LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080397.D
Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

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-BF070615.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	2.373	22	25	29	rVB	173191	229425	3.20%	0.202%
2	4.876	241	244	248	rVB	103631	159603	2.23%	0.140%
3	5.276	277	279	281	rVB	205622	274737	3.84%	0.242%
4	5.356	282	286	289	rBV3	221219	581268	8.12%	0.511%
5	5.402	289	290	291	rVV	307688	295534	4.13%	0.260%
6	5.424	291	292	295	rVV	287125	450084	6.28%	0.396%
7	5.493	295	298	300	rVV2	140500	276865	3.87%	0.243%
8	5.550	300	303	307	rVB3	62310	154424	2.16%	0.136%
9	5.630	307	310	314	rBV	526624	729229	10.18%	0.641%
10	5.756	319	321	323	rBV	52833	99350	1.39%	0.087%
11	5.813	323	326	328	rBV	770538	961180	13.42%	0.845%
12	5.904	332	334	336	rBV	241675	260090	3.63%	0.229%
13	5.984	339	341	343	rBV2	317931	532840	7.44%	0.469%
14	6.030	343	345	346	rVB	425750	332664	4.64%	0.293%
15	6.076	346	349	353	rVB3	420006	808829	11.29%	0.711%
16	6.144	353	355	357	rBV	185520	272686	3.81%	0.240%
17	6.236	359	363	365	rBV3	1050529	1747906	24.40%	1.537%
18	6.270	365	366	371	rBV3	401095	1010646	14.11%	0.889%
19	6.373	371	375	377	rVB2	1159911	1784592	24.92%	1.569%
20	6.407	377	378	380	rBV	711780	801566	11.19%	0.705%
21	6.453	380	382	386	rBV2	1630273	3700362	51.66%	3.254%
22	6.556	389	391	392	rBV	404524	688552	9.61%	0.605%
23	6.579	392	393	394	rVB	485068	332514	4.64%	0.292%
24	6.659	397	400	401	rBV2	888080	1712665	23.91%	1.506%
25	6.693	401	403	406	rVB3	448359	887550	12.39%	0.780%
26	6.750	406	408	412	rBV2	1681327	3457067	48.27%	3.040%
27	6.819	412	414	417	rBV2	757557	1470286	20.53%	1.293%
28	6.887	417	420	422	rBV2	1075798	1876472	26.20%	1.650%
29	6.979	424	428	433	rVB5	1645537	5401050	75.41%	4.749%
30	7.070	433	436	438	rBV3	1138468	2373352	33.14%	2.087%
31	7.173	440	445	446	rBV2	1580180	4353462	60.78%	3.828%
32	7.219	448	449	451	rVB	1675100	1926984	26.90%	1.694%
33	7.276	451	454	456	rBV2	936570	1525699	21.30%	1.342%
34	7.322	456	458	460	rBV2	1446899	2411000	33.66%	2.120%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080397.D
Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

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-BF070615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.367	460	462	464	rBV3	1954150	3158492	44.10%	2.777%
36	7.459	467	470	471	rBV2	1354163	2533693	35.37%	2.228%
37	7.493	471	473	475	rVB2	2019363	2575025	35.95%	2.264%
38	7.539	475	477	478	rBV	643772	966727	13.50%	0.850%
39	7.562	478	479	481	rVB2	724867	546865	7.64%	0.481%
40	7.619	481	484	485	rBV2	2171081	2748271	38.37%	2.416%
41	7.699	489	491	493	rBV2	531383	853592	11.92%	0.751%
42	7.756	493	496	498	rBV3	3540938	7162453	100.00%	6.298%
43	7.802	498	500	503	rVB4	1598614	3249995	45.38%	2.858%
44	7.870	503	506	508	rBV3	2369570	5243657	73.21%	4.611%
45	7.928	508	511	513	rBV2	1233197	2223857	31.05%	1.955%
46	7.996	515	517	519	rBV2	1321918	1861794	25.99%	1.637%
47	8.122	525	528	529	rBV3	1858210	4063251	56.73%	3.573%
48	8.156	529	531	537	rVV6	2404627	6827879	95.33%	6.004%
49	8.248	537	539	544	rVB3	1850524	4406101	61.52%	3.874%
50	8.339	544	547	549	rBV4	947249	2314487	32.31%	2.035%
51	8.385	549	551	555	rBV2	944193	3041467	42.46%	2.674%
52	12.339	894	897	898	rBV	1262559	2248692	31.40%	1.977%
53	12.911	945	947	949	rBV	1521658	2243187	31.32%	1.972%
54	13.014	954	956	958	rVV2	755478	1096677	15.31%	0.964%
55	13.094	961	963	966	rVB	1179581	1476833	20.62%	1.299%
56	13.322	981	983	986	rVB2	1391208	2226232	31.08%	1.957%
57	13.379	986	988	989	rVV	827571	1060297	14.80%	0.932%
58	13.425	990	992	993	rVV	590216	799560	11.16%	0.703%
59	13.459	993	995	996	rVB	965900	1029668	14.38%	0.905%
60	13.745	1018	1020	1021	rVB	374970	422142	5.89%	0.371%
61	14.671	1098	1101	1103	rBV2	610037	1014183	14.16%	0.892%
62	14.717	1103	1105	1107	rVB	303405	417757	5.83%	0.367%
63	14.808	1112	1113	1116	rVB	93237	102880	1.44%	0.090%
64	15.163	1142	1144	1146	rVB	80039	94114	1.31%	0.083%
65	15.974	1212	1215	1221	rBV	229308	560190	7.82%	0.493%
66	16.328	1244	1246	1250	rVV	120946	175202	2.45%	0.154%
67	16.408	1250	1253	1257	rVV	199767	319356	4.46%	0.281%
68	16.477	1257	1259	1261	rVV	305469	446937	6.24%	0.393%
69	16.511	1261	1262	1267	rVB3	50764	101078	1.41%	0.089%
70	18.226	1409	1412	1418	rVB2	57998	145982	2.04%	0.128%
71	18.751	1455	1458	1465	rVB	38094	91438	1.28%	0.080%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080397.D
Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

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-BF070615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 113730544

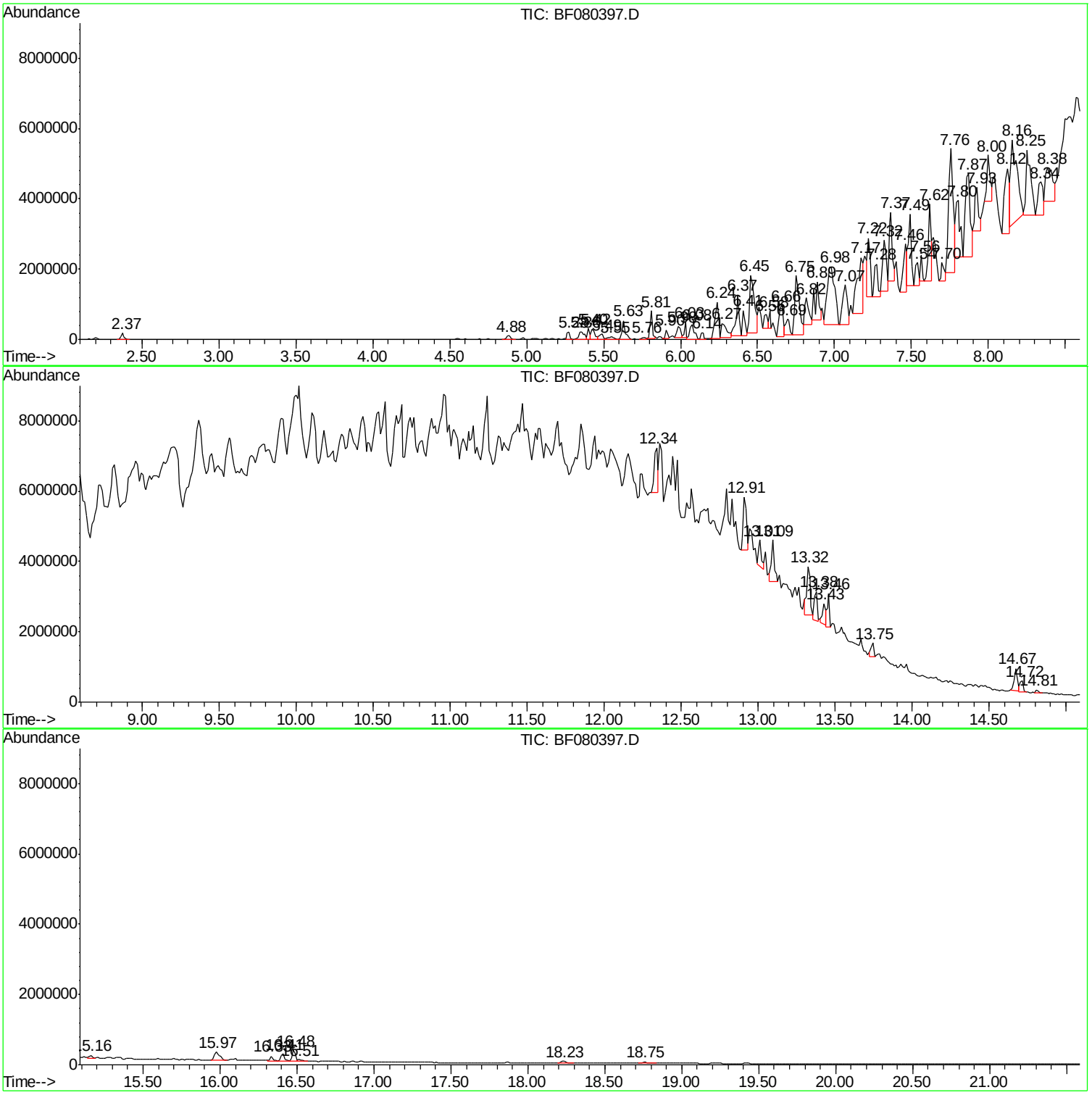
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080397.D
Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.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\BF070815\
Data File : BF080397.D
Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

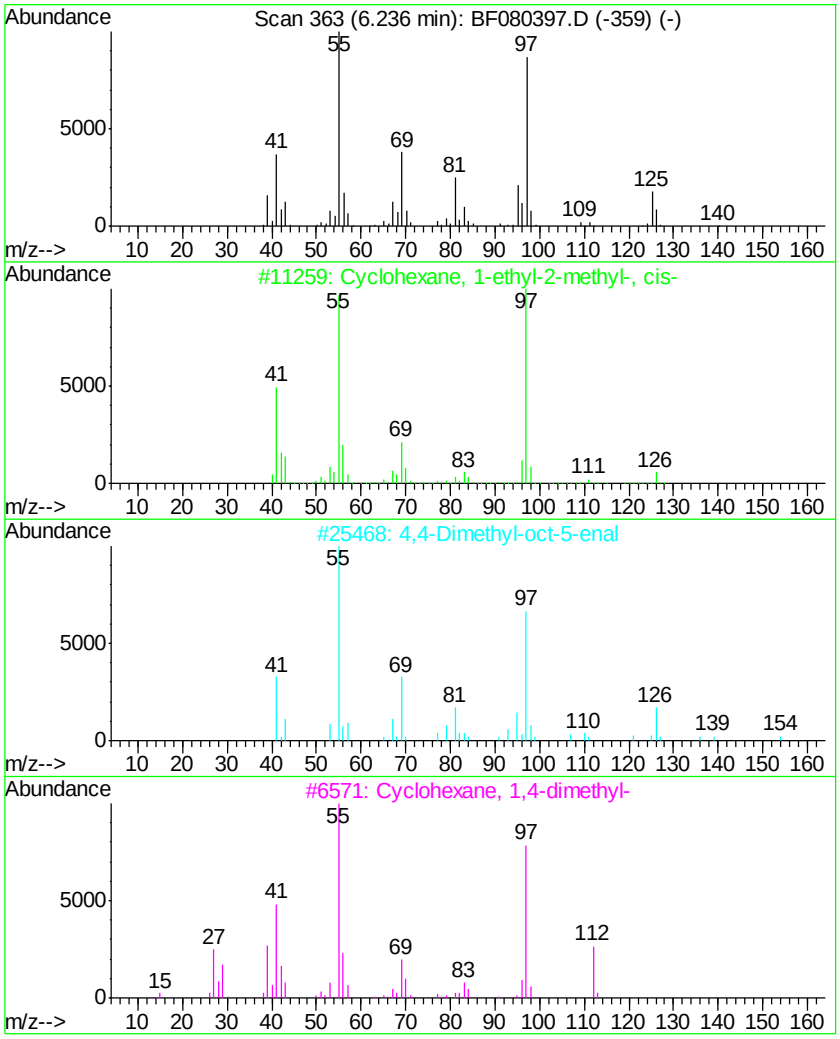
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

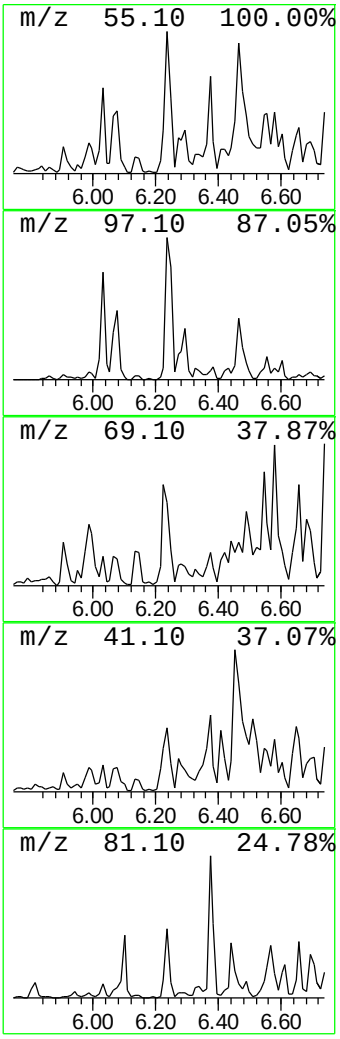
****

Peak Number 1 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	18.14 ng	1747910	1,4-Dichlorobenzene-d4	7.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	81
2	4,4-Dimethyl-oct-5-enal	154	C10H18O	1000143-73-6	64
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	59
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	59
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080397.D
Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

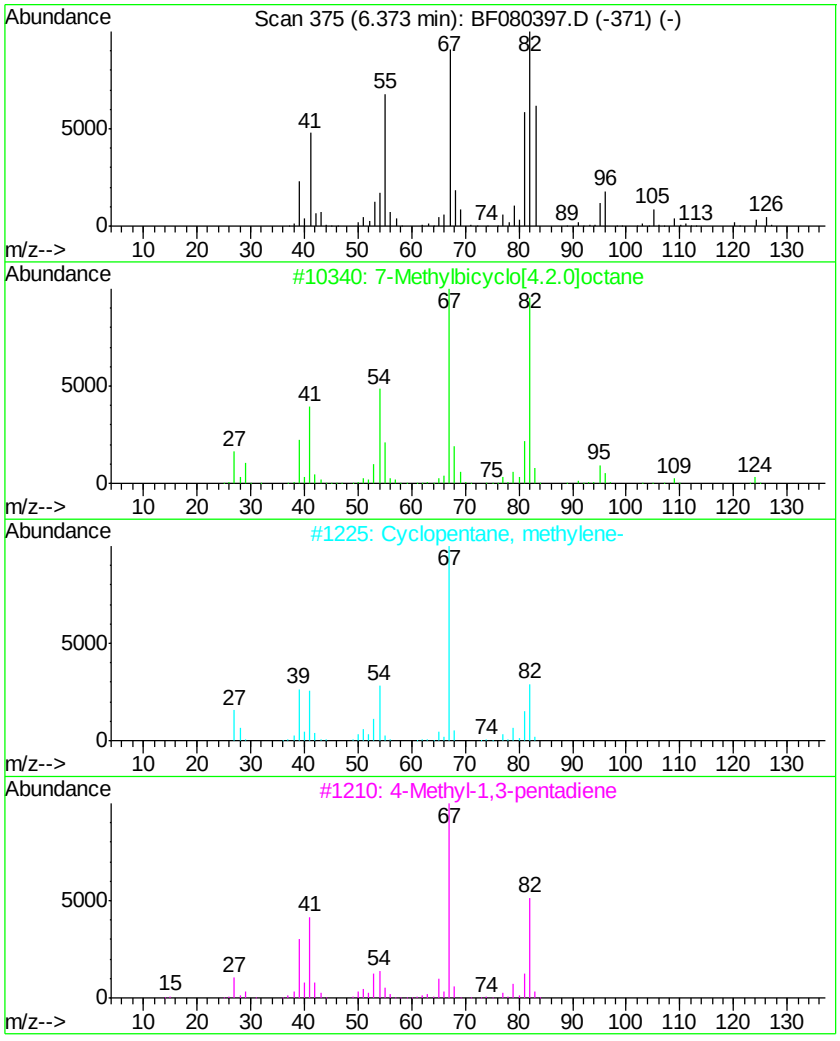
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

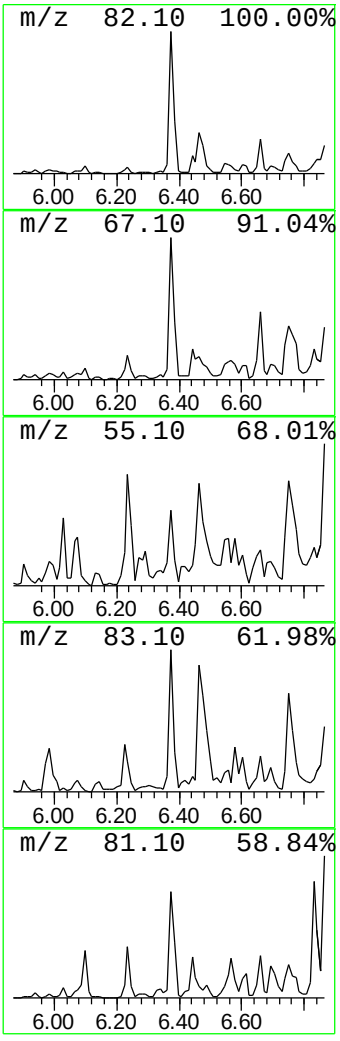
****

Peak Number 2 7-Methylbicyclo[4.2.0]octane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	18.52 ng	1784590	1,4-Dichlorobenzene-d4	7.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	81
2	Cyclopentane, methylene-	82	C6H10	001528-30-9	58
3	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	58
4	Carbonic acid, 3-hexenyl methyl ...	158	C8H14O3	067633-96-9	53
5	1,3-Hexadiene,c&t	82	C6H10	000592-48-3	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080397.D
Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

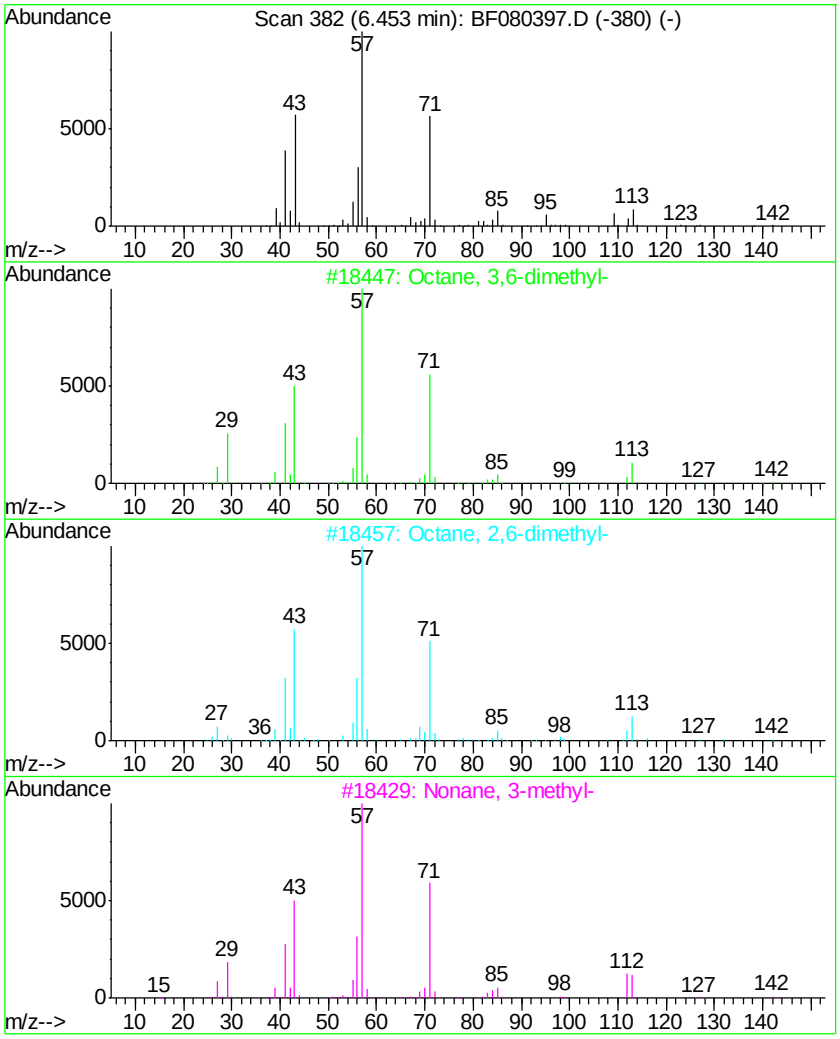
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

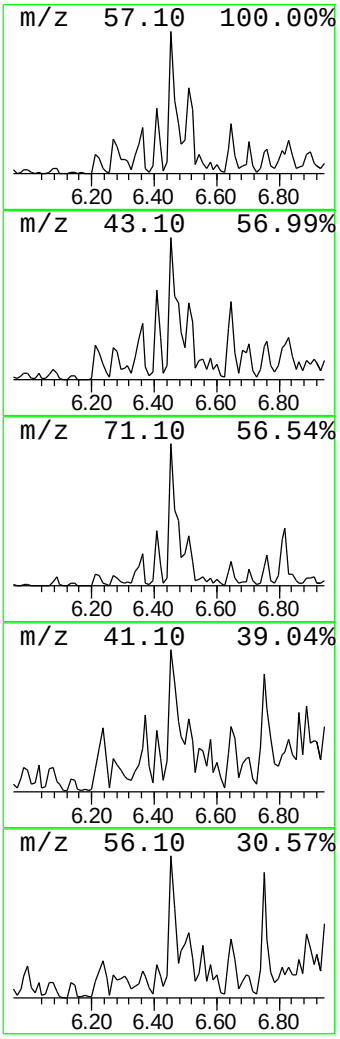
****

Peak Number 3 Octane, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	38.41 ng	3700360	1,4-Dichlorobenzene-d4	7.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53





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Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

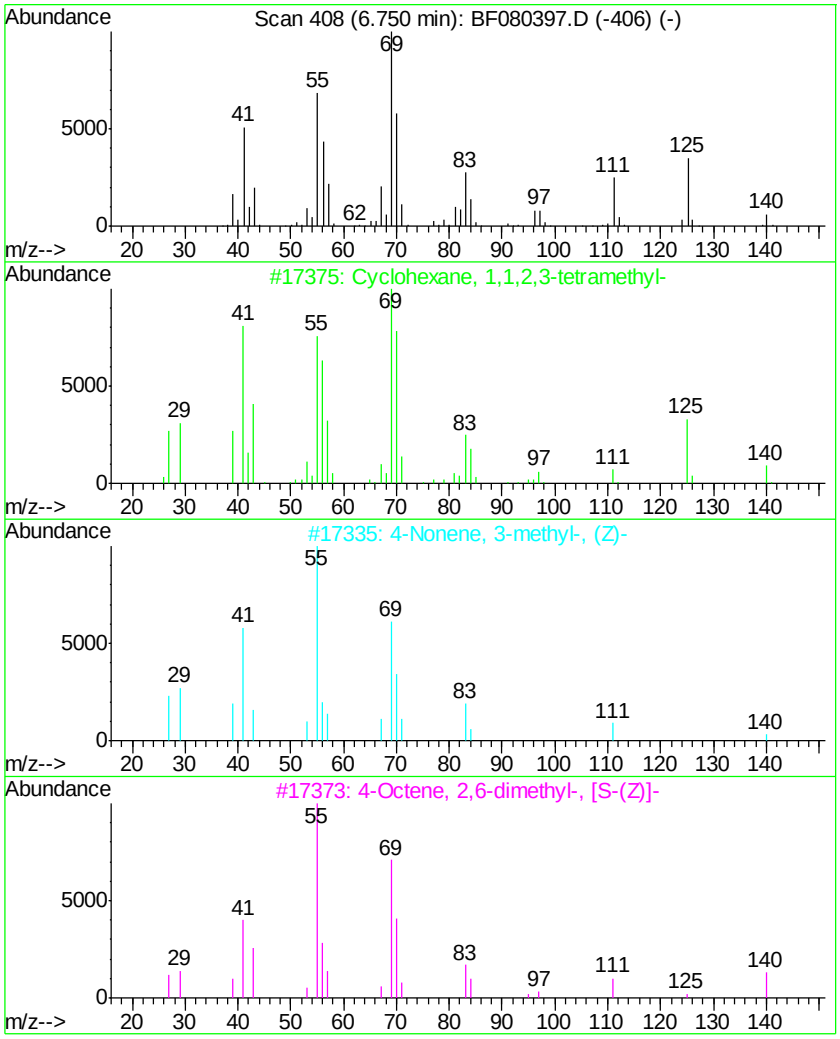
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

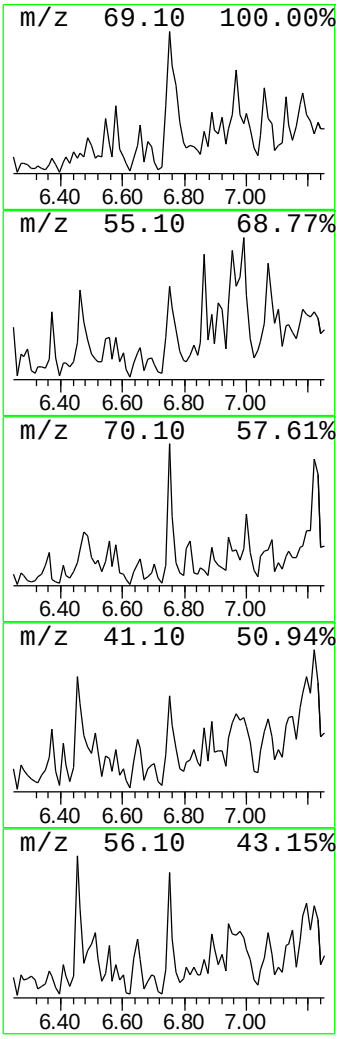
****

Peak Number 4 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	35.88 ng	3457070	1,4-Dichlorobenzene-d4	7.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	87
2	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	80
3	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	58
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
5	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080397.D
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Operator : TP/UM
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

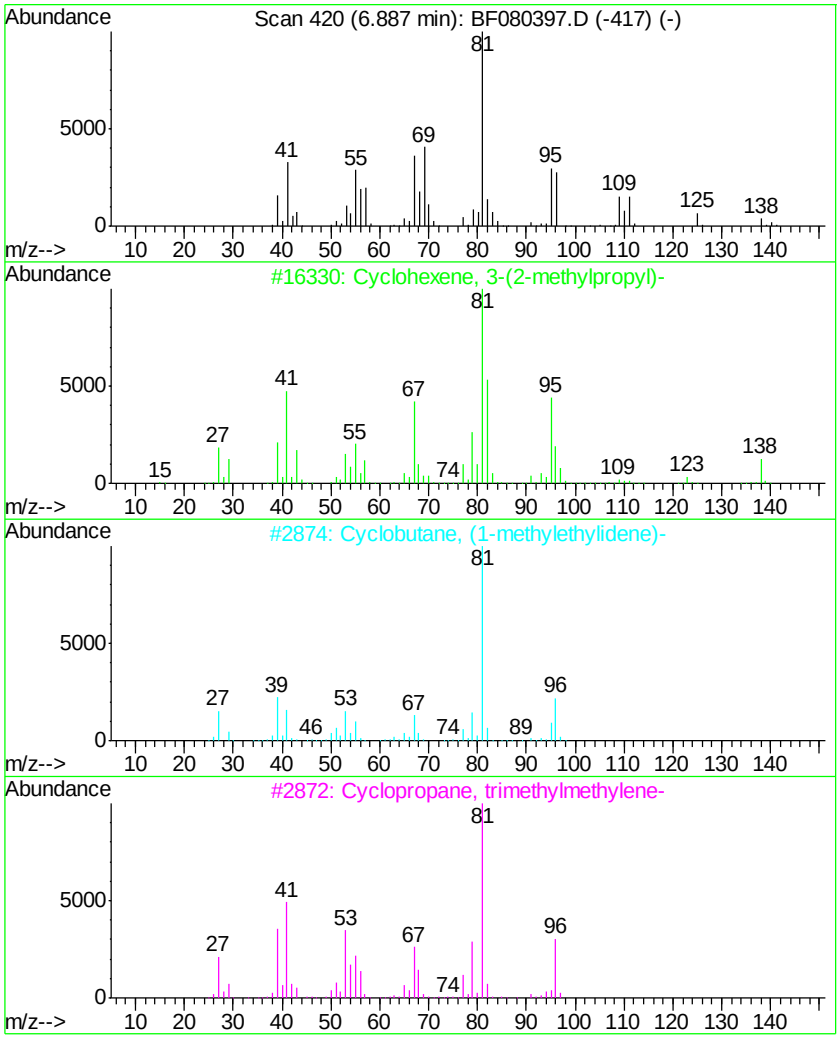
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

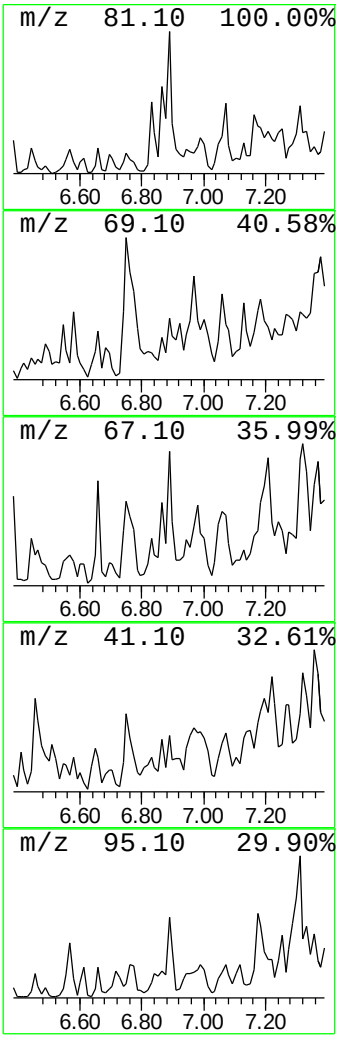
****

Peak Number 5 Cyclohexene, 3-(2-methylpro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	19.48 ng	1876470	1,4-Dichlorobenzene-d4	7.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	53
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	53
3	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	53
4	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	52
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	52





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080397.D
Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

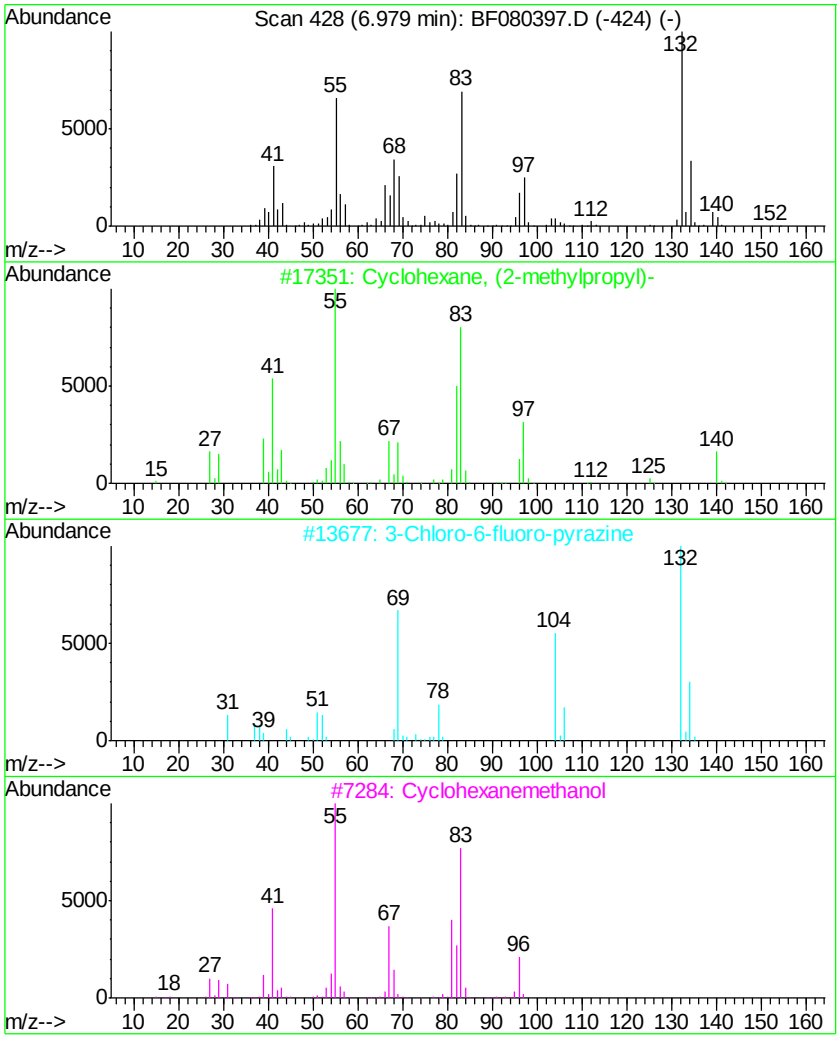
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

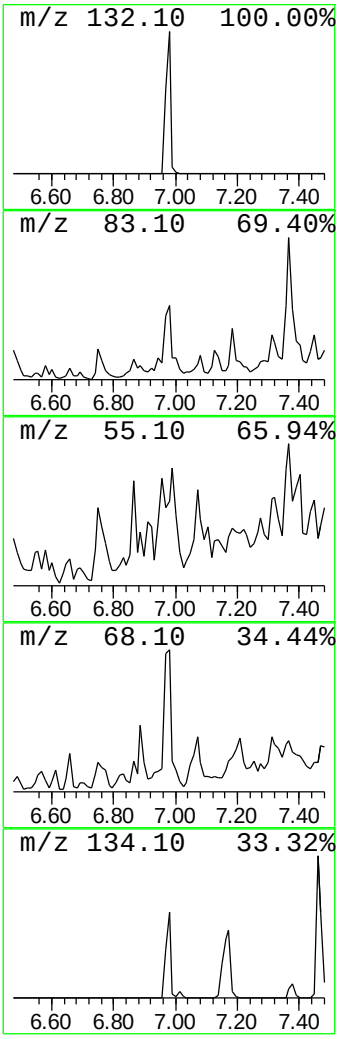
****

Peak Number 6 unknown6.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	56.06 ng	5401050	1,4-Dichlorobenzene-d4	7.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	15
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	Cyclohexanemethanol	114	C7H14O	000100-49-2	10
4	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	10
5	Acetoxy(3-aminopropyl)isoamylborane	199	C10H22BNO2	031569-49-0	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080397.D
Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

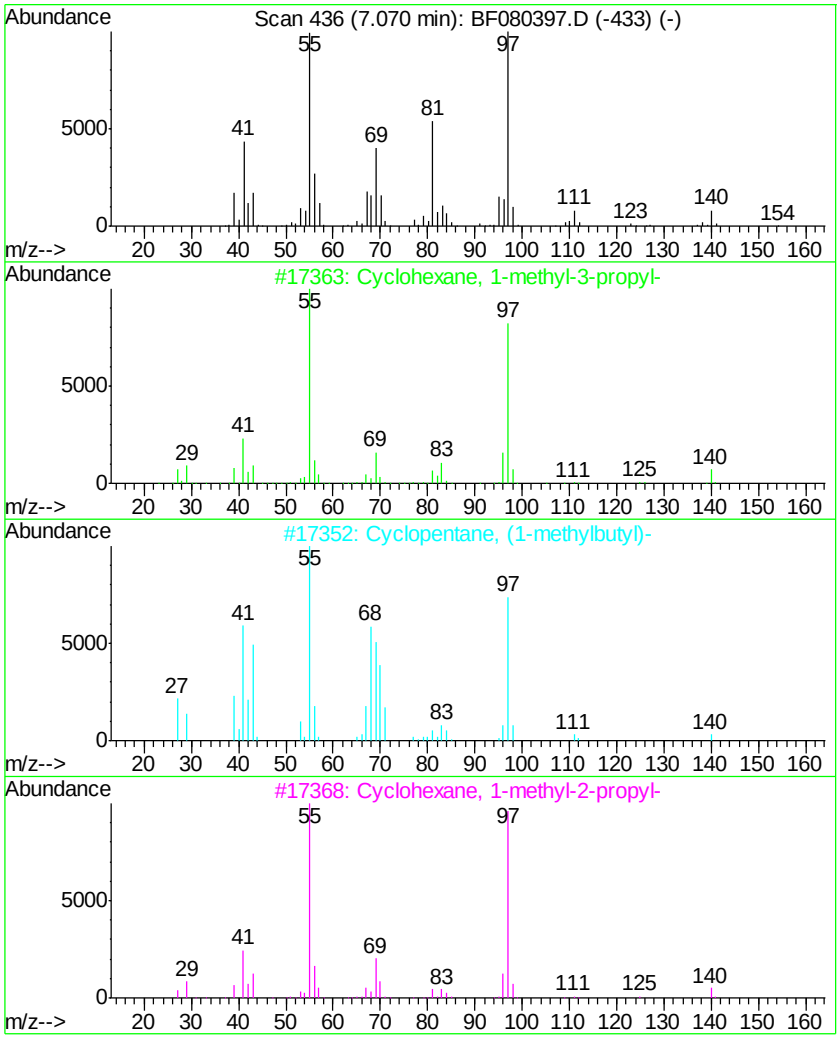
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

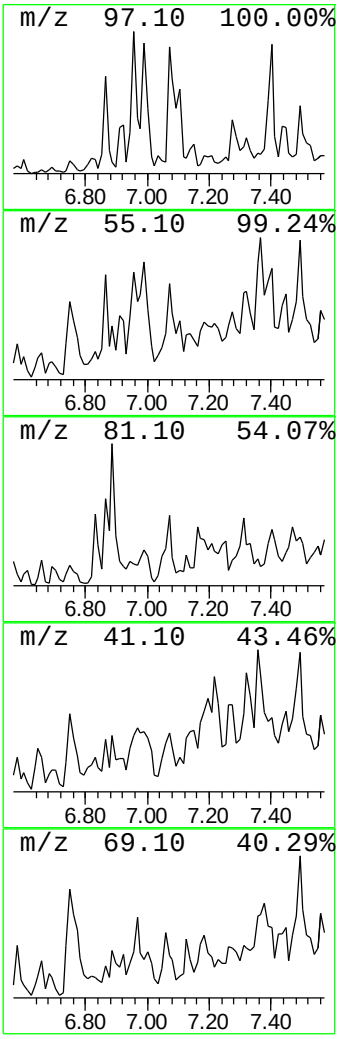
****

Peak Number 7 Cyclohexane, 1-methyl-3-pro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	24.63 ng	2373350	1,4-Dichlorobenzene-d4	7.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	80
2	Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	72
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	72
4	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	52
5	2-Pyrazoline, 1,3,4-trimethyl-	112	C6H12N2	014044-41-8	52





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Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115

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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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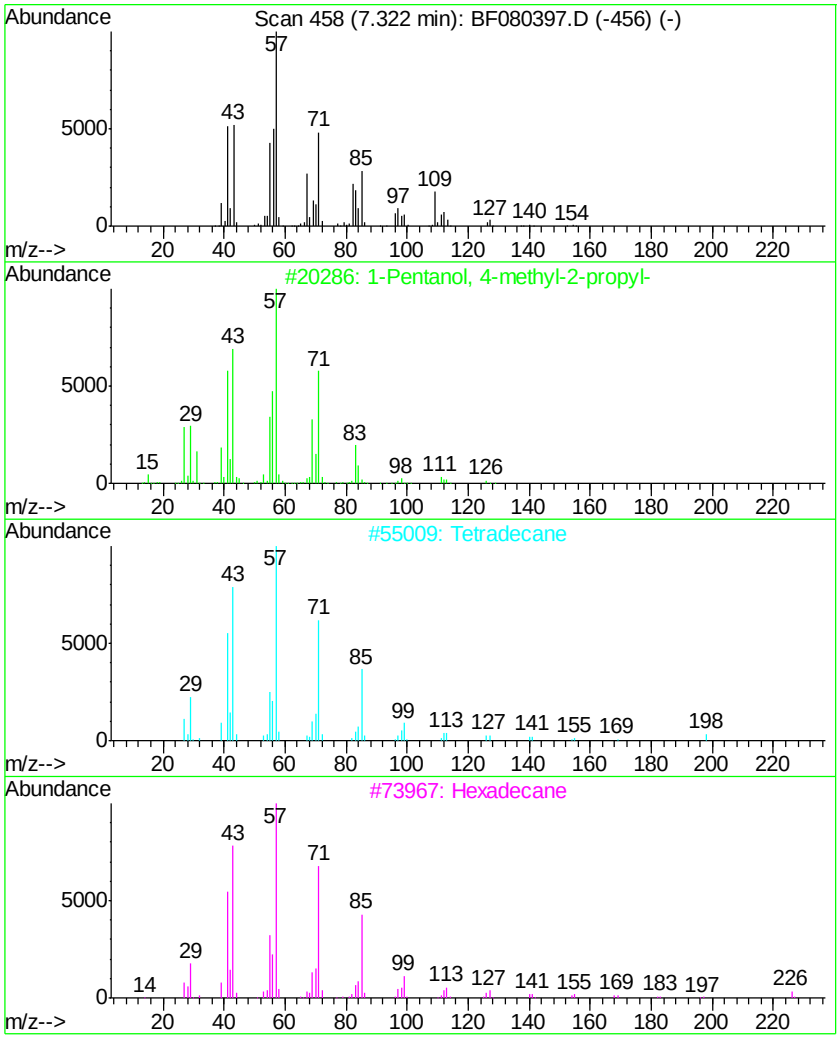
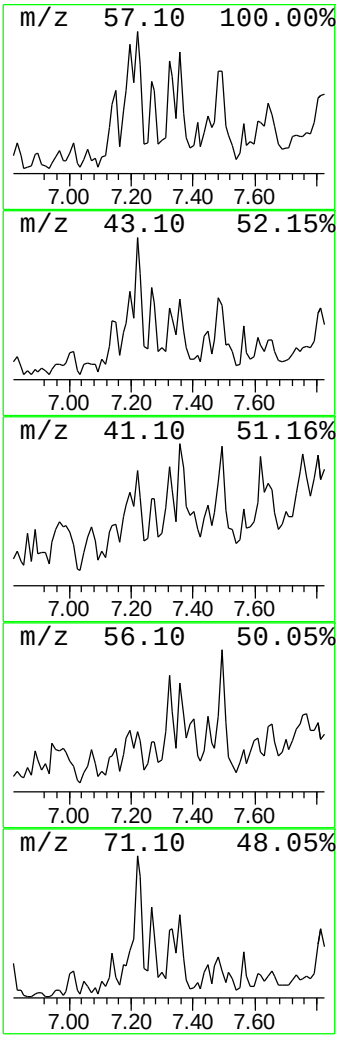
Peak Number 8 unknown7.32 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	25.02 ng	2411000	1,4-Dichlorobenzene-d4	7.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	47
2	Tetradecane	198	C14H30	000629-59-4	43
3	Hexadecane	226	C16H34	000544-76-3	43
4	Nonadecane	268	C19H40	000629-92-5	43
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	38





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Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

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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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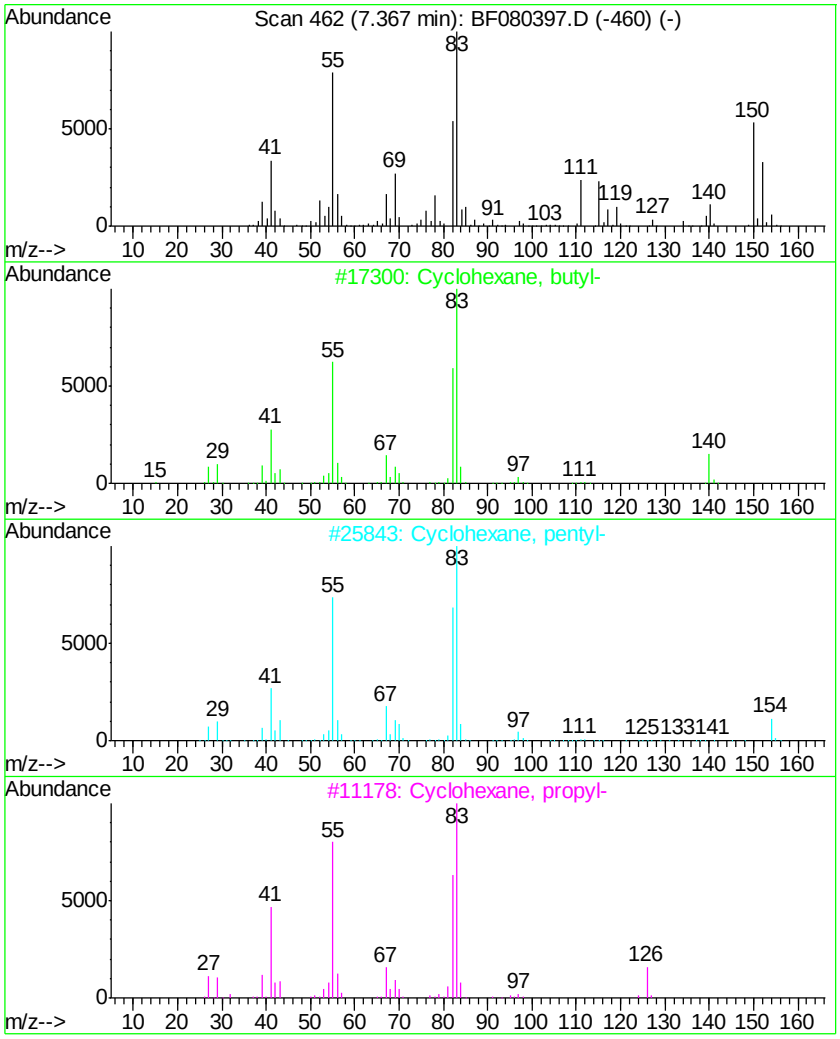
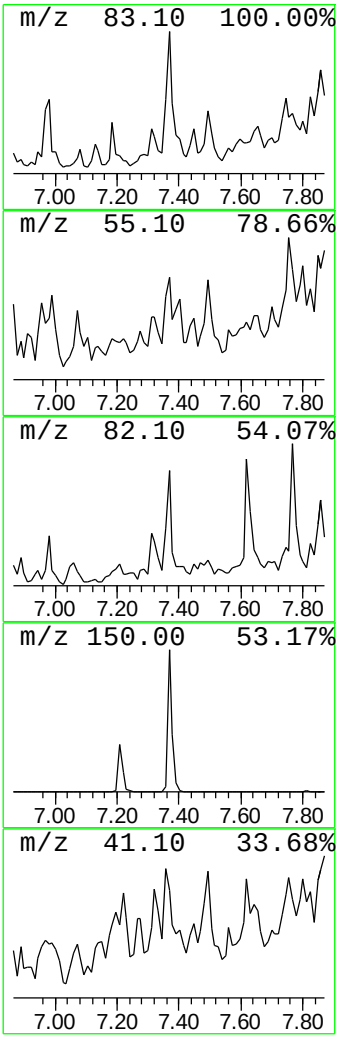
Peak Number 9 unknown7.37 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	32.78 ng	3158490	1,4-Dichlorobenzene-d4	7.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	49
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	45
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
4	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	35
5	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	35





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Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

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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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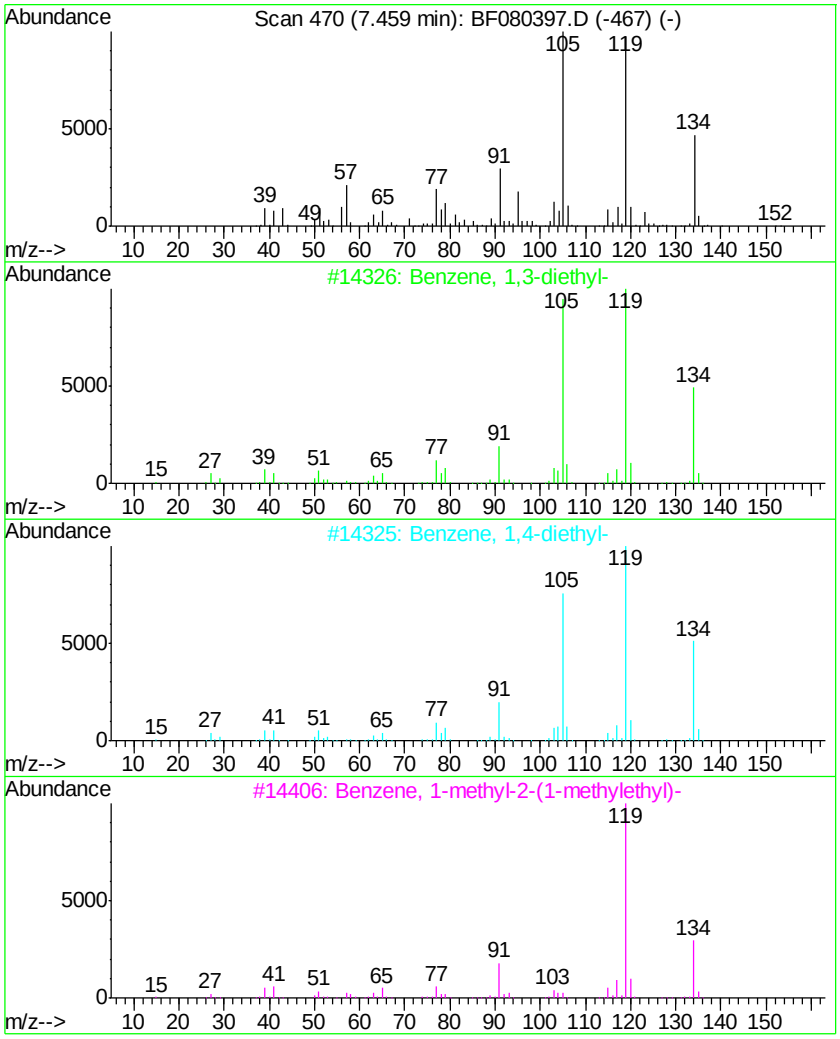
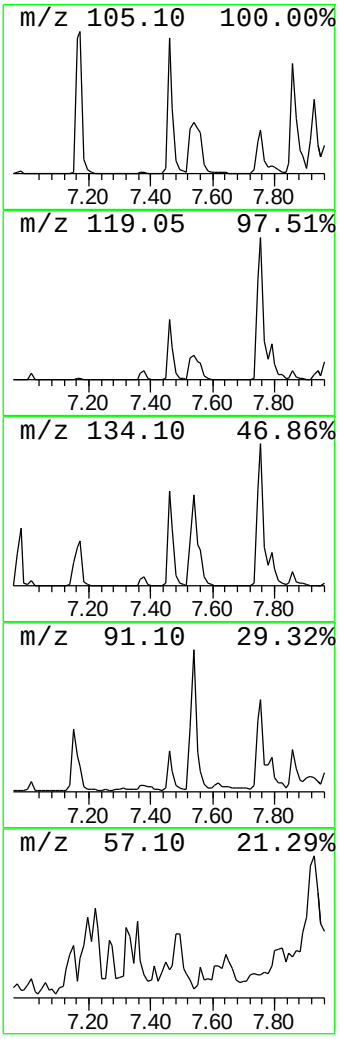
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	26.30 ng	2533690	1,4-Dichlorobenzene-d4	7.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76





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Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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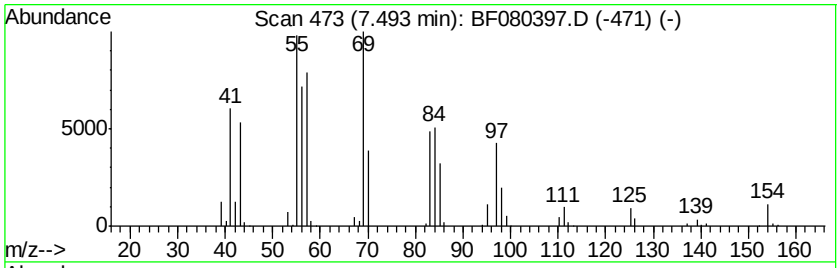
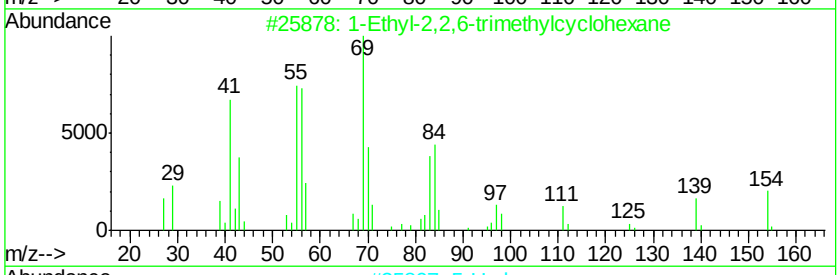
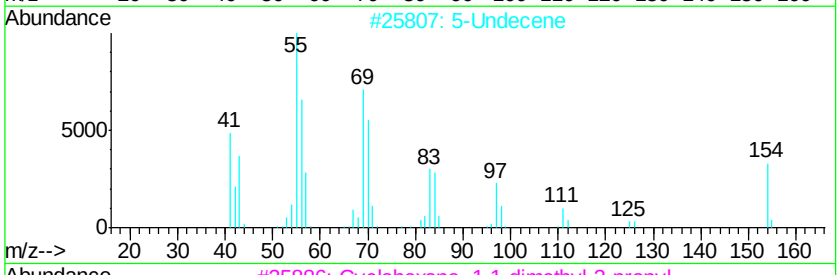
Peak Number 11 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 9

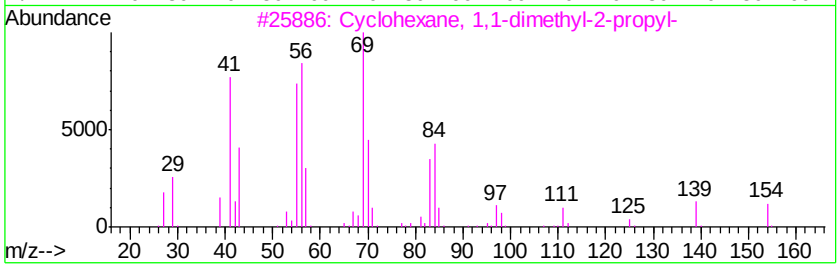
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	26.73 ng	2575030	1,4-Dichlorobenzene-d4	7.21

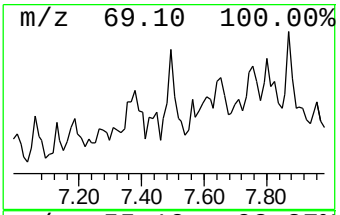
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	81
2	5-Undecene	154	C11H22	004941-53-1	74
3	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	68
4	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	50
5	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	46

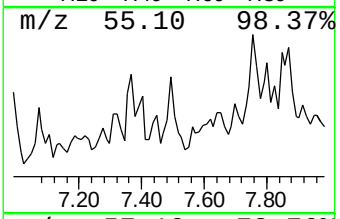


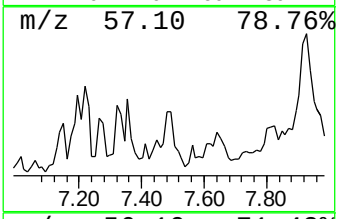


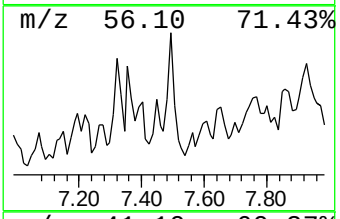


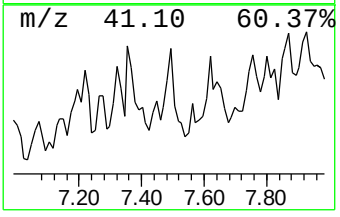












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Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.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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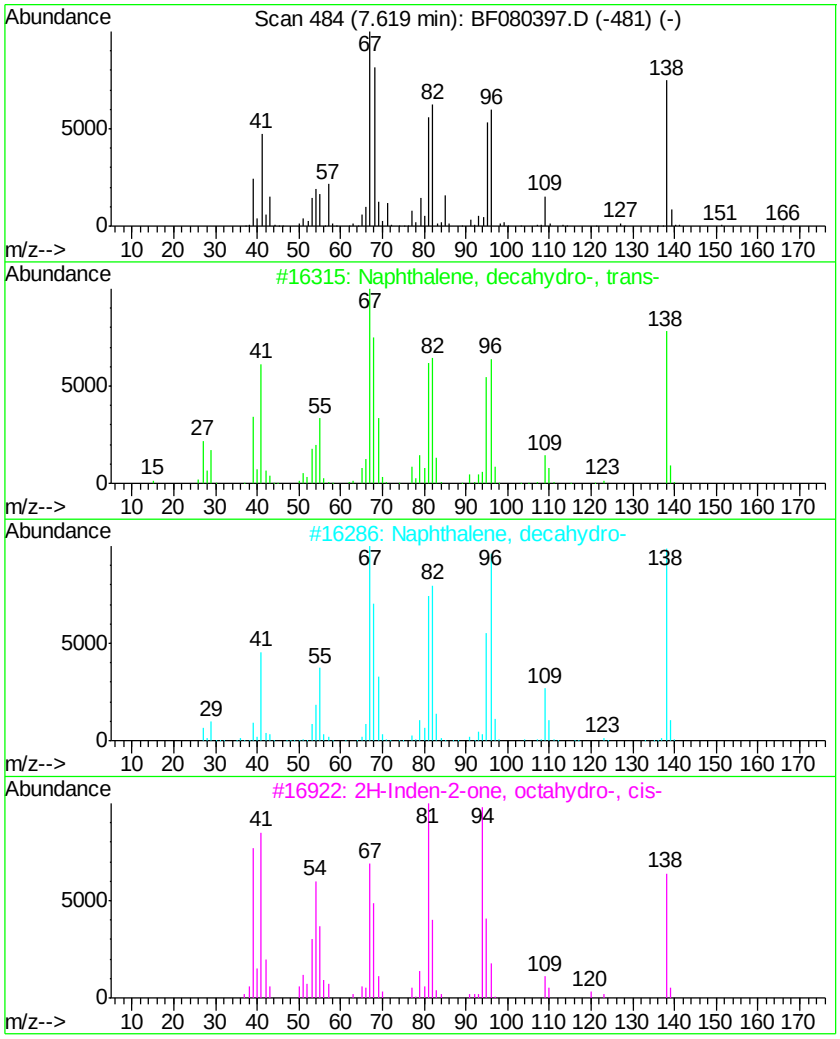
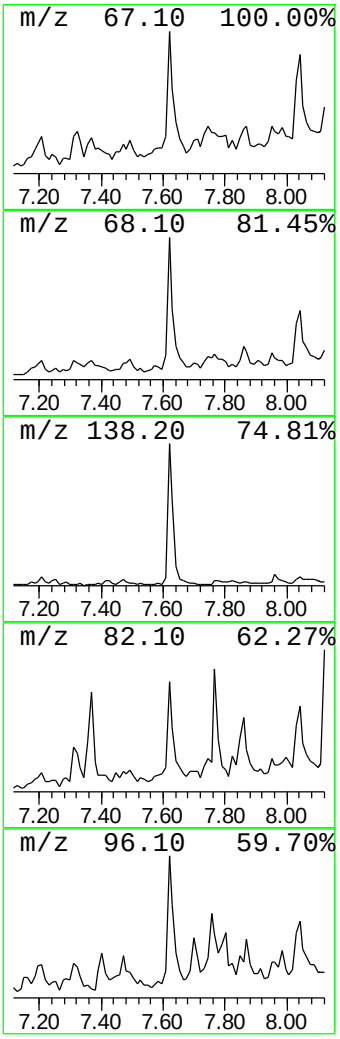
Peak Number 12 Naphthalene, decahydro-, tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	28.52 ng	2748270	1,4-Dichlorobenzene-d4	7.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	80
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	74
5	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	62





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ClientSampleId : SB-04-6.5-7.0-070115

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

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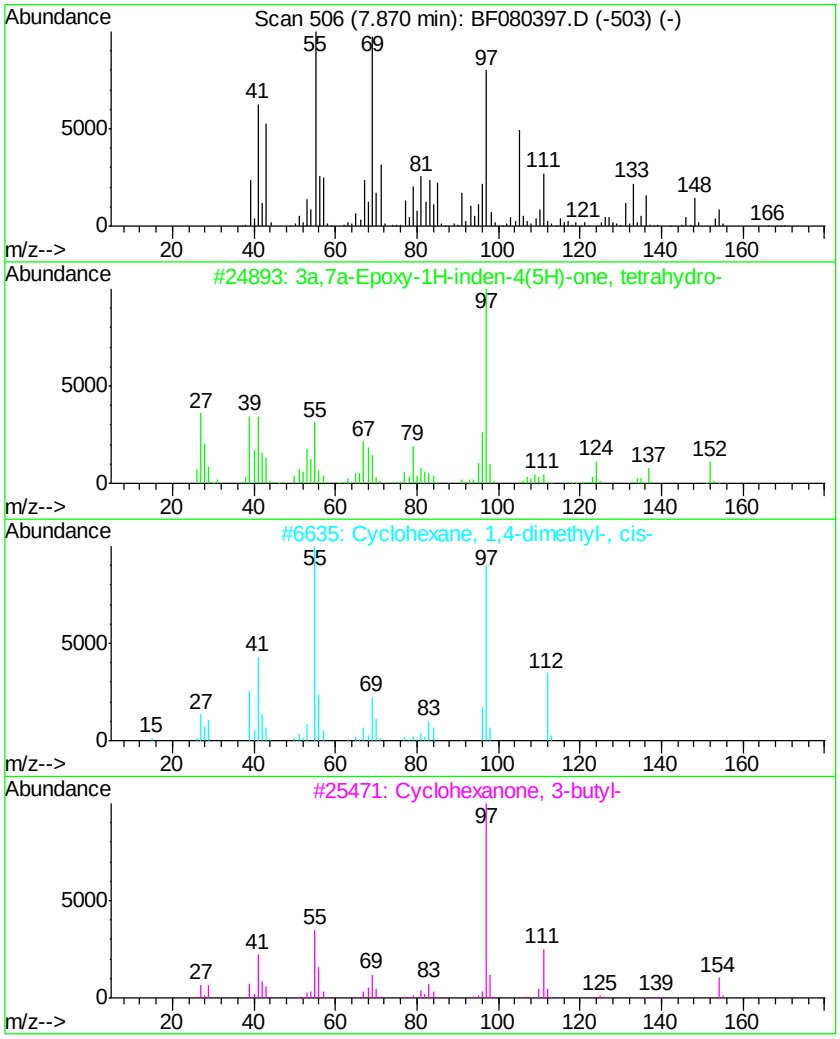
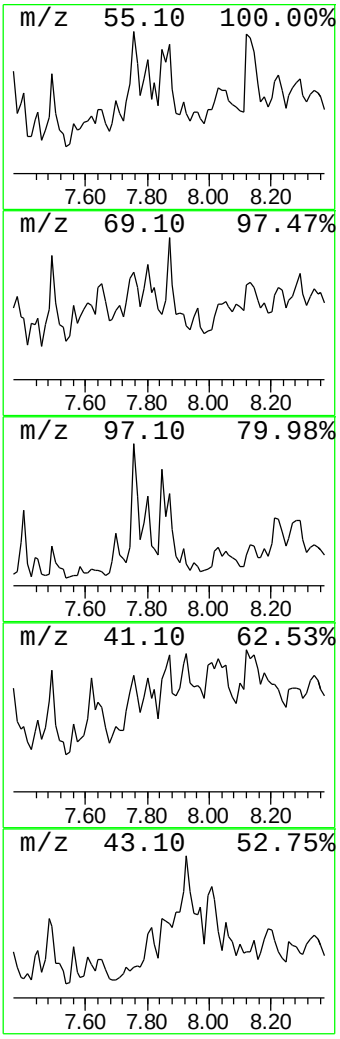
Peak Number 13 unknown7.87 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	34.48 ng	5243660	Naphthalene-d8	8.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,7a-Epoxy-1H-inden-4(5H)-one, ...	152	C9H12O2	039746-31-1	27
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	22
3	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	22
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	22
5	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	22





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Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

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

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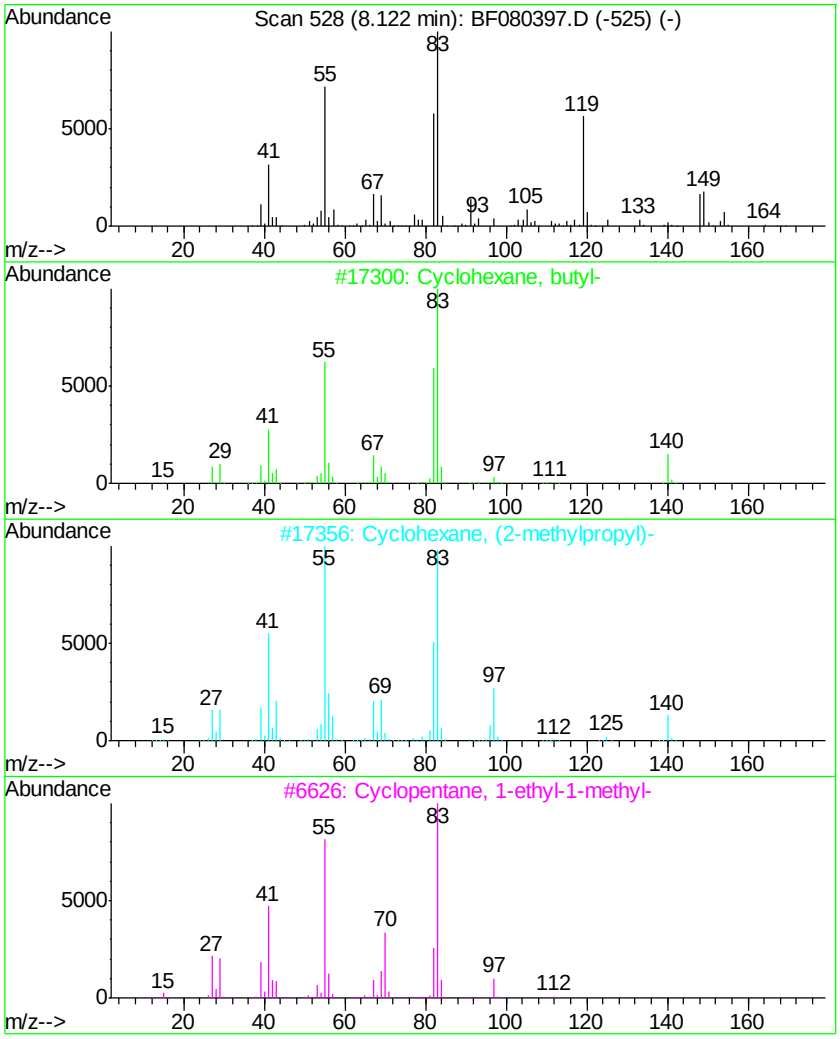
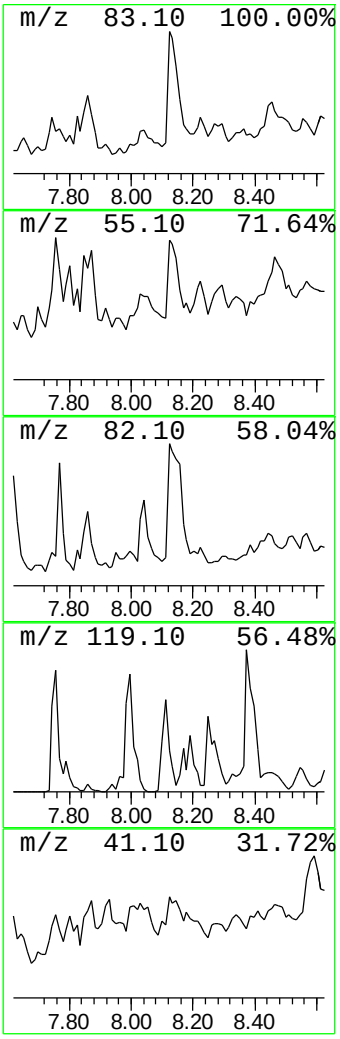
Peak Number 14 unknown8.12 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	26.72 ng	4063250	Naphthalene-d8	8.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	47
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	35
4	Cyclohexane, nitro-	129	C6H11NO2	001122-60-7	27
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27





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ClientSampleId : SB-04-6.5-7.0-070115

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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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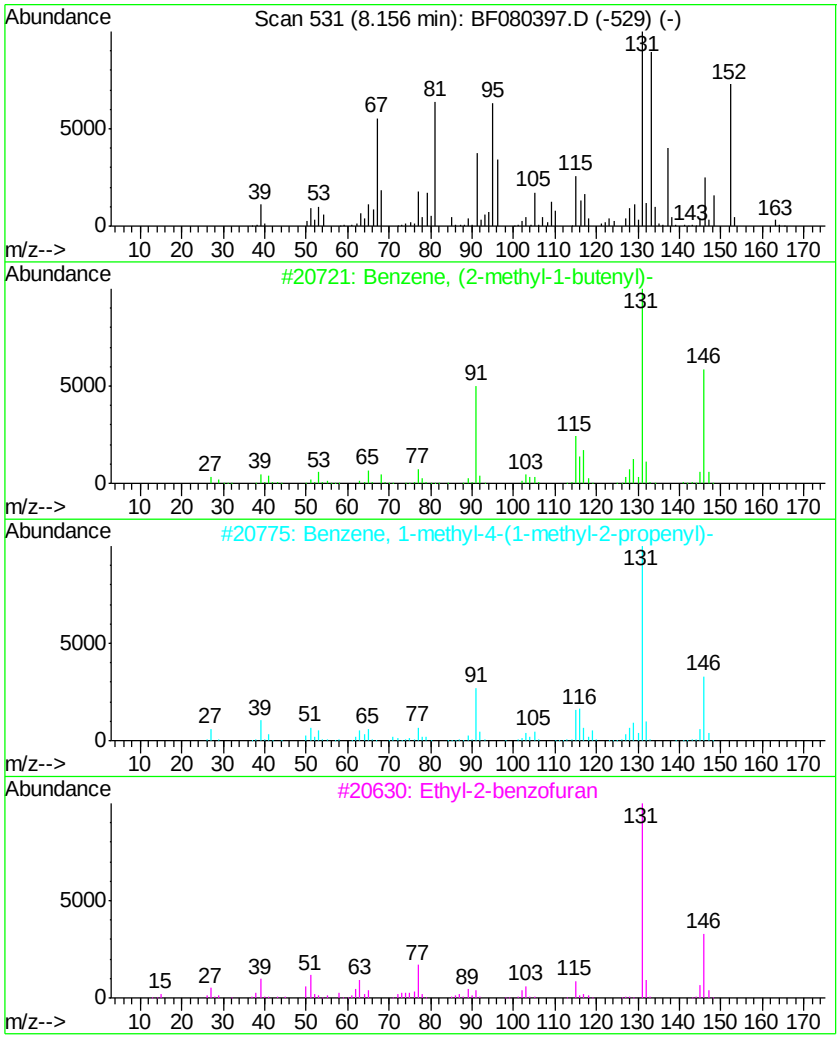
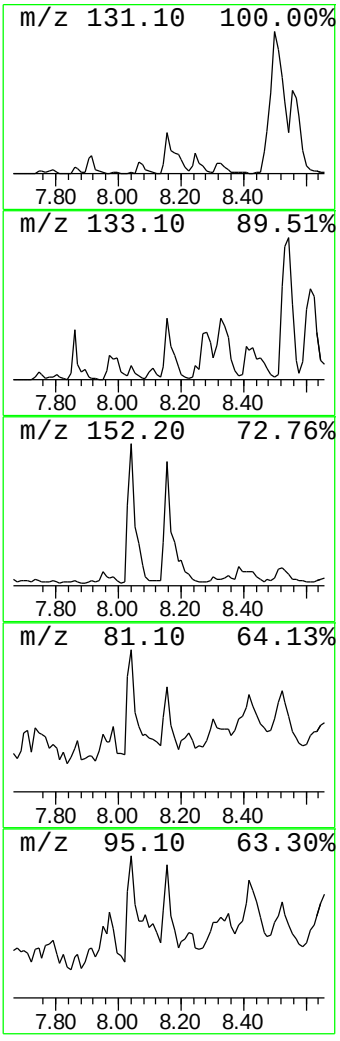
Peak Number 15 Benzene, (2-methyl-1-butenyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	44.90 ng	6827880	Naphthalene-d8	8.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	53
3	Ethyl-2-benzofuran	146	C10H10O	003131-63-3	25
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	25
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	25





Library Search Compound Report

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ClientSampleId : SB-04-6.5-7.0-070115

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TIC Integration Parameters: LSCINT.P

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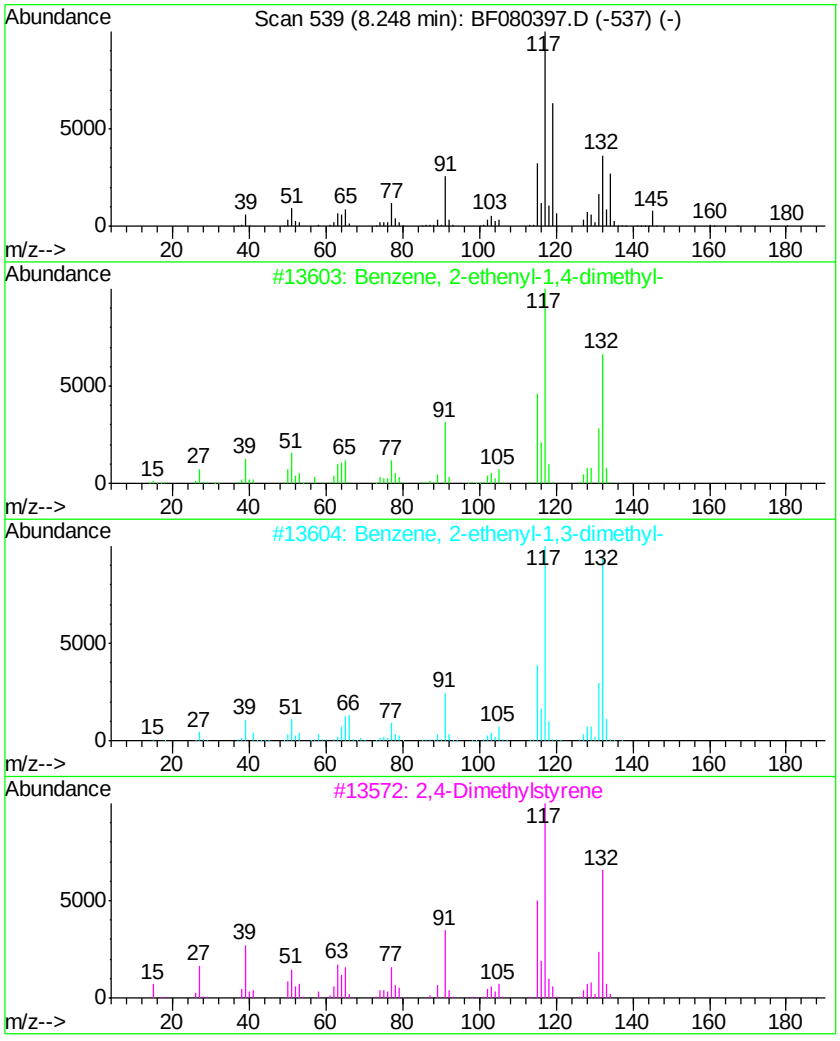
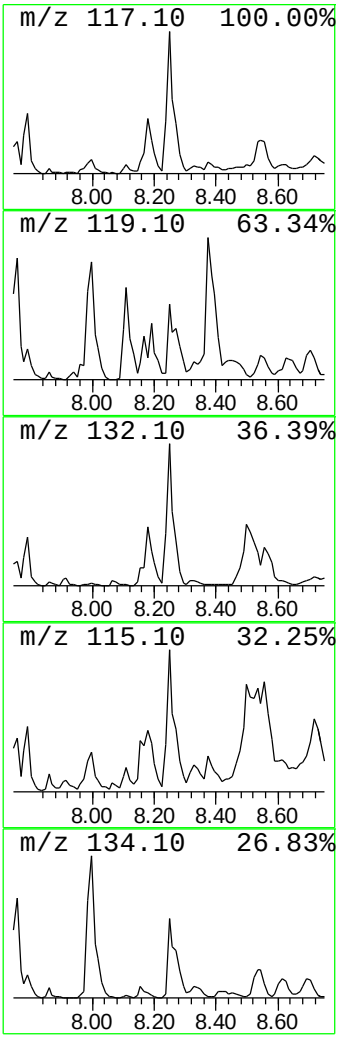
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	28.97 ng	4406100	Naphthalene-d8	8.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	92
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70





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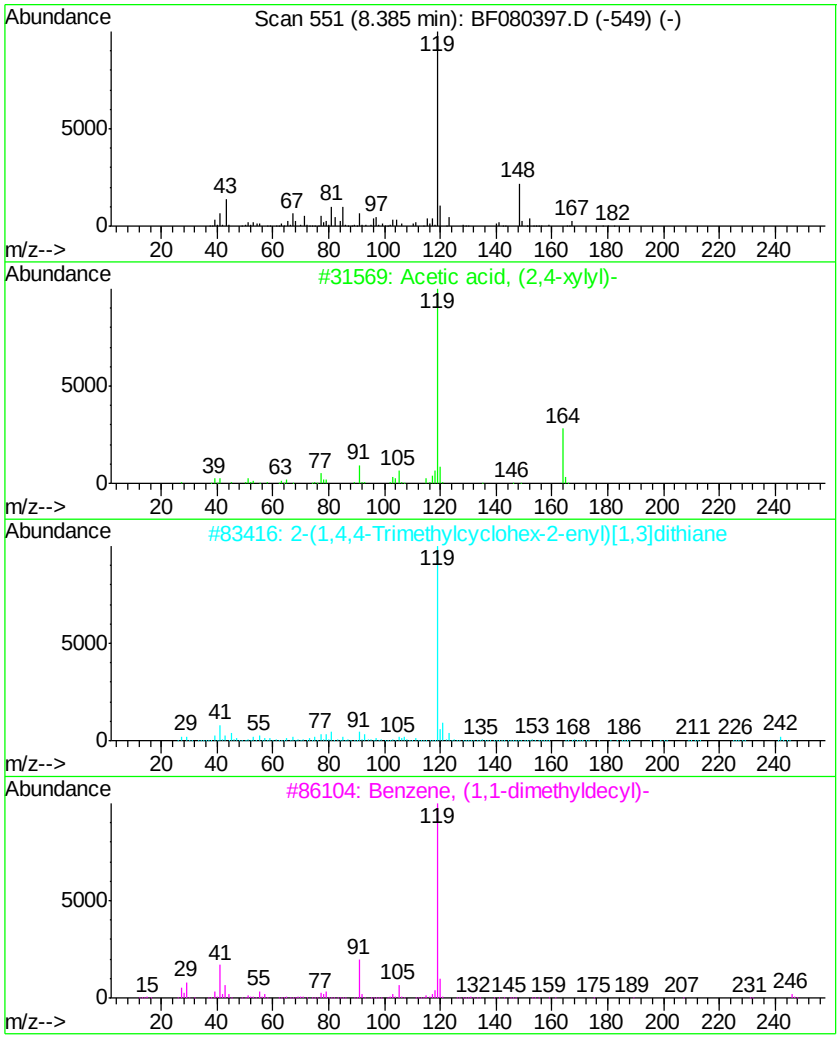
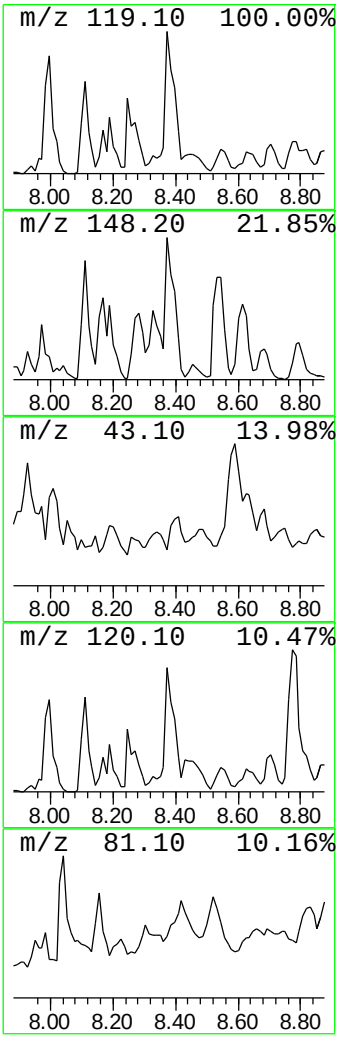
Peak Number 17 unknown8.38 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	20.00 ng	3041470	Naphthalene-d8	8.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	47
2	2-(1,4,4-Trimethylcyclohex-2-eny...	242	C13H22S2	1000191-03-0	40
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	38
4	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	38
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	38





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Data File : BF080397.D
Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.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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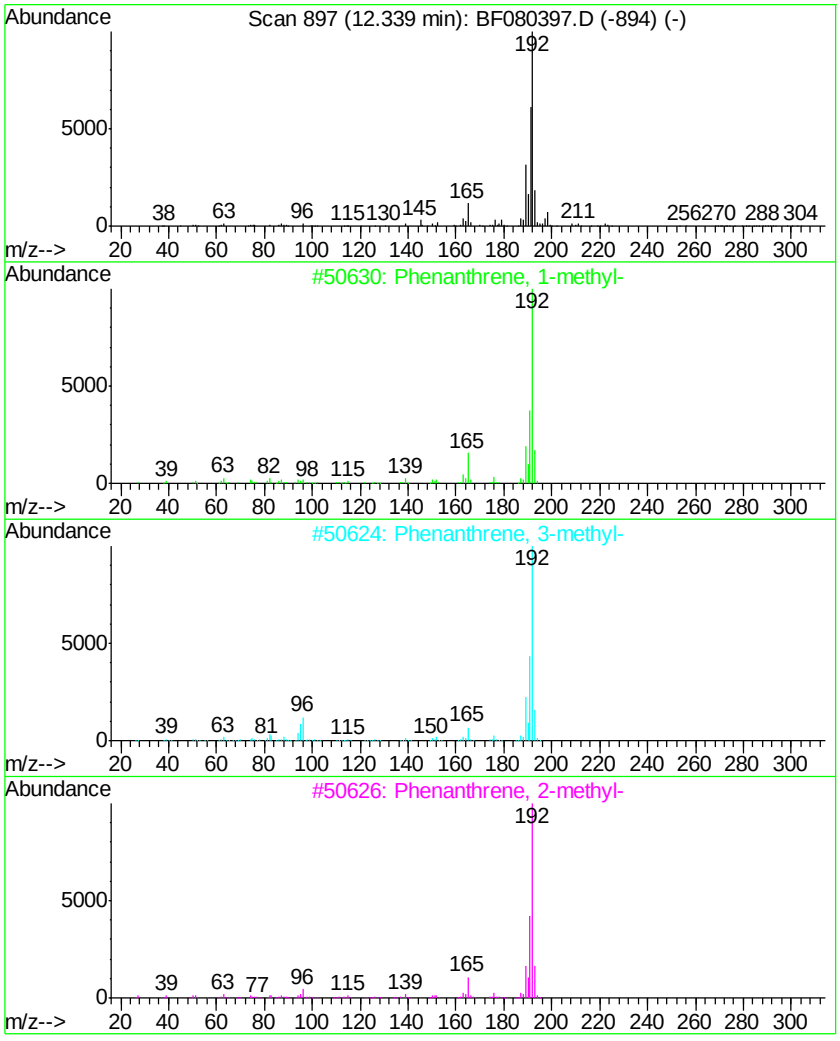
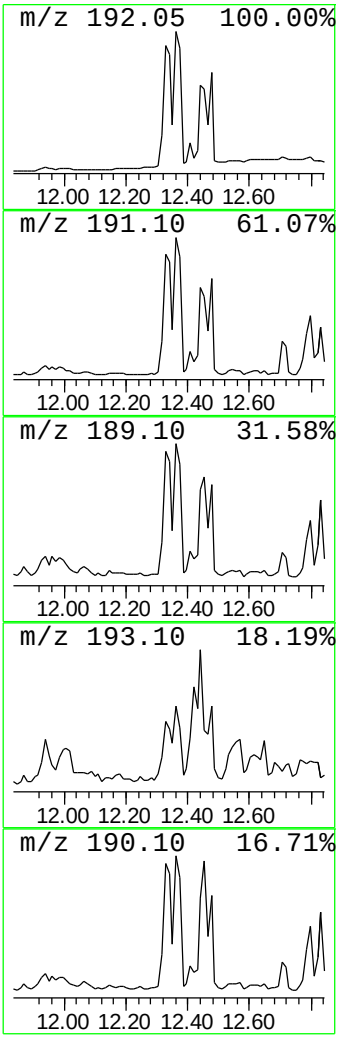
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	20.00 ng	2248690	Phenanthrene-d10	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080397.D
Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.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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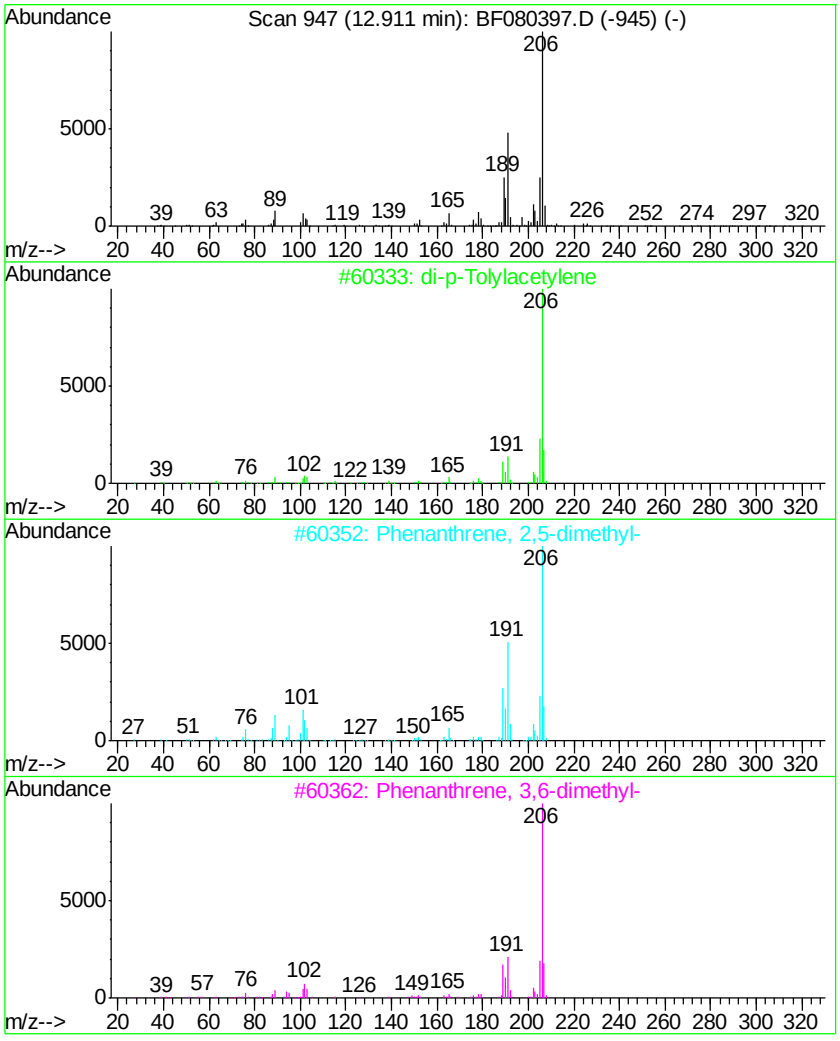
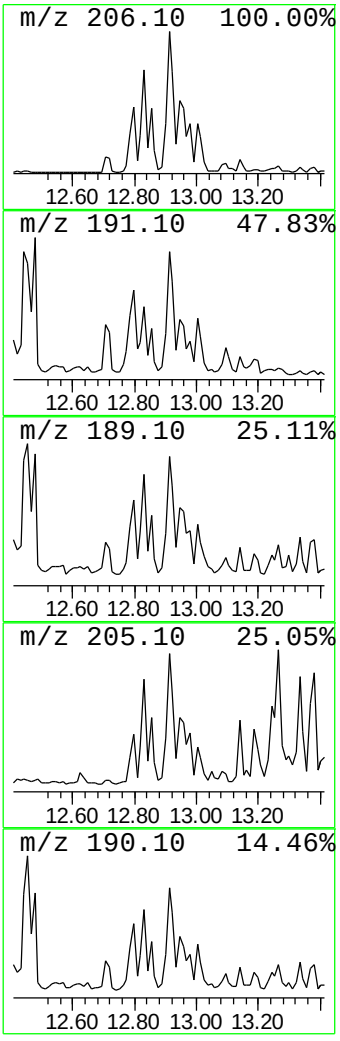
Peak Number 19 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	19.95 ng	2243190	Phenanthrene-d10	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	74
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	68





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080397.D
Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.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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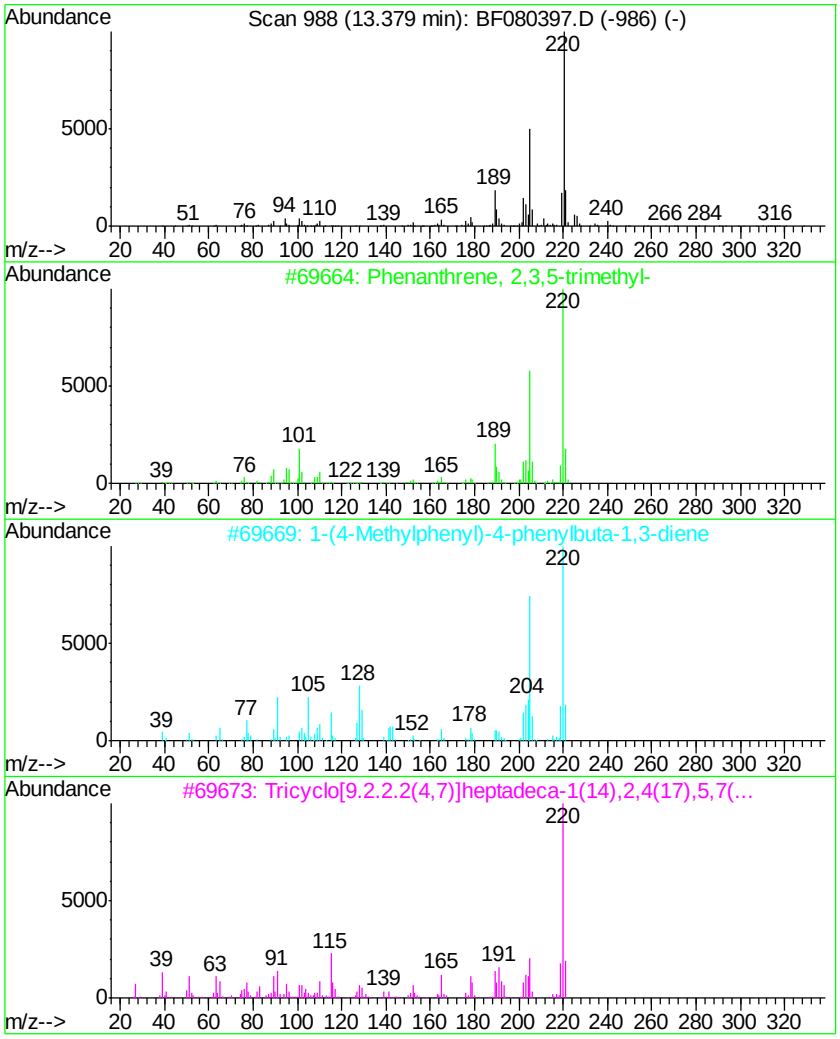
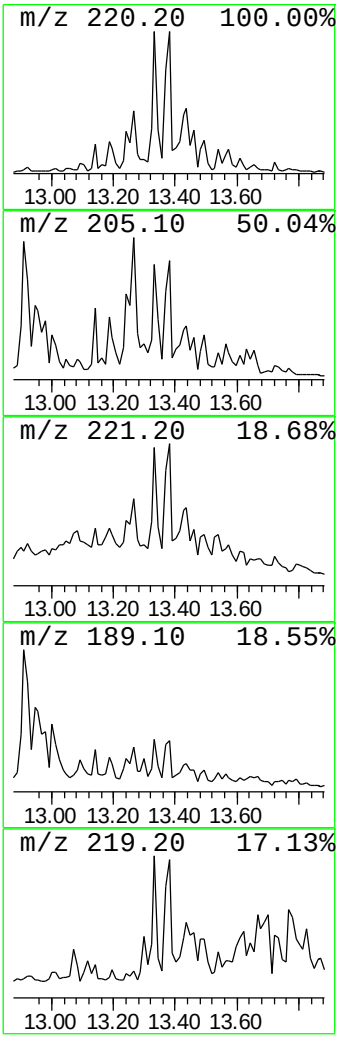
Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	20.91 ng	1060300	Chrysene-d12	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	91
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	87
3	Tricyclo[9.2.2.2(4,7)]heptadeca-...	220	C17H16	049576-90-1	64
4	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	64
5	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
Data File : BF080397.D
Acq On : 8 Jul 2015 19:50
Operator : TP/UM
Sample : G2866-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-6.5-7.0-070115

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.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
Cyclohexane, 1-et...	6.24	18.1	ng	1747910	1	7.21	1926980	20.0
7-Methylbicyclo[4...	6.37	18.5	ng	1784590	1	7.21	1926980	20.0
Octane, 3,6-dimet...	6.45	38.4	ng	3700360	1	7.21	1926980	20.0
Cyclohexane, 1,1,...	6.75	35.9	ng	3457070	1	7.21	1926980	20.0
Cyclohexene, 3-(2...	6.89	19.5	ng	1876470	1	7.21	1926980	20.0
unknown6.98	6.98	56.1	ng	5401050	1	7.21	1926980	20.0
Cyclohexane, 1-me...	7.07	24.6	ng	2373350	1	7.21	1926980	20.0
unknown7.32	7.32	25.0	ng	2411000	1	7.21	1926980	20.0
unknown7.37	7.37	32.8	ng	3158490	1	7.21	1926980	20.0
Benzene, 1,3-diet...	7.46	26.3	ng	2533690	1	7.21	1926980	20.0
1-Ethyl-2,2,6-tri...	7.49	26.7	ng	2575030	1	7.21	1926980	20.0
Naphthalene, deca...	7.62	28.5	ng	2748270	1	7.21	1926980	20.0
unknown7.87	7.87	34.5	ng	5243660	2	8.51	3041470	20.0
unknown8.12	8.12	26.7	ng	4063250	2	8.51	3041470	20.0
Benzene, (2-methy...	8.16	44.9	ng	6827880	2	8.51	3041470	20.0
Benzene, 2-etheny...	8.25	29.0	ng	4406100	2	8.51	3041470	20.0
unknown8.38	8.38	20.0	ng	3041470	2	8.51	3041470	20.0
Phenanthrene, 1-m...	12.34	20.0	ng	2248690	4	11.81	2248690	20.0
di-p-Tolylacetylene	12.91	19.9	ng	2243190	4	11.81	2248690	20.0
Phenanthrene, 2,3...	13.38	20.9	ng	1060300	5	14.68	1014180	20.0