LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078018.D
Acq On : 27 Mar 2015 3:36
Operator : TP/IZ
Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

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-BF031115.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	1.241	29	31	34	rBV	234431	222691	20.80%	0.928%
2	1.367	38	42	45	rVB	63142	112825	10.54%	0.470%
3	1.527	54	56	59	rBV	65054	77327	7.22%	0.322%
4	1.744	74	75	86	rVB	35779	59131	5.52%	0.246%
5	4.830	343	345	351	rBV	71791	90943	8.50%	0.379%
6	5.379	390	393	396	rBV	620697	763692	71.35%	3.182%
7	6.670	504	506	509	rBV	783051	768015	71.75%	3.200%
8	6.807	515	518	520	rBV	884886	854495	79.83%	3.560%
9	7.093	540	543	545	rBV	213211	198900	18.58%	0.829%
10	7.276	557	559	562	rVB	698208	647424	60.48%	2.698%
11	7.379	564	568	569	rBV3	18485	31833	2.97%	0.133%
12	7.413	569	571	574	rBV2	47931	82665	7.72%	0.344%
13	7.459	574	575	578	rVB2	14975	22594	2.11%	0.094%
14	7.527	578	581	582	rBV	20116	42078	3.93%	0.175%
15	7.562	582	584	586	rVV3	70412	125778	11.75%	0.524%
16	7.619	586	589	592	rVV3	90931	232867	21.75%	0.970%
17	7.688	594	595	596	rVV	82429	95897	8.96%	0.400%
18	7.733	596	599	601	rVV2	139577	304874	28.48%	1.270%
19	7.790	601	604	605	rVV	574778	715551	66.85%	2.981%
20	7.836	605	608	609	rVV2	125303	282246	26.37%	1.176%
21	7.893	609	613	616	rVV3	158368	515276	48.14%	2.147%
22	7.950	616	618	619	rVV	135616	225835	21.10%	0.941%
23	7.973	619	620	622	rVV2	144863	260393	24.33%	1.085%
24	8.008	622	623	627	rVV3	142533	444195	41.50%	1.851%
25	8.088	627	630	634	rVV3	408164	1047935	97.90%	4.366%
26	8.156	634	636	638	rVV2	220251	446170	41.68%	1.859%
27	8.190	638	639	640	rVV	192541	229463	21.44%	0.956%
28	8.225	640	642	645	rVV2	586358	913795	85.37%	3.807%
29	8.282	645	647	650	rVV2	260016	578902	54.08%	2.412%
30	8.328	650	651	654	rVV	203510	487384	45.53%	2.031%
31	8.385	654	656	660	rVV4	248142	763146	71.29%	3.180%
32	8.465	661	663	665	rVV2	201928	469145	43.83%	1.955%
33	8.510	665	667	668	rVV	174540	353225	33.00%	1.472%
34	8.556	669	671	673	rVV	355249	601850	56.23%	2.508%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078018.D
Acq On : 27 Mar 2015 3:36
Operator : TP/IZ
Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

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-BF031115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.590	673	674	675	rVV	190130	194712	18.19%	0.811%
36	8.613	675	676	678	rVV2	119287	231964	21.67%	0.966%
37	8.670	678	681	683	rVV	479504	763337	71.31%	3.181%
38	8.716	683	685	688	rVV3	139491	336551	31.44%	1.402%
39	8.796	690	692	695	rVV2	90197	233077	21.77%	0.971%
40	8.842	695	696	698	rVV2	81580	115468	10.79%	0.481%
41	8.888	698	700	702	rVV2	52460	115947	10.83%	0.483%
42	8.933	702	704	710	rVV5	50868	159872	14.94%	0.666%
43	9.025	710	712	715	rVV4	43333	113930	10.64%	0.475%
44	9.071	715	716	718	rVV2	38586	51629	4.82%	0.215%
45	9.105	718	719	720	rVV	30837	23760	2.22%	0.099%
46	9.173	723	725	728	rVV3	20246	38421	3.59%	0.160%
47	9.231	728	730	734	rVV3	42467	75085	7.01%	0.313%
48	9.288	734	735	738	rVB3	18259	26451	2.47%	0.110%
49	9.448	745	749	752	rBV5	25486	45371	4.24%	0.189%
50	9.505	752	754	756	rVV2	27012	32586	3.04%	0.136%
51	9.562	756	759	760	rVV3	18379	36937	3.45%	0.154%
52	9.619	762	764	765	rBV	18678	17944	1.68%	0.075%
53	9.699	769	771	773	rVB2	15539	25783	2.41%	0.107%
54	9.768	773	777	778	rBV3	17890	36343	3.40%	0.151%
55	9.893	787	788	791	rBV3	8713	16199	1.51%	0.067%
56	10.019	797	799	801	rBV	899693	890657	83.21%	3.711%
57	10.156	809	811	812	rBV	13348	18885	1.76%	0.079%
58	10.202	813	815	816	rVV	14063	15166	1.42%	0.063%
59	10.236	816	818	820	rVB2	14722	16950	1.58%	0.071%
60	10.293	820	823	825	rBV4	7121	13698	1.28%	0.057%
61	10.522	841	843	846	rBV2	93797	131682	12.30%	0.549%
62	10.694	854	858	860	rBV4	11772	30496	2.85%	0.127%
63	10.774	863	865	866	rBV2	11431	17400	1.63%	0.072%
64	10.808	866	868	869	rBV	22979	26810	2.50%	0.112%
65	10.831	869	870	873	rBV2	234954	333417	31.15%	1.389%
66	11.025	885	887	889	rBV2	12322	19503	1.82%	0.081%
67	11.105	891	894	895	rBV3	22322	39323	3.67%	0.164%
68	11.208	901	903	904	rVB	20568	22637	2.11%	0.094%
69	11.254	904	907	910	rBV5	22399	62167	5.81%	0.259%
70	11.356	912	916	918	rVV3	26779	57219	5.35%	0.238%
71	11.425	918	922	925	rBV	50445	119453	11.16%	0.498%

LSC Area Percent Report

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Acq On : 27 Mar 2015 3:36
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Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

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-BF031115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.482	925	927	928	rVV2	22888	31867	2.98%	0.133%
73	11.562	931	934	936	rBV3	32118	62377	5.83%	0.260%
74	11.699	944	946	948	rBV	112883	128126	11.97%	0.534%
75	11.814	954	956	960	rBV	552845	626947	58.57%	2.612%
76	11.871	960	961	962	rBV	30569	33160	3.10%	0.138%
77	11.905	962	964	966	rVV	38558	58914	5.50%	0.245%
78	11.985	969	971	972	rVV	60184	72471	6.77%	0.302%
79	12.031	972	975	978	rVV	343381	512224	47.85%	2.134%
80	12.134	981	984	986	rBV3	46090	104429	9.76%	0.435%
81	12.259	992	995	997	rBV3	75317	137521	12.85%	0.573%
82	12.534	1017	1019	1021	rBV	93545	99063	9.25%	0.413%
83	12.579	1021	1023	1024	rBV	71210	86295	8.06%	0.360%
84	12.614	1024	1026	1028	rVB	445652	496453	46.38%	2.069%
85	12.671	1029	1031	1034	rBV	369678	439947	41.10%	1.833%
86	12.751	1036	1038	1040	rBV	100721	115064	10.75%	0.479%
87	13.048	1062	1064	1066	rBV	226334	267788	25.02%	1.116%
88	14.671	1203	1206	1208	rBV	898230	1070417	100.00%	4.460%
89	14.717	1208	1210	1214	rVB5	7640	18662	1.74%	0.078%
90	15.483	1275	1277	1280	rBV4	20096	23273	2.17%	0.097%
91	15.540	1280	1282	1284	rVB	105957	96149	8.98%	0.401%
92	15.745	1298	1300	1301	rBV	25296	28111	2.63%	0.117%
93	15.848	1307	1309	1313	rBV	97341	185495	17.33%	0.773%
94	15.951	1315	1318	1320	rBV	320265	394953	36.90%	1.646%
95	16.626	1375	1377	1380	rBV2	35773	63520	5.93%	0.265%
96	17.608	1461	1463	1466	rVB	341087	434662	40.61%	1.811%
97	18.271	1519	1521	1525	rVB2	65608	129460	12.09%	0.539%
98	18.671	1553	1556	1562	rVB2	95694	179310	16.75%	0.747%
99	19.129	1592	1596	1600	rBV	218245	468978	43.81%	1.954%
100	19.426	1620	1622	1625	rVB2	35266	59412	5.55%	0.248%

Sum of corrected areas: 24000418

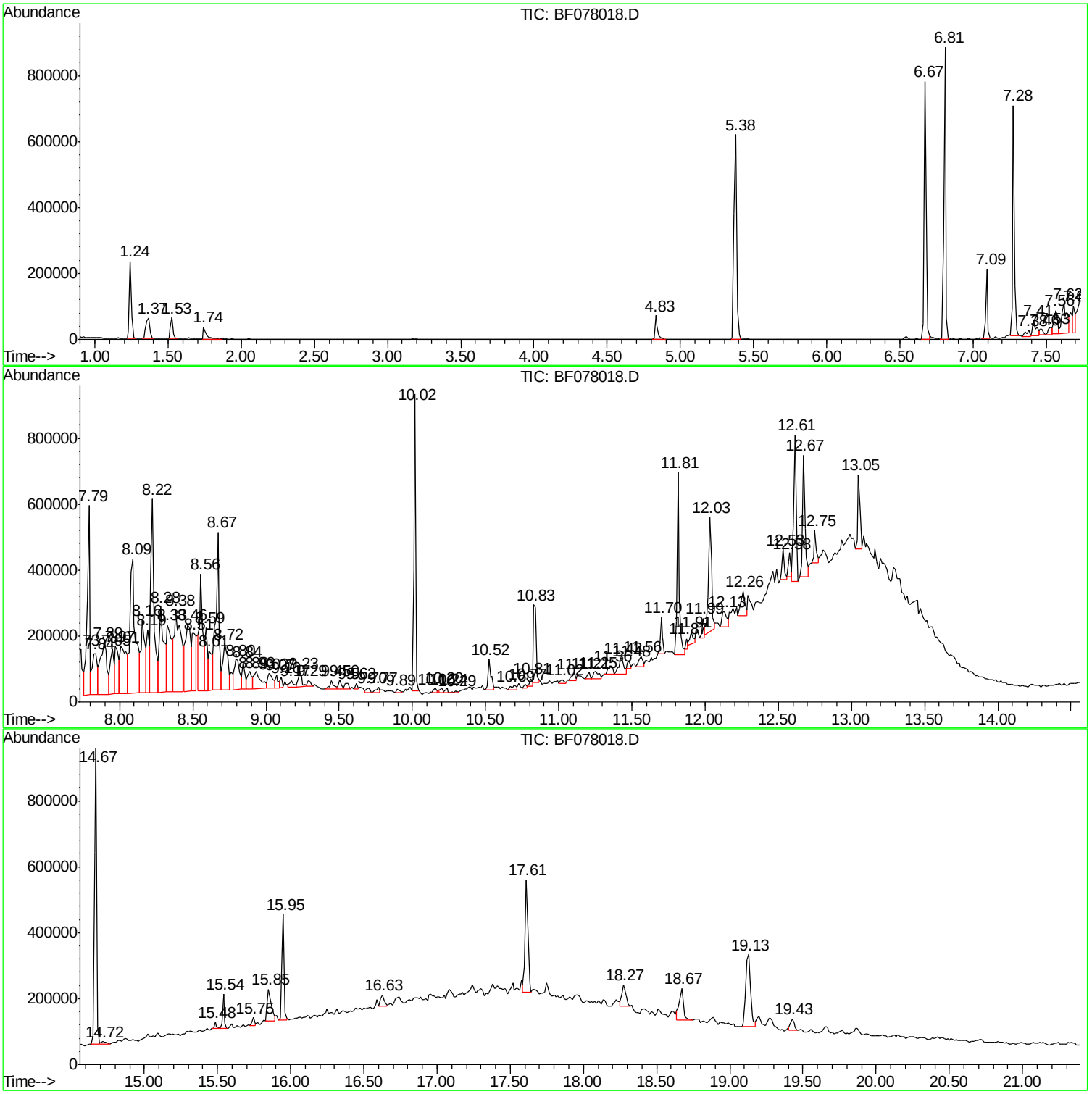
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078018.D
Acq On : 27 Mar 2015 3:36
Operator : TP/IZ
Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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\BF032615\
Data File : BF078018.D
Acq On : 27 Mar 2015 3:36
Operator : TP/IZ
Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

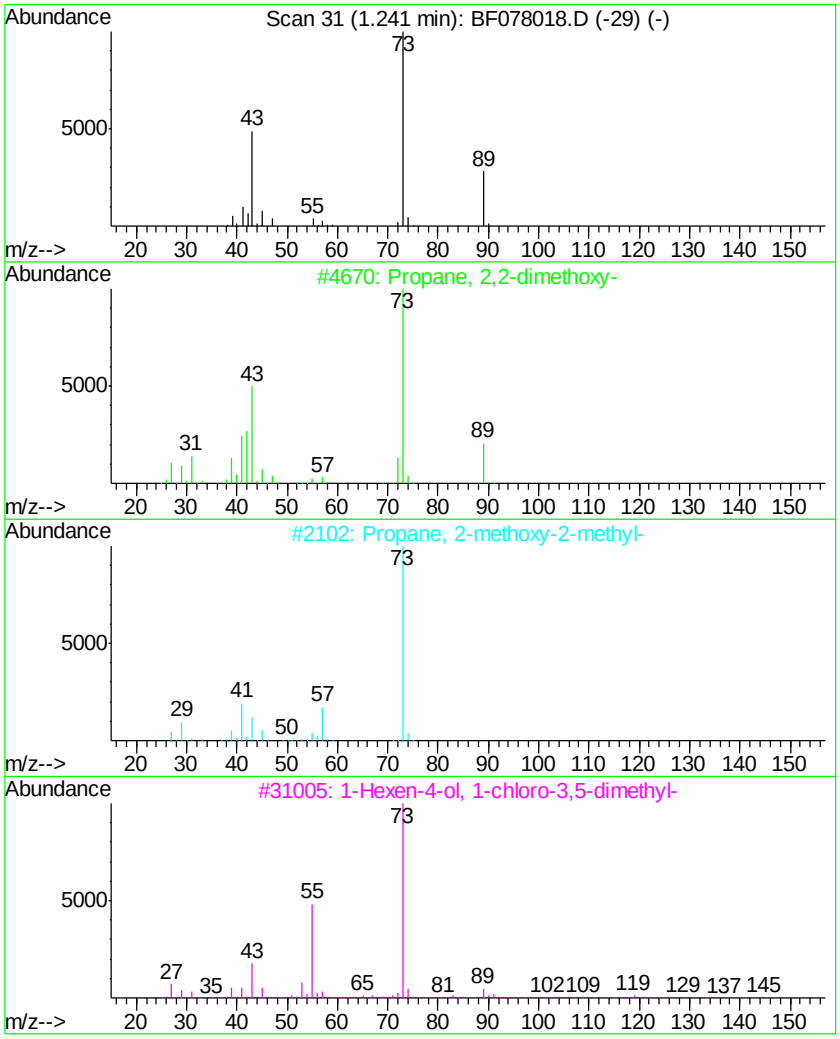
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

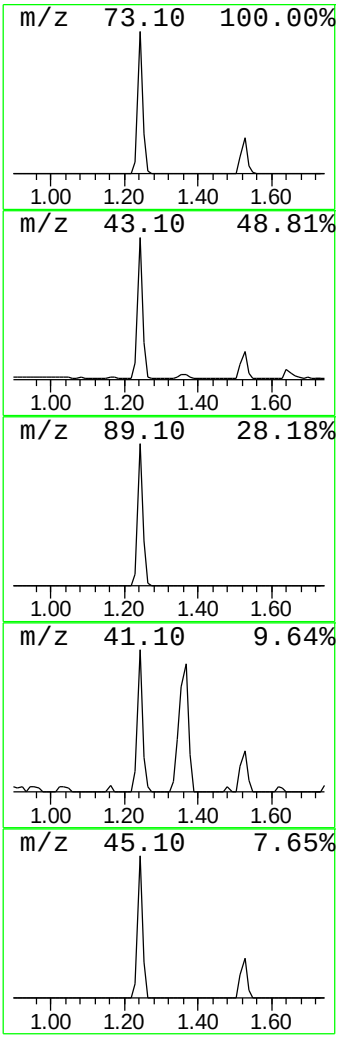
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.24	22.39 ng	222691	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	1,3-Dioxolane	74	C3H6O2	000646-06-0	4





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078018.D
Acq On : 27 Mar 2015 3:36
Operator : TP/IZ
Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

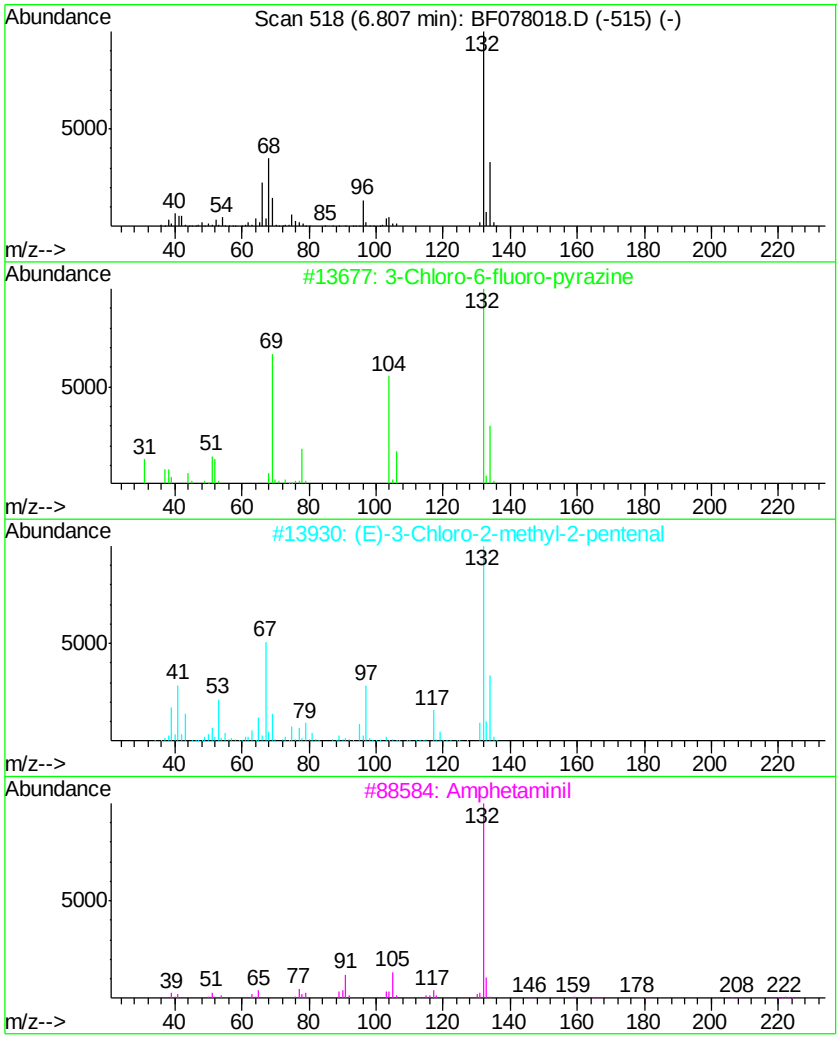
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

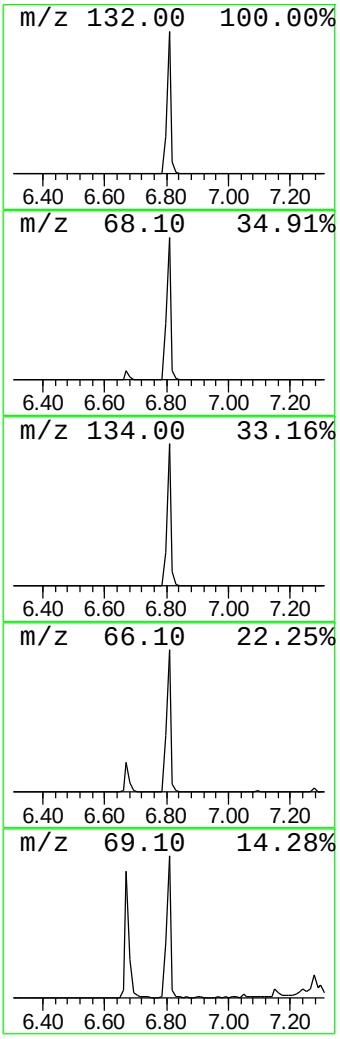
****

Peak Number 2 unknown6.81 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	85.92 ng	854495	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : FD2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

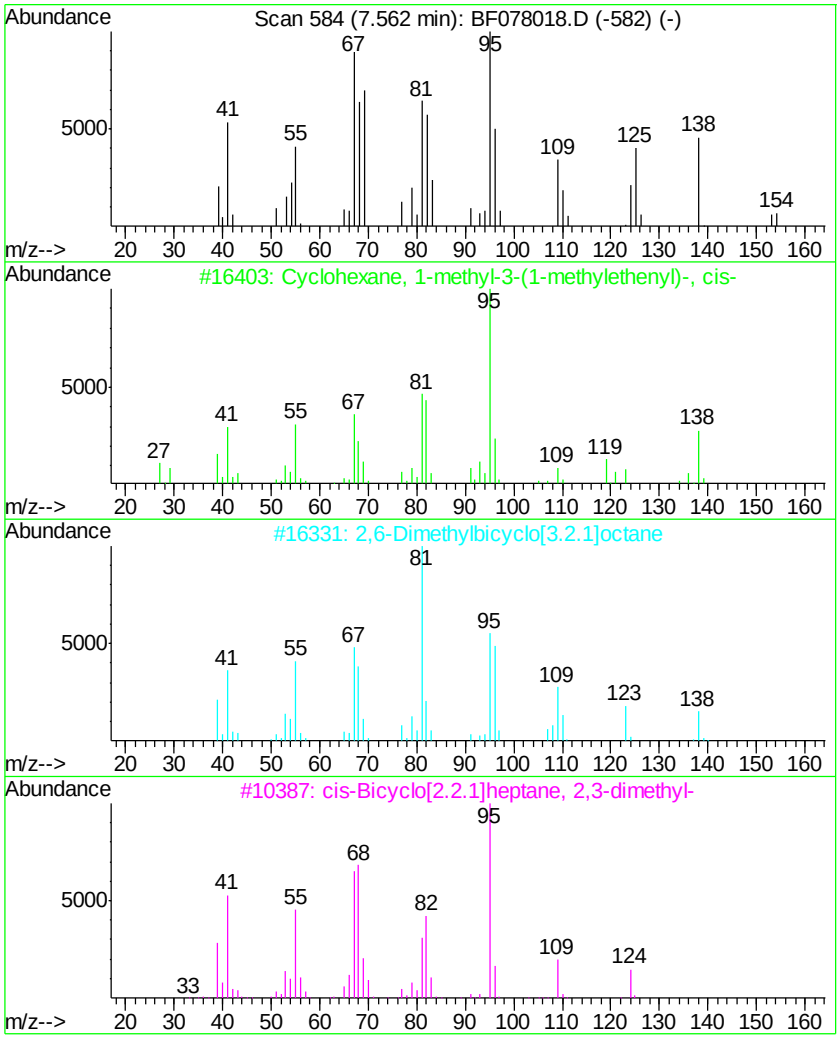
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

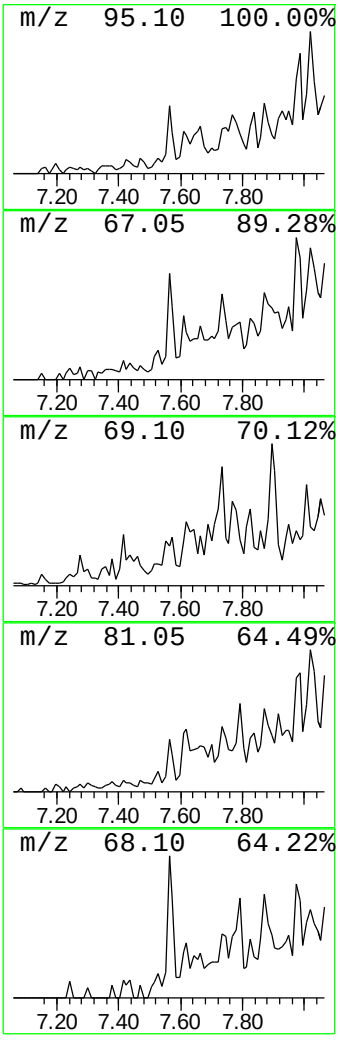
****

Peak Number 4 Cyclohexane, 1-methyl-3-(1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	12.65 ng	125778	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	76
2	2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	70
3	cis-Bicyclo[2.2.1]heptane, 2,3-d...	124	C9H16	1000262-02-5	62
4	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	62
5	Ethylidenecycloheptane	124	C9H16	010494-87-8	60





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078018.D
Acq On : 27 Mar 2015 3:36
Operator : TP/IZ
Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

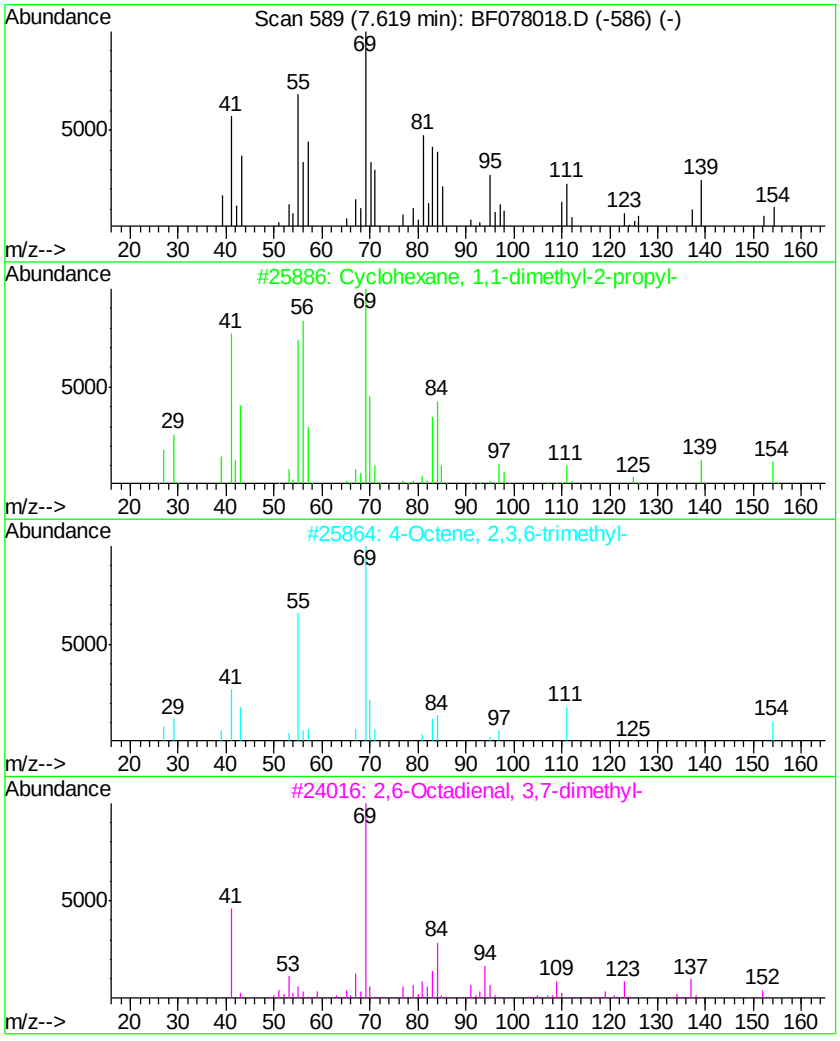
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

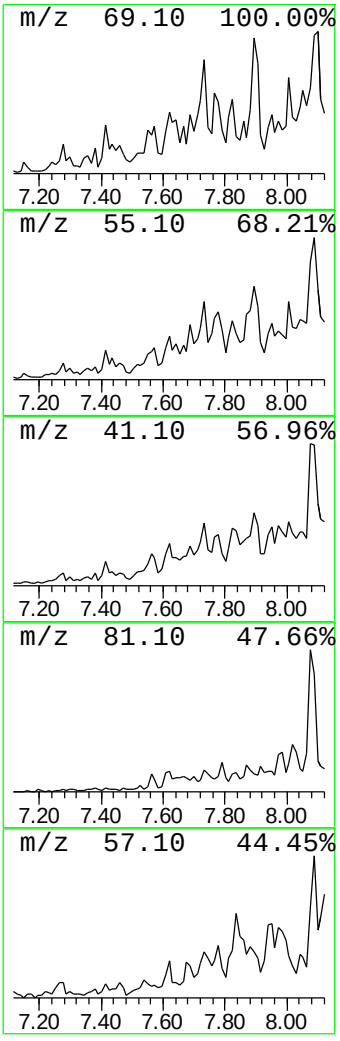
****

Peak Number 5 Cyclohexane, 1,1-dimethyl-2... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	23.42 ng	232867	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	60
2	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	43
3	2,6-Octadienal, 3,7-dimethyl-	152	C10H16O	005392-40-5	43
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	38
5	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	38





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Data File : BF078018.D
Acq On : 27 Mar 2015 3:36
Operator : TP/IZ
Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

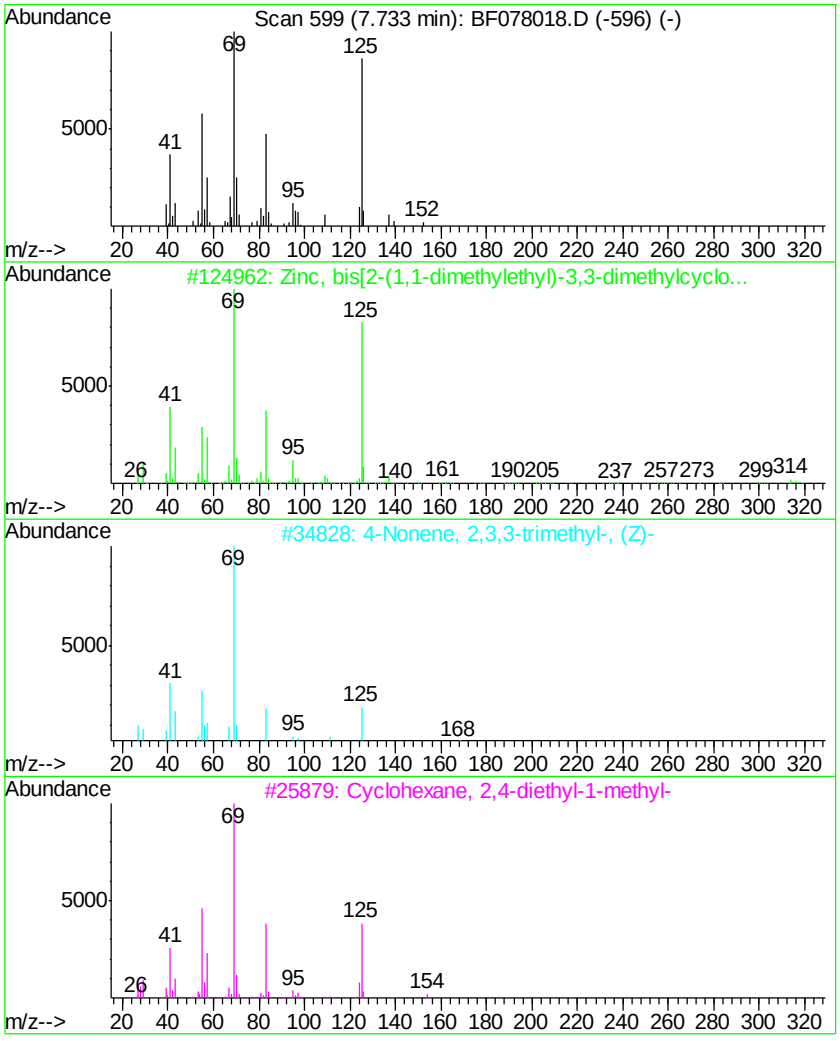
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

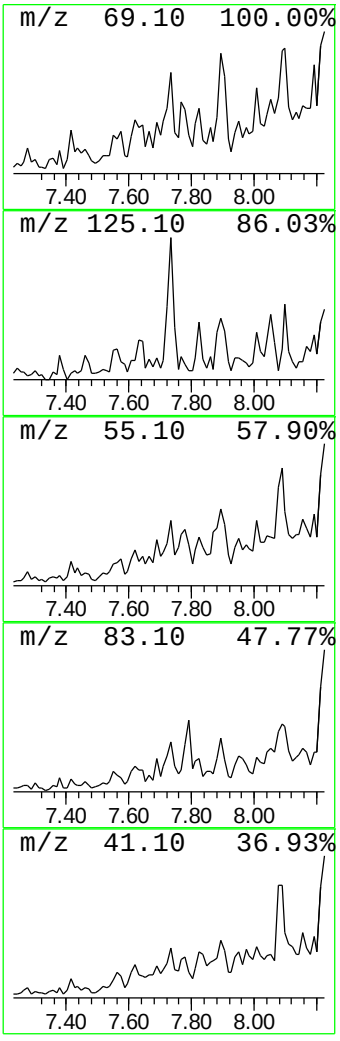
****

Peak Number 6 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	30.66 ng	304874	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	78
2	4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	59
3	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	56
4	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	43
5	2(1H)-Pyrimidinone, 4-amino-5-me...	125	C5H7N3O	000554-01-8	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078018.D
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Operator : TP/IZ
Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

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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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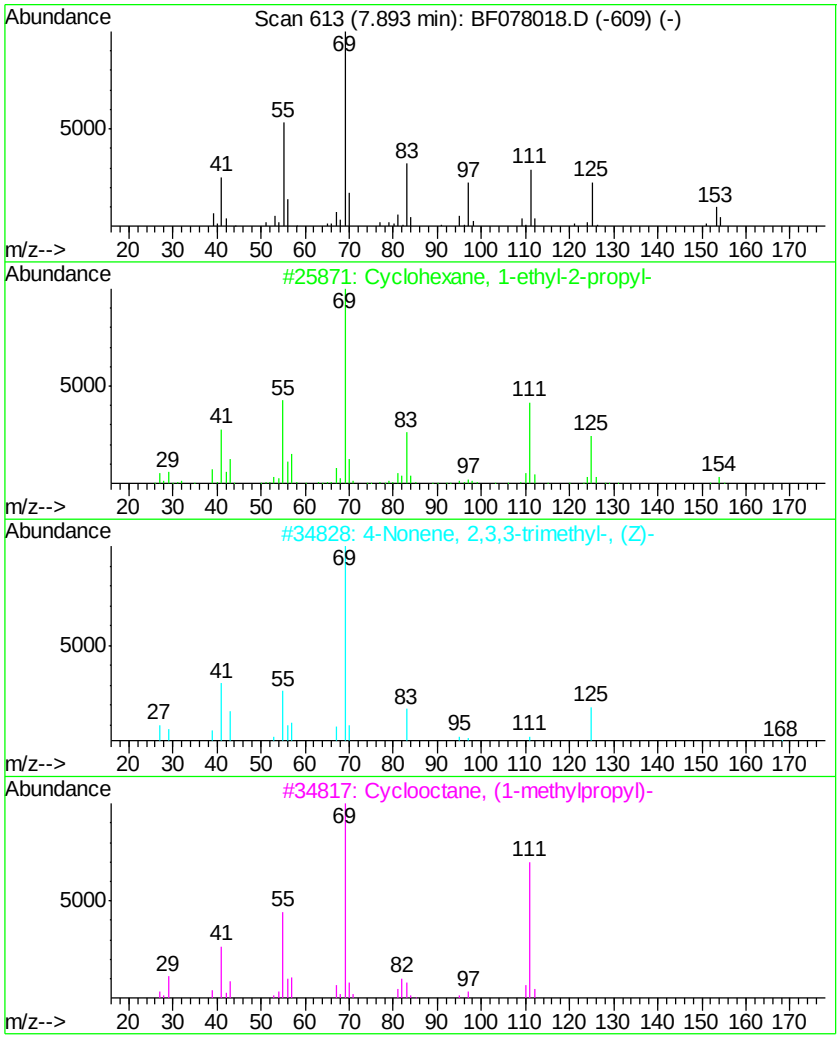
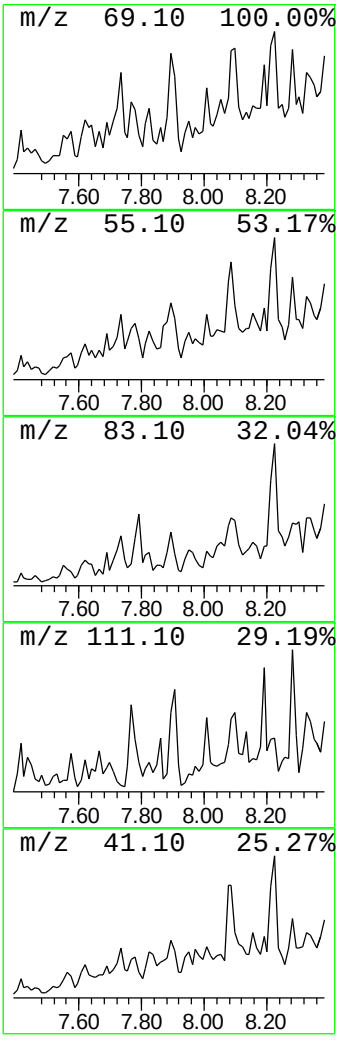
Peak Number 7 Cyclohexane, 1-ethyl-2-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	13.50 ng	515276	Naphthalene-d8	8.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	53
2	4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	50
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	47
4	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	47
5	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	40





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Acq On : 27 Mar 2015 3:36
Operator : TP/IZ
Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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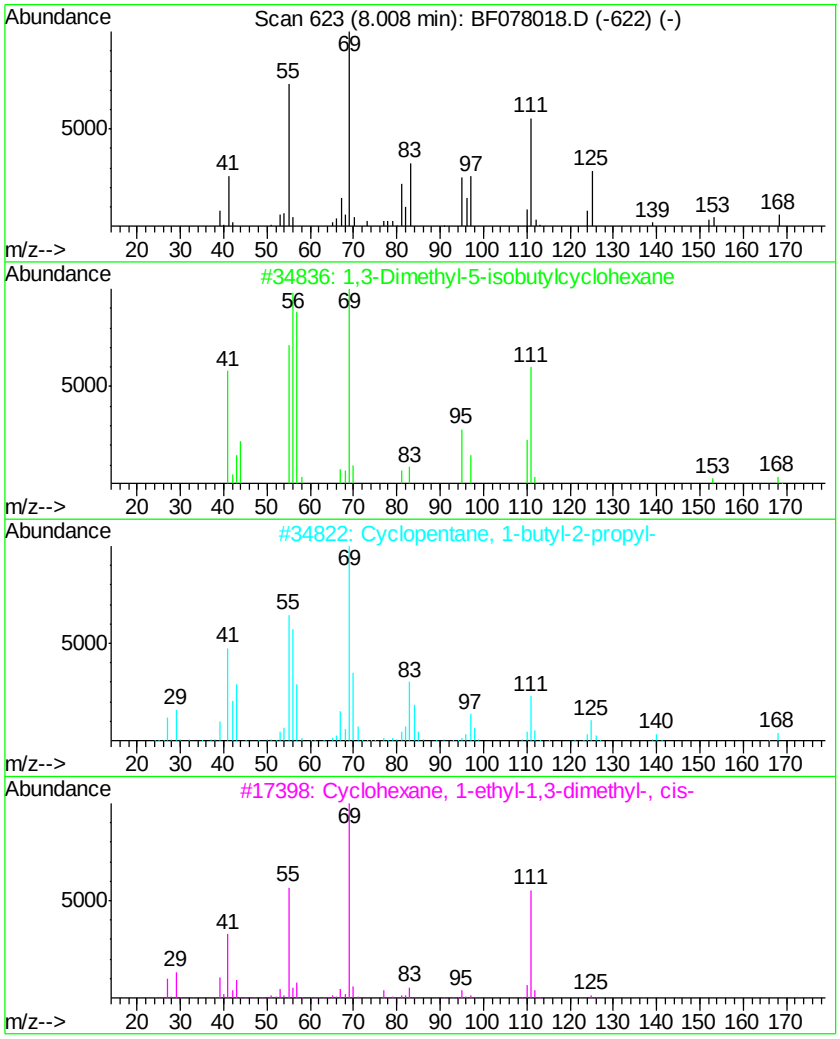
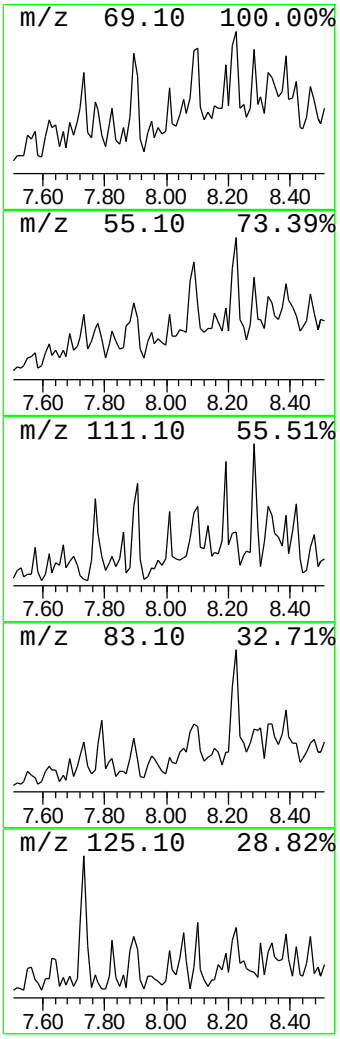
Peak Number 8 1,3-Dimethyl-5-isobutylcycl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	11.64 ng	444195	Naphthalene-d8	8.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-isobutylcyclohexane	168	C12H24	013131-76-5	64
2	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	47
3	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	43
4	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	40
5	4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	37





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Misc :
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Instrument : BNA_F
ClientSampleId : FD2

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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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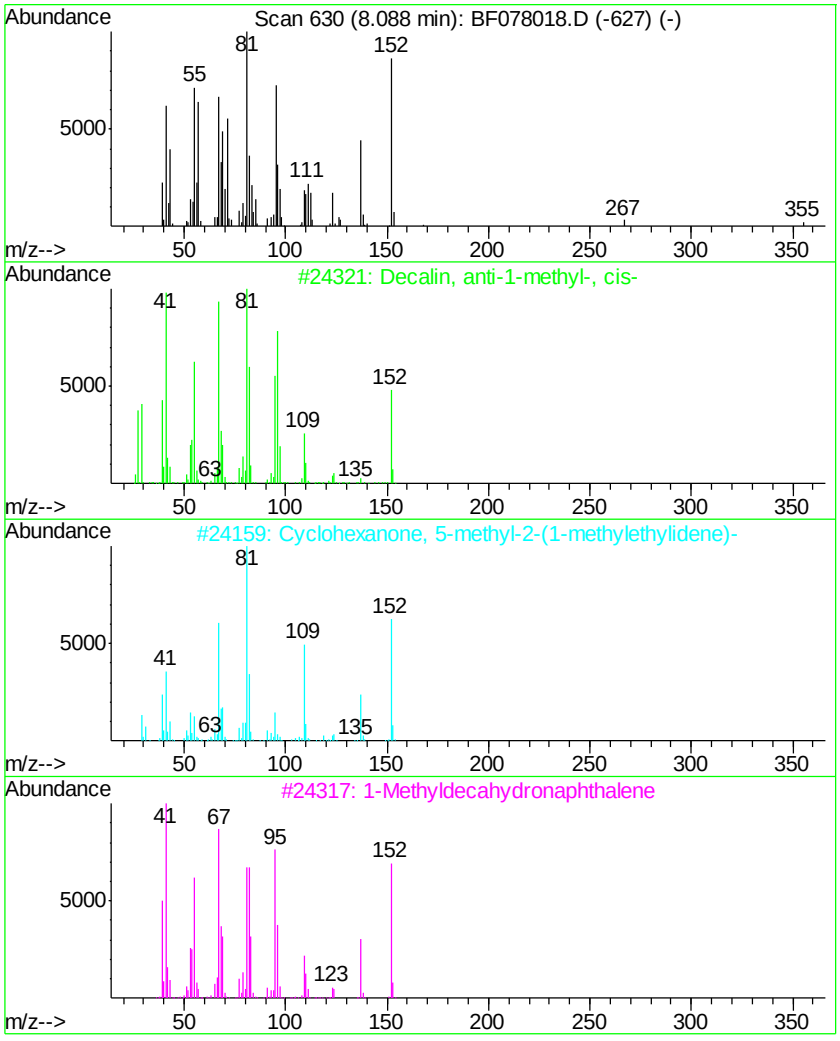
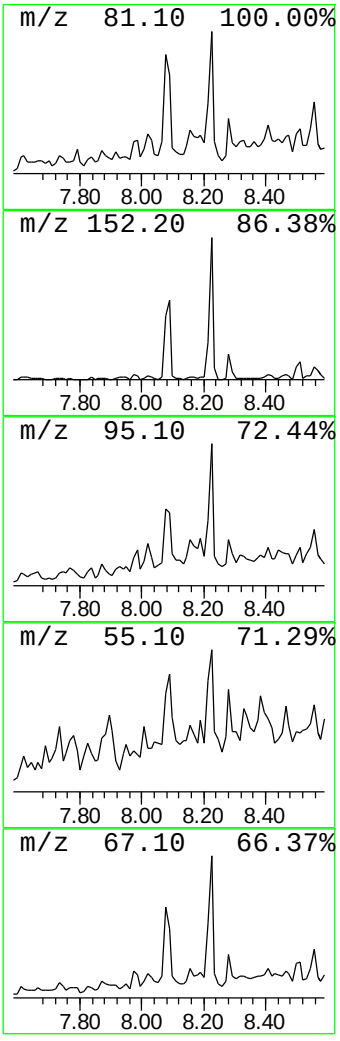
Peak Number 9 Decalin, anti-1-methyl-, cis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	27.46 ng	1047940	Naphthalene-d8	8.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	58
2	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	53
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	50
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
5	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	49





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Misc :
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Instrument : BNA_F
ClientSampleId : FD2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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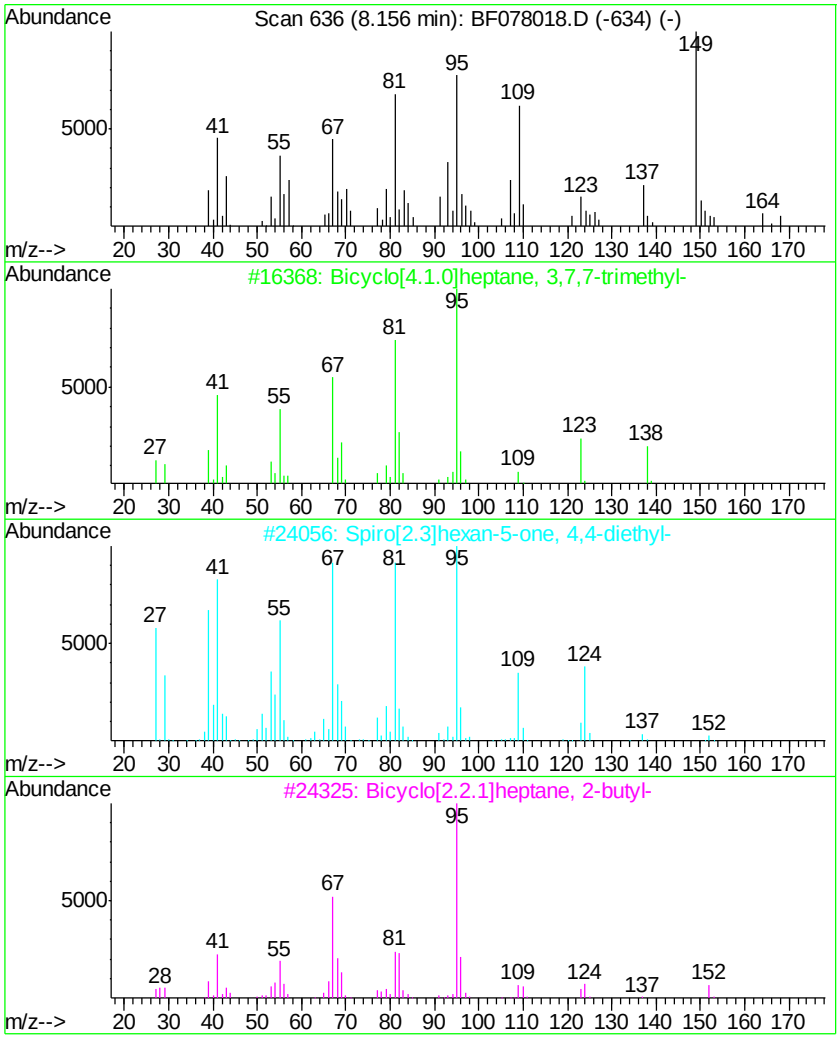
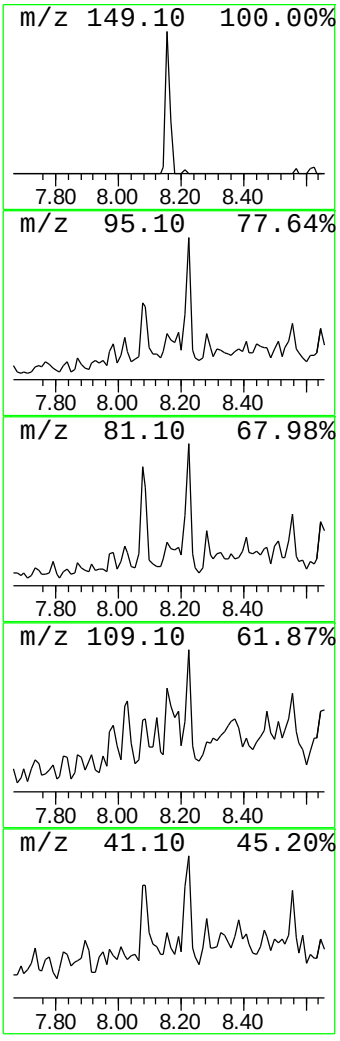
Peak Number 10 unknown8.16 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	11.69 ng	446170	Naphthalene-d8	8.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	42
2	Spiro[2.3]hexan-5-one, 4,4-diethyl-	152	C10H16O	1000154-16-2	41
3	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	38
4	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	30
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	30





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Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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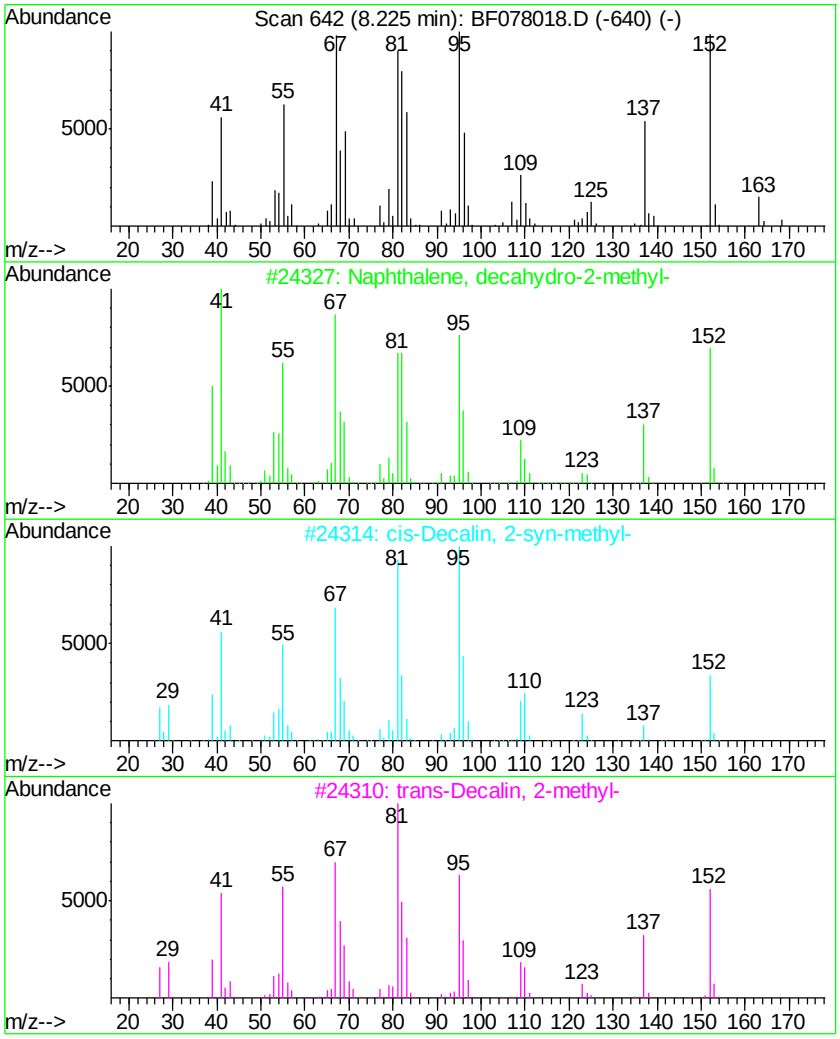
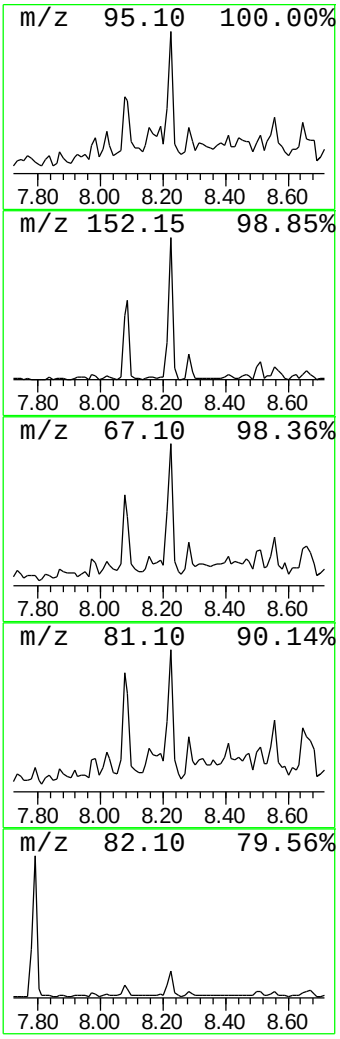
Peak Number 11 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	23.94 ng	913795	Naphthalene-d8	8.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	90
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	58





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Operator : TP/IZ
Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

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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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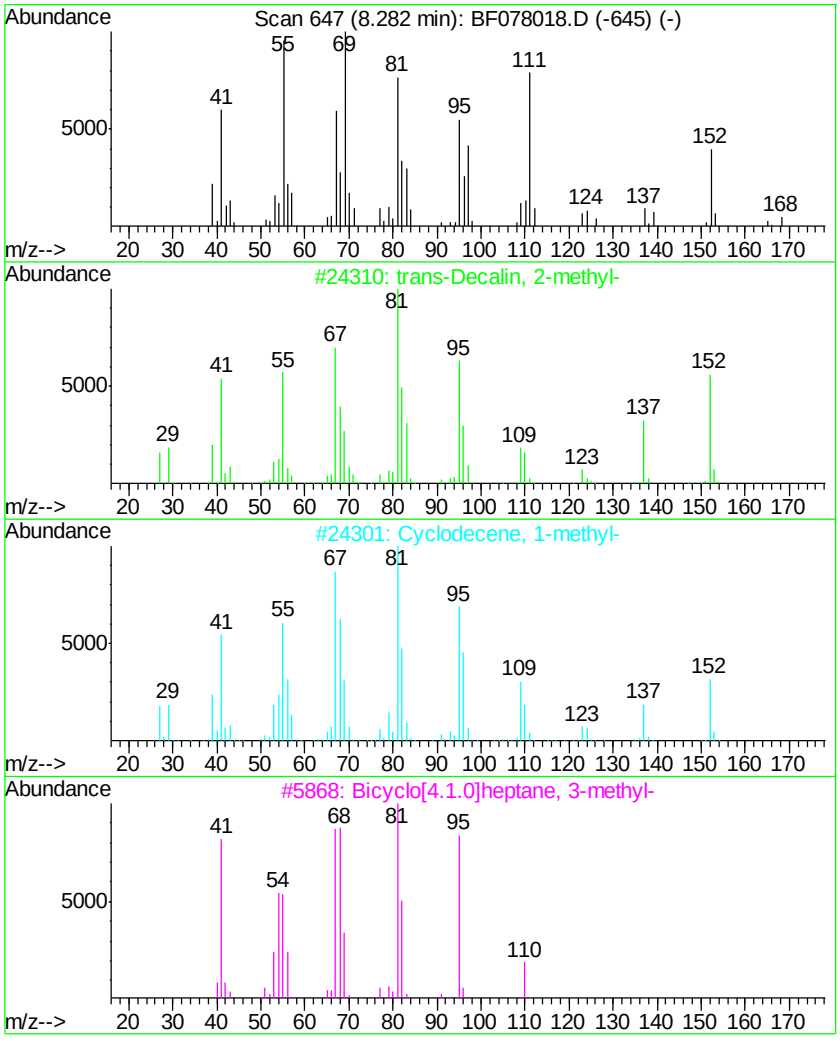
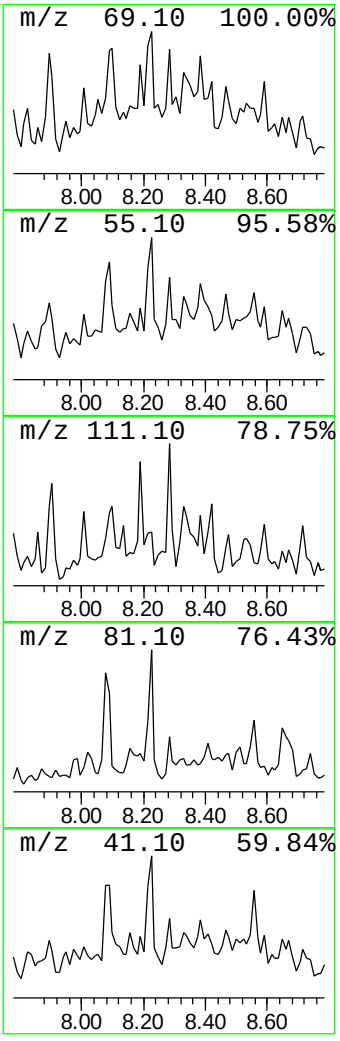
Peak Number 12 trans-Decalin, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	15.17 ng	578902	Naphthalene-d8	8.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
2	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	50
3	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	47
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
5	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	30





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Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

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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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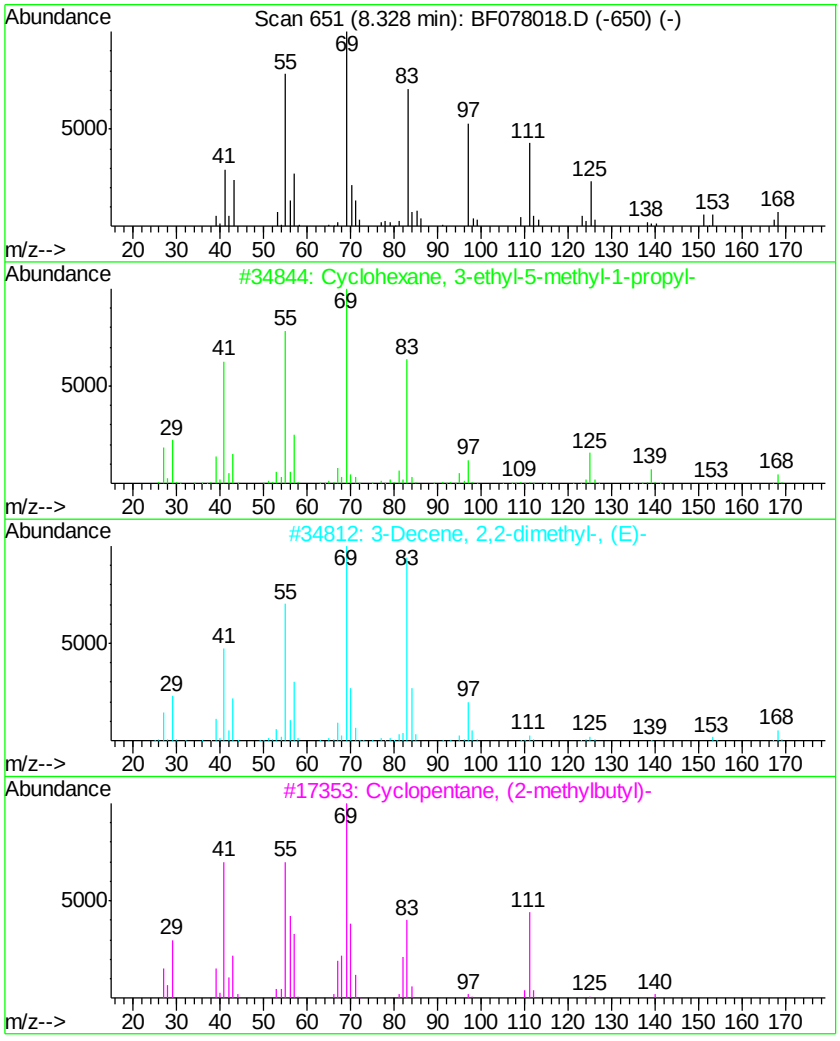
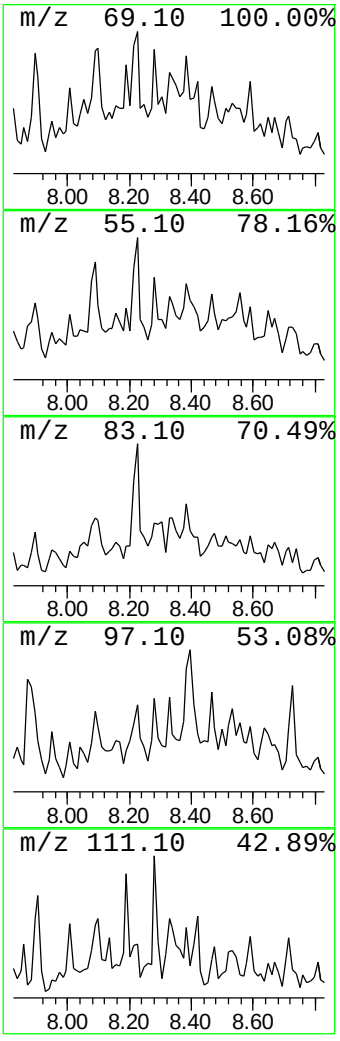
Peak Number 13 Cyclohexane, 3-ethyl-5-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	12.77 ng	487384	Naphthalene-d8	8.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 3-ethyl-5-methyl-1-...	168	C12H24	1000151-39-5	52
2	3-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055499-02-0	52
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	46
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
5	4-Octene, 2,3,6,7-tetramethyl-	168	C12H24	063830-66-0	43





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Operator : TP/IZ
Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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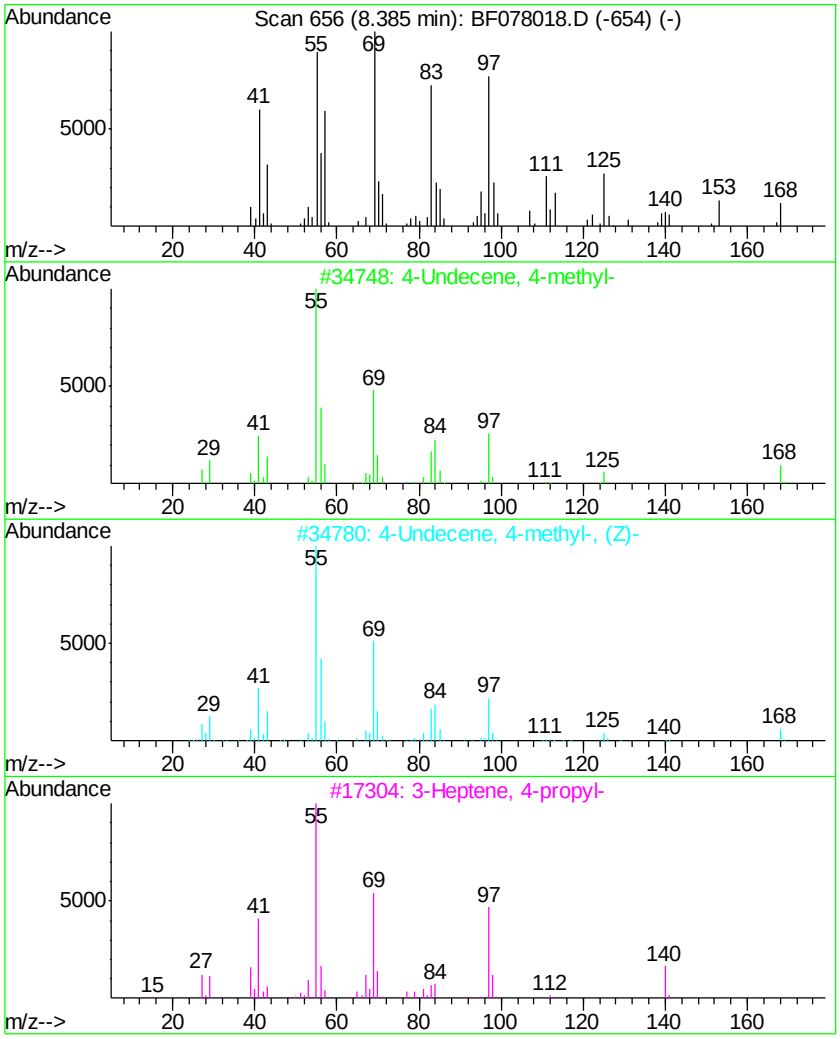
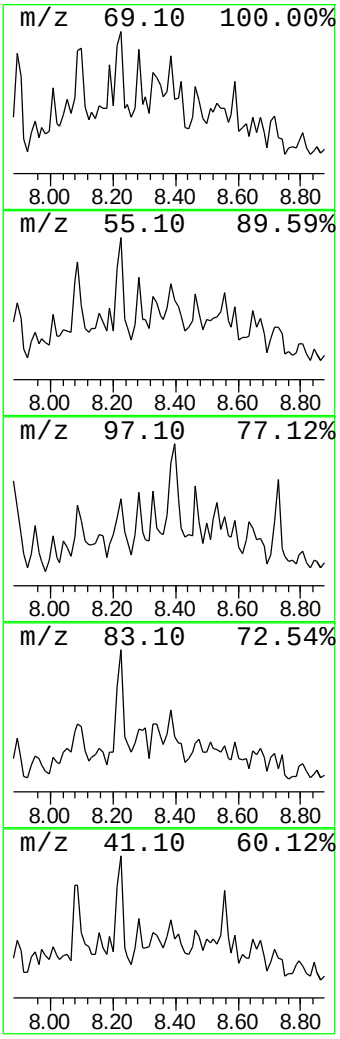
Peak Number 14 4-Undecene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	20.00 ng	763146	Naphthalene-d8	8.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, 4-methyl-	168	C12H24	061142-40-3	62
2	4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	62
3	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	47
4	4-Octene, 2,2,3,7-tetramethyl-, ...	168	C12H24	063865-57-6	35
5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	30





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Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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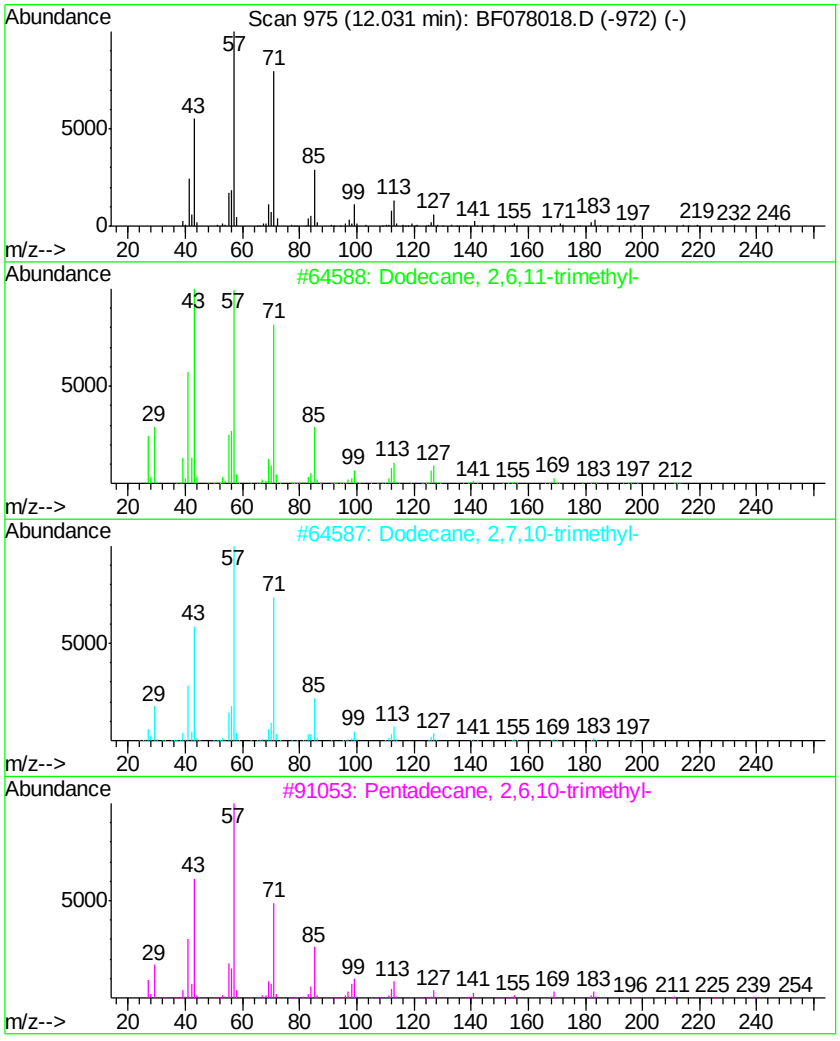
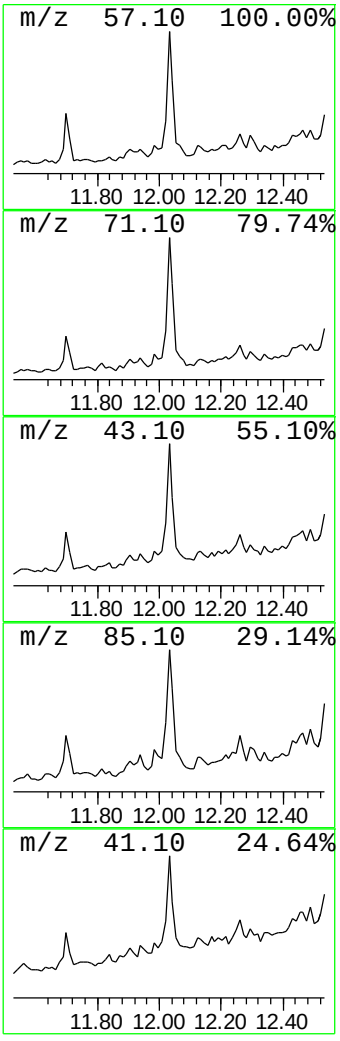
Peak Number 17 Dodecane, 2,6,11-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	23.29 ng	512224	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	53
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	52





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Misc :
ALS Vial : 25 Sample Multiplier: 1

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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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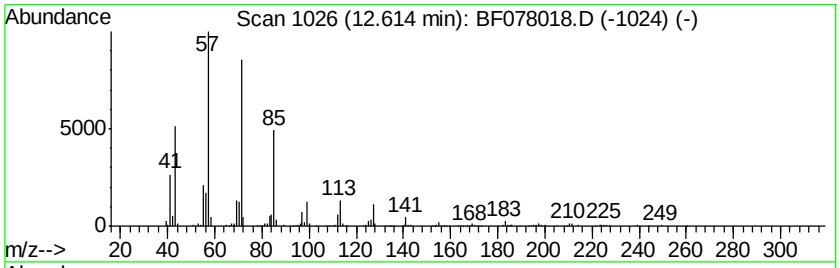
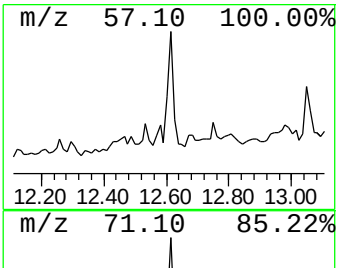
Peak Number 18 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	22.57 ng	496453	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	87





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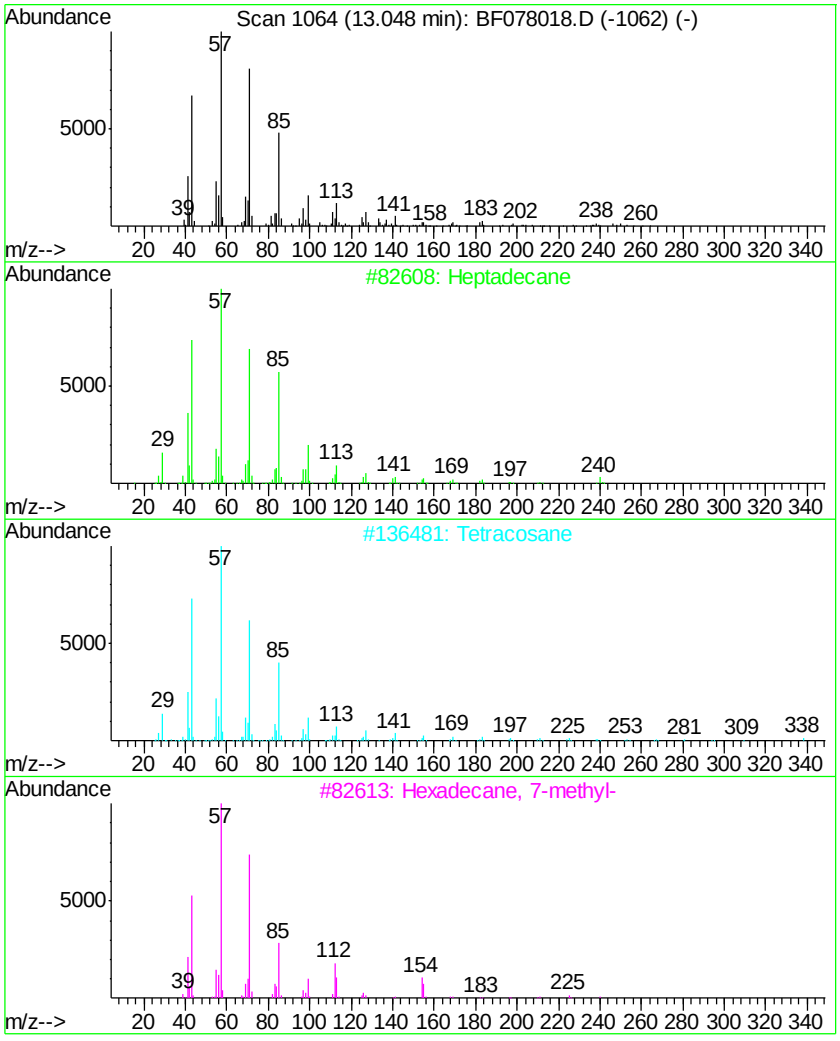
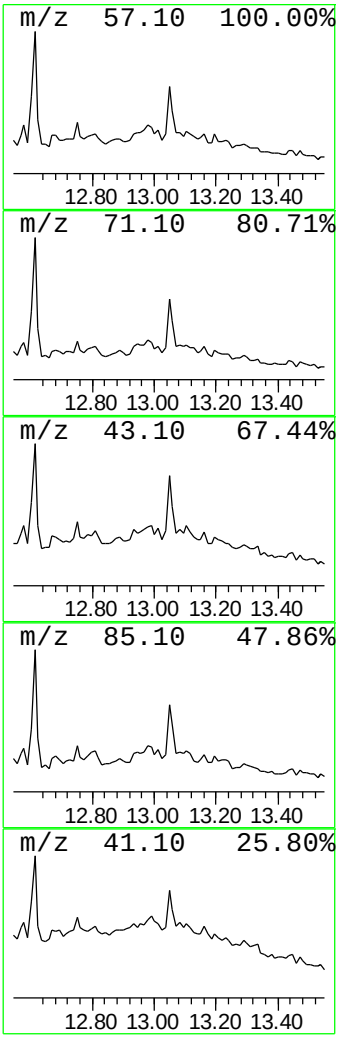
Peak Number 19 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	12.17 ng	267788	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Tetradecane	198	C14H30	000629-59-4	90





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ClientSampleId : FD2

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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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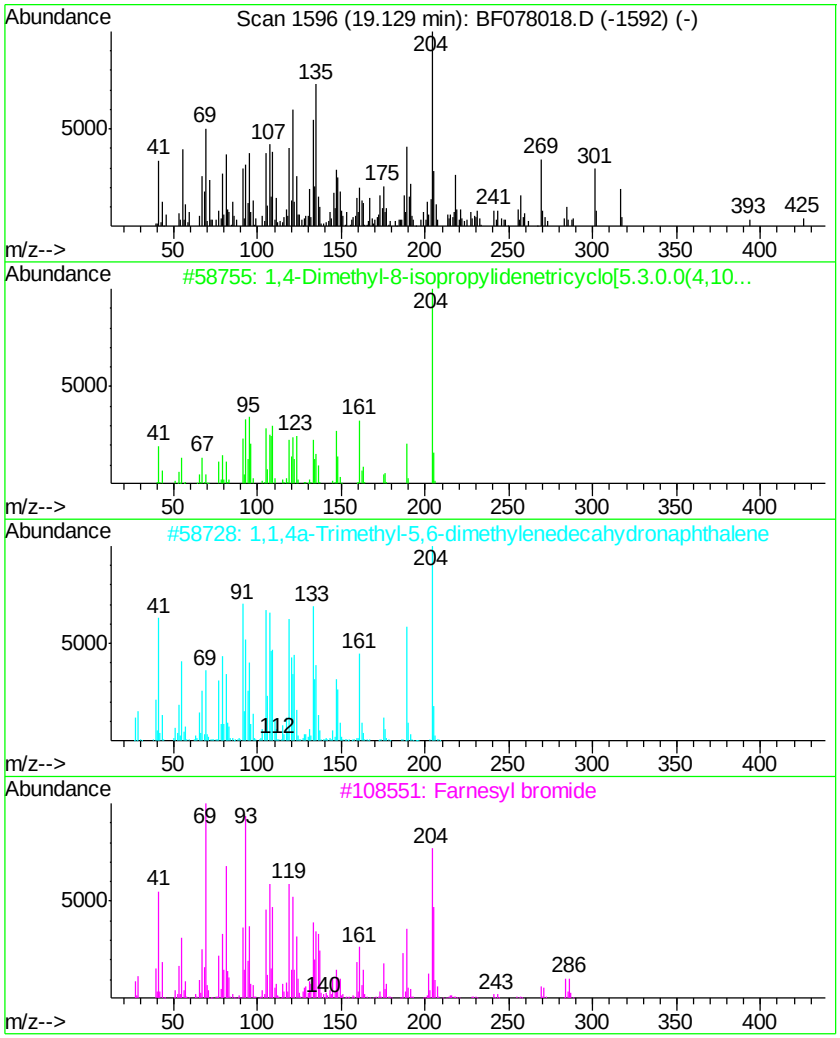
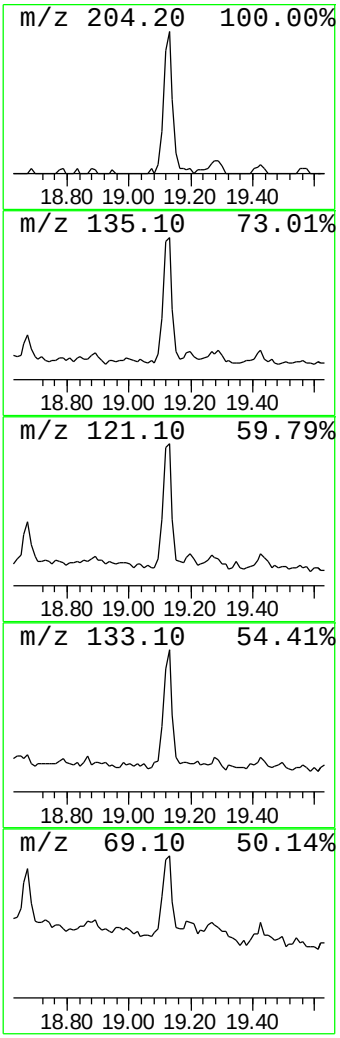
Peak Number 20 1,4-Dimethyl-8-isopropylide... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	21.58 ng	468978	Perylene-d12	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	58
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	58
3	Farnesyl bromide	284	C15H25Br	006874-67-5	53
4	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	50
5	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078018.D
Acq On : 27 Mar 2015 3:36
Operator : TP/IZ
Sample : G1653-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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...	1.24	22.4	ng	222691	1	7.09	198900	20.0
unknown6.81	6.81	85.9	ng	854495	1	7.09	198900	20.0
Cyclohexane, 1-me...	7.56	12.7	ng	125778	1	7.09	198900	20.0
Cyclohexane, 1,1-...	7.62	23.4	ng	232867	1	7.09	198900	20.0
Zinc, bis[2-(1,1-...	7.73	30.7	ng	304874	1	7.09	198900	20.0
Cyclohexane, 1-et...	7.89	13.5	ng	515276	2	8.67	763337	20.0
1,3-Dimethyl-5-is...	8.01	11.6	ng	444195	2	8.67	763337	20.0
Decalin, anti-1-m...	8.09	27.5	ng	1047940	2	8.67	763337	20.0
unknown8.16	8.16	11.7	ng	446170	2	8.67	763337	20.0
Naphthalene, deca...	8.22	23.9	ng	913795	2	8.67	763337	20.0
trans-Decalin, 2-...	8.28	15.2	ng	578902	2	8.67	763337	20.0
Cyclohexane, 3-et...	8.33	12.8	ng	487384	2	8.67	763337	20.0
4-Undecene, 4-met...	8.38	20.0	ng	763146	2	8.67	763337	20.0
Dodecane, 2,6,11-...	12.03	23.3	ng	512224	4	12.67	439947	20.0
Hexadecane, 2,6,1...	12.61	22.6	ng	496453	4	12.67	439947	20.0
Heptadecane	13.05	12.2	ng	267788	4	12.67	439947	20.0
1,4-Dimethyl-8-is...	19.13	21.6	ng	468978	6	17.61	434662	20.0