LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090980.D
Acq On : 2 Nov 2016 15:30
Operator : UM/SJ
Sample : H5491-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

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-BF102616.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	3.858	149	155	158	rBV2	61511	130833	1.34%	0.089%
2	4.247	186	189	194	rVB2	80112	146308	1.50%	0.100%
3	4.704	227	229	231	rVB	115913	135022	1.38%	0.092%
4	4.796	231	237	241	rBV3	275821	535105	5.48%	0.365%
5	4.876	241	244	246	rBV	1749598	2520478	25.80%	1.720%
6	5.001	252	255	258	rVB	69462	117498	1.20%	0.080%
7	5.081	259	262	264	rBV	478304	570896	5.84%	0.390%
8	5.116	264	265	269	rVB2	73946	139717	1.43%	0.095%
9	5.173	269	270	272	rBV	74645	105724	1.08%	0.072%
10	5.253	276	277	278	rBV	97117	107619	1.10%	0.073%
11	5.287	278	280	281	rBV	97990	109781	1.12%	0.075%
12	5.310	281	282	286	rVB	1571554	1754509	17.96%	1.197%
13	5.367	286	287	291	rVB	140784	193501	1.98%	0.132%
14	5.458	293	295	297	rBV	439388	558469	5.72%	0.381%
15	5.504	297	299	301	rVB	502671	436555	4.47%	0.298%
16	5.550	301	303	307	rVB2	330811	511383	5.23%	0.349%
17	5.618	307	309	311	rBV	175726	185056	1.89%	0.126%
18	5.721	314	318	320	rVB2	665969	989828	10.13%	0.675%
19	5.779	320	323	325	rBV2	371787	779120	7.97%	0.532%
20	5.859	327	330	332	rVB	1249402	1366518	13.99%	0.932%
21	5.916	332	335	337	rBV2	477346	819976	8.39%	0.560%
22	5.961	337	339	342	rVB2	2467620	3077004	31.49%	2.100%
23	6.019	342	344	346	rBV	1461261	1657448	16.96%	1.131%
24	6.053	346	347	348	rVB	155089	110251	1.13%	0.075%
25	6.156	353	356	358	rBV2	1232313	1913883	19.59%	1.306%
26	6.247	360	364	366	rBV3	1221354	2520872	25.80%	1.720%
27	6.316	369	370	372	rBV2	422413	782722	8.01%	0.534%
28	6.361	372	374	378	rVB3	1783705	2733549	27.98%	1.865%
29	6.419	378	379	381	rVB	708874	566695	5.80%	0.387%
30	6.487	381	385	390	rBV2	2959704	6905710	70.68%	4.712%
31	6.579	390	393	395	rBV	998643	1438978	14.73%	0.982%
32	6.636	395	398	399	rBV3	162218	351655	3.60%	0.240%
33	6.681	399	402	403	rBV3	795812	1856700	19.00%	1.267%
34	6.727	403	406	407	rBV2	801373	1089413	11.15%	0.743%

LSC Area Percent Report

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Data File : BF090980.D
Acq On : 2 Nov 2016 15:30
Operator : UM/SJ
Sample : H5491-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

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-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.750	407	408	410	rVB	2378160	2272576	23.26%	1.551%
36	6.796	410	412	413	rBV	1172319	1721245	17.62%	1.175%
37	6.830	413	415	416	rBV2	411887	592907	6.07%	0.405%
38	6.887	416	420	421	rBV3	2884364	5073210	51.92%	3.462%
39	7.001	424	430	433	rBV2	2707631	7808136	79.92%	5.328%
40	7.093	436	438	439	rBV2	923600	1537169	15.73%	1.049%
41	7.127	439	441	442	rBV	1874433	2098309	21.48%	1.432%
42	7.150	442	443	447	rVB4	1062475	1826978	18.70%	1.247%
43	7.287	447	455	457	rBV4	2602395	9770332	100.00%	6.667%
44	7.379	461	463	466	rBV3	1805191	3756856	38.45%	2.564%
45	7.459	466	470	472	rBV2	1705658	4374804	44.78%	2.985%
46	7.493	472	473	475	rBV3	782288	1242023	12.71%	0.848%
47	7.539	475	477	480	rVB3	2723962	4358238	44.61%	2.974%
48	7.584	480	481	484	rBV2	1128292	1779846	18.22%	1.215%
49	7.653	484	487	490	rVB4	2608399	6352401	65.02%	4.335%
50	7.710	490	492	497	rBV4	1628884	4335865	44.38%	2.959%
51	7.790	497	499	502	rVB3	1227472	2019999	20.67%	1.378%
52	7.859	502	505	507	rBV3	1335055	2666063	27.29%	1.819%
53	7.927	507	511	513	rBV5	1071731	2929957	29.99%	1.999%
54	7.984	513	516	517	rBV3	1227244	2608458	26.70%	1.780%
55	8.019	517	519	521	rVV3	1339206	2221586	22.74%	1.516%
56	8.110	525	527	530	rVB2	1693764	2329990	23.85%	1.590%
57	8.202	533	535	536	rBV2	1439048	2126128	21.76%	1.451%
58	8.327	543	546	548	rBV2	1576575	3033068	31.04%	2.070%
59	8.476	556	559	563	rVB3	2082396	4568604	46.76%	3.118%
60	8.579	566	568	570	rBV2	900297	1734673	17.75%	1.184%
61	8.784	584	586	587	rBV2	840756	1147489	11.74%	0.783%
62	12.213	883	886	888	rBV2	1367201	2653952	27.16%	1.811%
63	12.328	894	896	901	rVB3	2214330	4577575	46.85%	3.124%
64	12.408	901	903	905	rVV	1181297	1295499	13.26%	0.884%
65	12.442	905	906	910	rVB2	1070818	1279394	13.09%	0.873%
66	12.728	927	931	933	rBV2	1622274	2967131	30.37%	2.025%
67	12.762	933	934	937	rVV	1463429	1665964	17.05%	1.137%
68	12.842	939	941	946	rVB	2943562	4964709	50.81%	3.388%
69	12.922	946	948	952	rVB5	507109	866669	8.87%	0.591%
70	13.288	978	980	982	rVB	351702	439016	4.49%	0.300%
71	13.882	1030	1032	1036	rVB	1174522	1170507	11.98%	0.799%

LSC Area Percent Report

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Operator : UM/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.054	1046	1047	1055	rVB4	109372	267691	2.74%	0.183%
73	15.265	1151	1153	1156	rBV	582233	892054	9.13%	0.609%

Sum of corrected areas: 146545847

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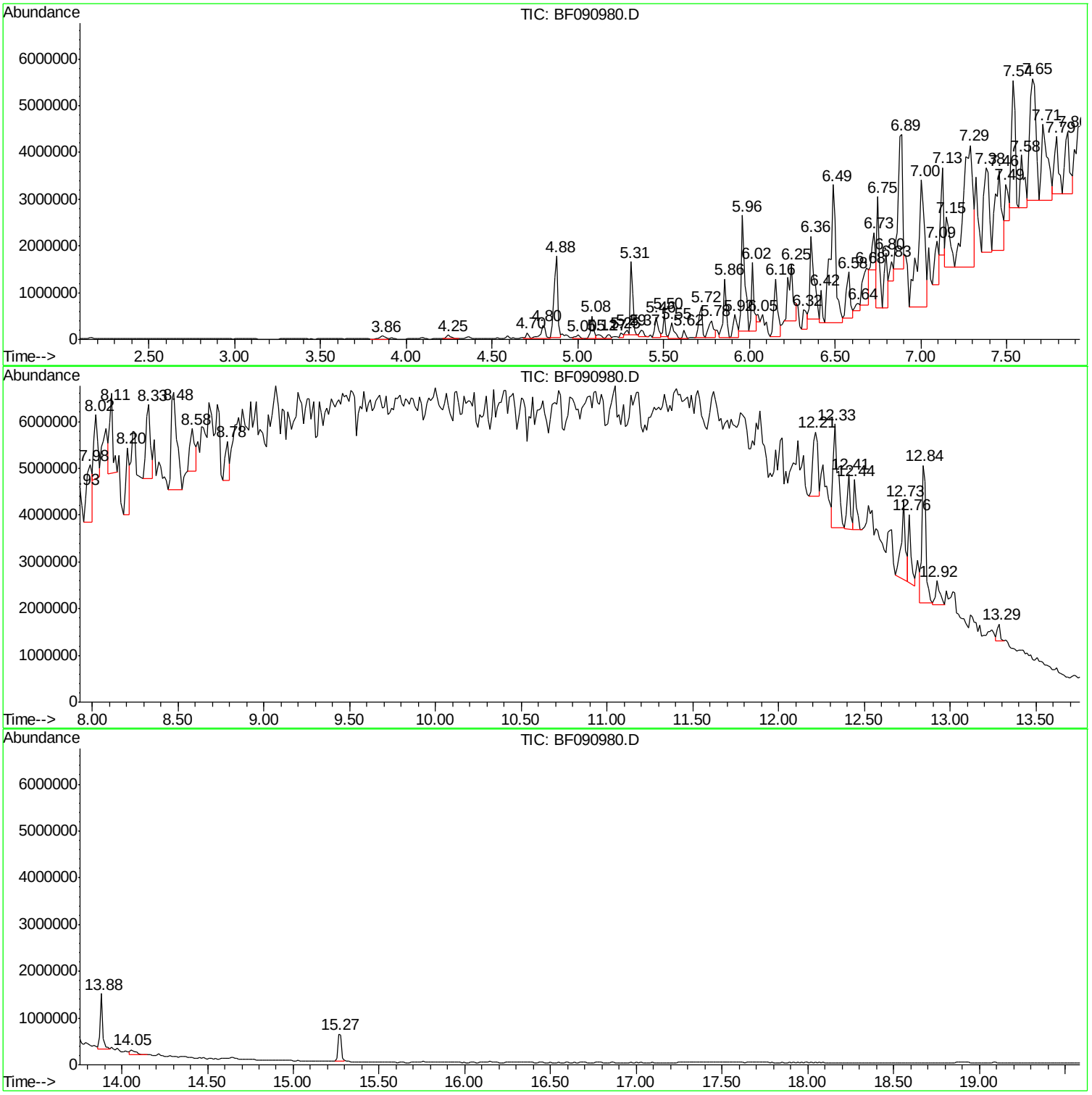
Instrument :
BNA_F
ClientSampleId :
GW-73-7.6-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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\BF110216\
Data File : BF090980.D
Acq On : 2 Nov 2016 15:30
Operator : UM/SJ
Sample : H5491-15
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Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

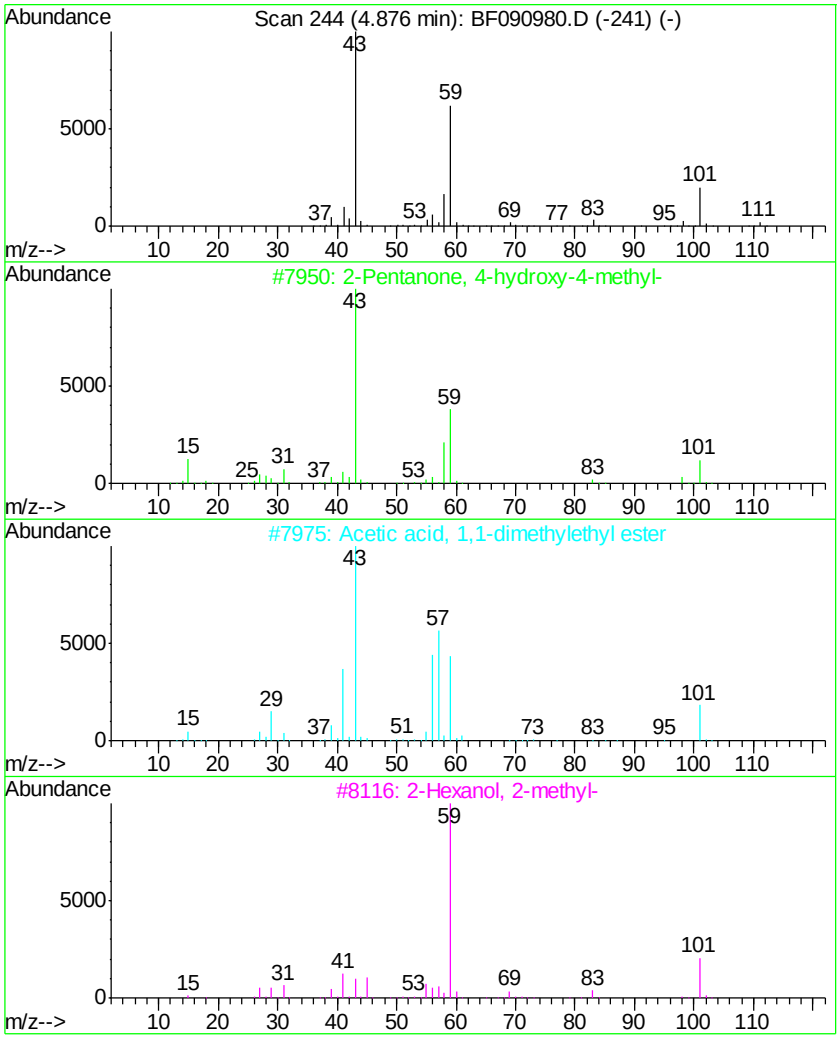
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

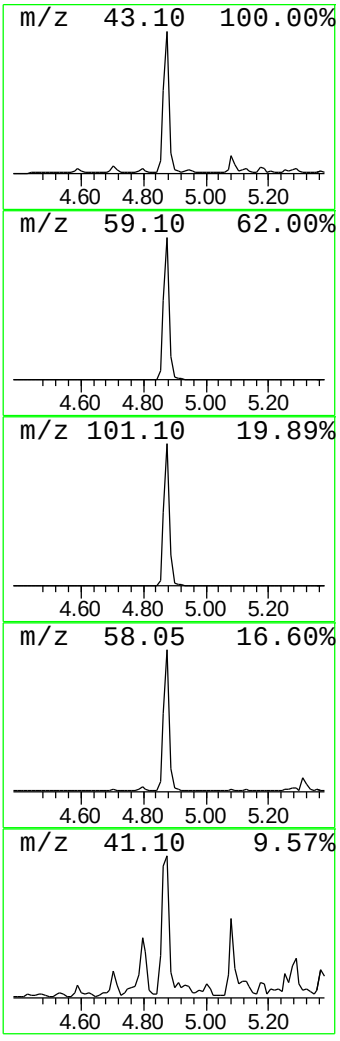
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	46.27 ng	2520480	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090980.D
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Operator : UM/SJ
Sample : H5491-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

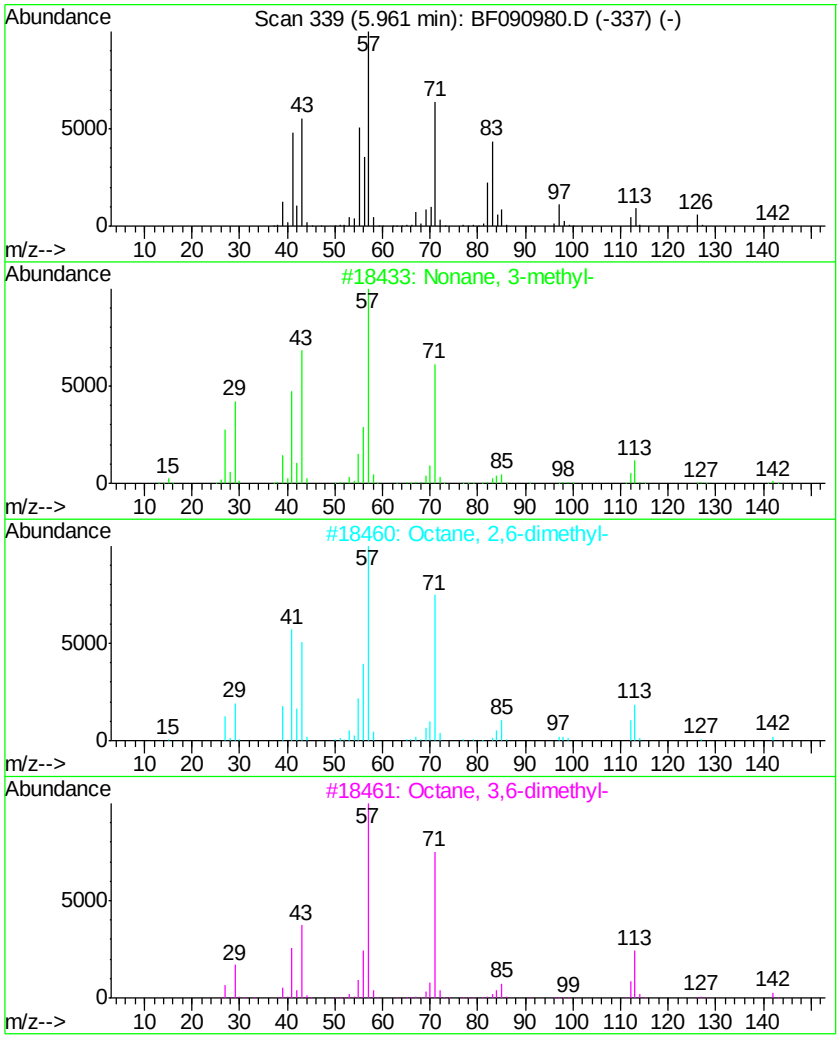
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

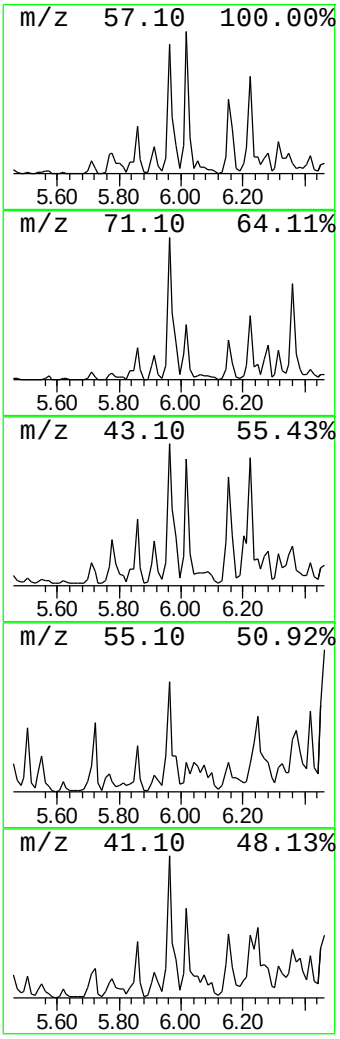
****

Peak Number 2 unknown5.96 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	56.49 ng	3077000	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
4	Hexanal, 3,5,5-trimethyl-	142	C9H18O	005435-64-3	35
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	35





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Data File : BF090980.D
Acq On : 2 Nov 2016 15:30
Operator : UM/SJ
Sample : H5491-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

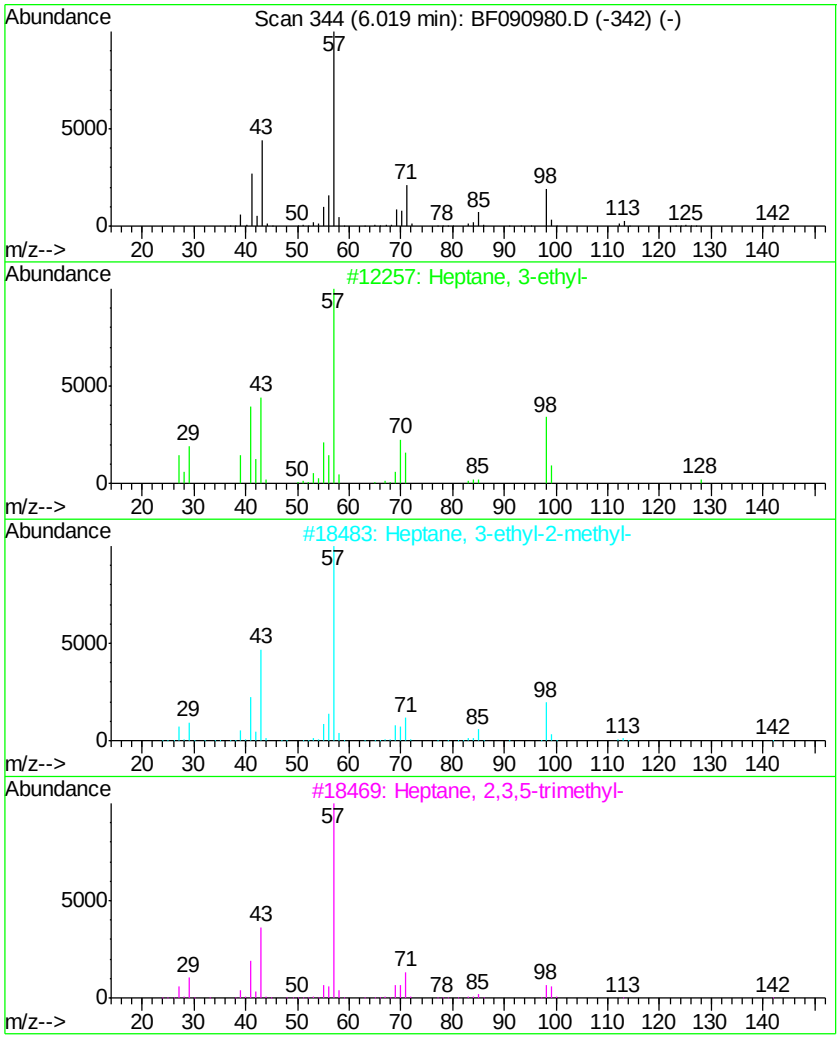
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

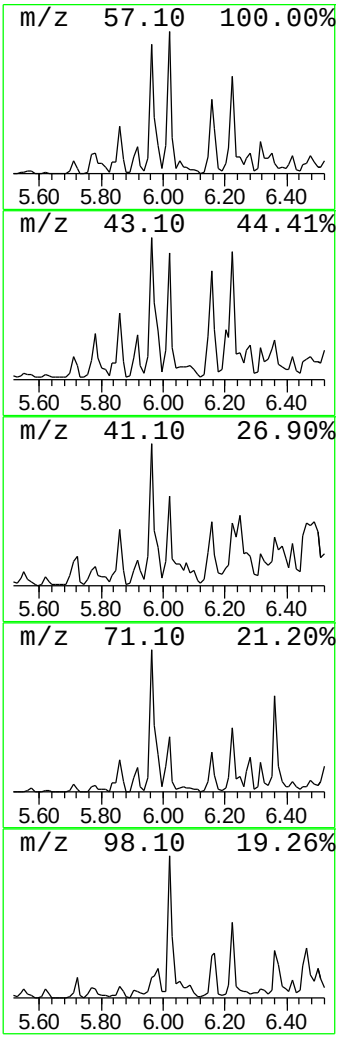
****

Peak Number 3 Heptane, 3-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	30.43 ng	1657450	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-	128	C9H20	015869-80-4	72
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	59
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	59
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53





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Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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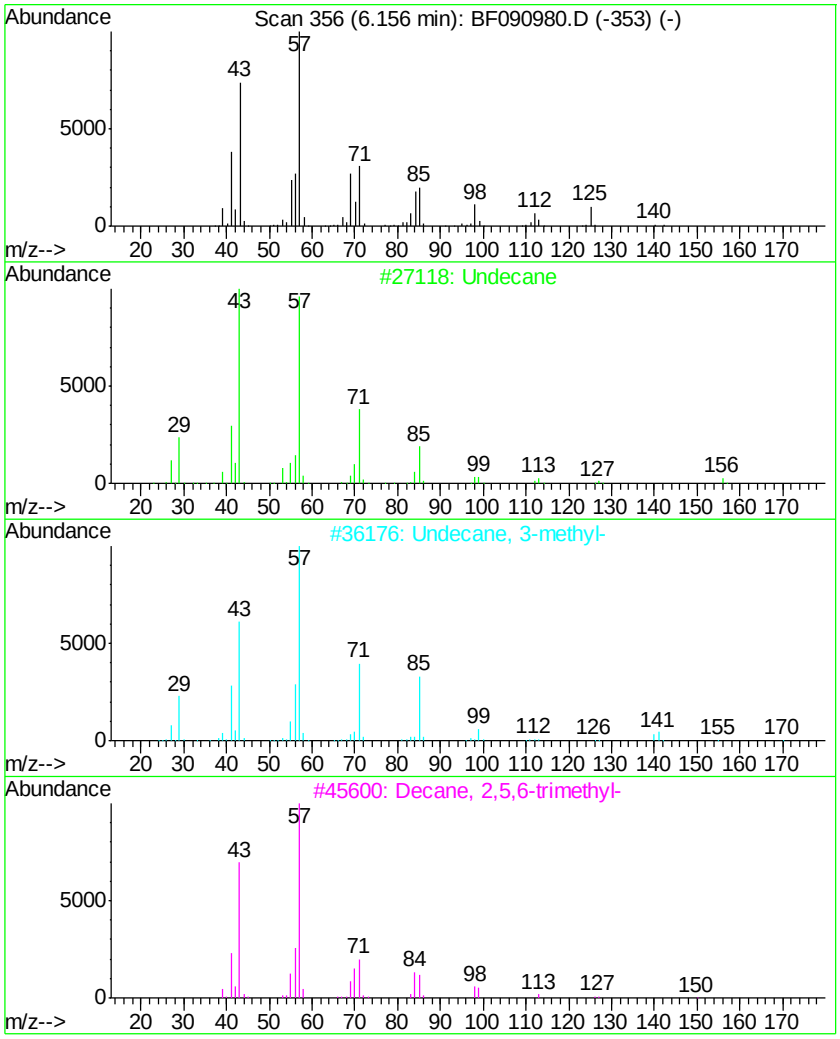
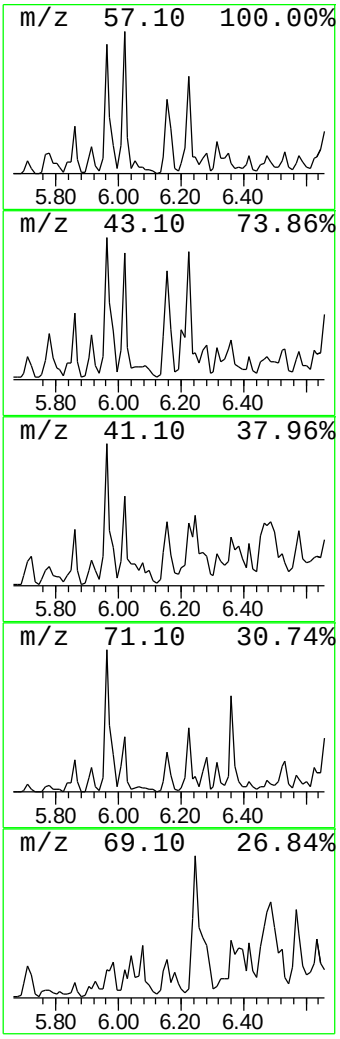
Peak Number 4 Undecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	35.14 ng	1913880	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	59
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	52
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50





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Acq On : 2 Nov 2016 15:30
Operator : UM/SJ
Sample : H5491-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

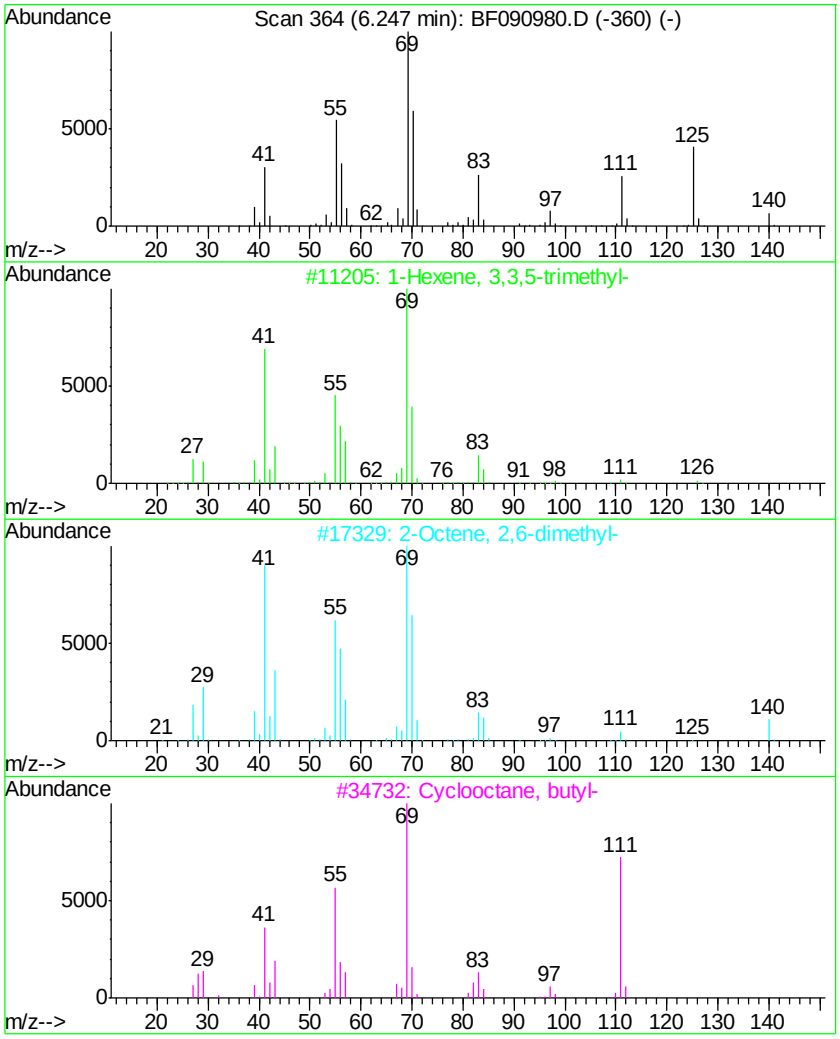
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

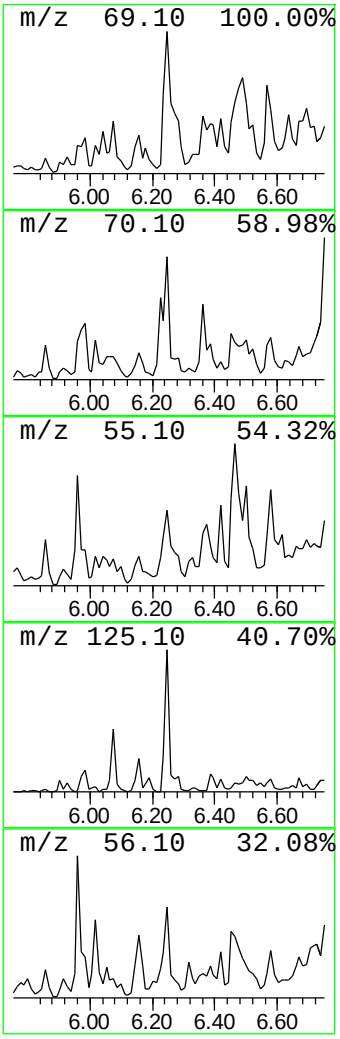
****

Peak Number 5 1-Hexene, 3,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	46.28 ng	2520870	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	53
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	50
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	43
4	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	43
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43





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Data File : BF090980.D
Acq On : 2 Nov 2016 15:30
Operator : UM/SJ
Sample : H5491-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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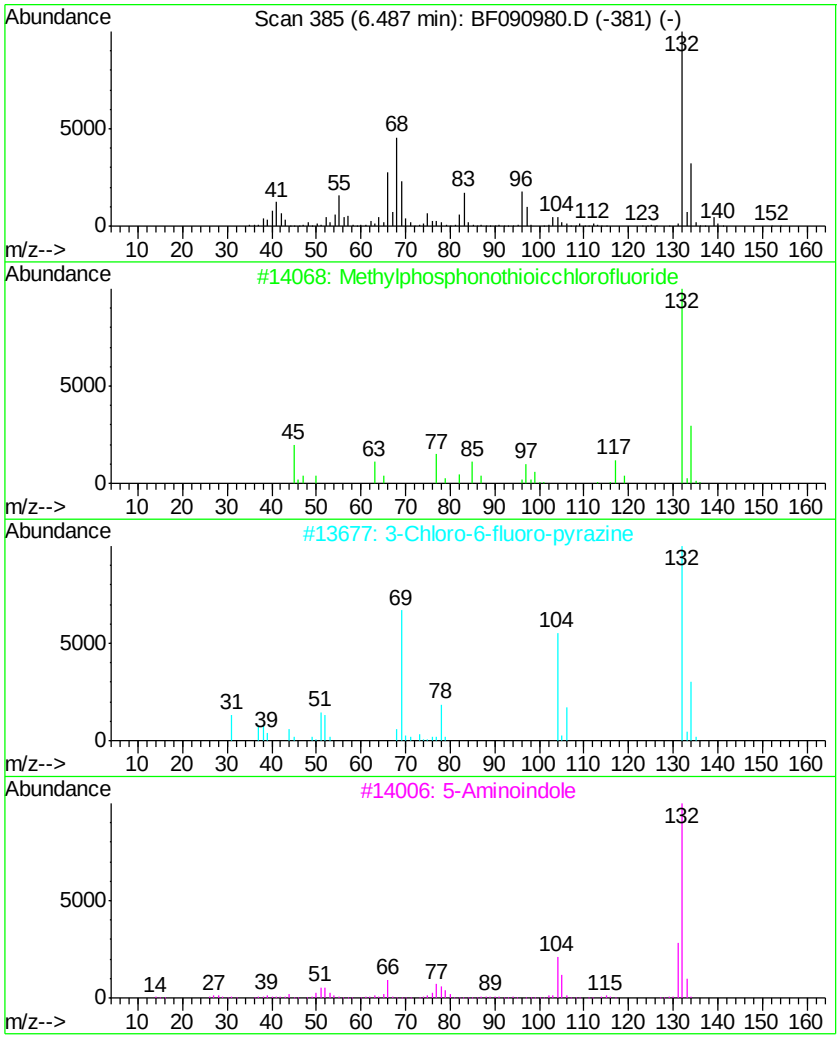
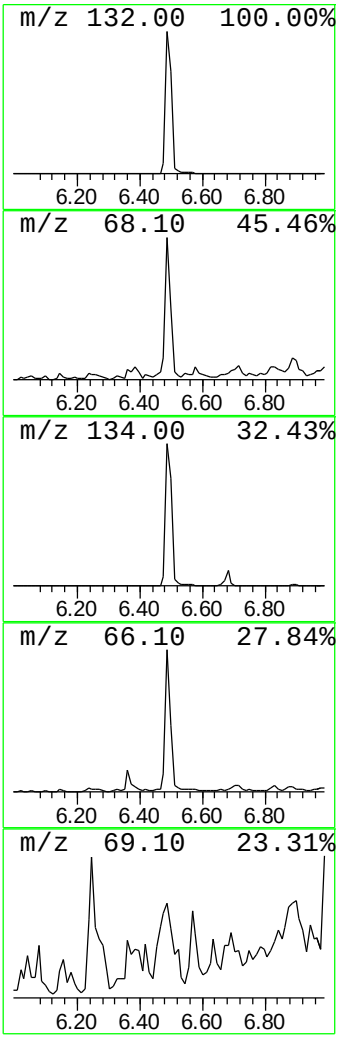
Peak Number 6 unknown6.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	126.78 ng	6905710	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : H5491-15
Misc :
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Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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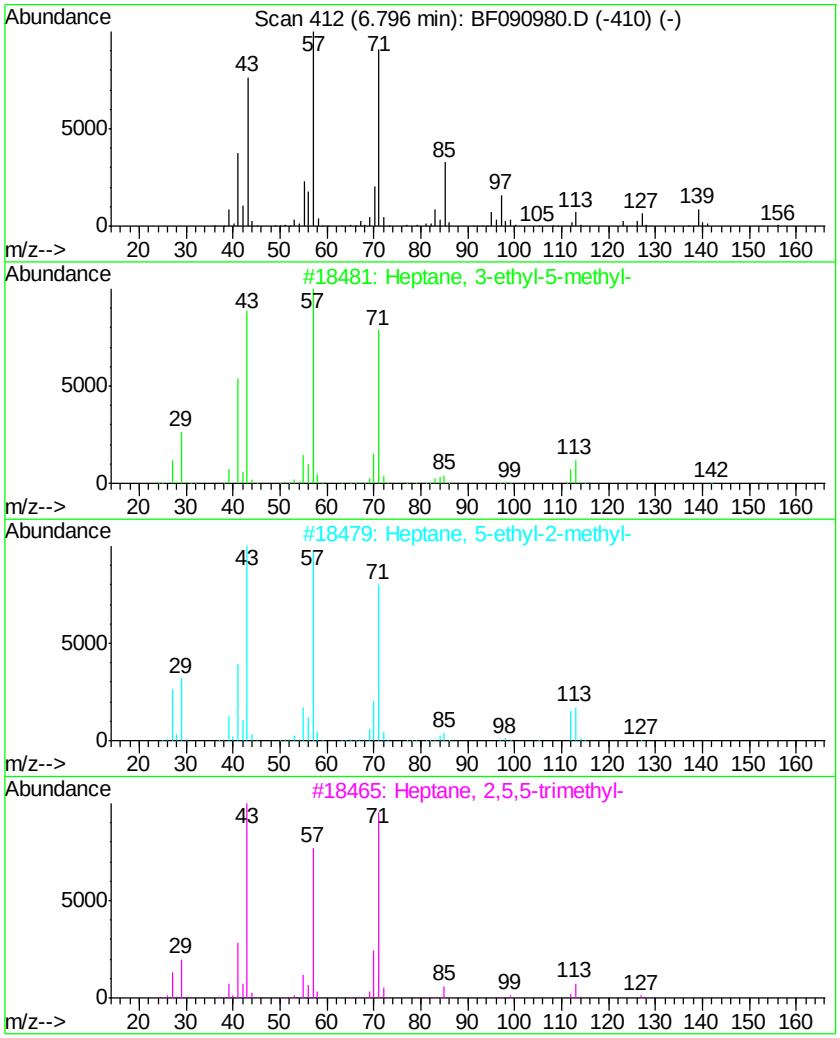
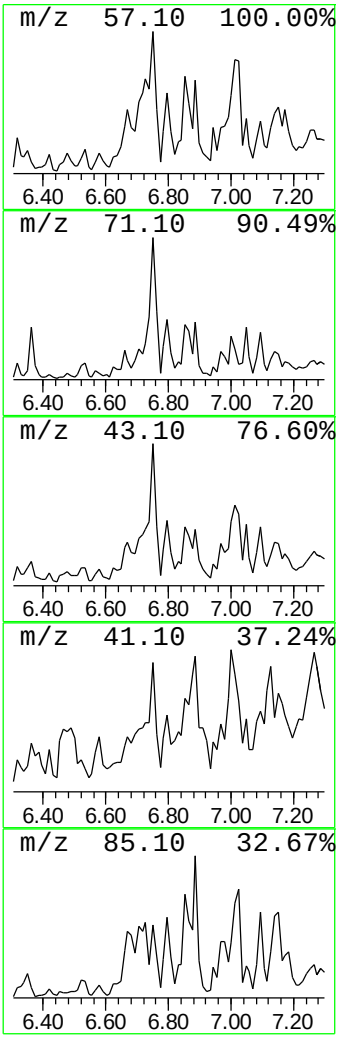
Peak Number 7 Heptane, 3-ethyl-5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	31.60 ng	1721250	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	59
2	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59
3	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	53
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	47
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	47





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Acq On : 2 Nov 2016 15:30
Operator : UM/SJ
Sample : H5491-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

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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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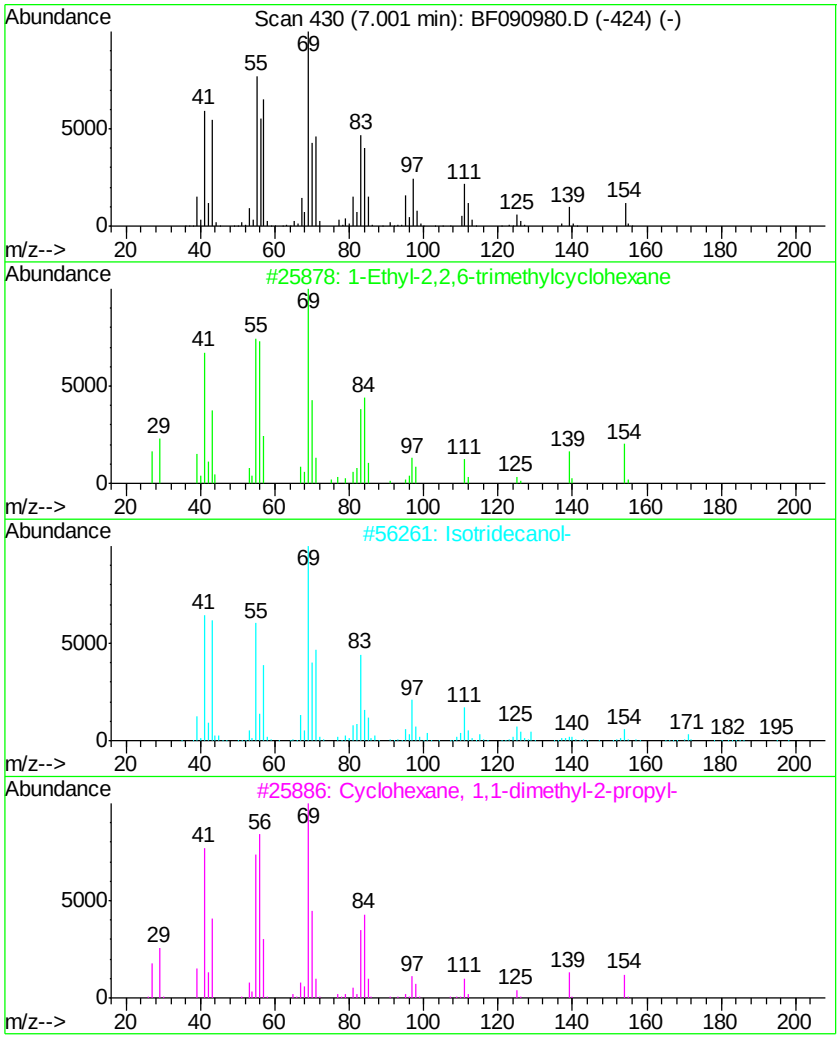
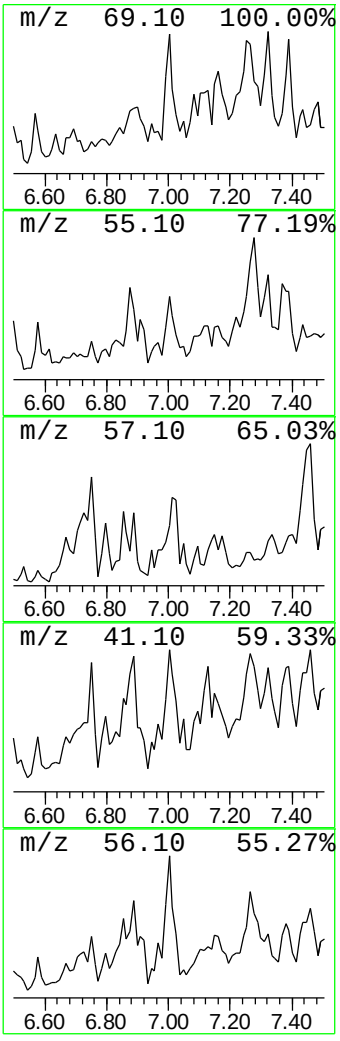
Peak Number 9 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	143.35 ng	7808140	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	81
2	Isotridecanol-	200	C13H28O	027458-92-0	64
3	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	58
4	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	46
5	4-Decene, 7-methyl-, (E)-	154	C11H22	062338-48-1	46





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Misc :
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Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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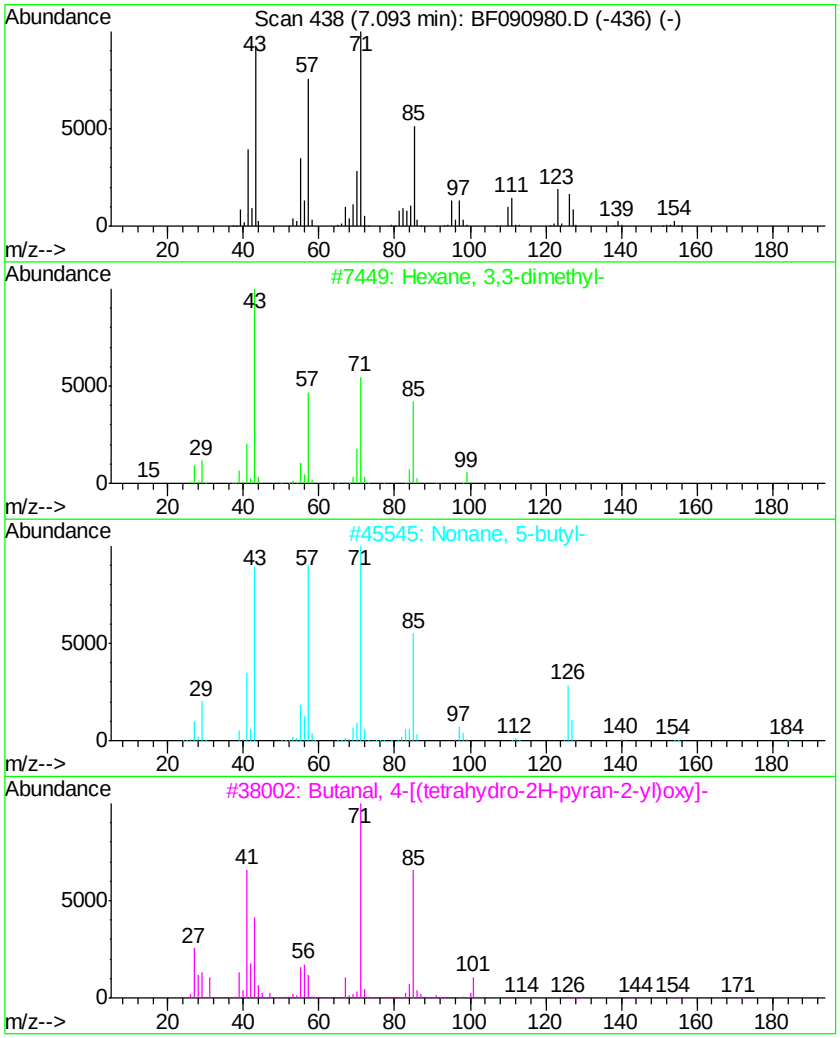
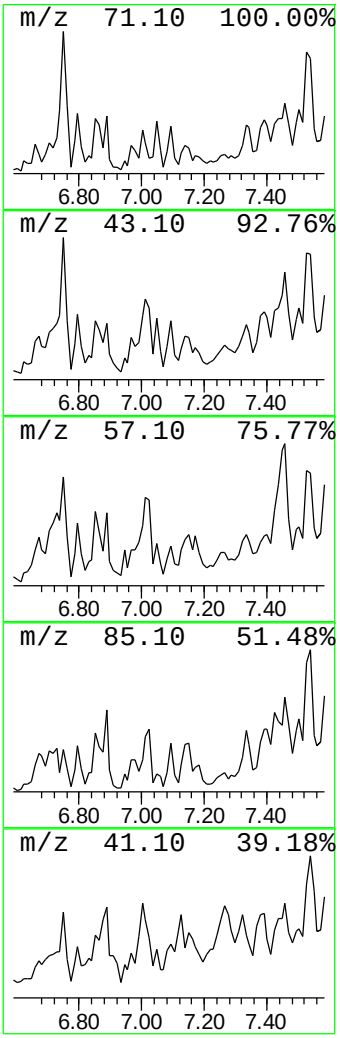
Peak Number 10 Hexane, 3,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	28.22 ng	1537170	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	58
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	53
3	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	47
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	38





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ClientSampleId : GW-73-7.6-14.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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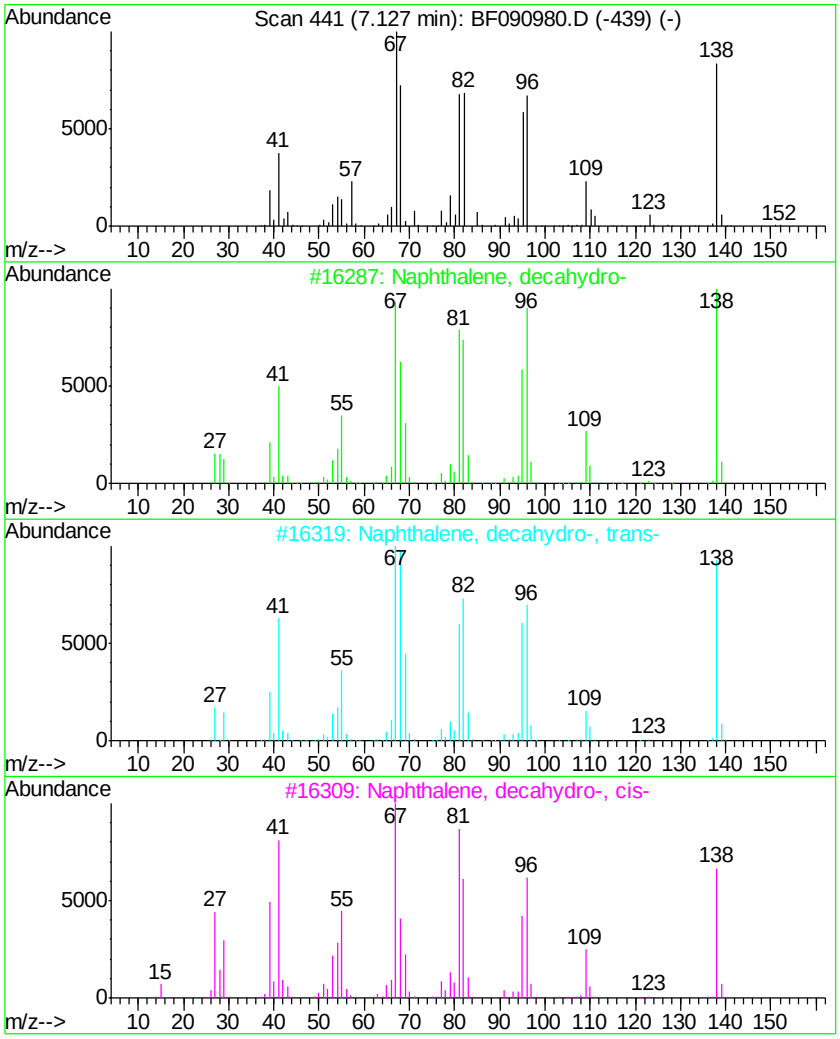
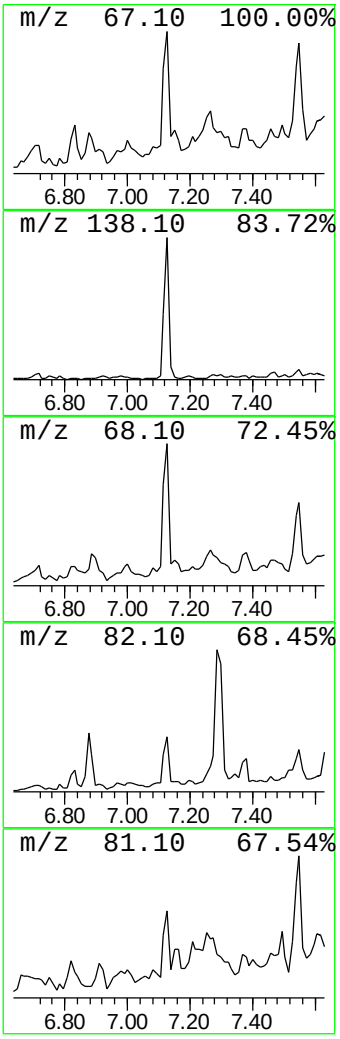
Peak Number 11 Naphthalene, decahydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	38.52 ng	2098310	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	91
4	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	72
5	Cyclopentanone, 2-(2-methylpropy...	138	C9H14O	016856-72-7	68





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ClientSampleId : GW-73-7.6-14.0

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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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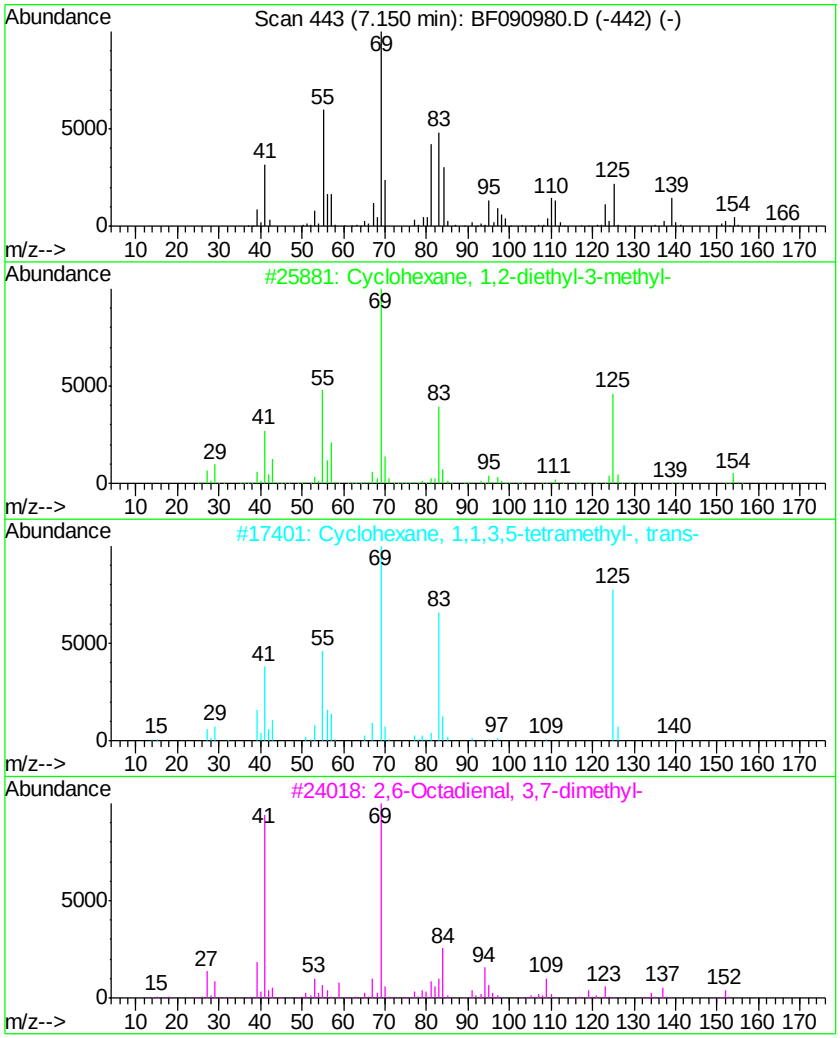
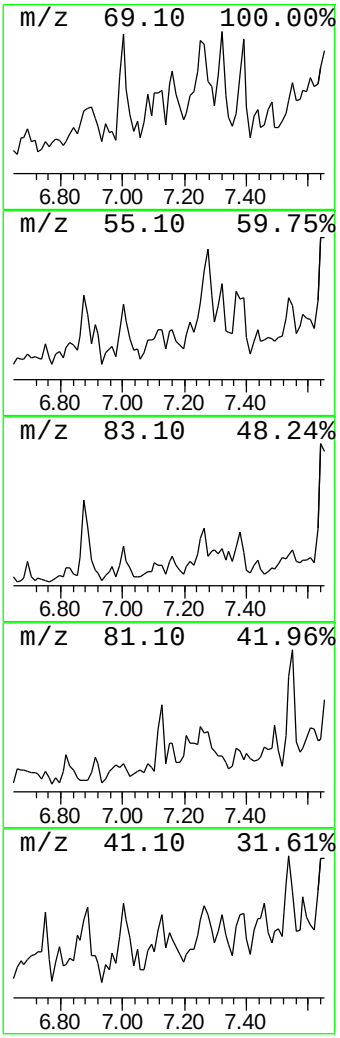
Peak Number 12 Cyclohexane, 1,2-diethyl-3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	33.54 ng	1826980	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	53
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	50
3	2,6-Octadienal, 3,7-dimethyl-	152	C10H16O	005392-40-5	43
4	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	43
5	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	38





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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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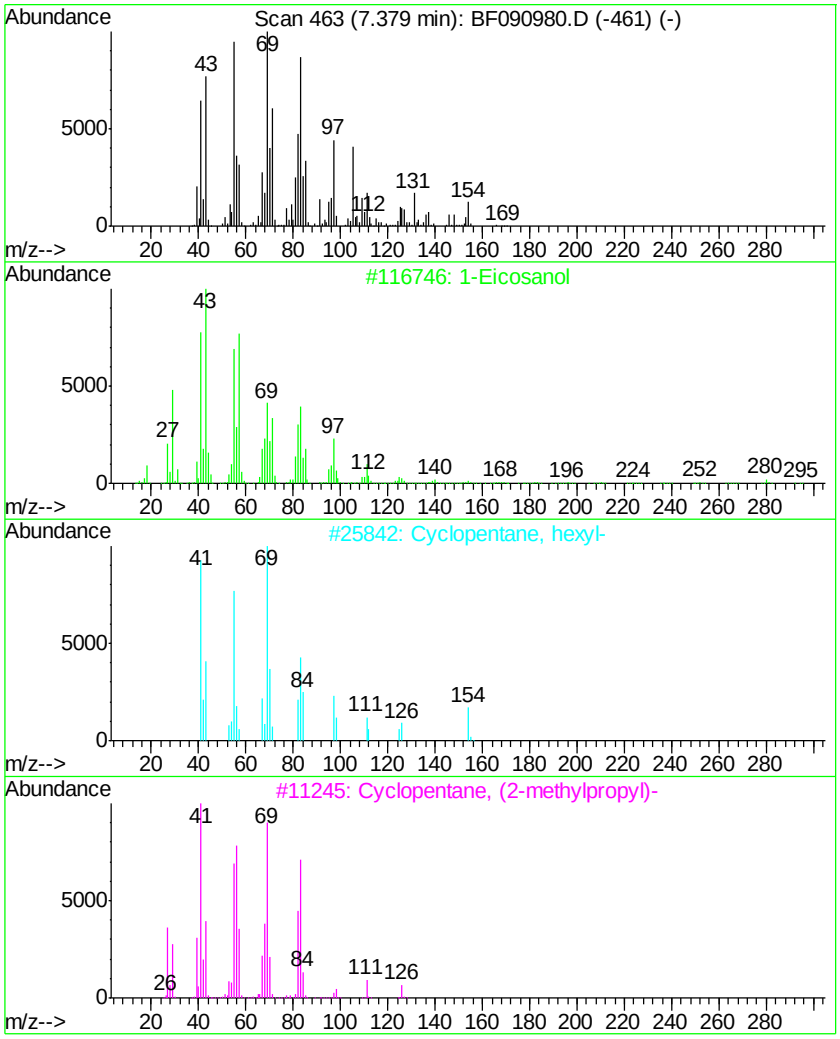
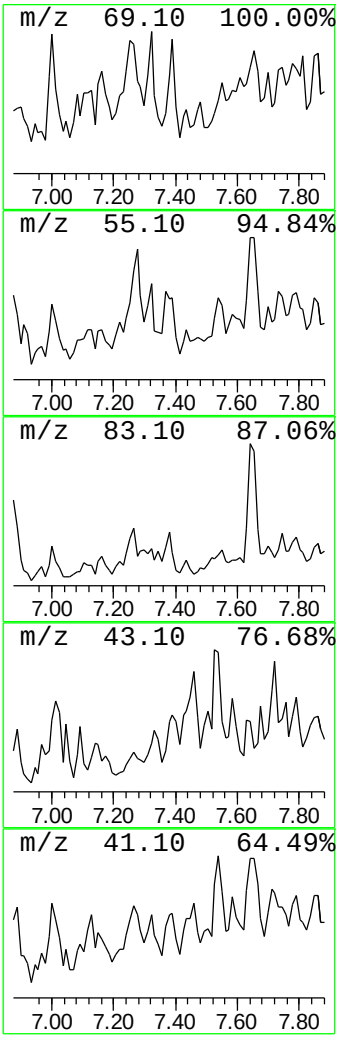
Peak Number 13 1-Eicosanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	33.82 ng	3756860	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosanol	298	C20H42O	000629-96-9	58
2	Cyclopentane, hexyl-	154	C11H22	004457-00-5	53
3	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	49
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	27
5	Phytol	296	C20H40O	000150-86-7	27





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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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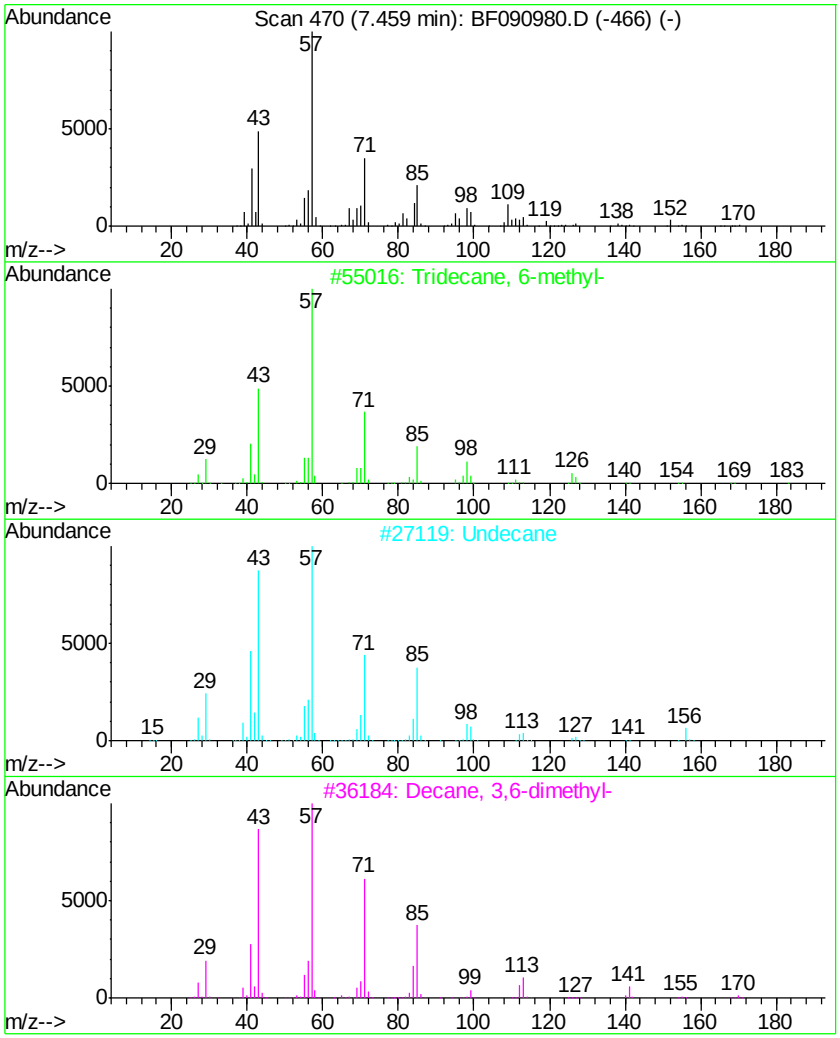
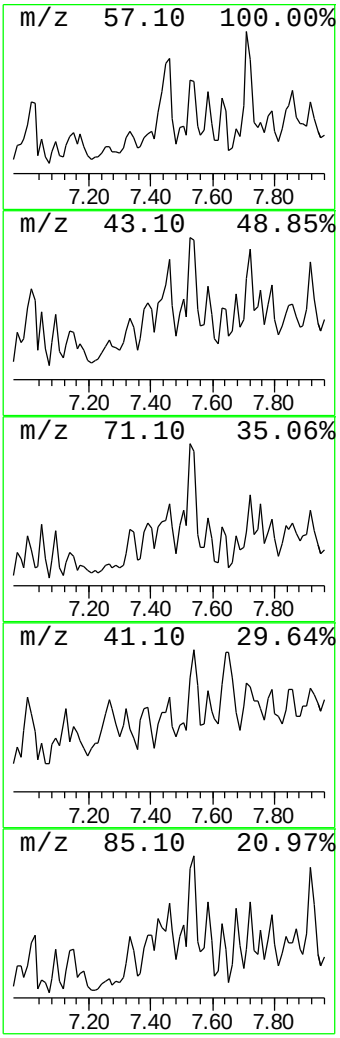
Peak Number 14 Tridecane, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	39.38 ng	4374800	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
2	Undecane	156	C11H24	001120-21-4	50
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	49
4	Octadecane	254	C18H38	000593-45-3	47
5	Decane, 5-methyl-	156	C11H24	013151-35-4	47





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Sample : H5491-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

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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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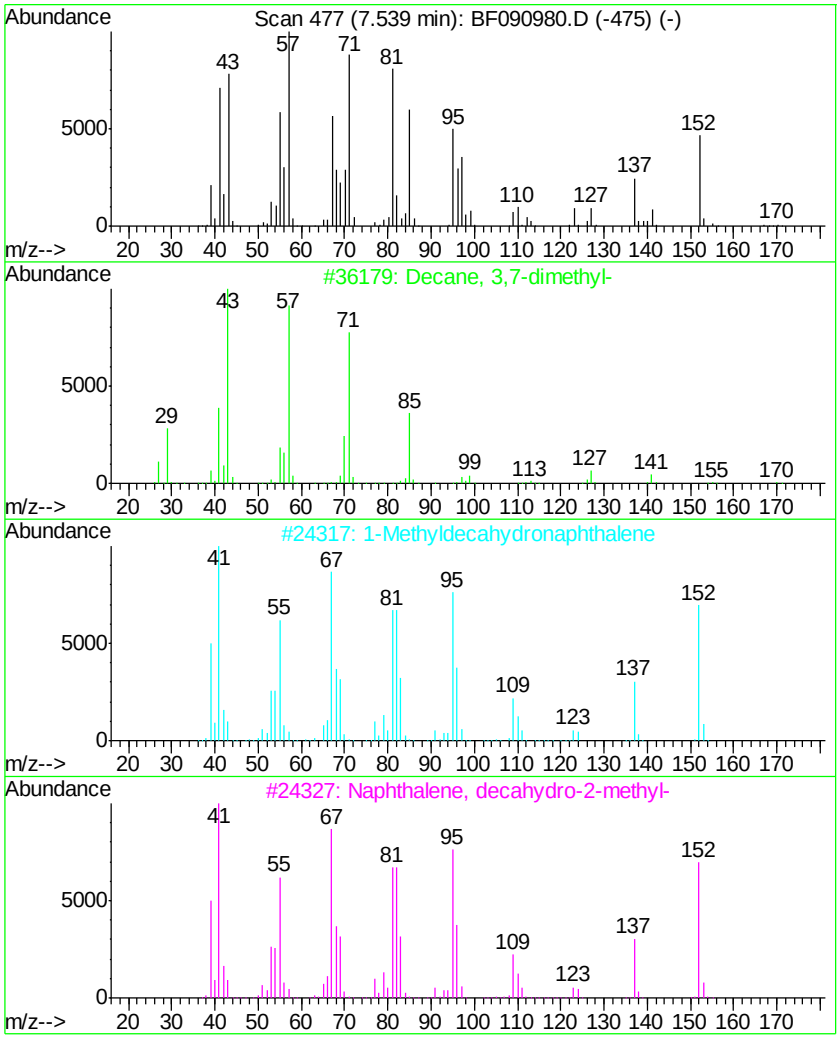
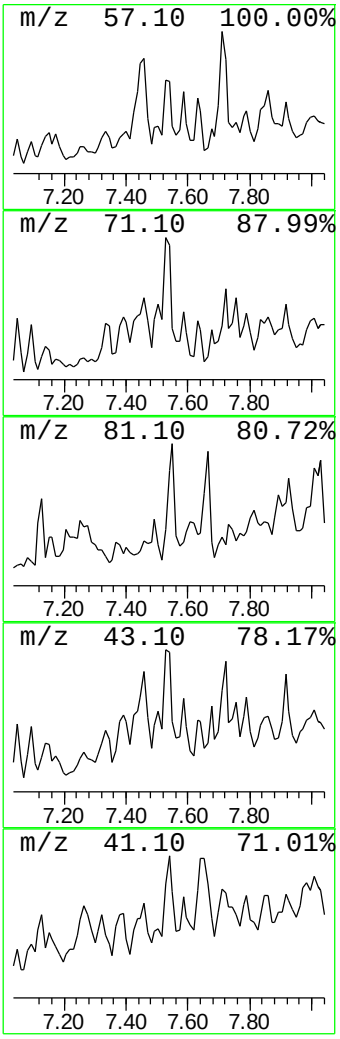
Peak Number 15 unknown7.54 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	39.24 ng	4358240	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	35
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	30
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	30
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	25
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	22





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Misc :
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Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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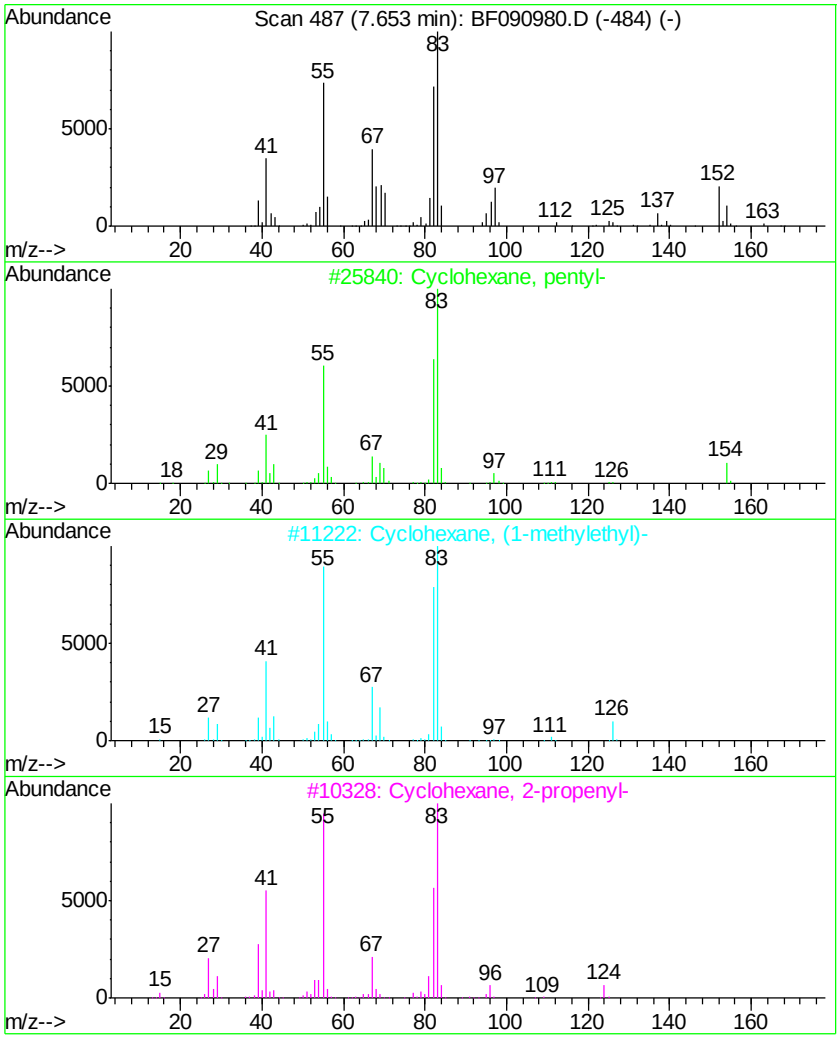
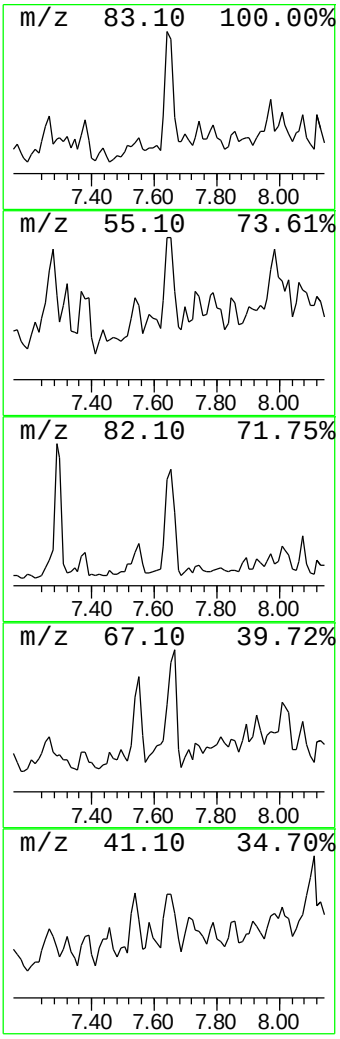
Peak Number 16 Cyclohexane, pentyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	57.19 ng	6352400	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	47





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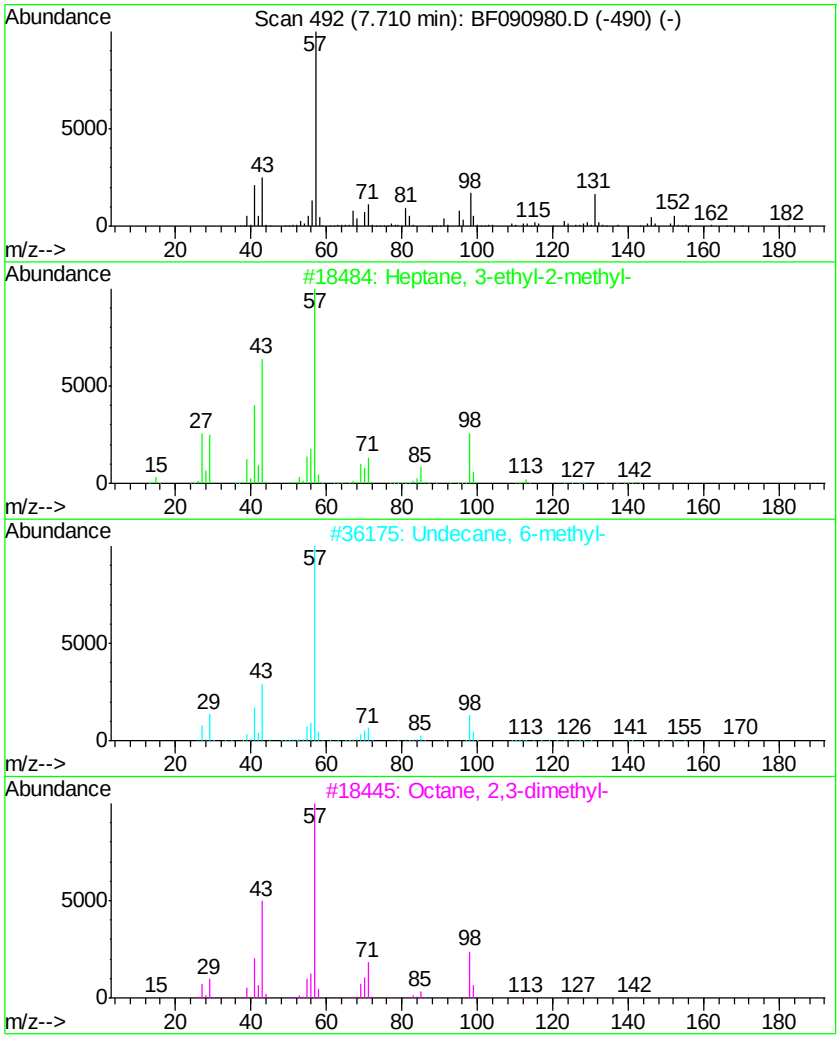
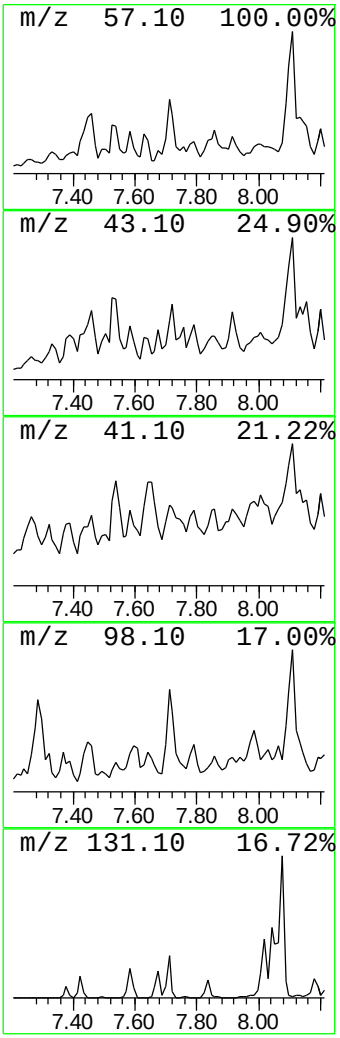
Peak Number 17 unknown7.71 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	39.03 ng	4335870	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	47
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38
4	Octane, 3-methyl-	128	C9H20	002216-33-3	35
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	32





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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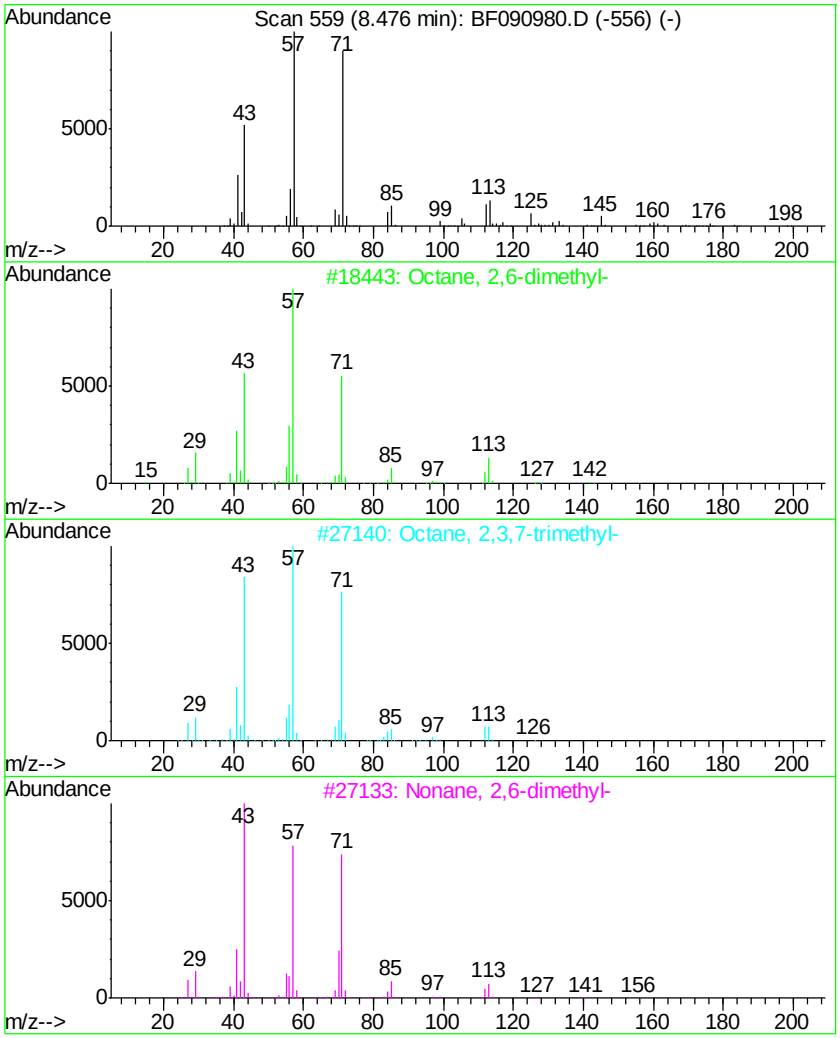
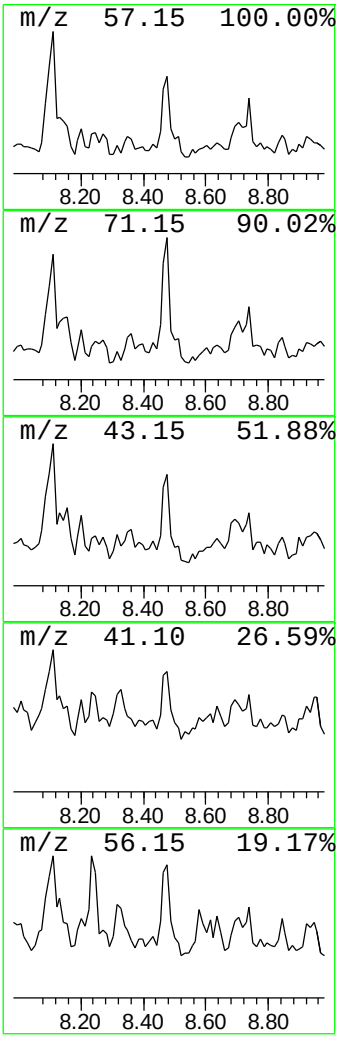
Peak Number 18 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	41.13 ng	4568600	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	78
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72





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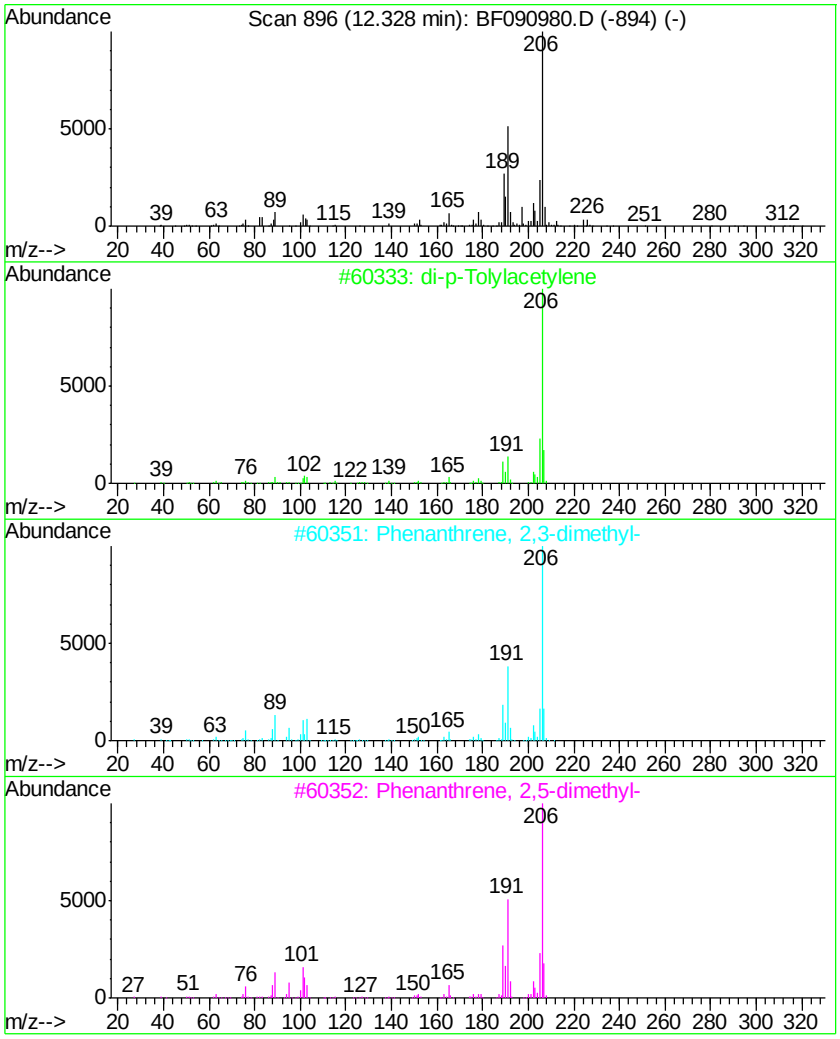
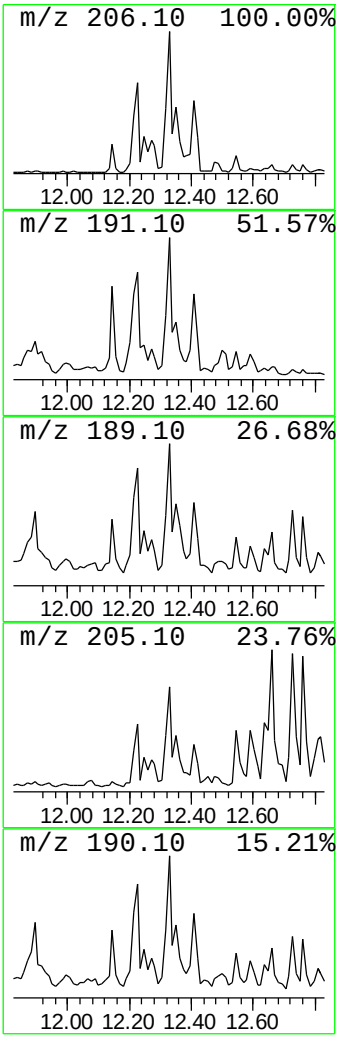
Peak Number 19 di-p-Tolylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	34.50 ng	4577580	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	72
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	72
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	62
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090980.D
Acq On : 2 Nov 2016 15:30
Operator : UM/SJ
Sample : H5491-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

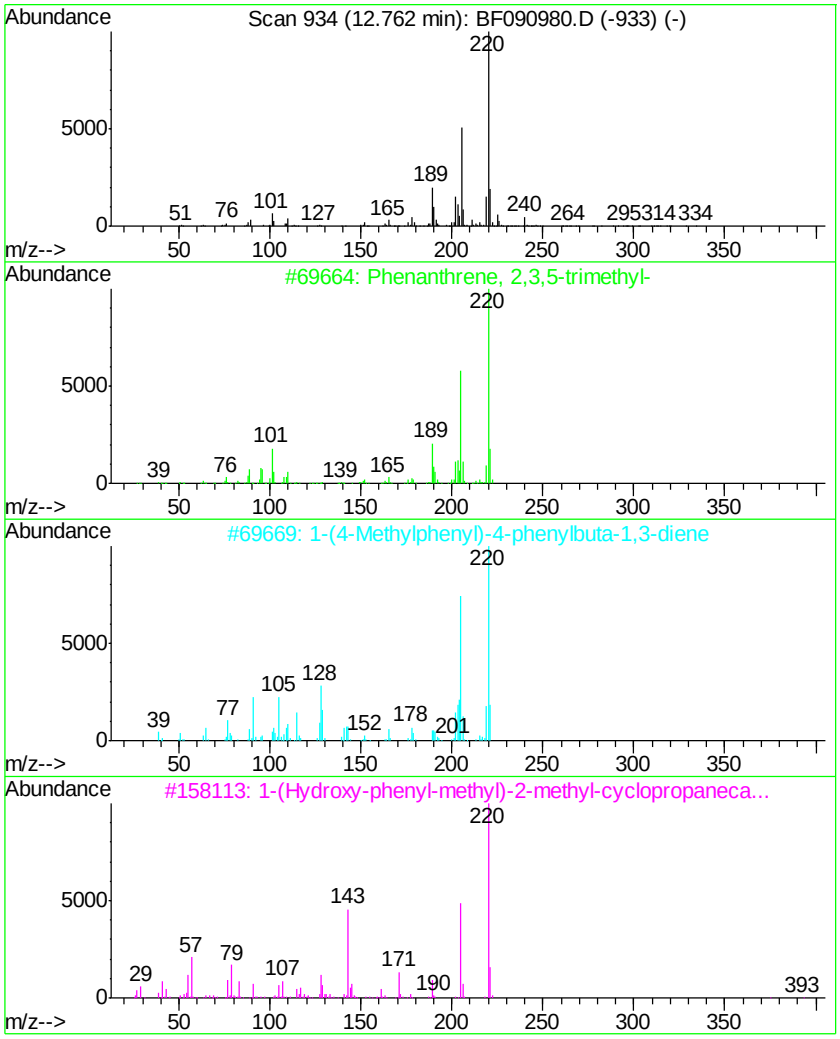
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

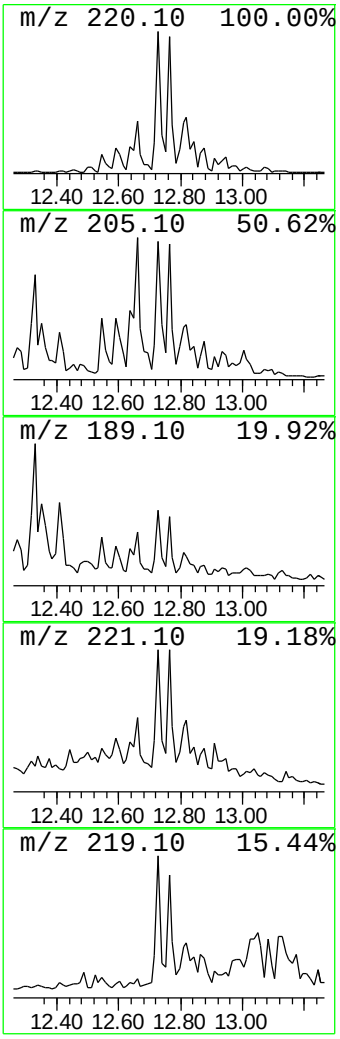
****

Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	28.47 ng	1665960	Chrysene-d12	13.88

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	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	59
4	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53
5	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090980.D
Acq On : 2 Nov 2016 15:30
Operator : UM/SJ
Sample : H5491-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-73-7.6-14.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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
2-Pentanone, 4-hy...	4.88	46.3	ng	2520480	1	6.73	1089410	20.0
unknown5.96	5.96	56.5	ng	3077000	1	6.73	1089410	20.0
Heptane, 3-ethyl-	6.02	30.4	ng	1657450	1	6.73	1089410	20.0
Undecane	6.16	35.1	ng	1913880	1	6.73	1089410	20.0
1-Hexene, 3,3,5-t...	6.25	46.3	ng	2520870	1	6.73	1089410	20.0
unknown6.49	6.49	126.8	ng	6905710	1	6.73	1089410	20.0
Heptane, 3-ethyl-...	6.80	31.6	ng	1721250	1	6.73	1089410	20.0
1-Ethyl-2,2,6-tri...	7.00	143.3	ng	7808140	1	6.73	1089410	20.0
Hexane, 3,3-dimet...	7.09	28.2	ng	1537170	1	6.73	1089410	20.0
Naphthalene, deca...	7.13	38.5	ng	2098310	1	6.73	1089410	20.0
Cyclohexane, 1,2-...	7.15	33.5	ng	1826980	1	6.73	1089410	20.0
1-Eicosanol	7.38	33.8	ng	3756860	2	8.02	2221590	20.0
Tridecane, 6-methyl-	7.46	39.4	ng	4374800	2	8.02	2221590	20.0
unknown7.54	7.54	39.2	ng	4358240	2	8.02	2221590	20.0
Cyclohexane, pentyl-	7.65	57.2	ng	6352400	2	8.02	2221590	20.0
unknown7.71	7.71	39.0	ng	4335870	2	8.02	2221590	20.0
Octane, 2,6-dimet...	8.48	41.1	ng	4568600	2	8.02	2221590	20.0
di-p-Tolylacetylene	12.33	34.5	ng	4577580	4	11.28	2653950	20.0
Phenanthrene, 2,3...	12.76	28.5	ng	1665960	5	13.88	1170510	20.0