LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077572.D
Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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	1.390	42	44	47	rBV	3478472	4664078	100.00%	13.480%
2	1.527	52	56	59	rBV	105468	195393	4.19%	0.565%
3	1.698	68	71	78	rVB	58972	77197	1.66%	0.223%
4	1.835	81	83	93	rVB	43347	72456	1.55%	0.209%
5	5.013	359	361	368	rVB	193646	242178	5.19%	0.700%
6	5.527	403	406	409	rBV	1454105	1459636	31.30%	4.218%
7	6.796	514	517	520	rBV	1664220	1501532	32.19%	4.340%
8	6.944	528	530	533	rBV	1678112	1573189	33.73%	4.547%
9	7.230	553	555	558	rBV	433161	551589	11.83%	1.594%
10	7.425	569	572	574	rBV	1323937	1294073	27.75%	3.740%
11	7.927	613	616	618	rBV	1113697	974917	20.90%	2.818%
12	8.807	691	693	696	rVB	642634	766356	16.43%	2.215%
13	9.379	739	743	746	rBV2	33424	62350	1.34%	0.180%
14	9.699	764	771	773	rVB5	22469	83318	1.79%	0.241%
15	10.156	809	811	814	rVB	1576991	1861152	39.90%	5.379%
16	10.248	817	819	822	rBV	91196	140961	3.02%	0.407%
17	10.385	829	831	833	rBV2	38978	58120	1.25%	0.168%
18	10.476	837	839	843	rBV2	34969	83733	1.80%	0.242%
19	10.545	843	845	846	rBV	44013	57584	1.23%	0.166%
20	10.568	846	847	849	rBV	91543	89837	1.93%	0.260%
21	10.625	851	852	854	rVB	318193	273935	5.87%	0.792%
22	10.693	854	858	863	rBV6	133496	434638	9.32%	1.256%
23	10.819	867	869	871	rBV2	172722	216668	4.65%	0.626%
24	10.876	873	874	876	rVB	340143	358198	7.68%	1.035%
25	10.933	876	879	880	rBV2	59211	85800	1.84%	0.248%
26	10.991	880	884	886	rBV	1016975	1340303	28.74%	3.874%
27	11.048	886	889	891	rVV3	108586	134793	2.89%	0.390%
28	11.128	894	896	899	rVB4	69280	124709	2.67%	0.360%
29	11.208	901	903	904	rBV	78706	84354	1.81%	0.244%
30	11.253	904	907	908	rBV2	96084	159337	3.42%	0.460%
31	11.345	913	915	917	rBV2	166172	209027	4.48%	0.604%
32	11.402	917	920	923	rBV2	199647	568220	12.18%	1.642%
33	11.459	923	925	926	rBV2	104602	153265	3.29%	0.443%
34	11.493	926	928	932	rBV2	477037	666170	14.28%	1.925%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077572.D
Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.551	932	933	934	rBV	102062	130954	2.81%	0.378%
36	11.665	941	943	945	rBV	206088	235326	5.05%	0.680%
37	11.711	945	947	949	rVB2	147690	175859	3.77%	0.508%
38	11.848	955	959	961	rBV2	304274	505157	10.83%	1.460%
39	11.974	967	970	973	rBV3	807200	1376860	29.52%	3.979%
40	12.019	973	974	976	rBV2	156015	284202	6.09%	0.821%
41	12.099	979	981	982	rBV2	183762	252468	5.41%	0.730%
42	12.134	982	984	986	rVV	388427	542798	11.64%	1.569%
43	12.179	986	988	990	rVV	568236	682711	14.64%	1.973%
44	12.236	990	993	996	rBV4	213857	573542	12.30%	1.658%
45	12.522	1016	1018	1021	rBV2	400246	575308	12.33%	1.663%
46	12.762	1038	1039	1041	rVB	605593	687214	14.73%	1.986%
47	12.831	1043	1045	1047	rBV	783132	1060839	22.74%	3.066%
48	13.208	1076	1078	1080	rBV2	467741	721606	15.47%	2.085%
49	14.842	1219	1221	1222	rBV	1312722	1290102	27.66%	3.728%
50	18.557	1544	1546	1550	rVB	925750	1887366	40.47%	5.455%
51	18.980	1580	1583	1592	rVB2	1200725	2999821	64.32%	8.670%

Sum of corrected areas: 34601199

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Sample : G1332-02
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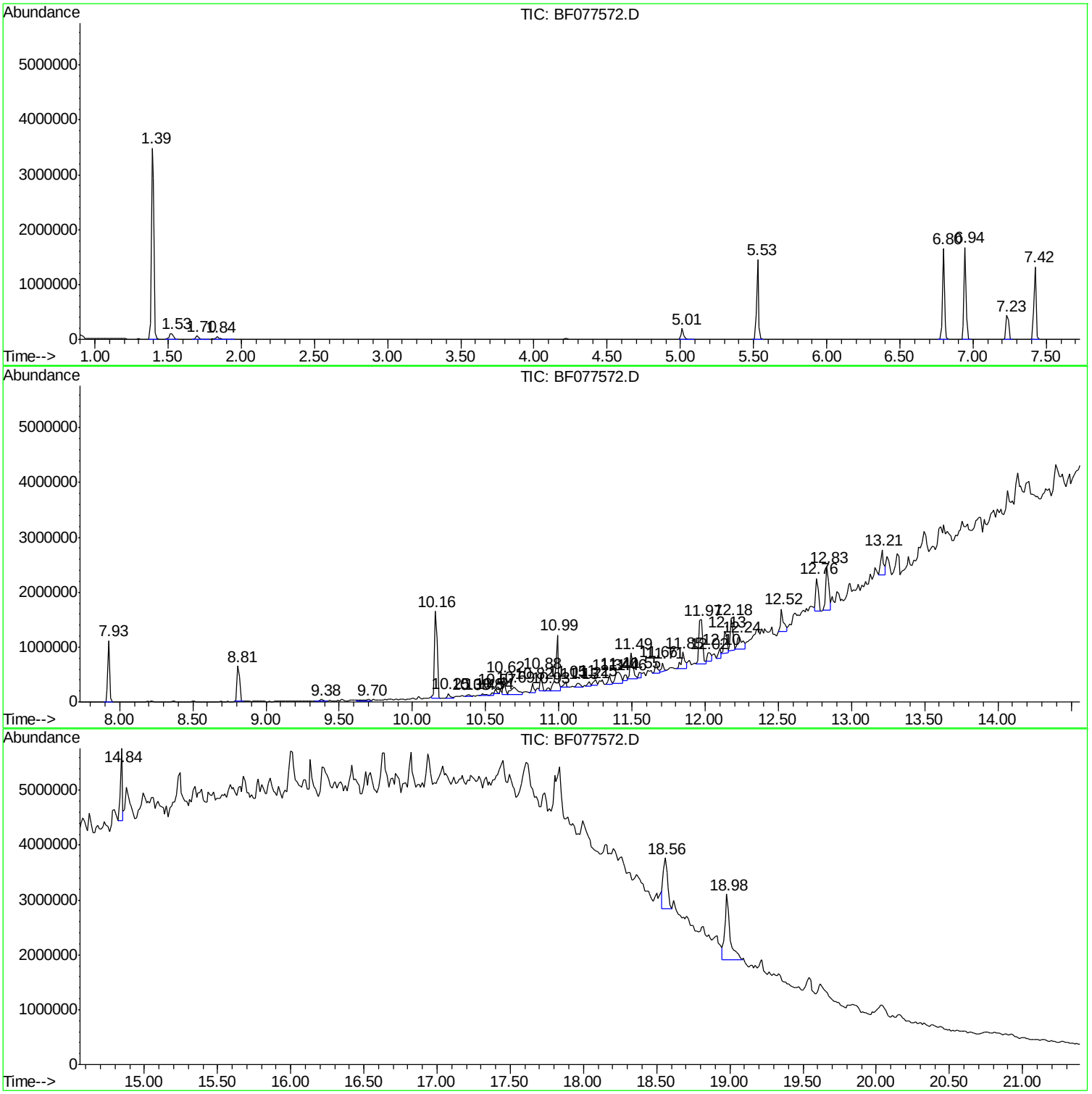
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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\BF030315\
Data File : BF077572.D
Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

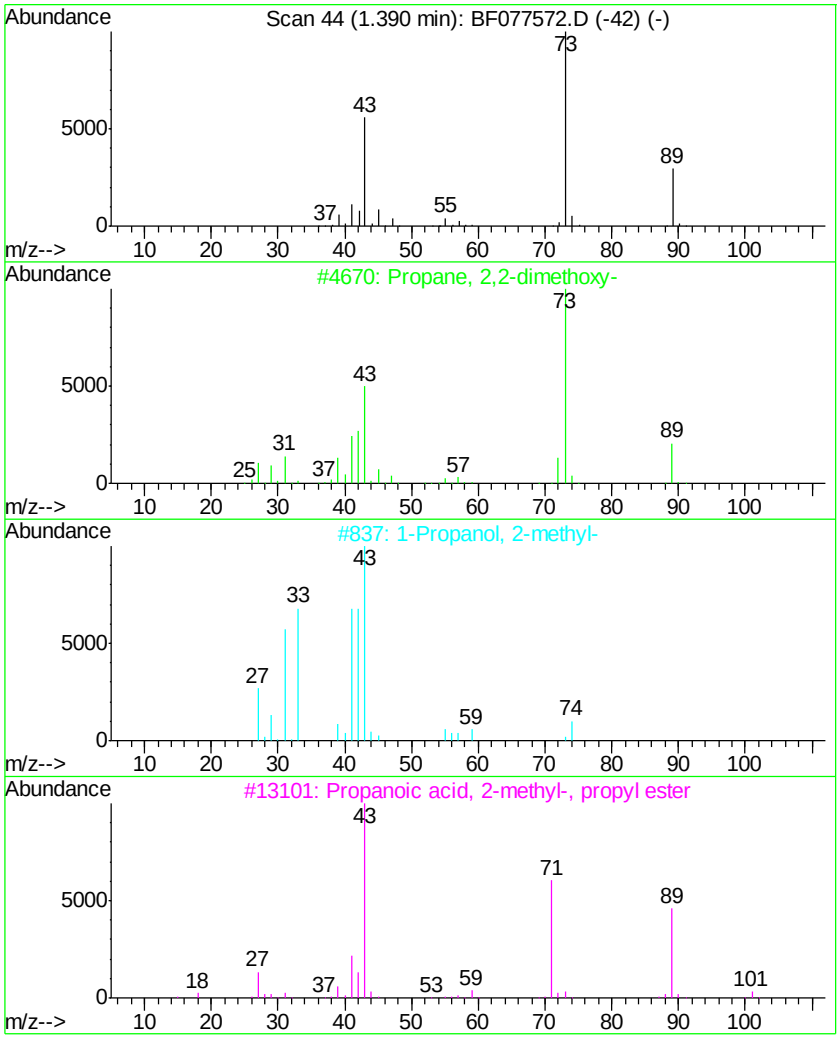
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

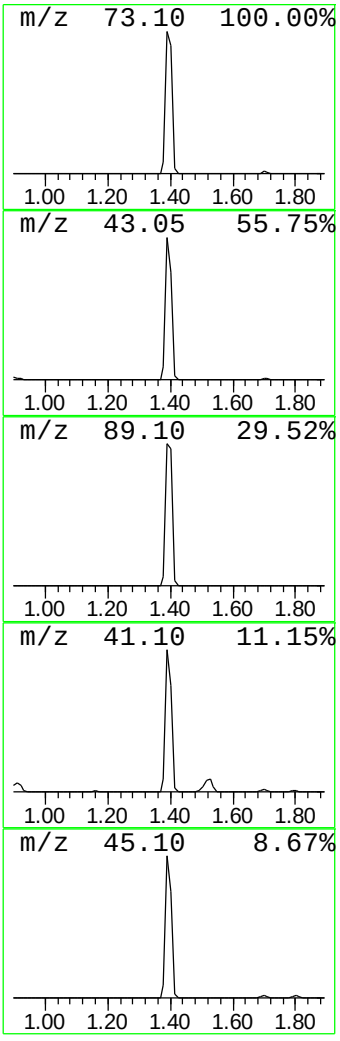
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.39	169.11 ng	4664080	1,4-Dichlorobenzene-d4	7.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077572.D
Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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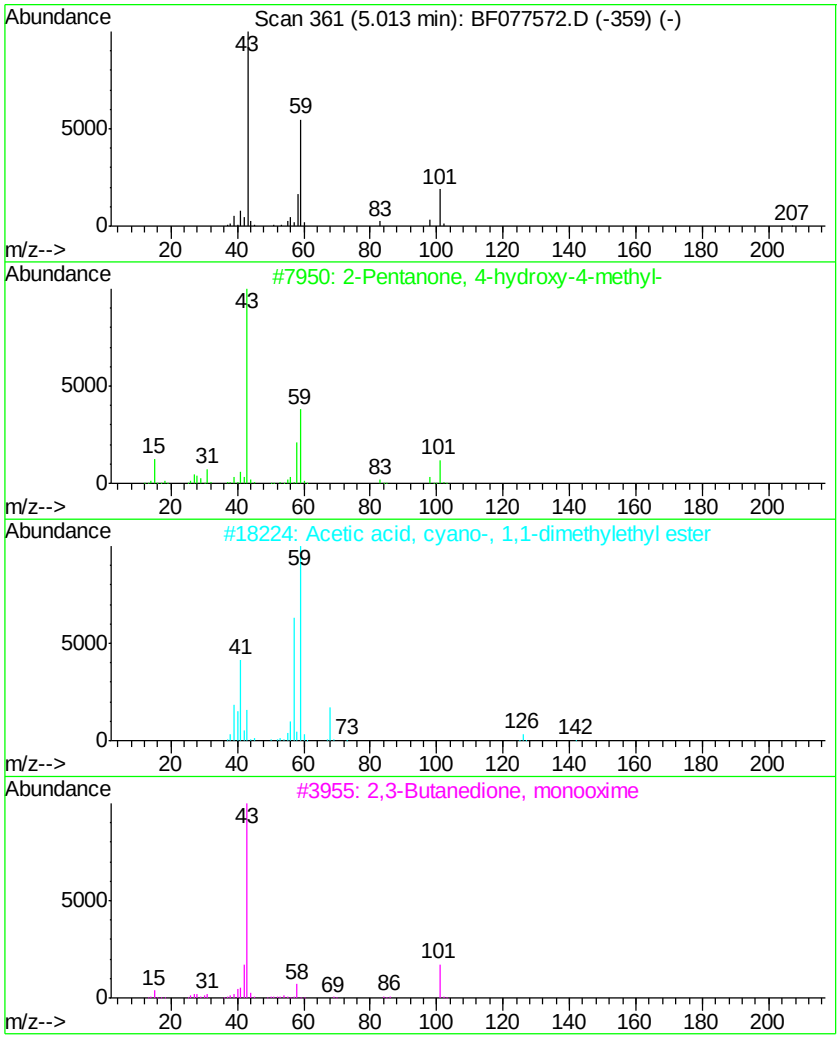
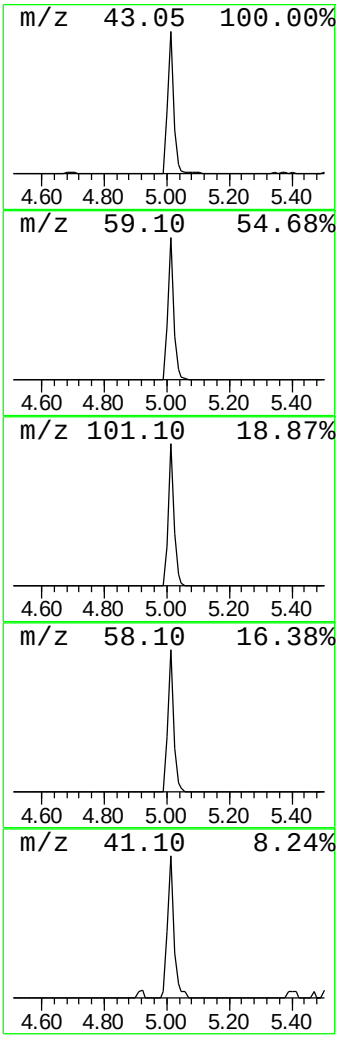
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	8.78 ng	242178	1,4-Dichlorobenzene-d4	7.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077572.D
Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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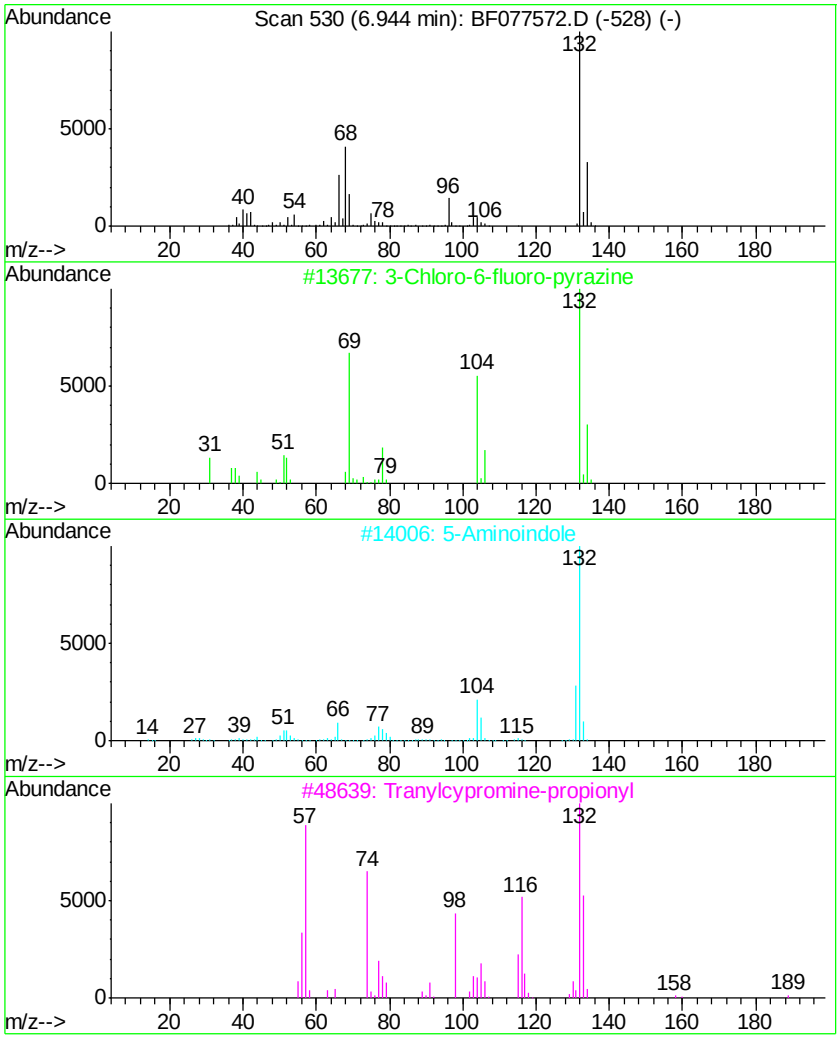
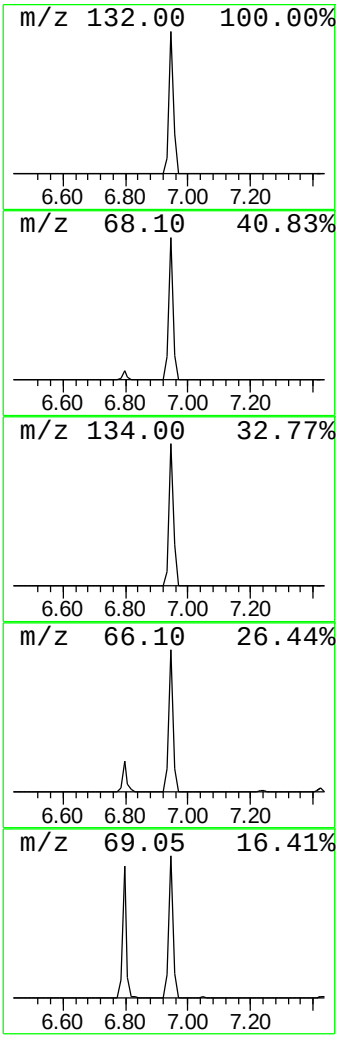
Peak Number 4 unknown6.94 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	57.04 ng	1573190	1,4-Dichlorobenzene-d4	7.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077572.D
Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

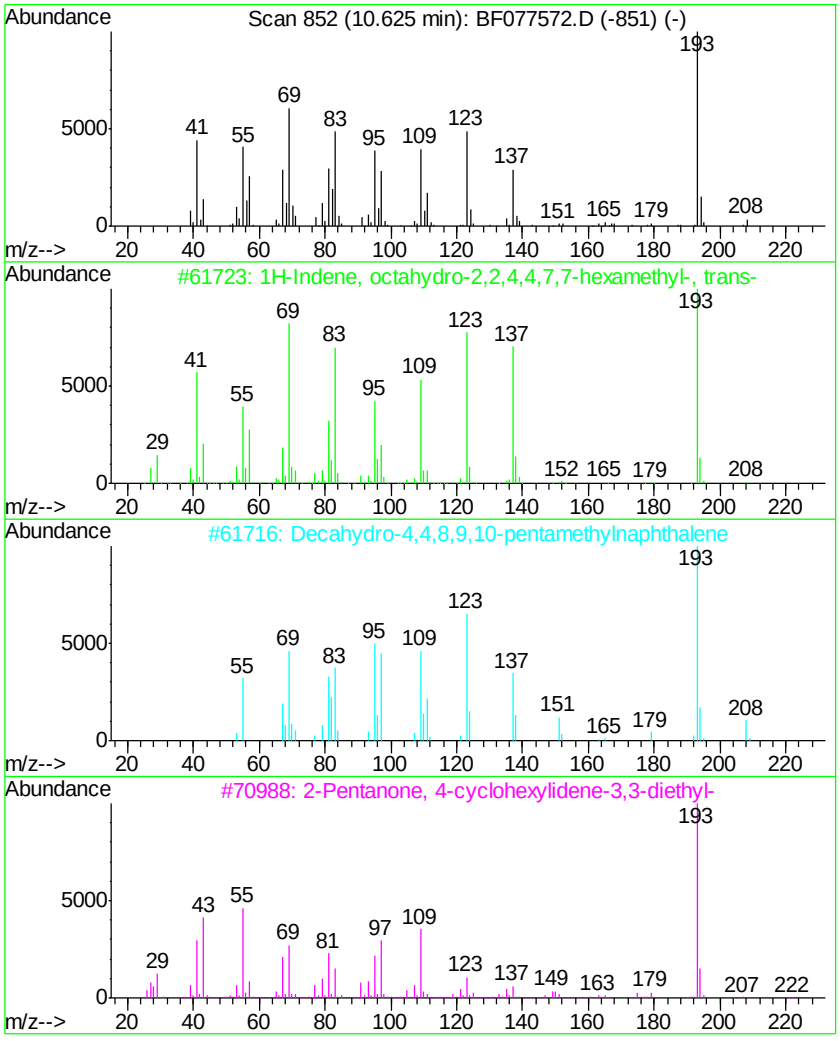
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

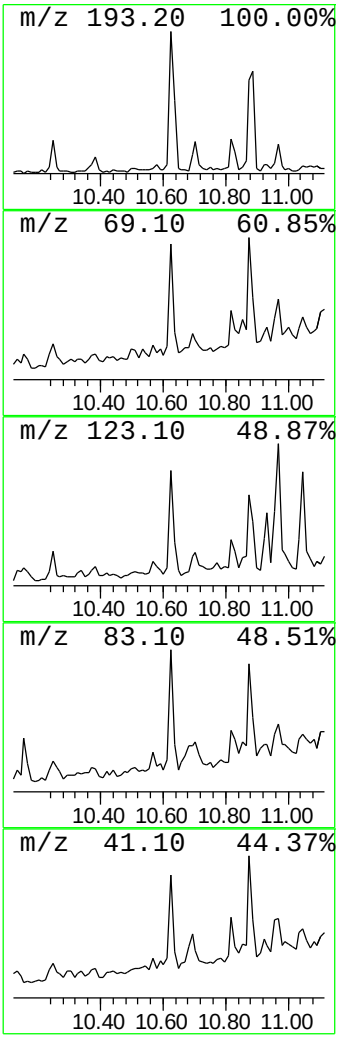
****

Peak Number 6 1H-Indene, octahydro-2,2,4,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	4.09 ng	273935	Acenaphthene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	59
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	50
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	43
4	Iminostilbene	193	C14H11N	000256-96-2	22
5	2-Anthracenamine	193	C14H11N	000613-13-8	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077572.D
Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

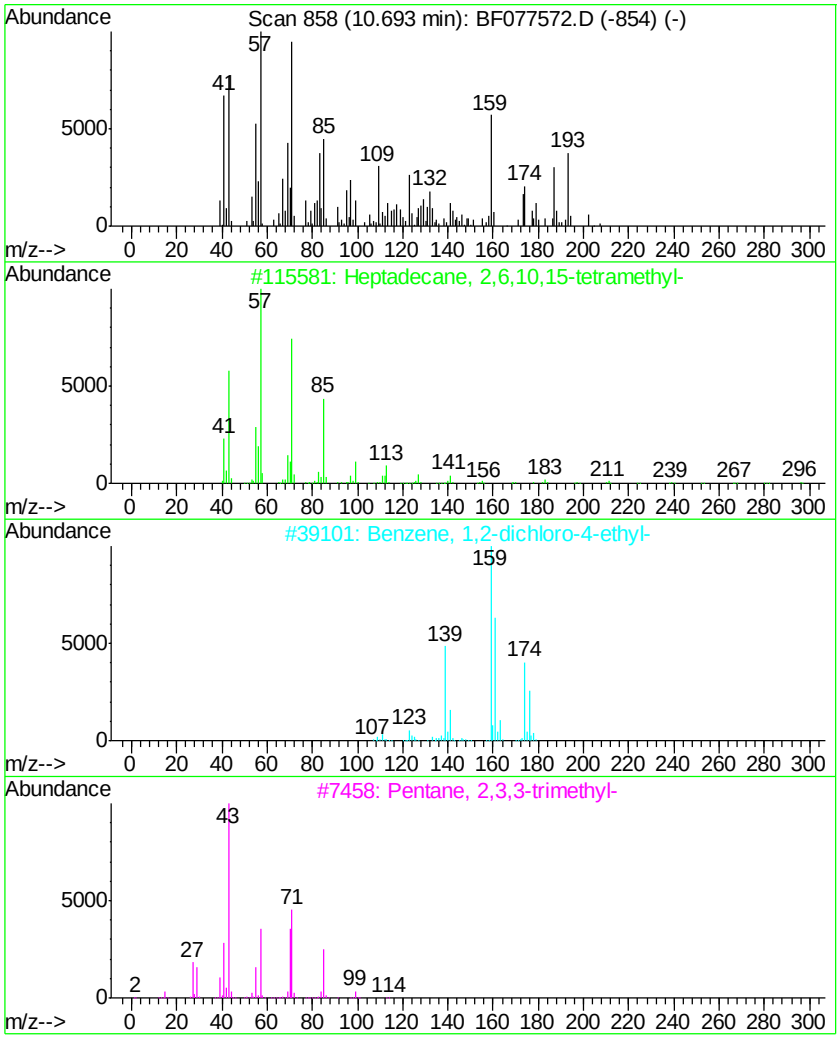
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

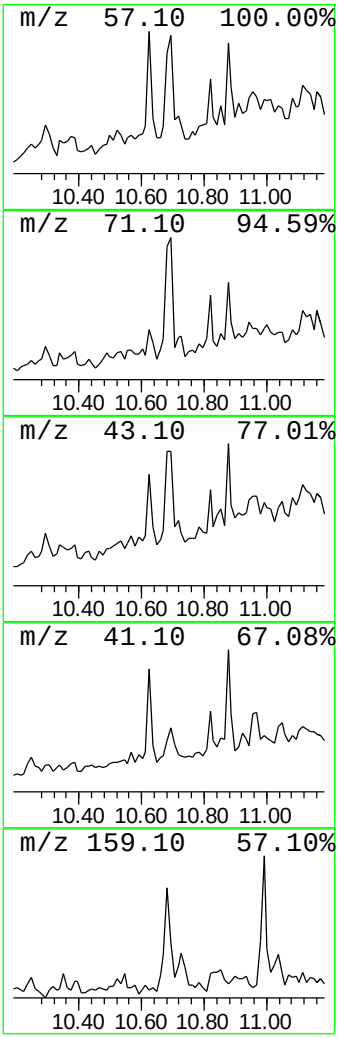
****

Peak Number 7 unknown10.69 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	6.49 ng	434638	Acenaphthene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	30
2	Benzene, 1,2-dichloro-4-ethyl-	174	C8H8Cl2	006623-59-2	30
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	27
4	Nonacosane	408	C29H60	000630-03-5	27
5	Heptacosane	380	C27H56	000593-49-7	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
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Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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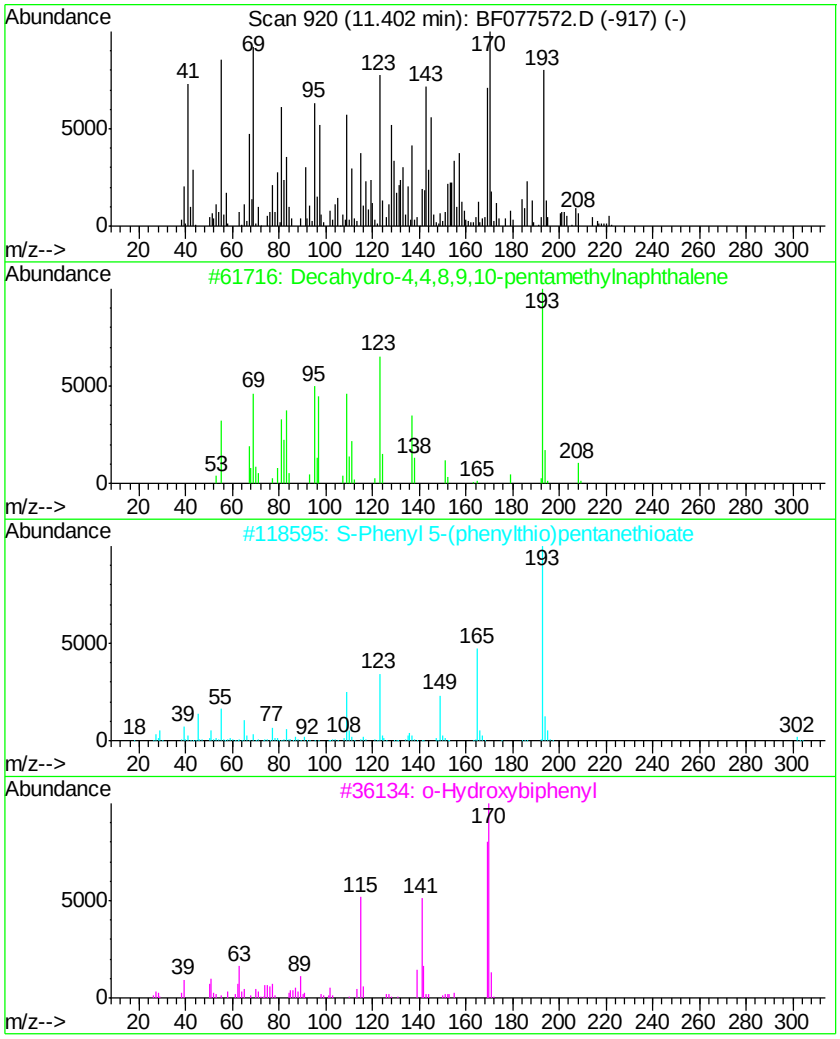
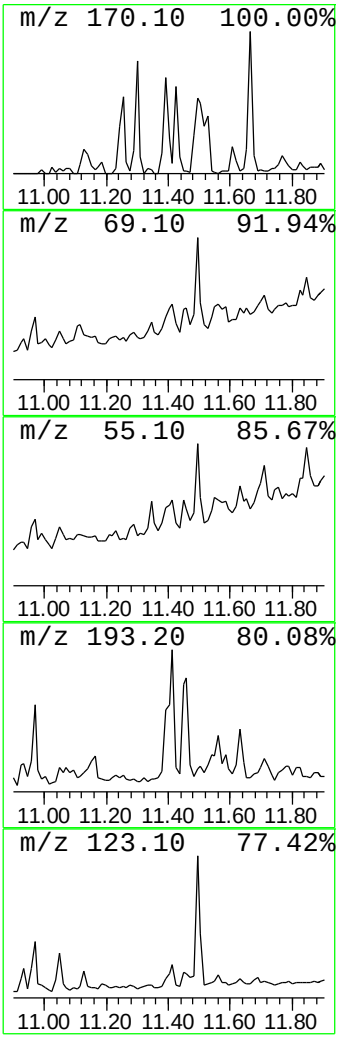
Peak Number 9 Decahydro-4,4,8,9,10-pentam... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	8.48 ng	568220	Acenaphthene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	60
2	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	16
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	15
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	11
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	11





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Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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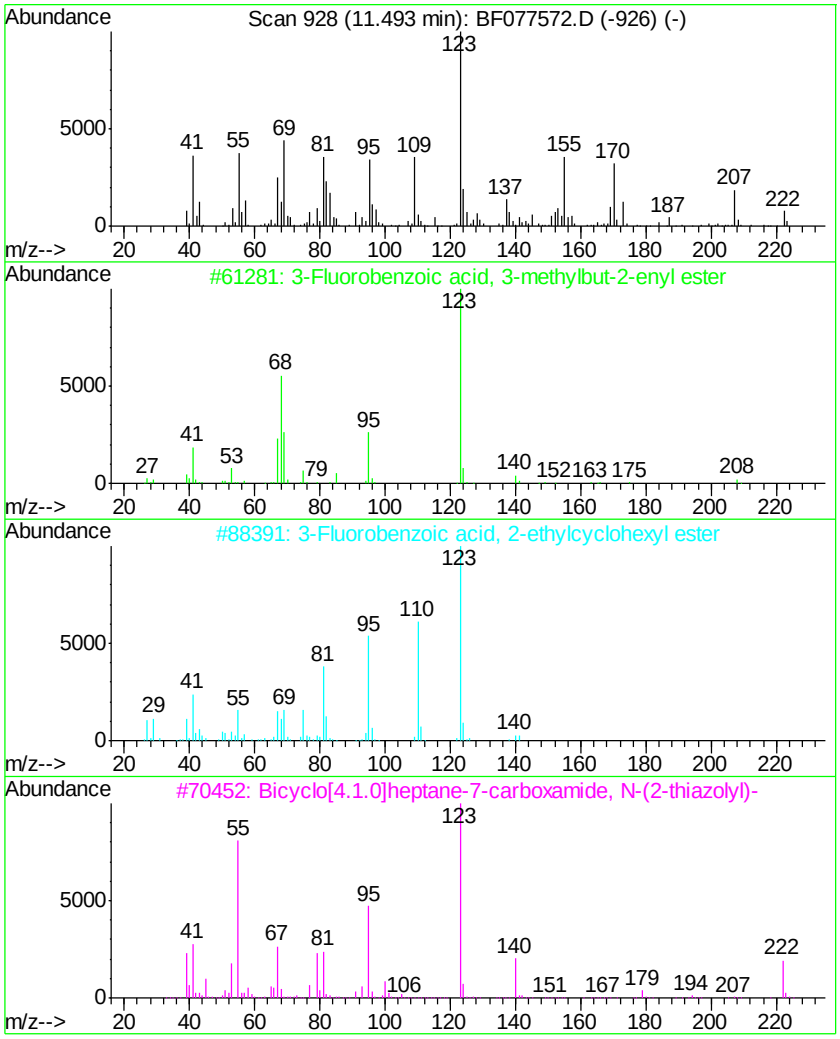
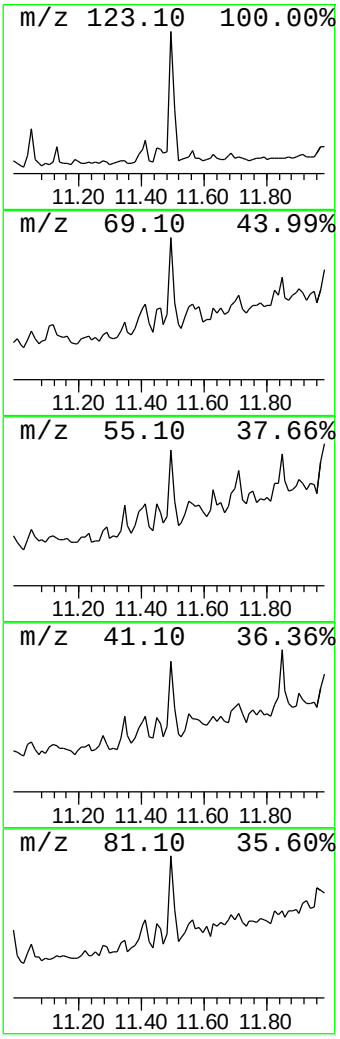
Peak Number 10 unknown11.49 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	9.94 ng	666170	Acenaphthene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	43
2	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	38
3	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	38
4	3-Fluorobenzoic acid, 3-tridecyl...	322	C20H31FO2	1000280-60-3	38
5	Cyclohexanone, 2,5-dimethyl-2-(1...	166	C11H18O	006711-26-8	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077572.D
Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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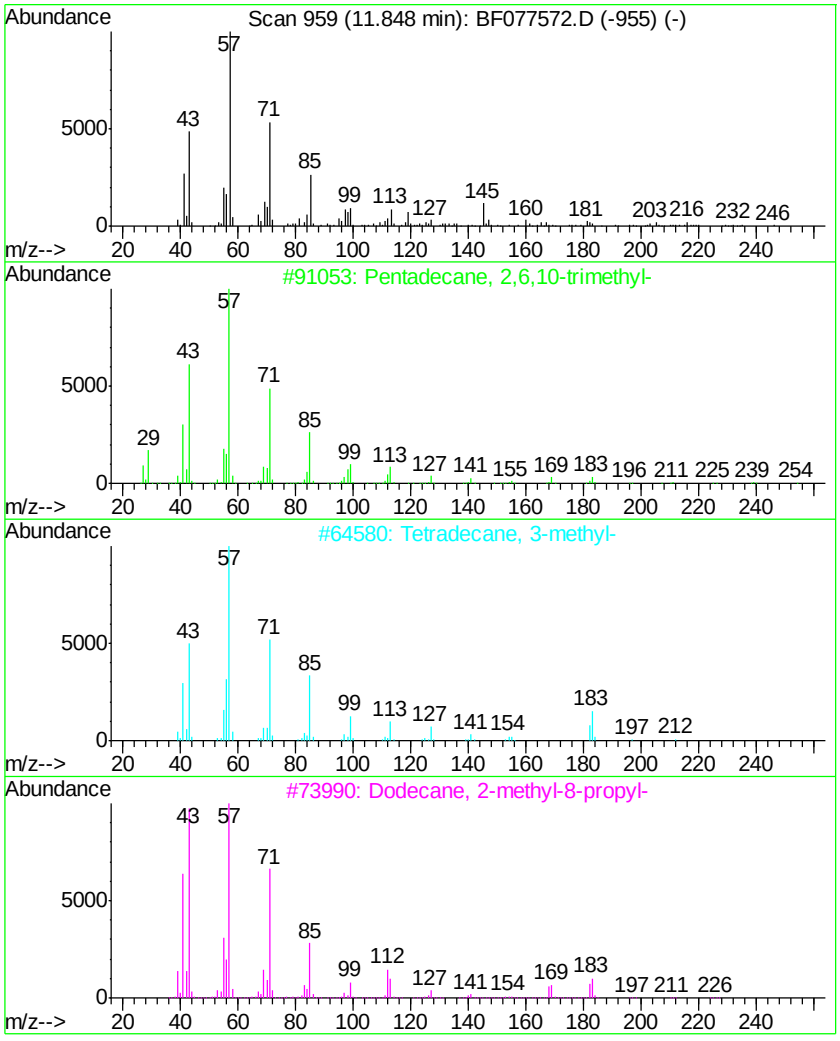
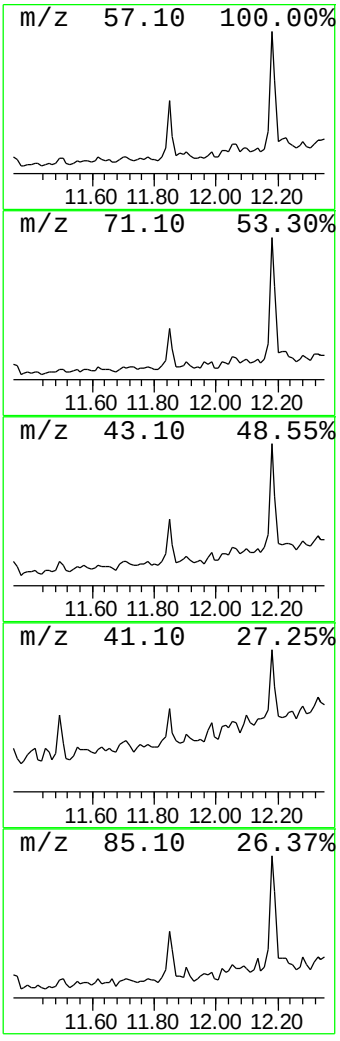
Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	7.54 ng	505157	Acenaphthene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	64
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





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Data File : BF077572.D
Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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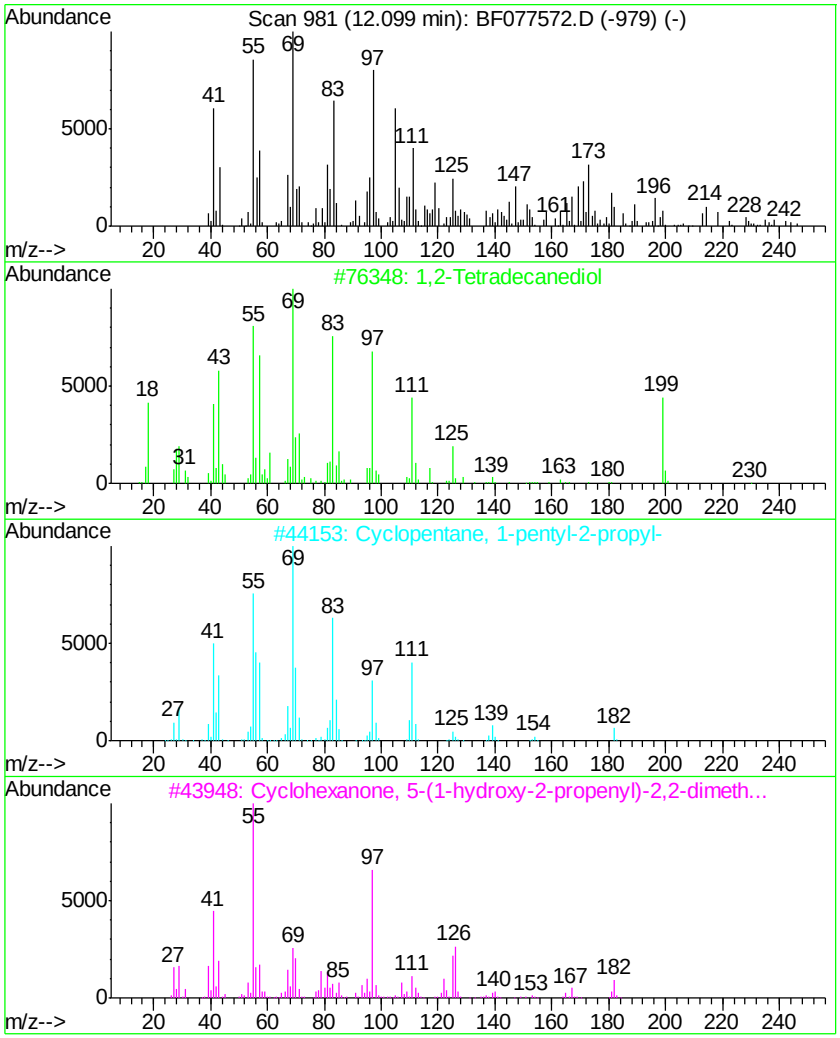
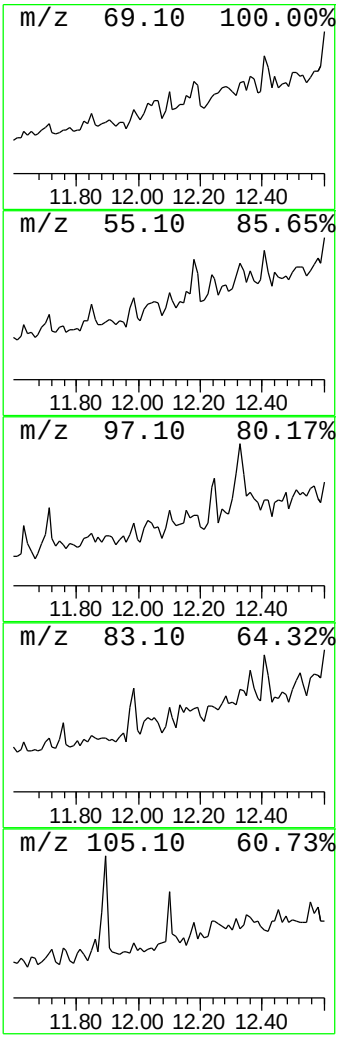
Peak Number 12 1,2-Tetradecanediol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	4.76 ng	252468	Phenanthrene-d10	12.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Tetradecanediol	230	C14H30O2	021129-09-9	52
2	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	38
3	Cyclohexanone, 5-(1-hydroxy-2-pr...	182	C11H18O2	141033-66-1	30
4	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	25
5	Cyclopentane, iodo-	196	C5H9I	001556-18-9	25





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Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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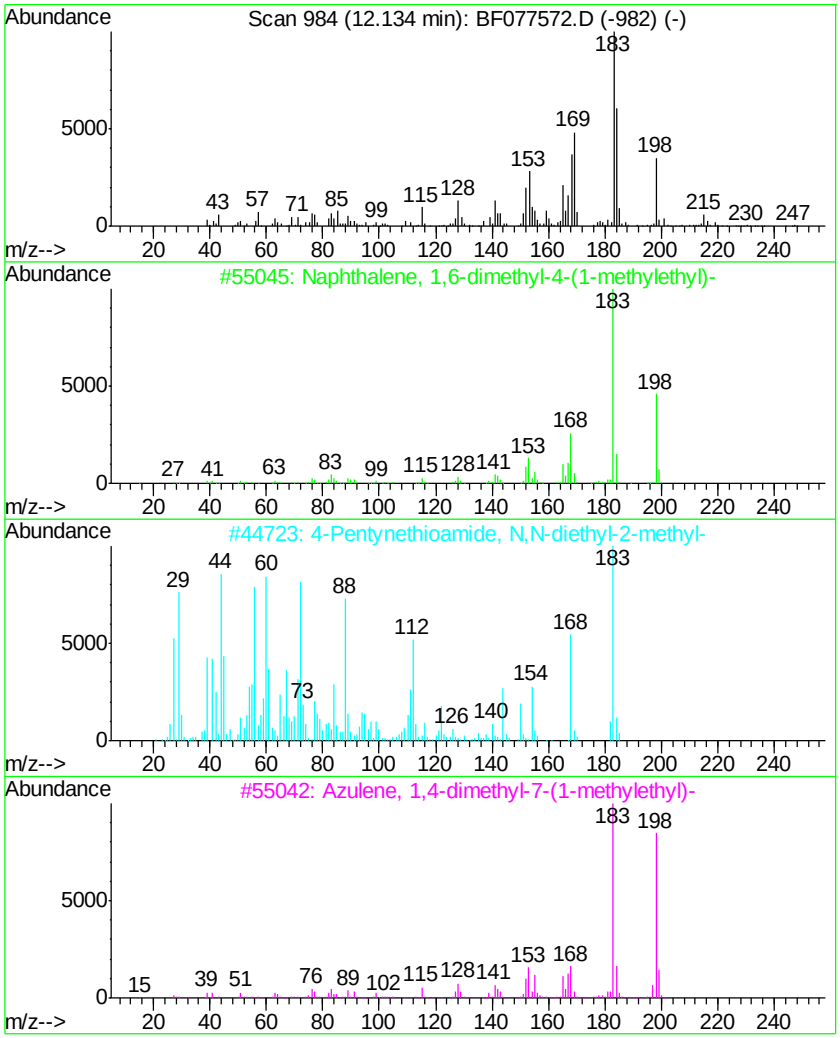
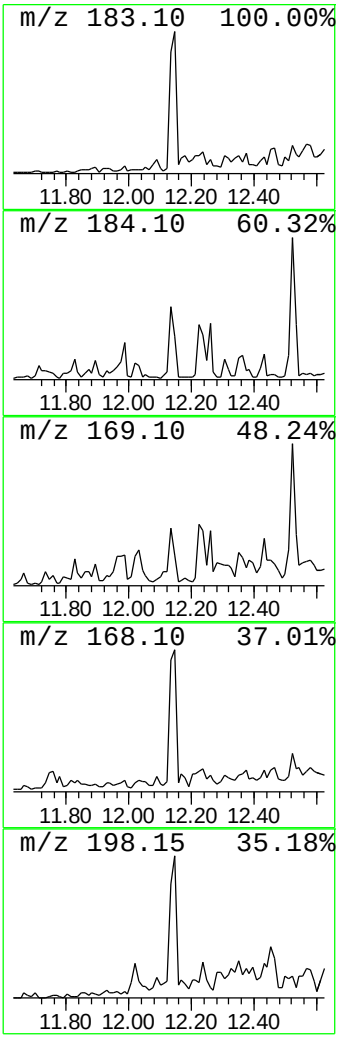
Peak Number 13 Naphthalene, 1,6-dimethyl-4... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	10.23 ng	542798	Phenanthrene-d10	12.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	86
2	4-Pentynethioamide, N,N-diethyl-...	183	C10H17NS	035946-24-8	70
3	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	58
4	Cyclopropane, 1,1,2,2-tetramethy...	198	C15H18	1000264-08-5	50
5	Pyrrolizin-1-thione, 7-propyl-	183	C10H17NS	1000125-99-7	42





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Acq On : 4 Mar 2015 4:48
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Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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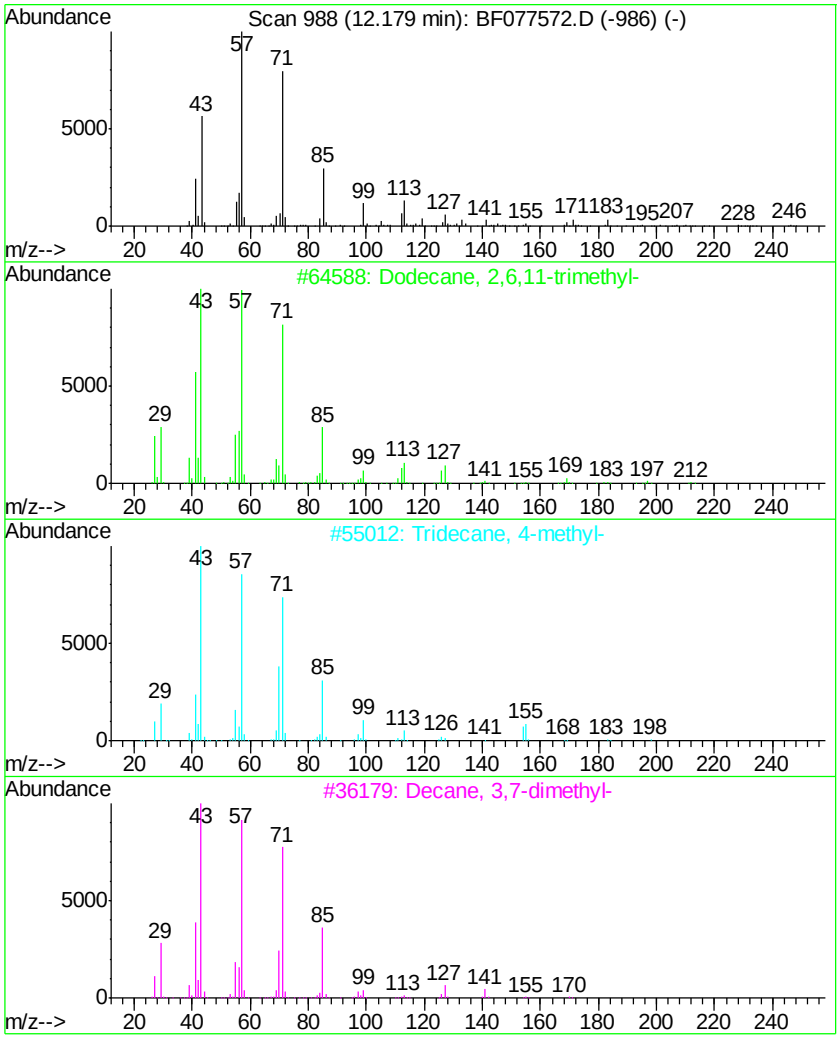
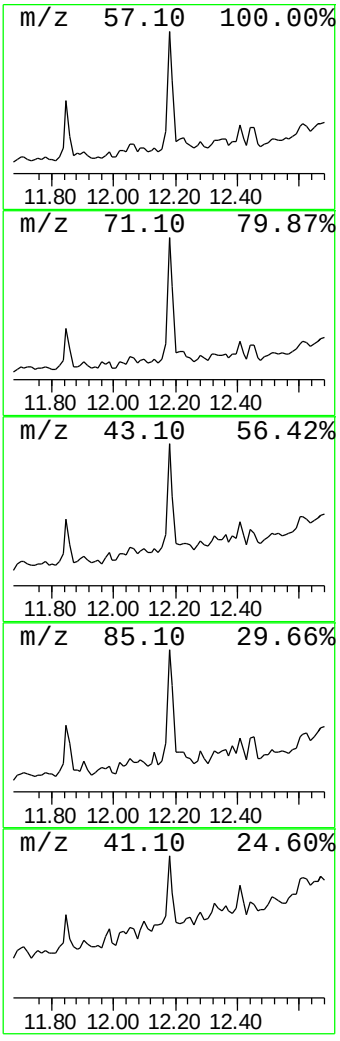
Peak Number 14 Dodecane, 2,6,11-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	12.87 ng	682711	Phenanthrene-d10	12.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64
4	Tetradecane	198	C14H30	000629-59-4	59
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	59





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Acq On : 4 Mar 2015 4:48
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Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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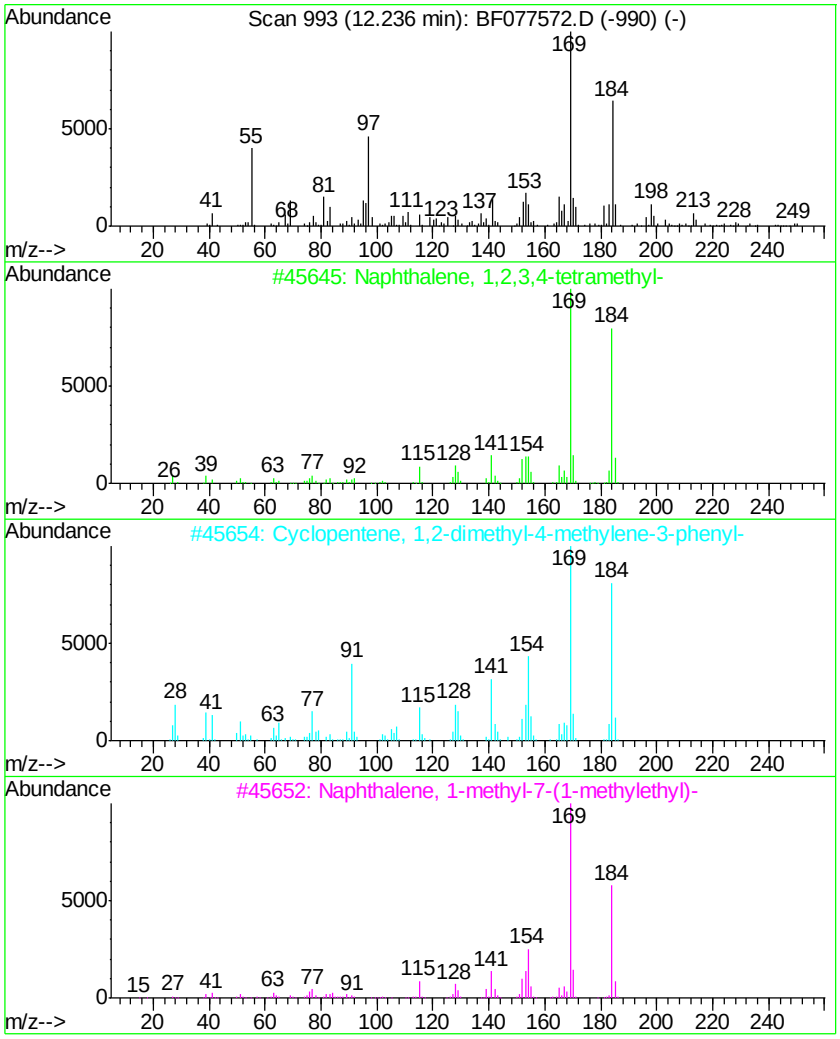
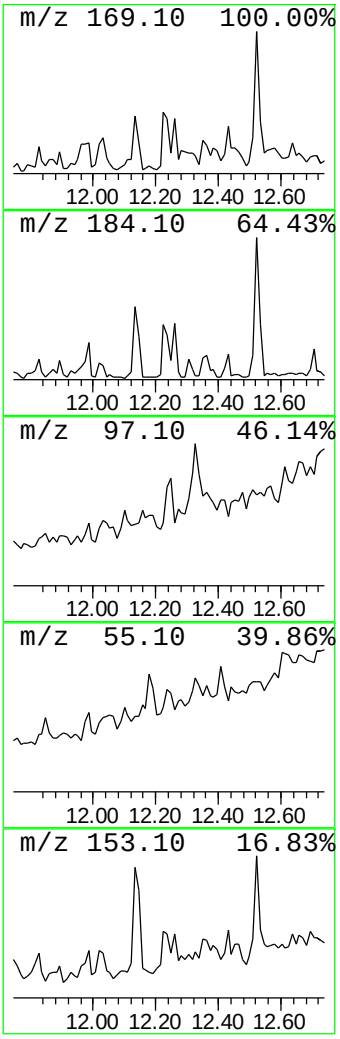
Peak Number 15 Naphthalene, 1,2,3,4-tetram... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	10.81 ng	573542	Phenanthrene-d10	12.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	83
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	60
4	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	60
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	53





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Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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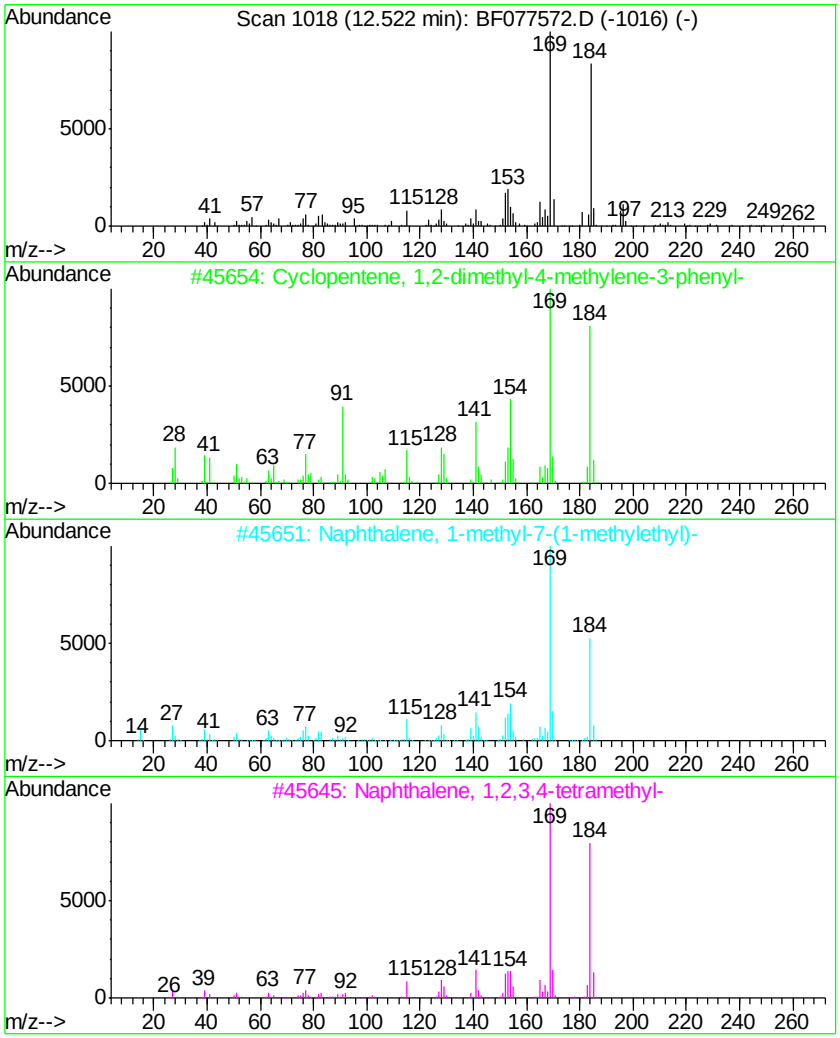
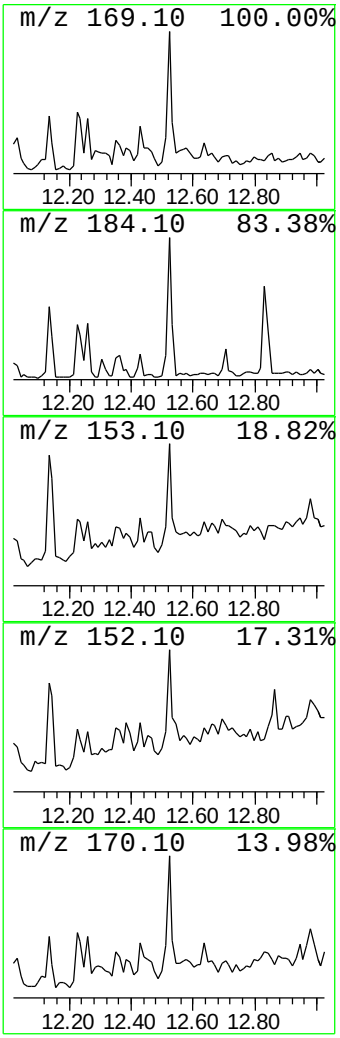
Peak Number 16 Cyclopentene, 1,2-dimethyl-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	10.85 ng	575308	Phenanthrene-d10	12.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	93
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	91
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	87
4	3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	72
5	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	62





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Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

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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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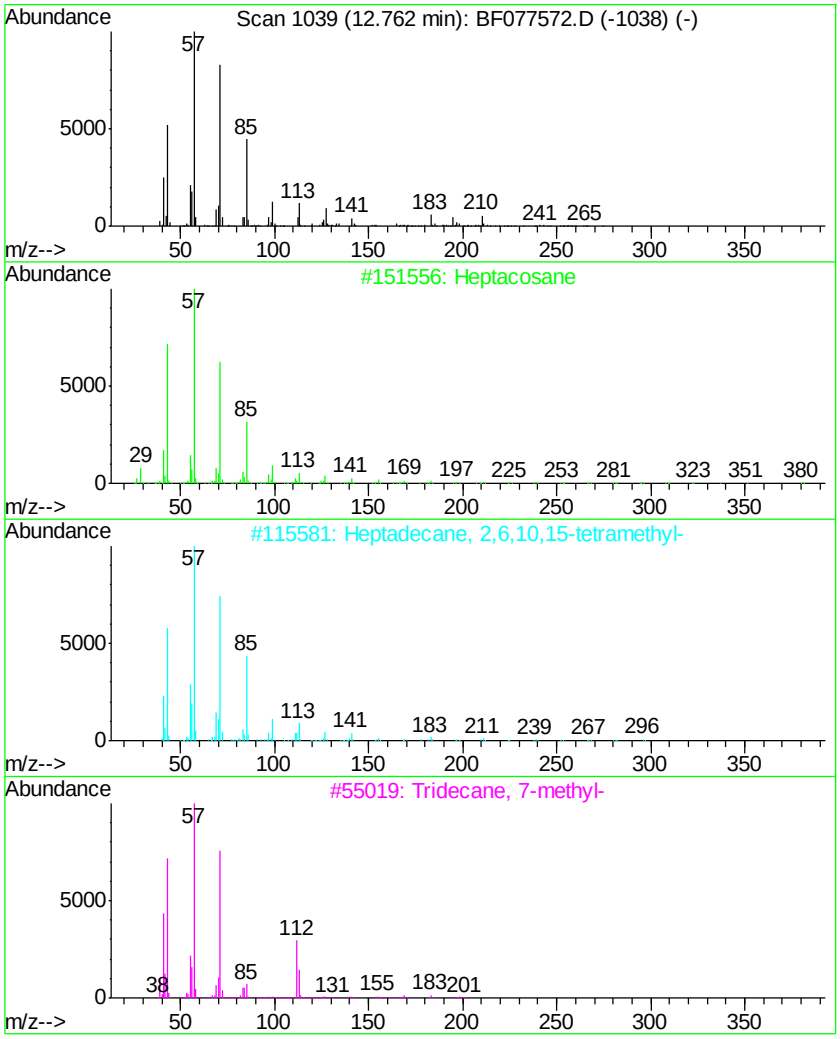
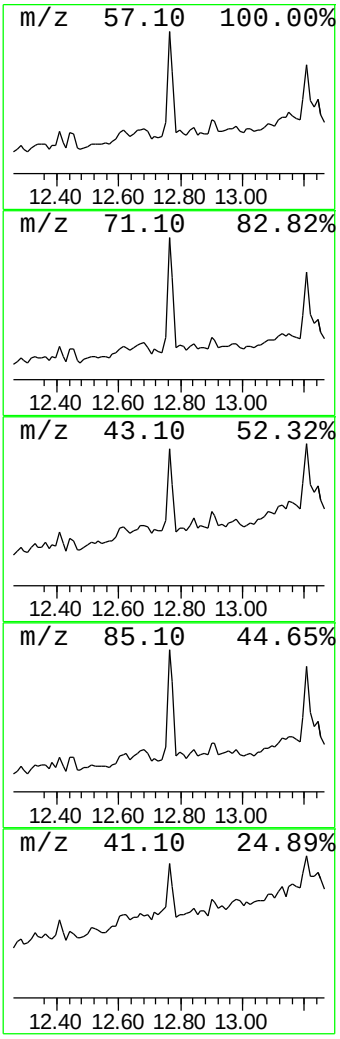
Peak Number 17 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	12.96 ng	687214	Phenanthrene-d10	12.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	78
4	Heptadecane	240	C17H36	000629-78-7	78
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74





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Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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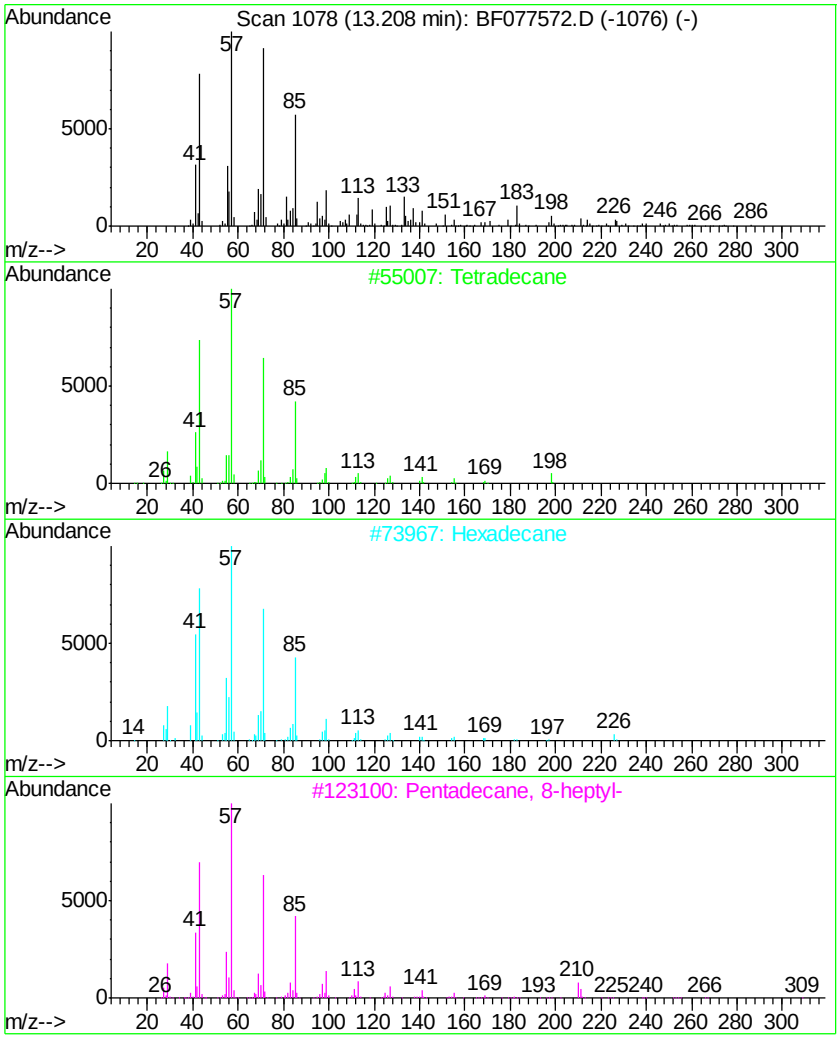
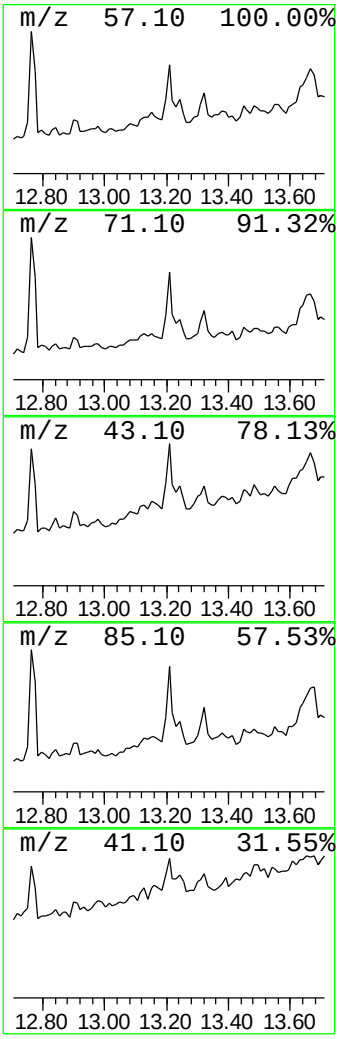
Peak Number 18 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	13.60 ng	721606	Phenanthrene-d10	12.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	72
4	Heptadecane	240	C17H36	000629-78-7	68
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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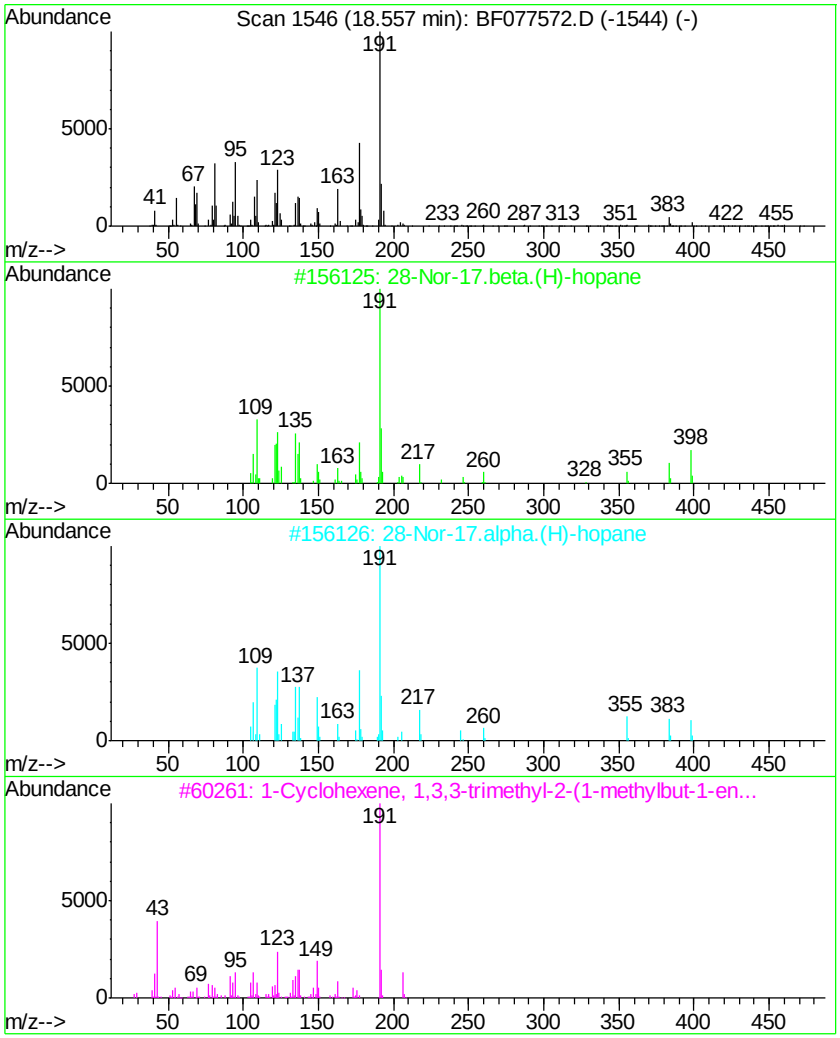
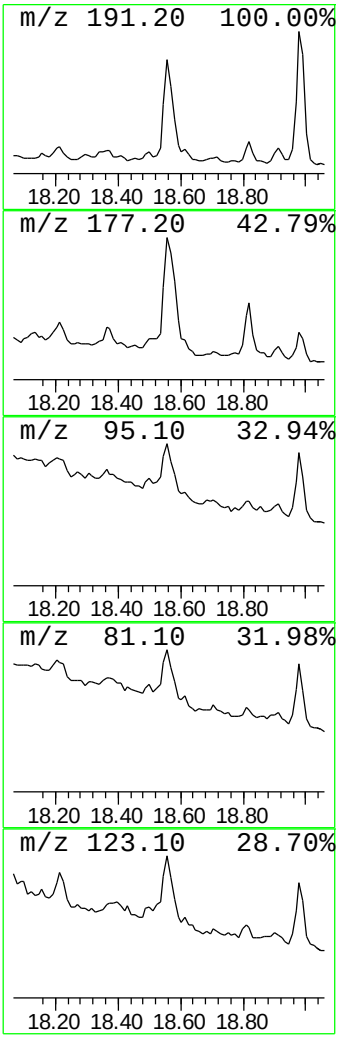
Peak Number 19 28-Nor-17.beta.(H)-hopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	20.00 ng	1887370	Perylene-d12	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	58
2	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	50
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
4	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	37
5	4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	35





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Acq On : 4 Mar 2015 4:48
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Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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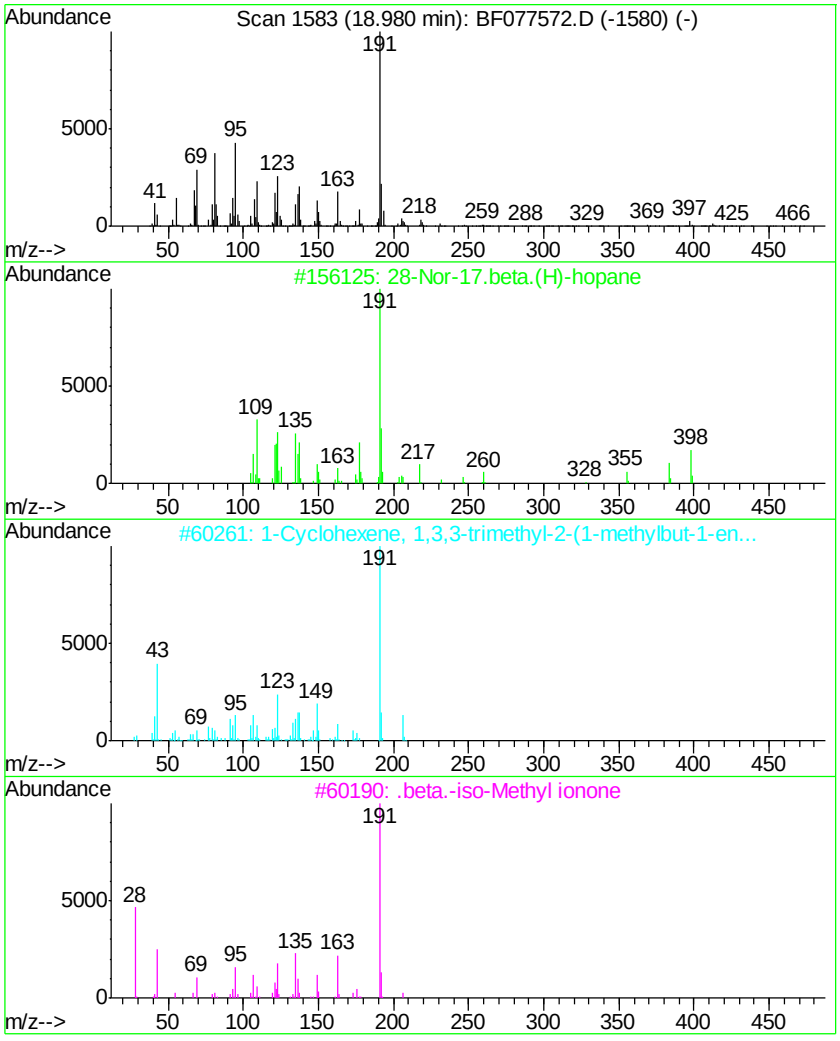
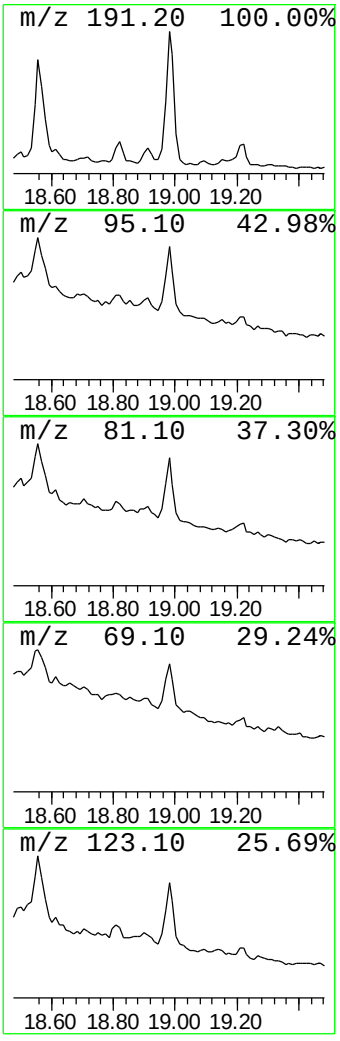
Peak Number 20 1-Cyclohexene, 1,3,3-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	31.79 ng	2999820	Perylene-d12	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	56
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	53
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
4	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077572.D
Acq On : 4 Mar 2015 4:48
Operator : TP/IZ
Sample : G1332-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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
Propane, 2,2-dime...	1.39	169.1	ng	4664080	1	7.24	551589	20.0
2-Pentanone, 4-hy...	5.01	8.8	ng	242178	1	7.24	551589	20.0
unknown6.94	6.94	57.0	ng	1573190	1	7.24	551589	20.0
1H-Indene, octahy...	10.62	4.1	ng	273935	3	10.99	1340300	20.0
unknown10.69	10.69	6.5	ng	434638	3	10.99	1340300	20.0
Decahydro-4,4,8,9...	11.40	8.5	ng	568220	3	10.99	1340300	20.0
unknown11.49	11.49	9.9	ng	666170	3	10.99	1340300	20.0
Pentadecane, 2,6,...	11.85	7.5	ng	505157	3	10.99	1340300	20.0
1,2-Tetradecanediol	12.10	4.8	ng	252468	4	12.83	1060840	20.0
Naphthalene, 1,6-...	12.13	10.2	ng	542798	4	12.83	1060840	20.0
Dodecane, 2,6,11-...	12.18	12.9	ng	682711	4	12.83	1060840	20.0
Naphthalene, 1,2,...	12.24	10.8	ng	573542	4	12.83	1060840	20.0
Cyclopentene, 1,2...	12.52	10.9	ng	575308	4	12.83	1060840	20.0
Heptacosane	12.76	13.0	ng	687214	4	12.83	1060840	20.0
Tetradecane	13.21	13.6	ng	721606	4	12.83	1060840	20.0
28-Nor-17.beta.(H...	18.56	20.0	ng	1887370	6	17.84	1887370	20.0
1-Cyclohexene, 1,...	18.98	31.8	ng	2999820	6	17.84	1887370	20.0