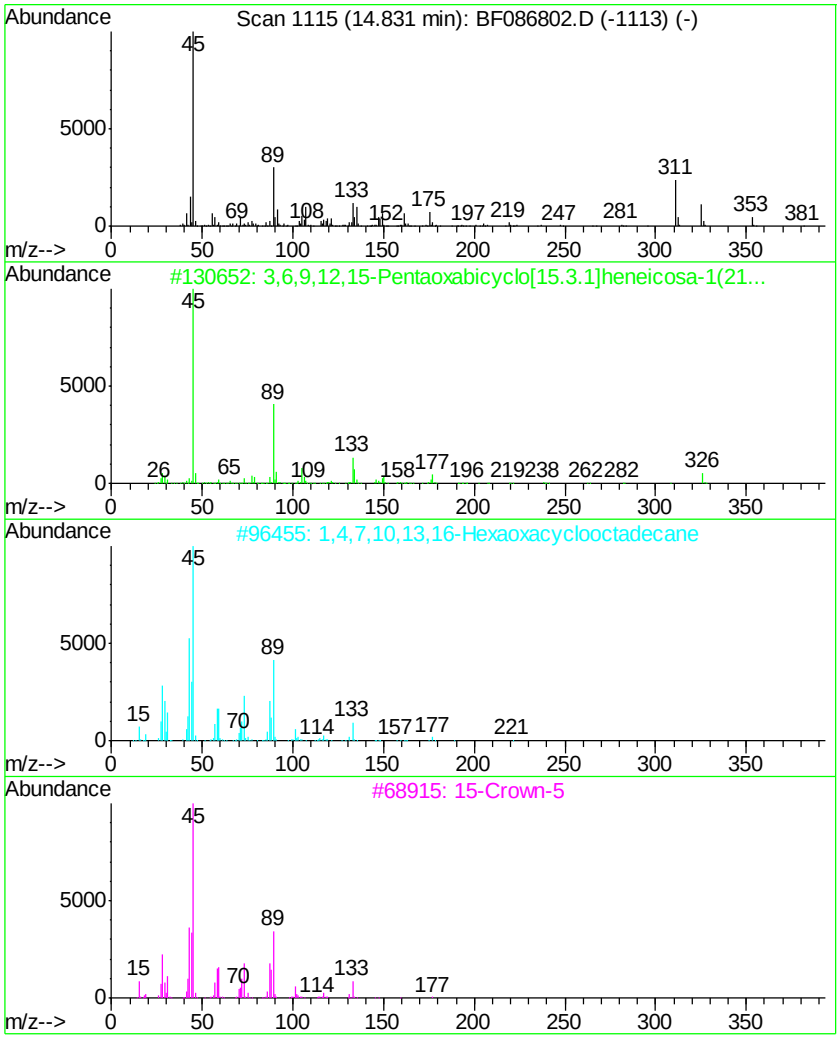
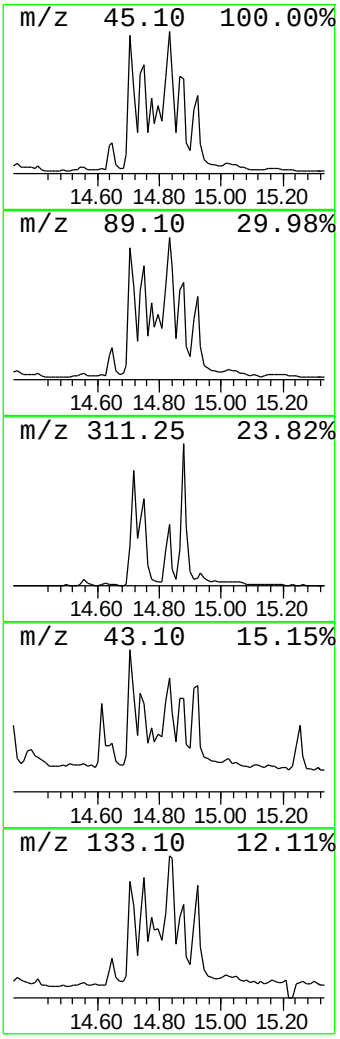
Peak Number 19 unknown14.83 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	52.78 ng	1333550	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	40
2	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	38
3	15-Crown-5	220	C10H20O5	033100-27-5	38
4	Hexagol	282	C12H26O7	002615-15-8	38
5	Octaethylene glycol	370	C16H34O9	1000289-34-2	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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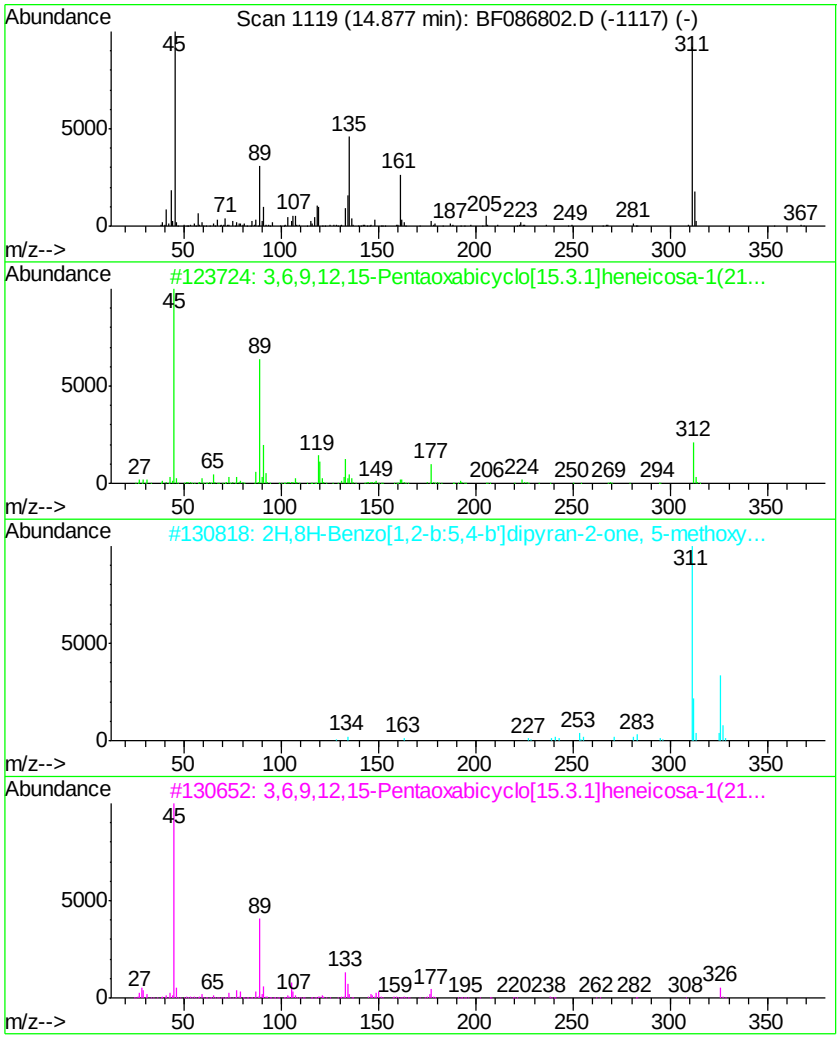
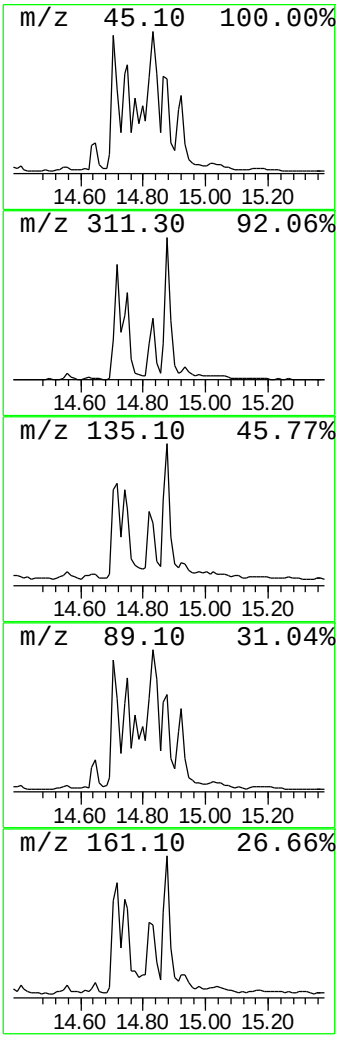
Peak Number 20 unknown14.88 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	33.78 ng	853437	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxabicyclo[15.3...	312	C16H24O6	065112-36-9	38
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	326	C20H22O4	055334-39-9	25
3	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	12
4	Octaethylene glycol	370	C16H34O9	1000289-34-2	12
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086802.D
Acq On : 8 May 2016 4:46
Operator : UM/SJ
Sample : H2866-01 50X
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9918-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Decane, 2,2-dimet...	6.80	17.5	ng	2466130	1	6.70	5637880	40.0
Hexadecane	6.84	59.7	ng	8408540	1	6.70	5637880	40.0
Hexane, 2,2,4-tri...	6.99	126.1	ng	17774000	1	6.70	5637880	40.0
Hexane, 2,2,5-tri...	7.07	116.7	ng	16444300	1	6.70	5637880	40.0
Hexane, 2,3,4-tri...	7.10	32.5	ng	4576690	1	6.70	5637880	40.0
Butane, 2,2-dimet...	7.16	134.6	ng	18968300	1	6.70	5637880	40.0
Undecane	7.33	161.0	ng	22691100	1	6.70	5637880	40.0
9-Octadecene, (E)-	9.12	60.5	ng	2375810	3	9.73	1569920	40.0
9-Octadecenoic ac...	12.51	655.8	ng	23982700	4	11.22	1462890	40.0
Ethanol, 2-[2-[4-...	12.91	23.8	ng	1557250	5	13.85	2618970	40.0
7-Amino-3-phenylc...	12.96	13.1	ng	858017	5	13.85	2618970	40.0
unknown13.04	13.04	30.9	ng	2023890	5	13.85	2618970	40.0
Pyrrolo[1,2-a]-1,...	13.09	17.5	ng	1143230	5	13.85	2618970	40.0
unknown13.91	13.91	20.8	ng	1362670	5	13.85	2618970	40.0
unknown13.99	13.99	35.7	ng	2337190	5	13.85	2618970	40.0
unknown14.03	14.03	23.3	ng	1523380	5	13.85	2618970	40.0
1,4,7,10,13,16-He...	14.71	38.4	ng	969567	6	15.23	1010570	40.0
unknown14.75	14.75	35.1	ng	887291	6	15.23	1010570	40.0
unknown14.83	14.83	52.8	ng	1333550	6	15.23	1010570	40.0
unknown14.88	14.88	33.8	ng	853437	6	15.23	1010570	40.0