LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086447.D
Acq On : 28 Apr 2016 2:22
Operator : UM/SJ
Sample : H2702-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B1D

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-BF042716.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	2.144	3	5	8	rBV	384081	490584	12.32%	1.512%
2	2.224	9	12	23	rVB	352734	679428	17.06%	2.095%
3	2.373	23	25	36	rVB4	19096	61668	1.55%	0.190%
4	4.990	252	254	259	rBV	82744	121463	3.05%	0.374%
5	5.402	287	290	292	rBV	3694101	3856640	96.84%	11.889%
6	6.442	378	381	384	rBV	3019972	3811330	95.70%	11.750%
7	6.579	390	393	395	rBV	3063551	3982566	100.00%	12.278%
8	6.807	411	413	415	rBV	812788	788084	19.79%	2.430%
9	6.967	424	427	429	rBV	2200975	2874553	72.18%	8.862%
10	7.367	459	462	465	rBV	1735872	2179155	54.72%	6.718%
11	7.470	470	471	479	rVB	29244	62467	1.57%	0.193%
12	8.087	523	525	528	rBV	891032	931056	23.38%	2.870%
13	8.625	570	572	574	rBV	47919	43559	1.09%	0.134%
14	9.173	617	620	622	rBV	3837388	3856993	96.85%	11.890%
15	9.562	652	654	656	rBV	580482	460453	11.56%	1.419%
16	9.848	676	679	681	rBV	762837	851369	21.38%	2.625%
17	10.282	715	717	719	rVB	114566	86402	2.17%	0.266%
18	10.499	733	736	739	rBV	40799	62956	1.58%	0.194%
19	10.625	745	747	750	rBV2	1206726	1632381	40.99%	5.032%
20	10.751	757	758	765	rVB	141653	174173	4.37%	0.537%
21	11.196	796	797	799	rBV	53138	54551	1.37%	0.168%
22	11.322	806	808	812	rBV	630508	629742	15.81%	1.941%
23	12.911	944	947	961	rBV	2660978	2717941	68.25%	8.379%
24	13.814	1023	1026	1032	rBV	88527	166375	4.18%	0.513%
25	13.951	1036	1038	1041	rBV	539180	788095	19.79%	2.430%
26	14.065	1046	1048	1050	rVV3	35709	44143	1.11%	0.136%
27	14.717	1102	1105	1109	rBV	220680	345889	8.69%	1.066%
28	14.797	1111	1112	1115	rVB	63678	86169	2.16%	0.266%
29	15.368	1159	1162	1169	rBV	389313	597555	15.00%	1.842%

Sum of corrected areas: 32437740

LSC Report - Integrated Chromatogram

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Data File : BF086447.D
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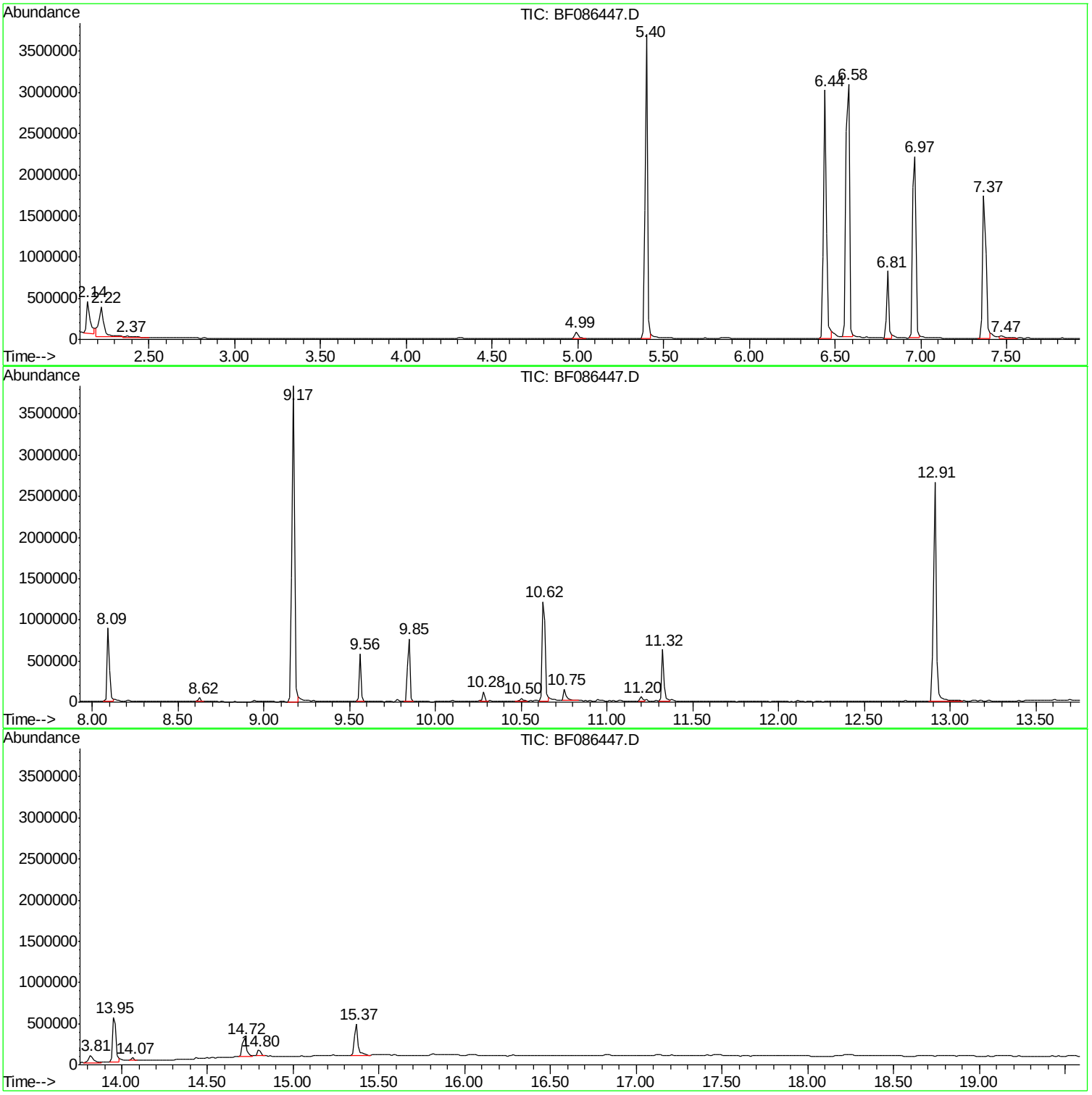
Operator : UM/SJ
Sample : H2702-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B1D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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

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Data File : BF086447.D
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Operator : UM/SJ
Sample : H2702-08
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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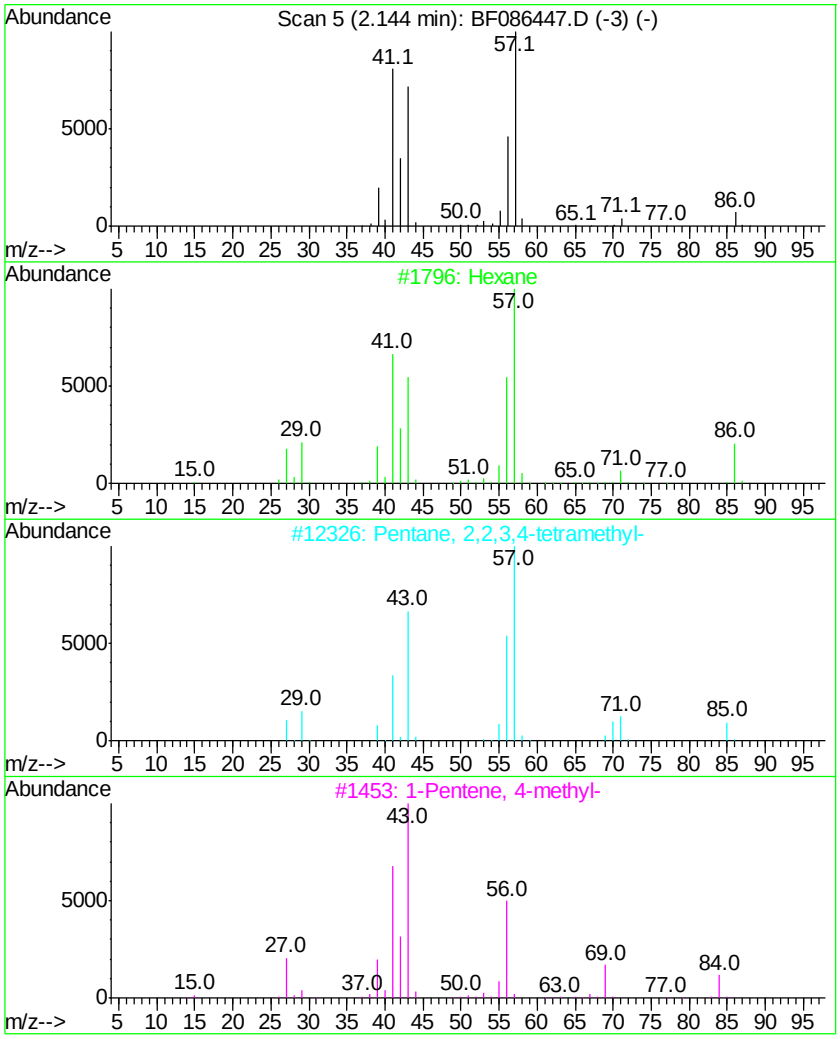
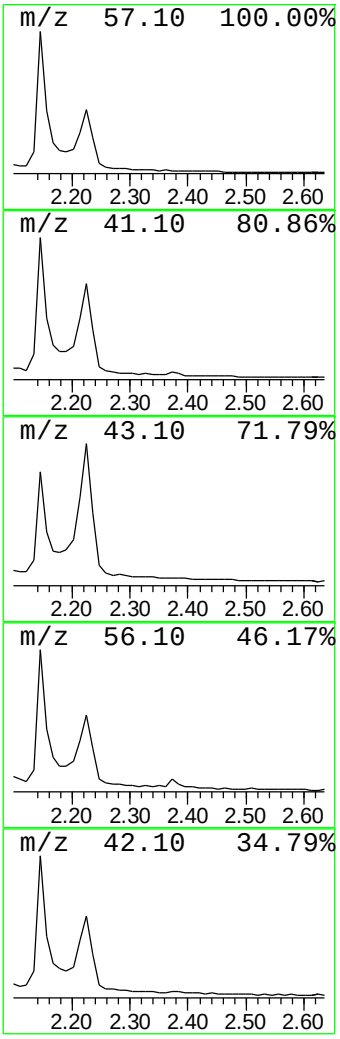
Peak Number 1 Hexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	12.45 ng	490584	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	83
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	42
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40
4	Methane, isocyanato-	57	C2H3NO	000624-83-9	37
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	28





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Data File : BF086447.D
Acq On : 28 Apr 2016 2:22
Operator : UM/SJ
Sample : H2702-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B1D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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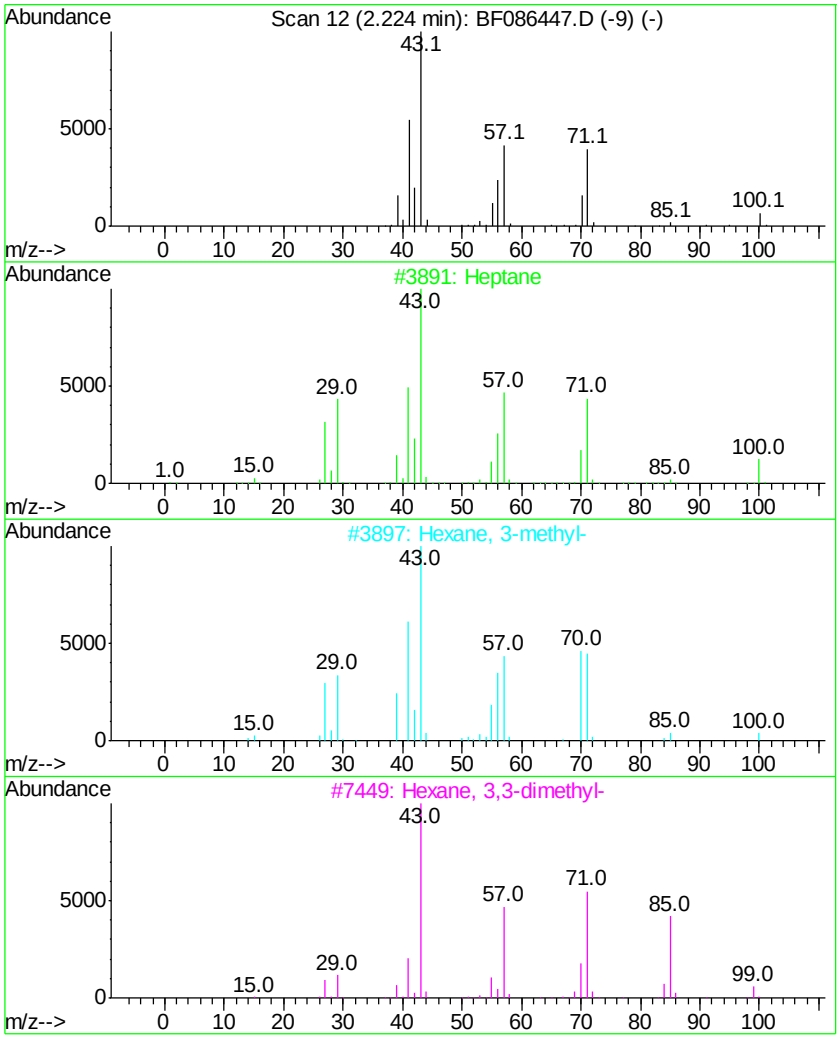
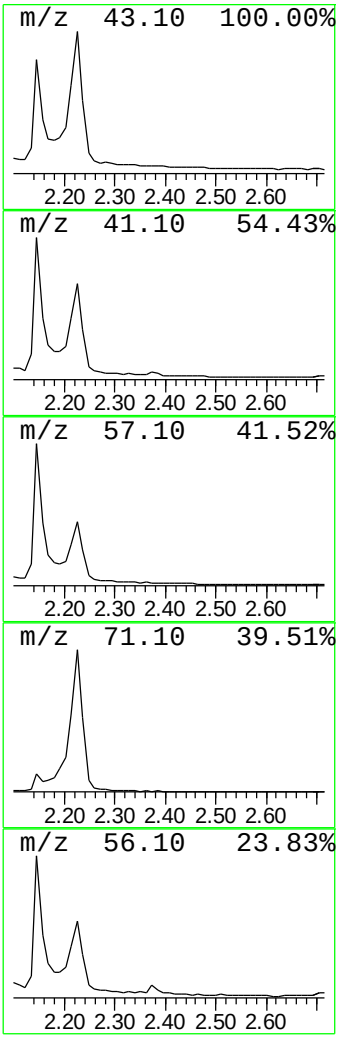
Peak Number 2 Heptane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	17.24 ng	679428	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	83
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
4	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	38
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	36





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086447.D
Acq On : 28 Apr 2016 2:22
Operator : UM/SJ
Sample : H2702-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B1D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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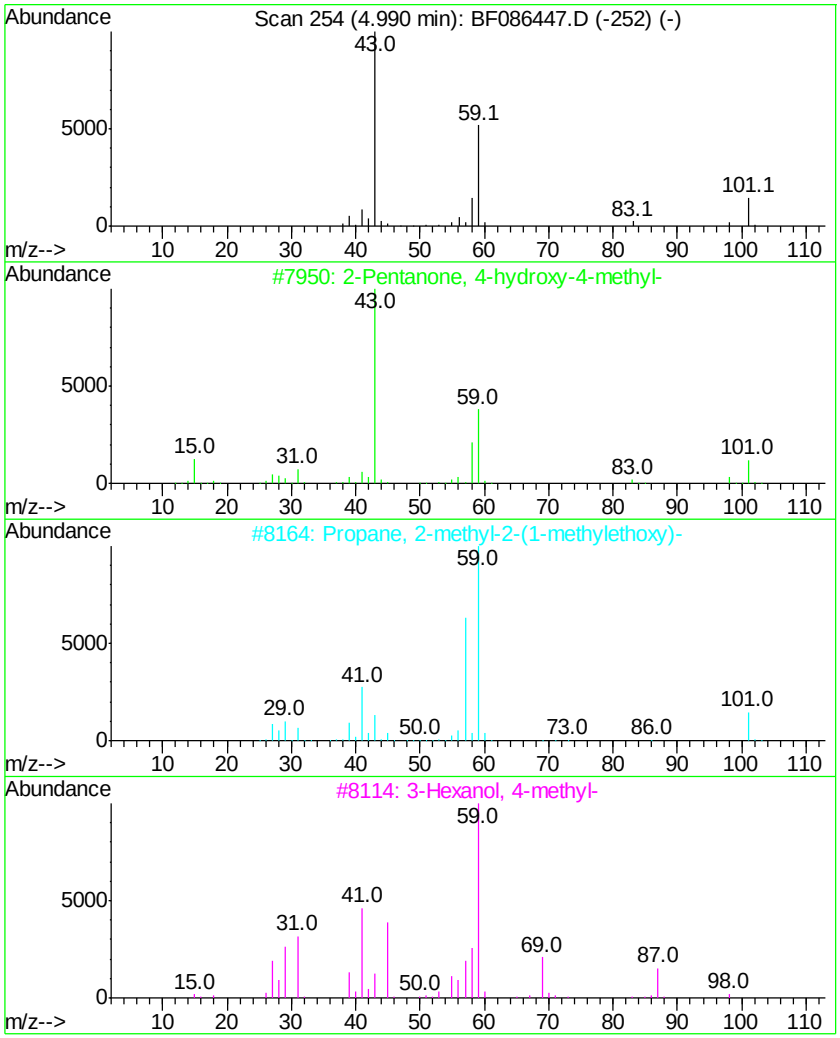
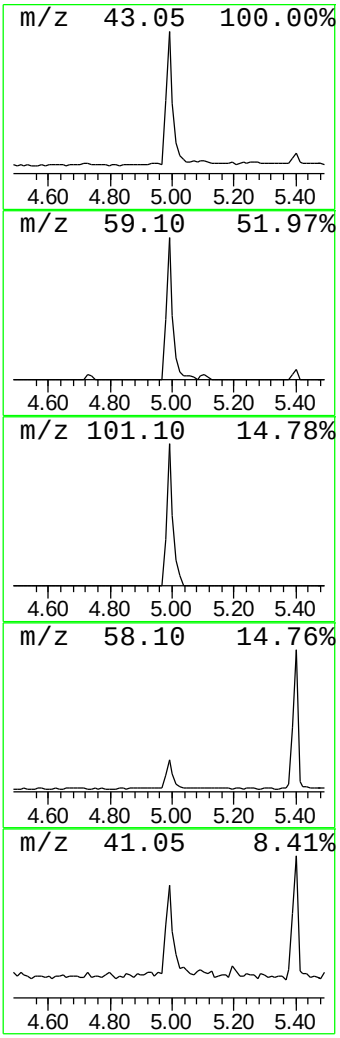
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	3.08 ng	121463	1,4-Dichlorobenzene-d4	6.81

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	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086447.D
Acq On : 28 Apr 2016 2:22
Operator : UM/SJ
Sample : H2702-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B1D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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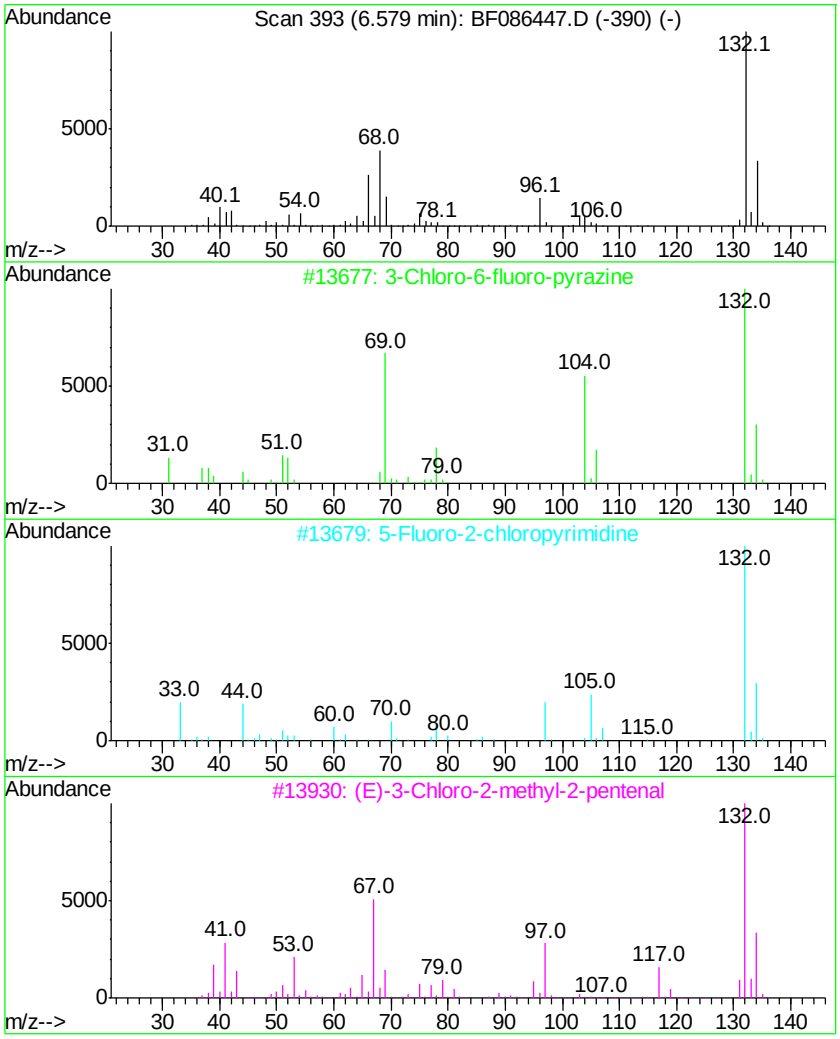
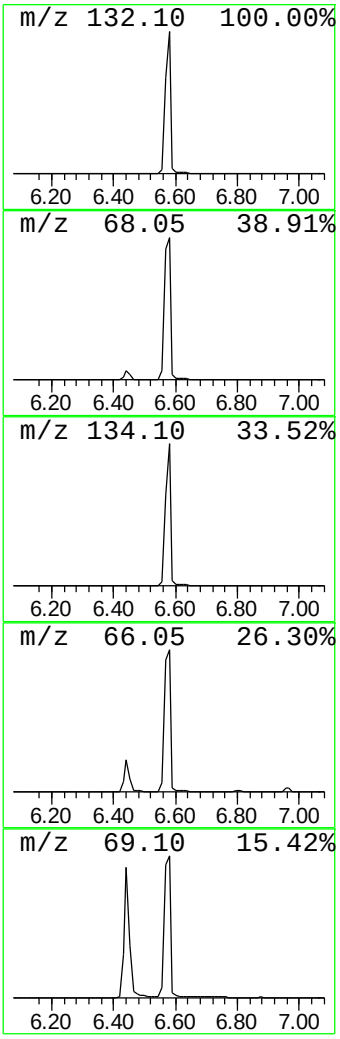
Peak Number 4 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	101.07 ng	3982570	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Xenon	132	Xe	007440-63-3	9





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Data File : BF086447.D
Acq On : 28 Apr 2016 2:22
Operator : UM/SJ
Sample : H2702-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B1D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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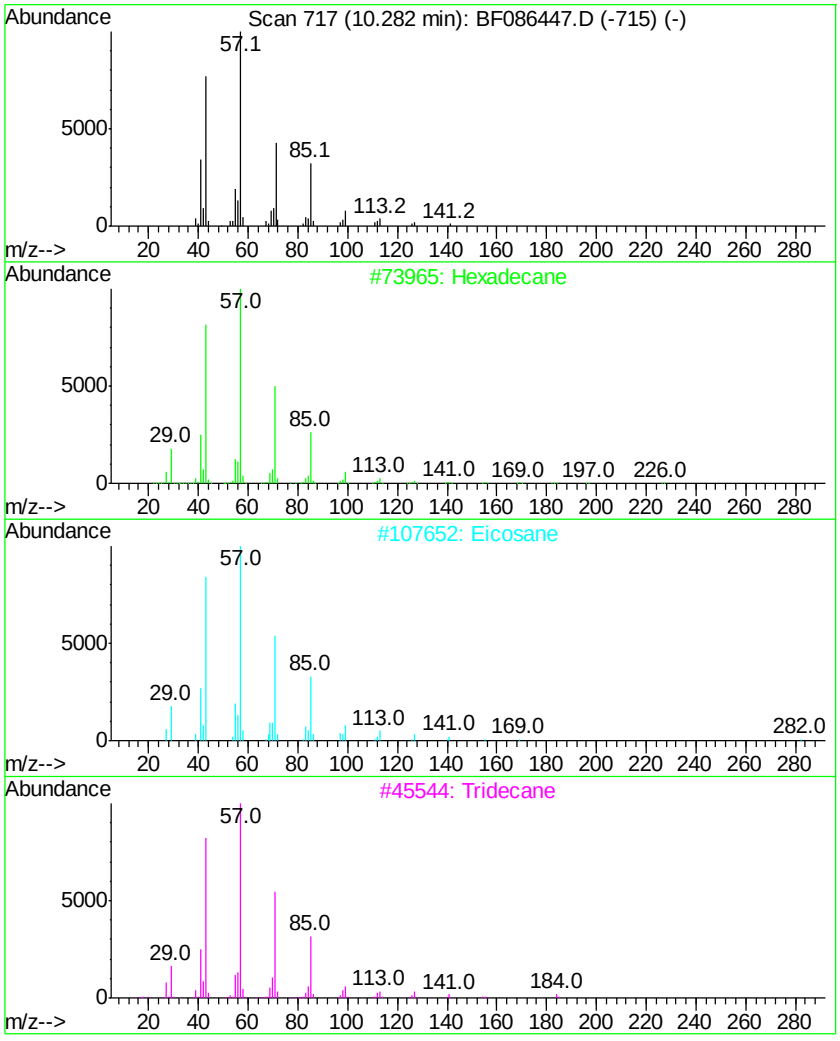
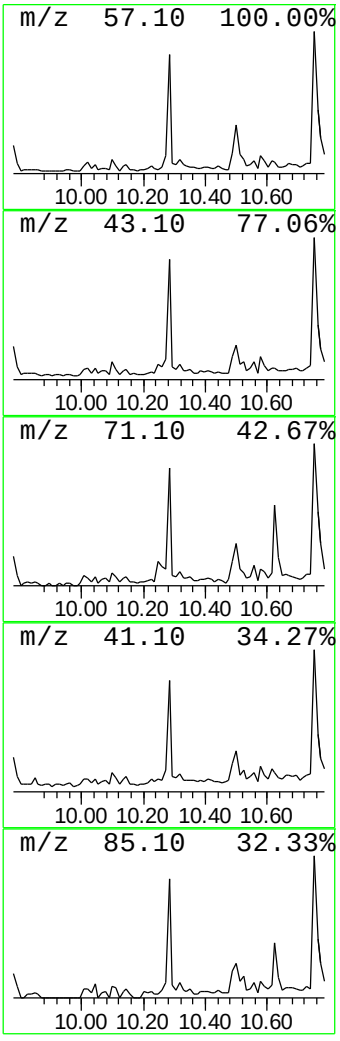
Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.03 ng	86402	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tetradecane	198	C14H30	000629-59-4	80





Library Search Compound Report

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Sample : H2702-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-B1D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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TIC Library : C:\DATABASE\NIST02.L
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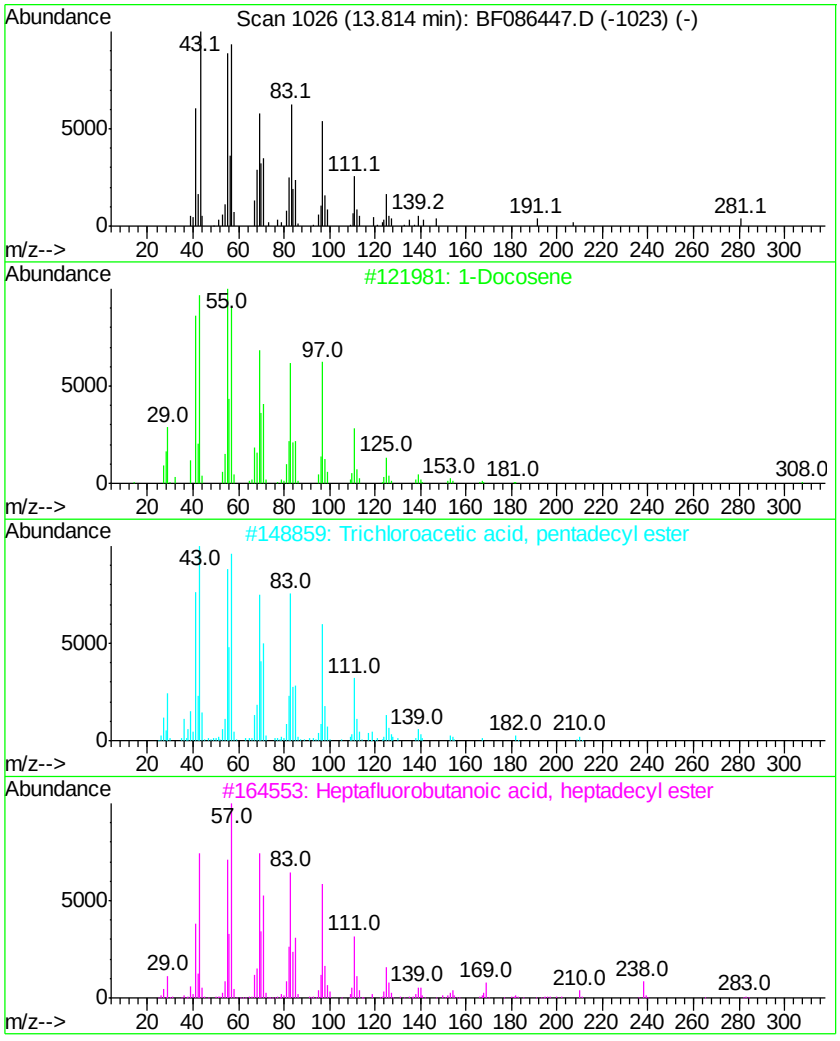
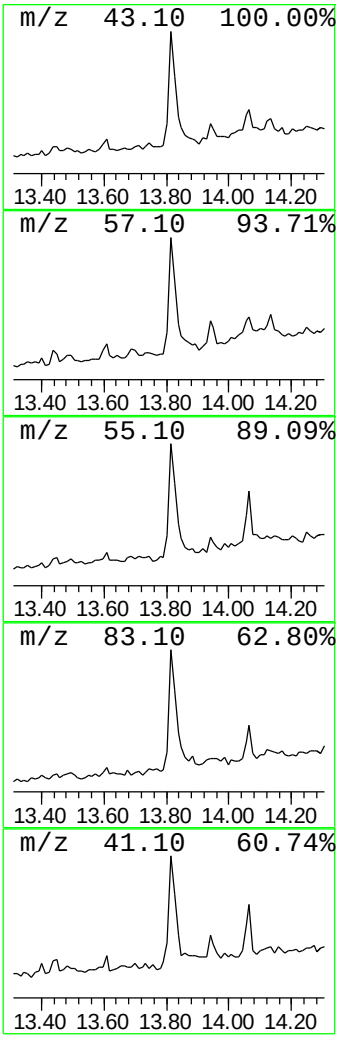
Peak Number 8 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.22 ng	166375	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





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Misc :
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Instrument : BNA_F
ClientSampleId : TEC-COMP-B1D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

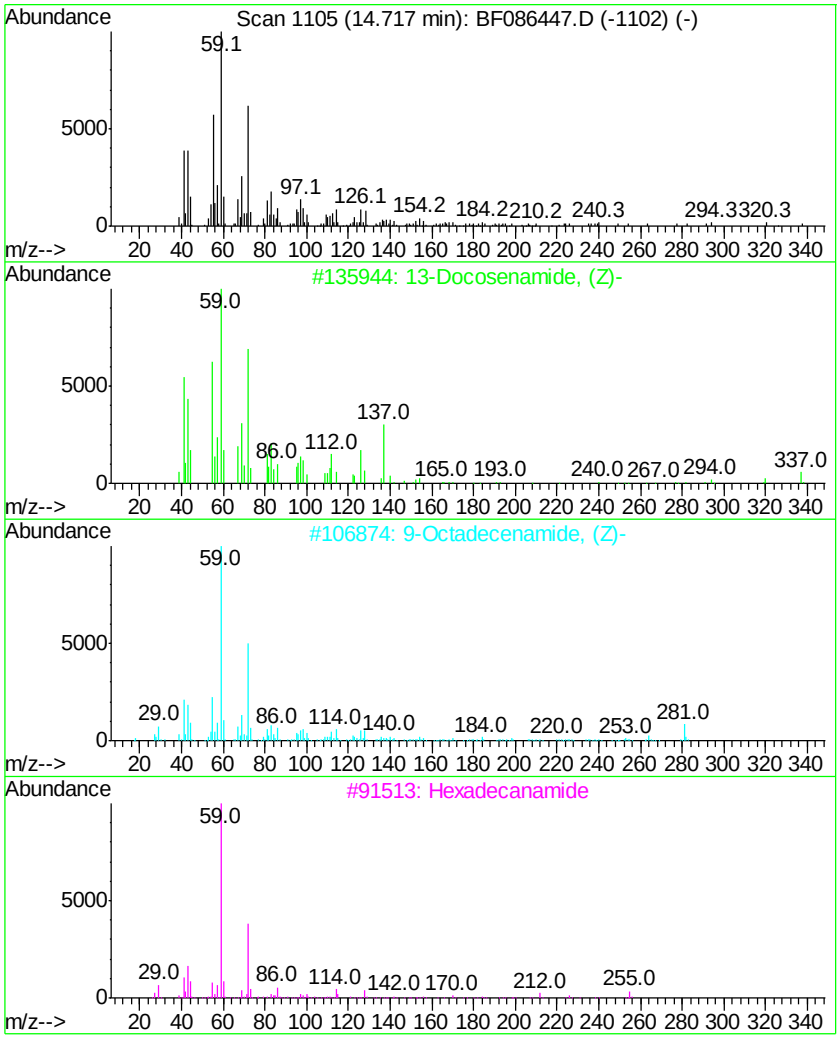
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

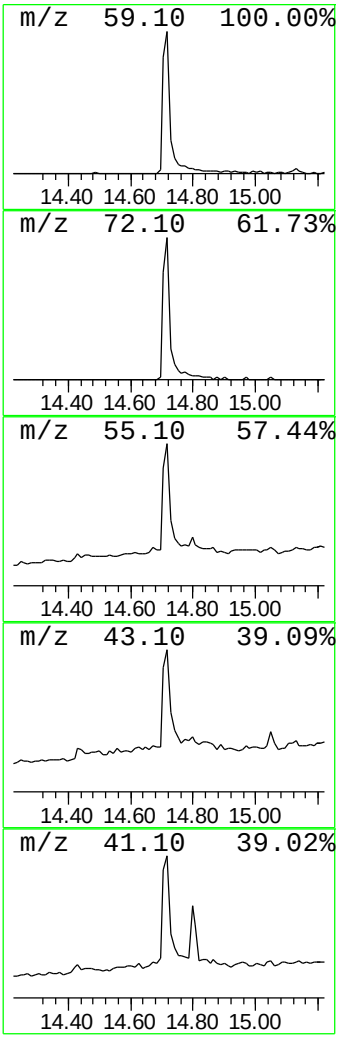
****

Peak Number 9 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	11.58 ng	345889	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	Hexadecanamide	255	C16H33NO	000629-54-9	72
4	Dodecanamide	199	C12H25NO	001120-16-7	53
5	Acetic acid, cyanohydroxyimino-,...	128	C4H4N2O3	061295-92-9	43





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST02.L
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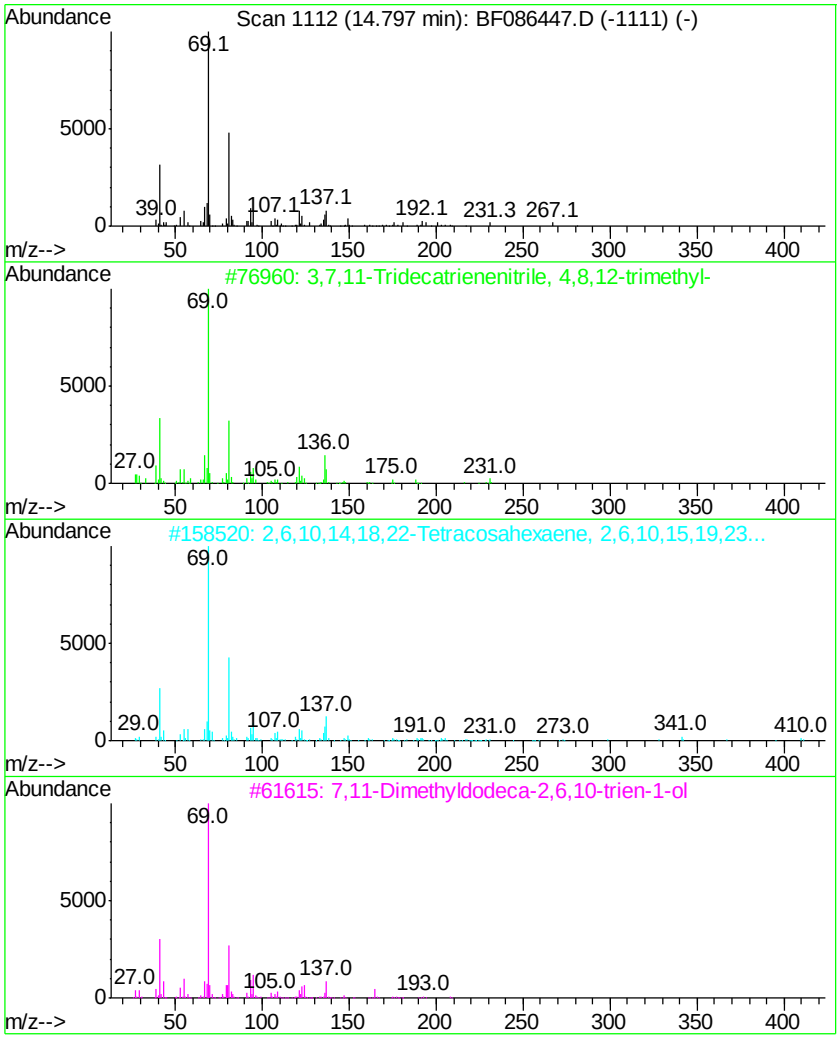
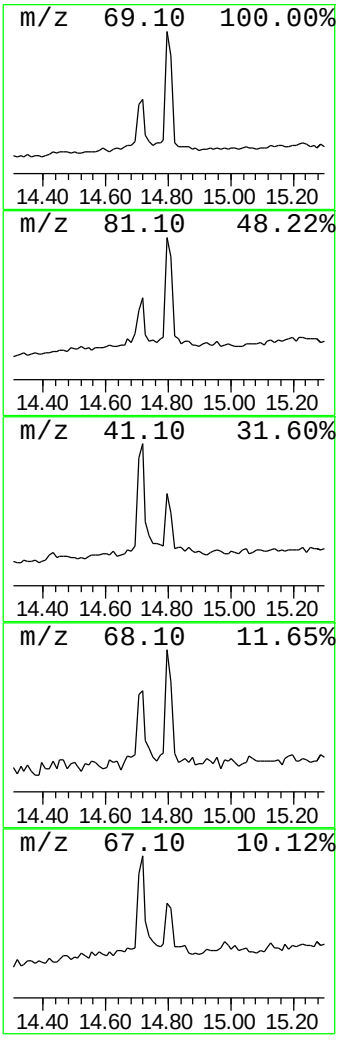
****

Peak Number 10 3,7,11-Tridecatrienenitrile... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.88 ng	86169	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	83
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	83
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	80
4	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	72
5	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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
Hexane	2.14	12.4	ng	490584	1	6.81	788084	20.0
Heptane	2.22	17.2	ng	679428	1	6.81	788084	20.0
2-Pentanone, 4-hy...	4.99	3.1	ng	121463	1	6.81	788084	20.0
unknown6.58	6.58	101.1	ng	3982570	1	6.81	788084	20.0
Hexadecane	10.28	2.0	ng	86402	3	9.85	851369	20.0
1-Docosene	13.81	4.2	ng	166375	5	13.96	788095	20.0
13-Docosenamide, ...	14.72	11.6	ng	345889	6	15.37	597555	20.0
3,7,11-Tridecatri...	14.80	2.9	ng	86169	6	15.37	597555	20.0