LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

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-BF110316.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	4.544	248	250	252	rBV	75006	98185	1.05%	0.063%
2	4.647	256	259	262	rVB	127904	199771	2.14%	0.127%
3	4.704	262	264	265	rBV	147833	158471	1.70%	0.101%
4	4.738	265	267	274	rVB	794752	1224883	13.11%	0.780%
5	4.933	282	284	287	rBV	162132	286869	3.07%	0.183%
6	5.036	291	293	295	rBV	167224	265066	2.84%	0.169%
7	5.150	299	303	305	rBV2	442995	746152	7.99%	0.475%
8	5.196	305	307	316	rVB	3253378	3607936	38.63%	2.298%
9	5.321	316	318	321	rBV	205553	299537	3.21%	0.191%
10	5.367	321	322	324	rVB	251658	243702	2.61%	0.155%
11	5.413	324	326	331	rVB2	330049	491758	5.27%	0.313%
12	5.493	331	333	335	rBV	283084	394555	4.22%	0.251%
13	5.584	337	341	344	rBV2	295805	515779	5.52%	0.329%
14	5.653	344	347	351	rBV4	157624	503207	5.39%	0.321%
15	5.733	351	354	357	rVB	566807	865848	9.27%	0.552%
16	5.801	357	360	361	rBV	264088	434542	4.65%	0.277%
17	5.836	361	363	367	rBV2	1424099	2203631	23.59%	1.404%
18	5.904	367	369	372	rBV2	528097	1005558	10.77%	0.641%
19	6.041	377	381	384	rBV4	707769	1660921	17.78%	1.058%
20	6.121	384	388	390	rBV2	2227219	4313075	46.18%	2.748%
21	6.201	393	395	397	rBV2	1784450	2083486	22.31%	1.327%
22	6.270	397	401	405	rVB2	3322322	5516453	59.06%	3.514%
23	6.350	405	408	409	rBV	911090	1761057	18.86%	1.122%
24	6.384	409	411	413	rVB	2883897	3722051	39.85%	2.371%
25	6.441	413	416	420	rVB2	2491827	5580610	59.75%	3.555%
26	6.567	420	427	429	rBV2	1208335	2552063	27.33%	1.626%
27	6.613	429	431	432	rBV	1065041	1102665	11.81%	0.702%
28	6.636	432	433	435	rVB2	1795425	2417598	25.89%	1.540%
29	6.670	435	436	441	rVB3	1726433	2378122	25.46%	1.515%
30	6.773	441	445	449	rVB3	3544942	8137123	87.12%	5.184%
31	6.899	449	456	458	rBV3	3117282	8280656	88.66%	5.275%
32	6.944	458	460	462	rBV	3176758	4160240	44.54%	2.650%
33	7.013	464	466	470	rVB3	2191872	4237065	45.37%	2.699%
34	7.116	470	475	476	rBV2	1961340	4266941	45.69%	2.718%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.162	476	479	480	rBV2	2232154	3156337	33.80%	2.011%
36	7.242	484	486	487	rBV	1035996	1333053	14.27%	0.849%
37	7.276	487	489	491	rVB3	2486757	3845114	41.17%	2.450%
38	7.310	491	492	494	rBV2	1167747	2106029	22.55%	1.342%
39	7.344	494	495	497	rVB2	1801990	2053870	21.99%	1.308%
40	7.402	497	500	501	rBV3	1511255	2880343	30.84%	1.835%
41	7.424	501	502	505	rVB	3368600	4369280	46.78%	2.783%
42	7.482	505	507	509	rBV3	790951	1591194	17.04%	1.014%
43	7.539	509	512	514	rBV3	2692175	6416524	68.70%	4.088%
44	7.573	514	515	517	rVB2	1121888	1323119	14.17%	0.843%
45	7.653	519	522	523	rBV2	1793181	2873553	30.77%	1.831%
46	7.687	523	525	527	rVB3	2338235	3289535	35.22%	2.096%
47	7.745	527	530	532	rBV3	2385577	5285968	56.60%	3.367%
48	7.790	532	534	535	rBV	1163113	1623544	17.38%	1.034%
49	7.905	538	544	546	rBV7	2699944	9339634	100.00%	5.950%
50	7.996	551	552	555	rVV2	1609480	2272316	24.33%	1.448%
51	8.110	558	562	565	rBV3	1912283	5462808	58.49%	3.480%
52	8.362	582	584	588	rBV3	874304	1670778	17.89%	1.064%
53	8.430	588	590	591	rVV	940447	1115673	11.95%	0.711%
54	10.225	745	747	748	rBV2	801166	925843	9.91%	0.590%
55	11.665	871	873	874	rBV	771524	991234	10.61%	0.631%
56	11.768	880	882	887	rVB4	1351202	3367864	36.06%	2.145%
57	12.134	912	914	917	rVB2	1332198	2493006	26.69%	1.588%
58	12.202	918	920	922	rBV	1675931	2414160	25.85%	1.538%
59	12.602	954	955	957	rVB2	833253	1134523	12.15%	0.723%
60	12.648	957	959	960	rBV	842024	1066953	11.42%	0.680%
61	12.728	964	966	968	rBV	2893837	3165139	33.89%	2.016%
62	13.162	1002	1004	1007	rVB2	314940	449603	4.81%	0.286%
63	13.619	1043	1044	1049	rVB3	277865	426604	4.57%	0.272%
64	13.757	1055	1056	1068	rVB	938506	1782287	19.08%	1.135%
65	15.128	1173	1176	1184	rVB	637571	1033111	11.06%	0.658%

Sum of corrected areas: 156974575

LSC Report - Integrated Chromatogram

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Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
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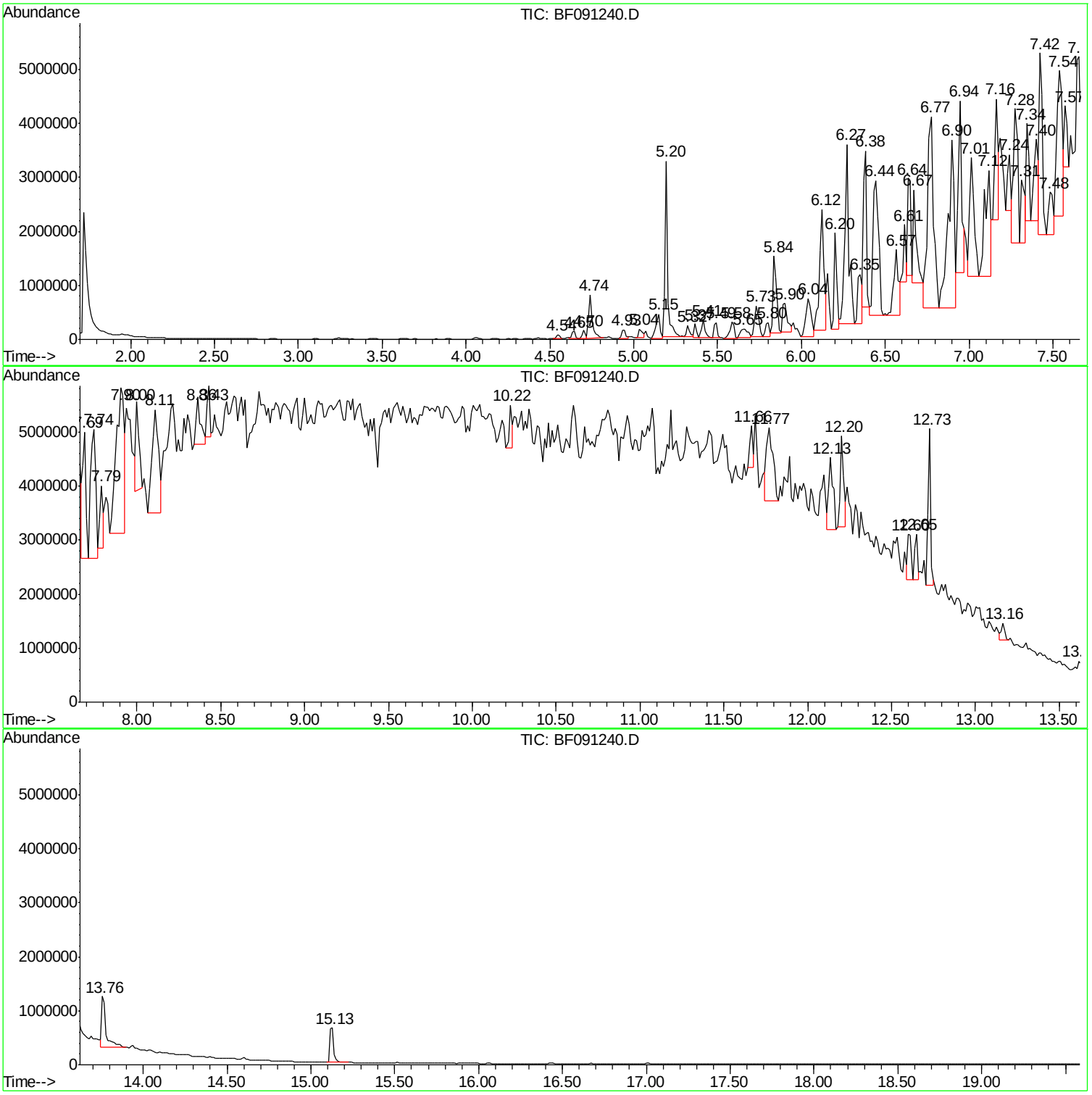
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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\BF111816\
Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

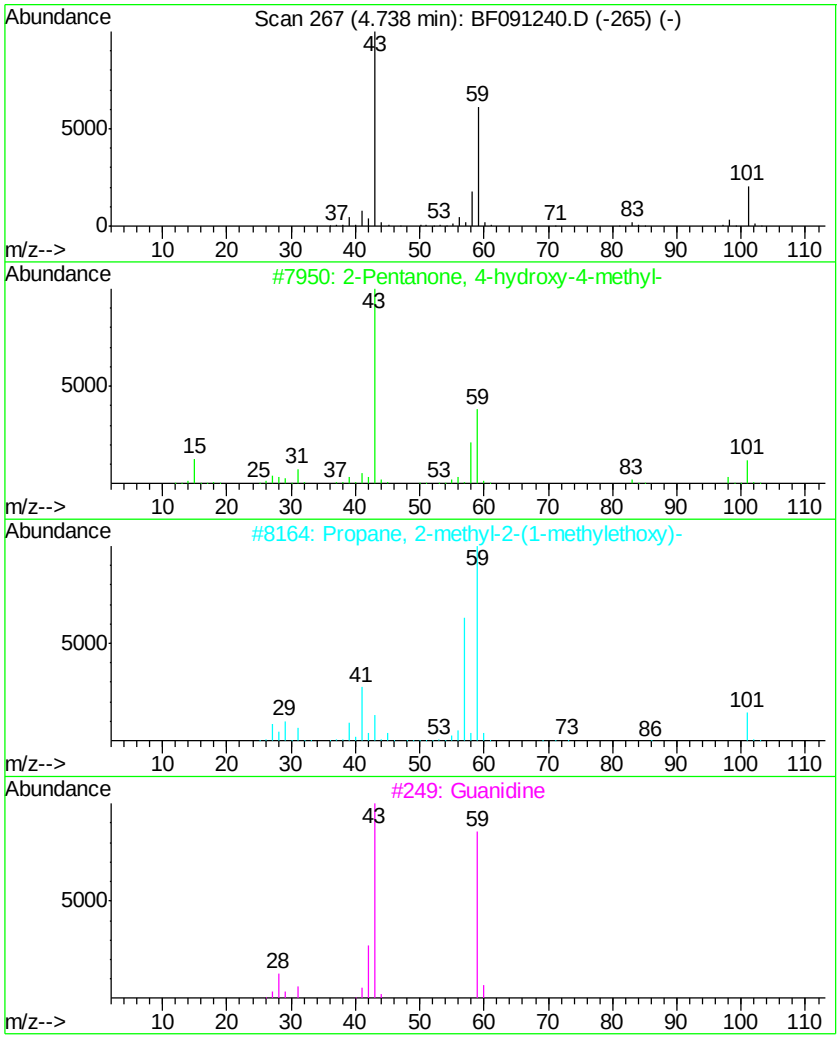
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

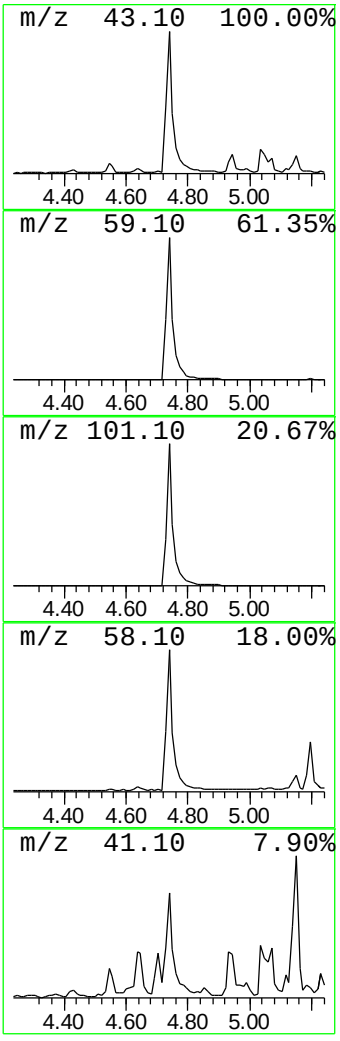
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	22.22 ng	1224880	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Guanidine	59	CH5N3	000113-00-8	9
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

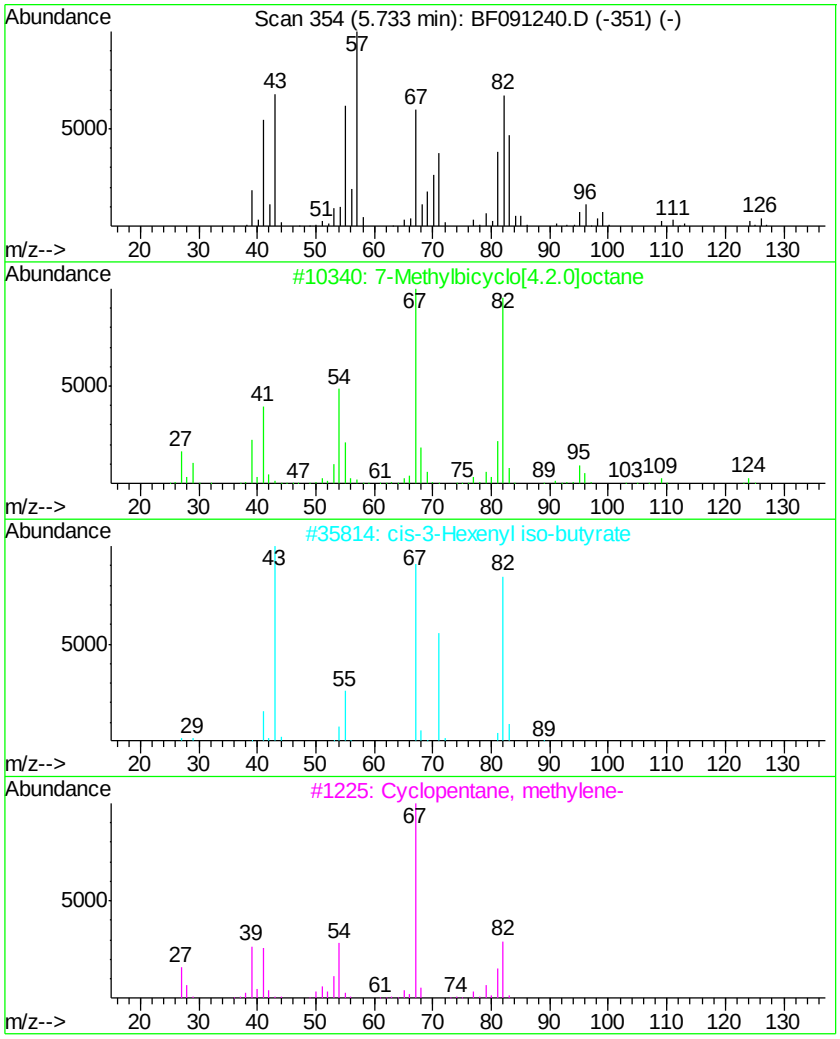
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

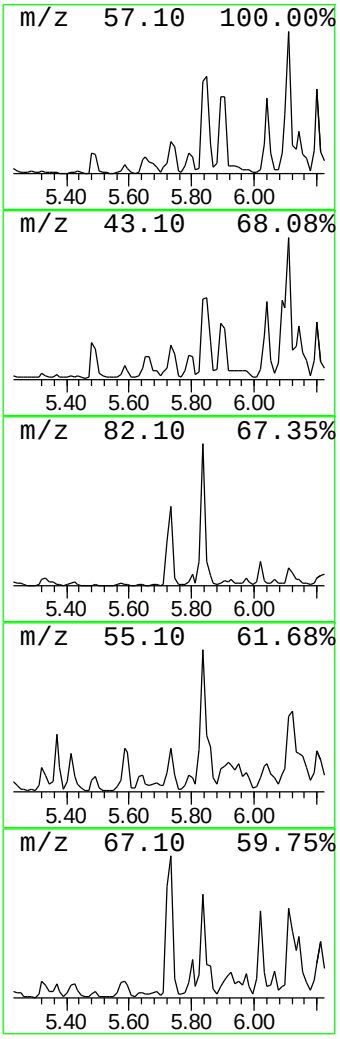
****

Peak Number 2 unknown5.73 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	15.70 ng	865848	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	42
2	cis-3-Hexenyl iso-butyrate	170	C10H18O2	041519-23-7	35
3	Cyclopentane, methylene-	82	C6H10	001528-30-9	25
4	Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	22
5	3-Hexen-1-ol, acetate, (E)-	142	C8H14O2	003681-82-1	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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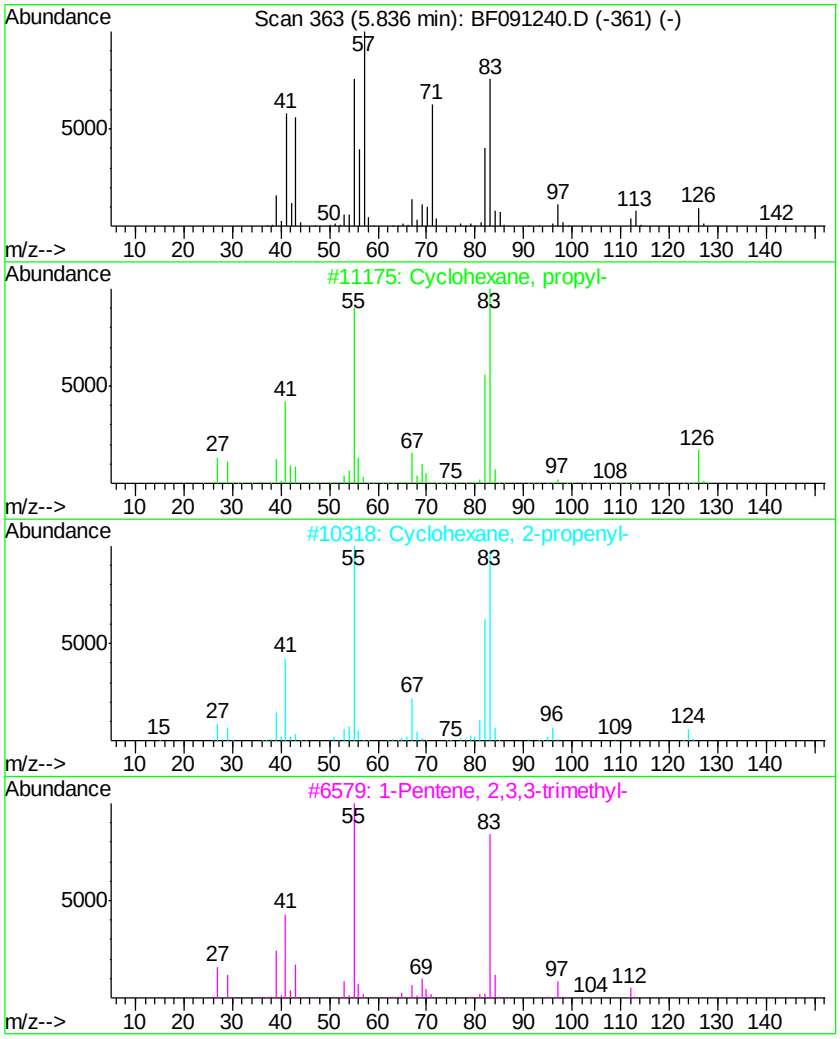
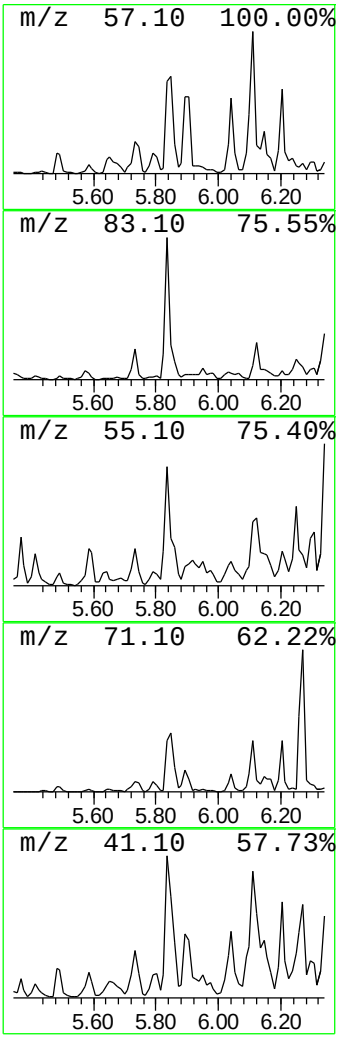
Peak Number 3 Cyclohexane, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	39.97 ng	2203630	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	55
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
3	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	38
4	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	30
5	Cyclopentane, 1-acetyl-1,2-epoxy-	126	C7H10O2	015121-02-5	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
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Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

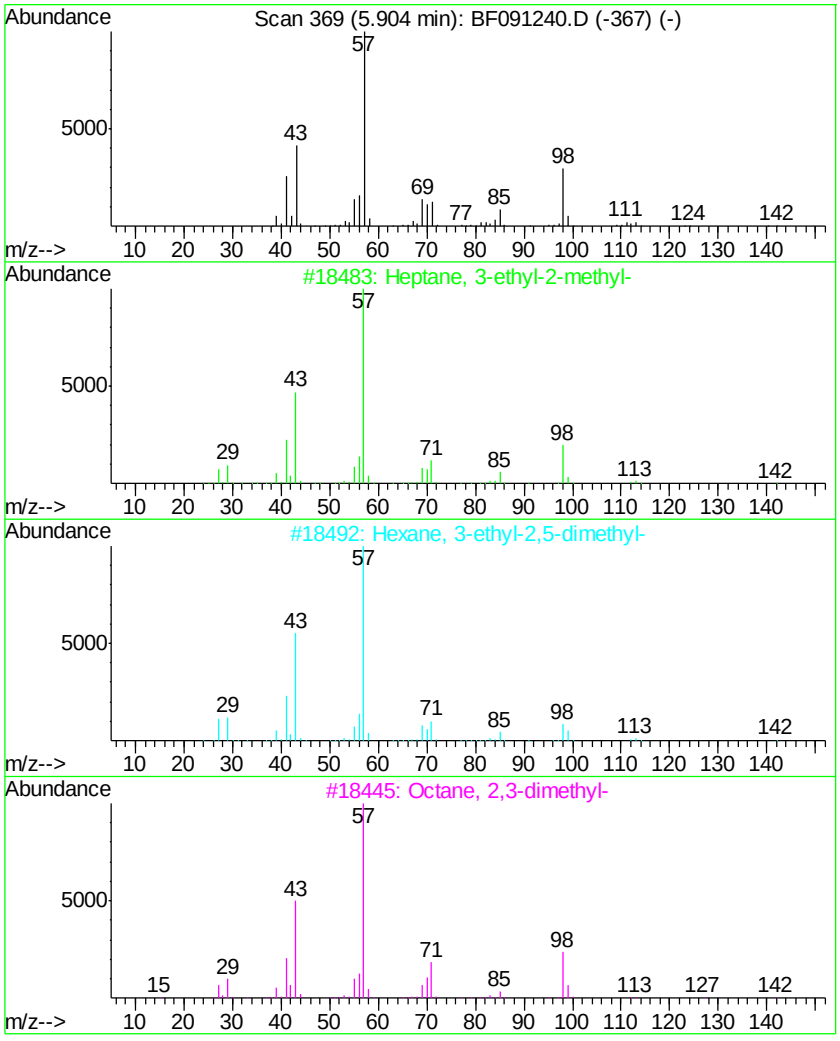
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

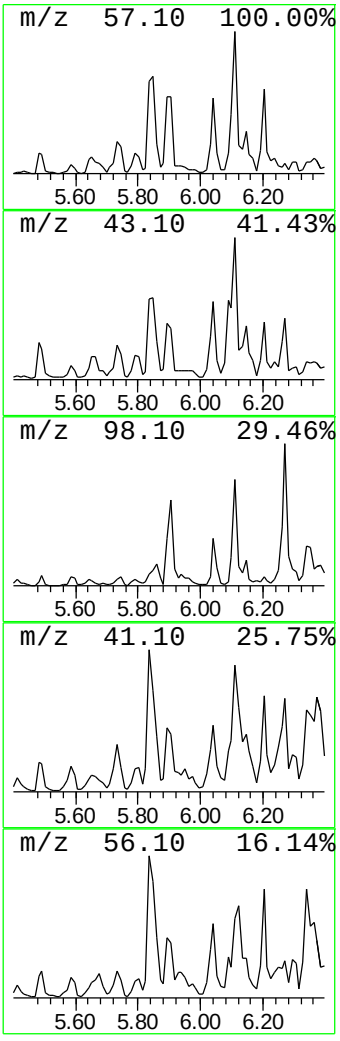
****

Peak Number 4 Heptane, 3-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	18.24 ng	1005560	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
2	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	81
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	68
4	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

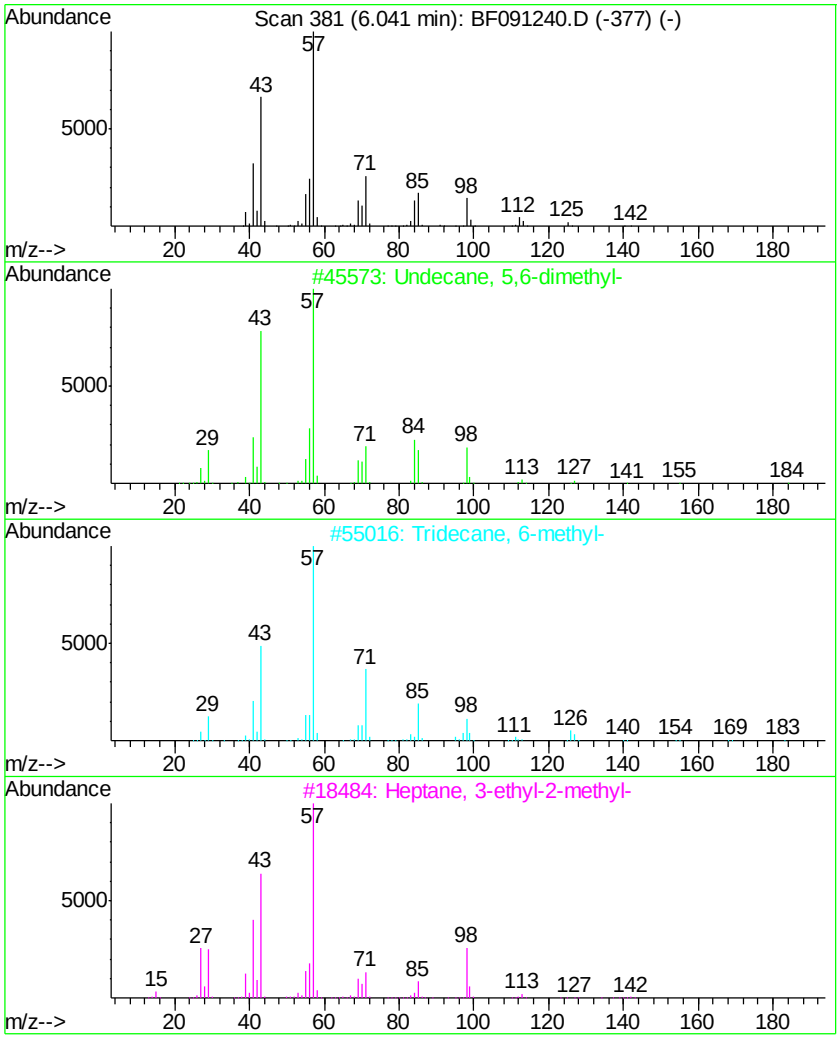
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

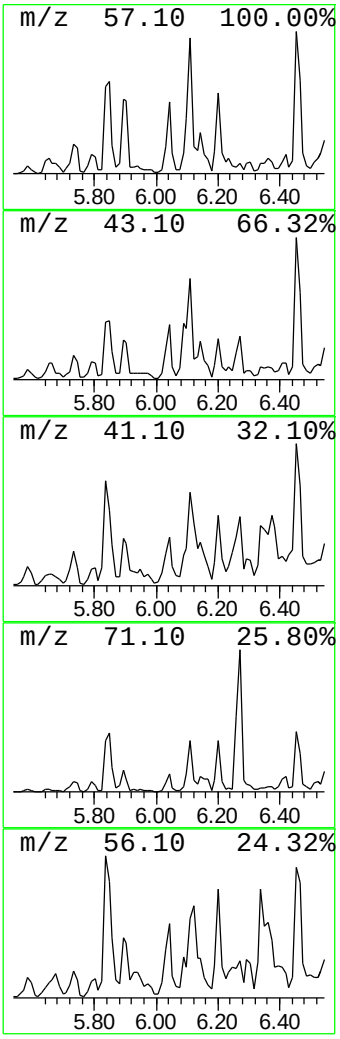
****

Peak Number 5 Undecane, 5,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	30.13 ng	1660920	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	59
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

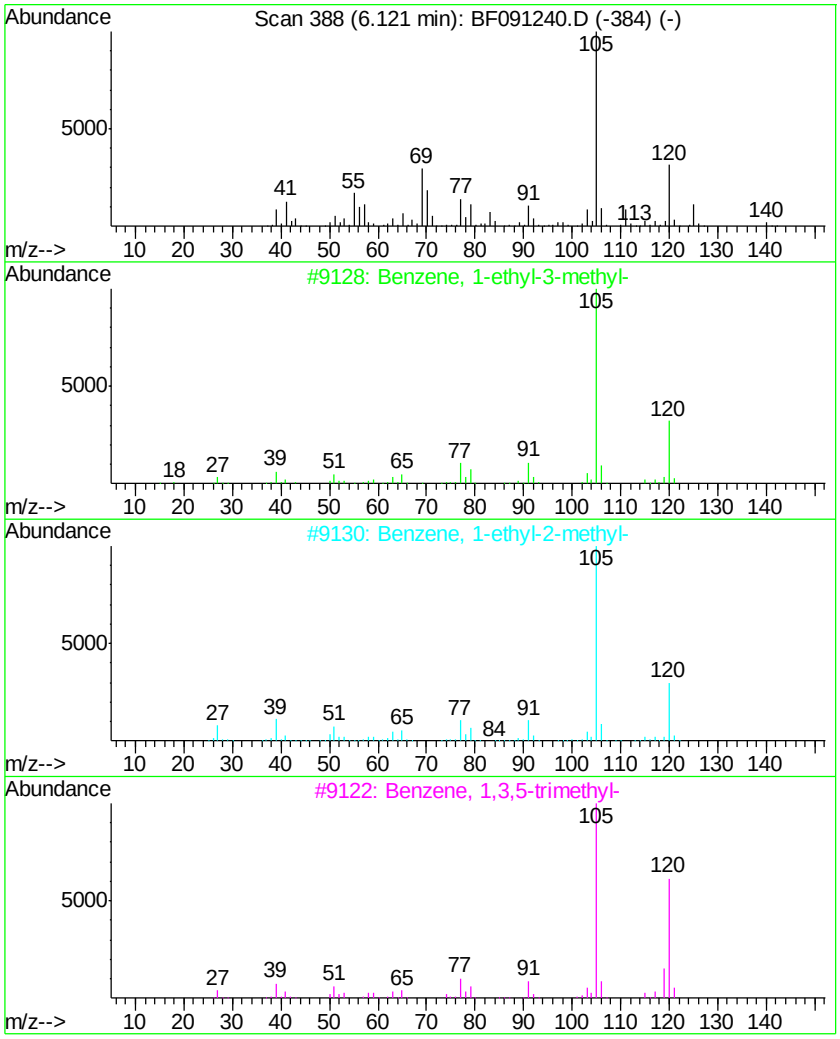
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

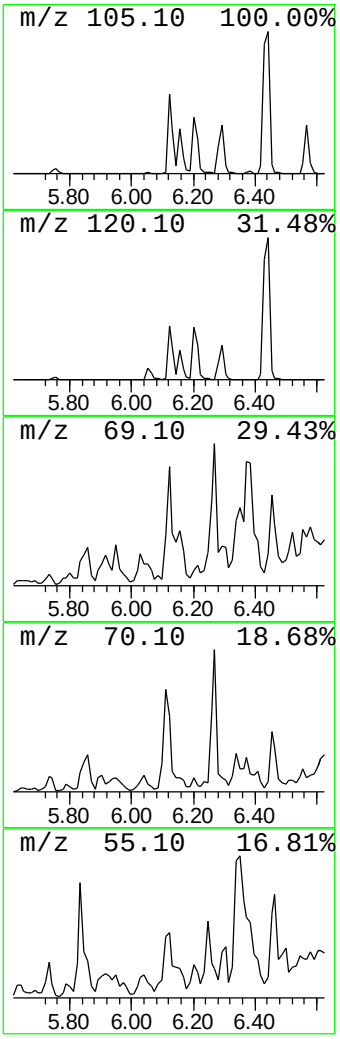
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	78.23 ng	4313080	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

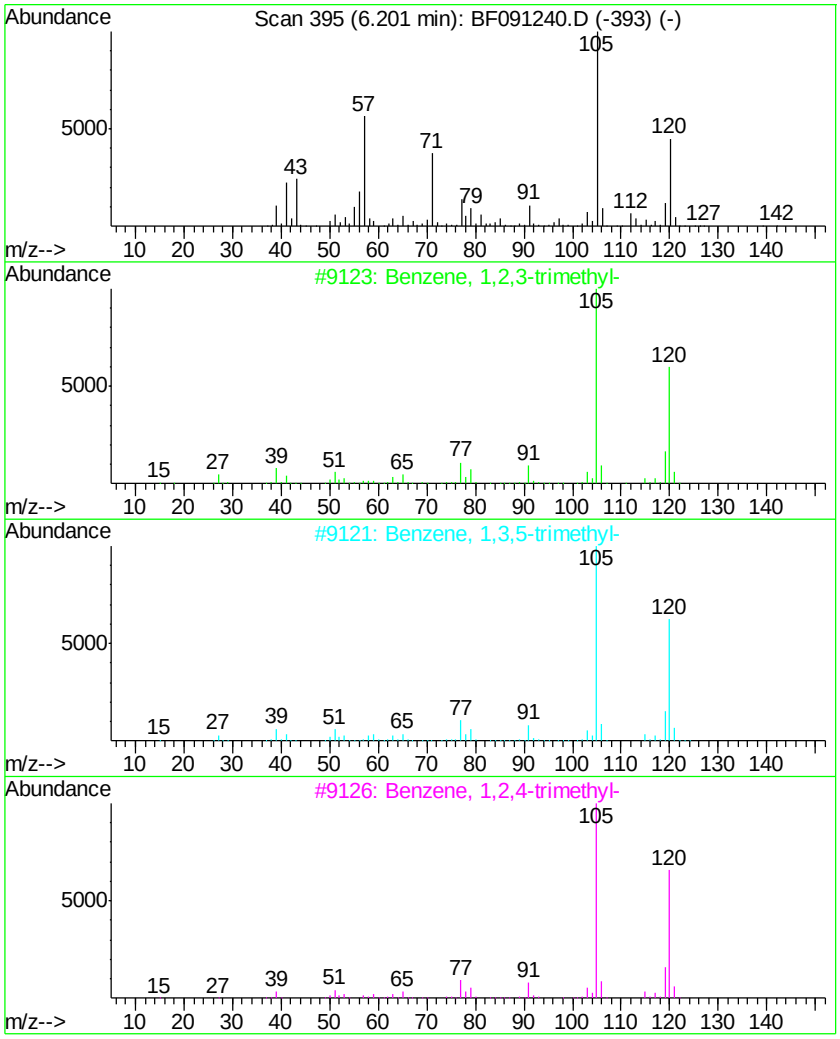
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

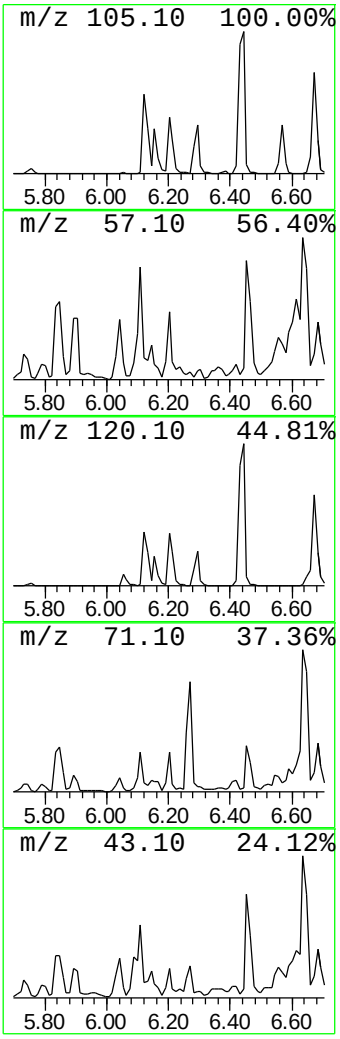
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	37.79 ng	2083490	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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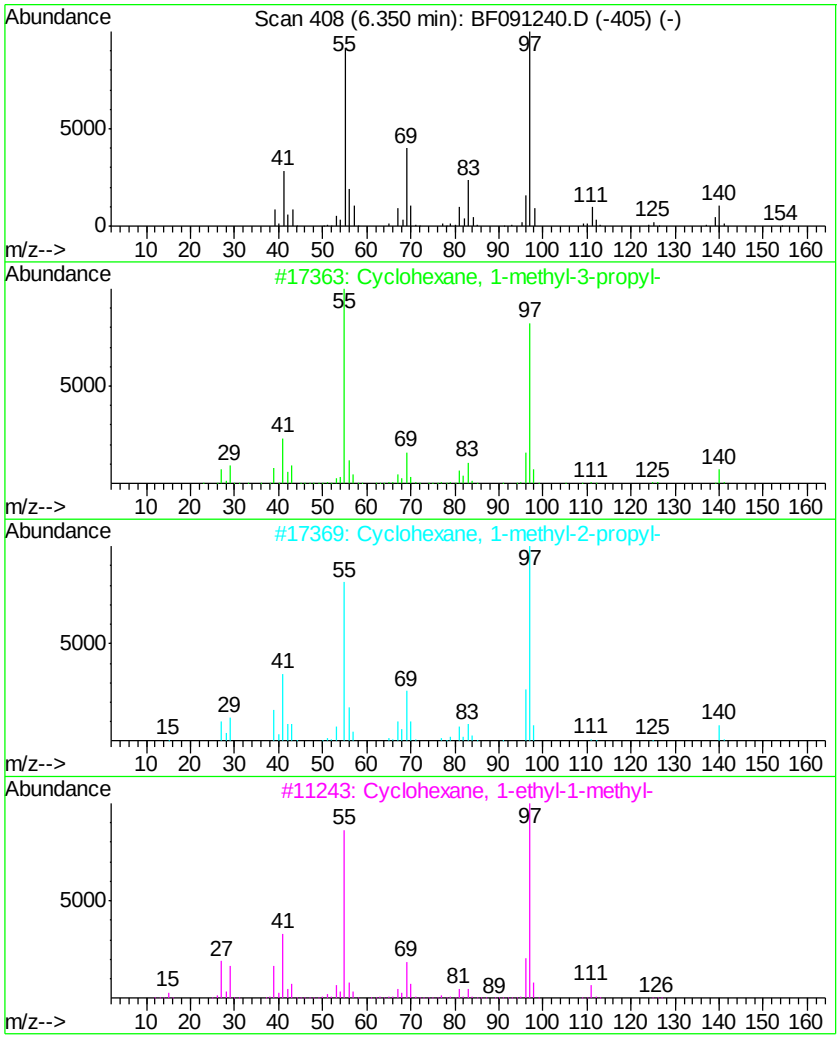
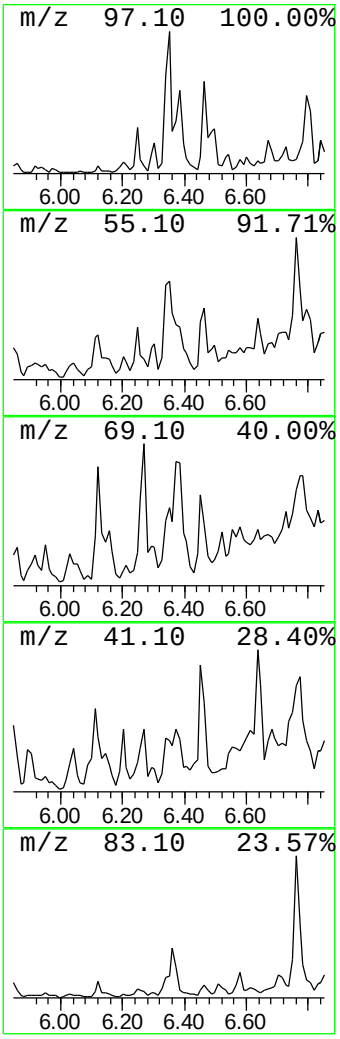
Peak Number 8 Cyclohexane, 1-methyl-3-pro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	31.94 ng	1761060	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	80
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	74
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	60
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	59





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Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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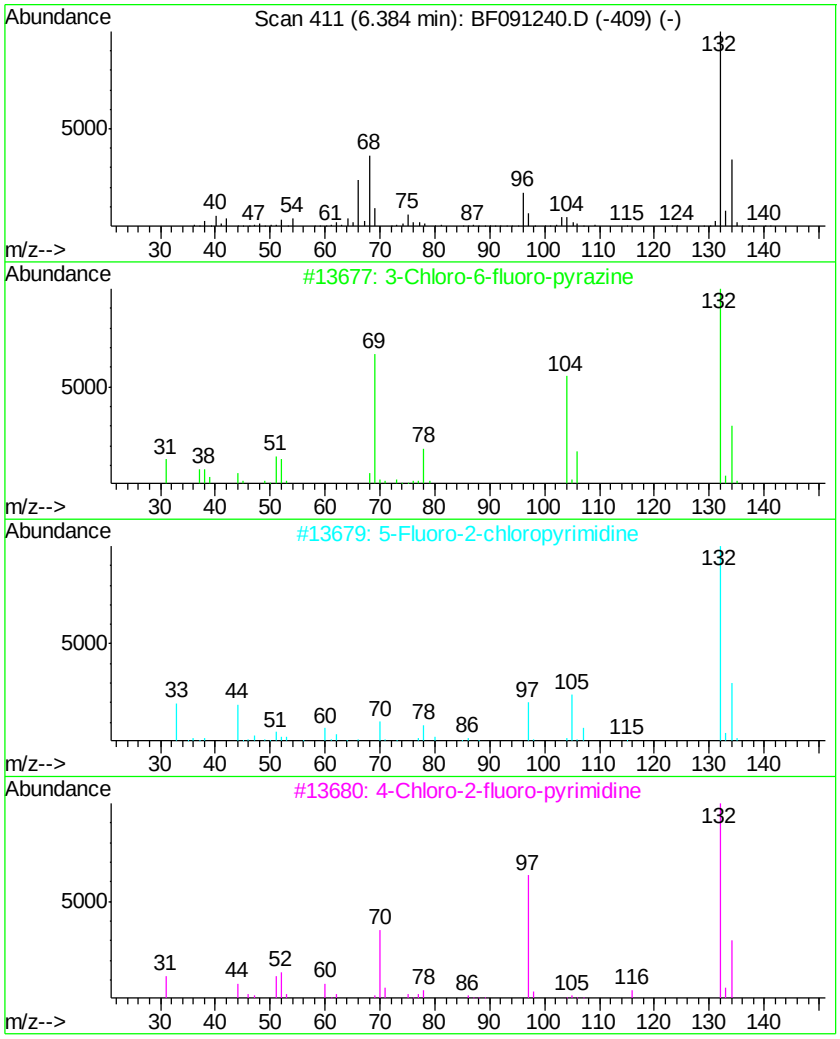
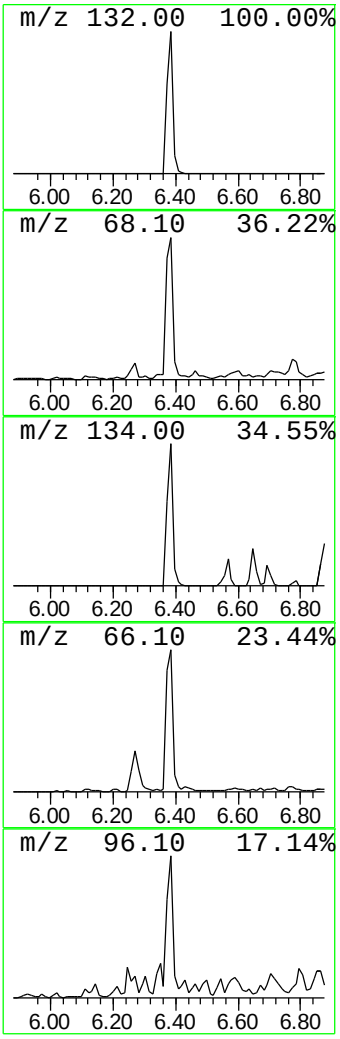
Peak Number 9 unknown6.38 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	67.51 ng	3722050	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	3H-1,2-Dithiol-3-one, 4-methyl-	132	C4H4OS2	003620-10-8	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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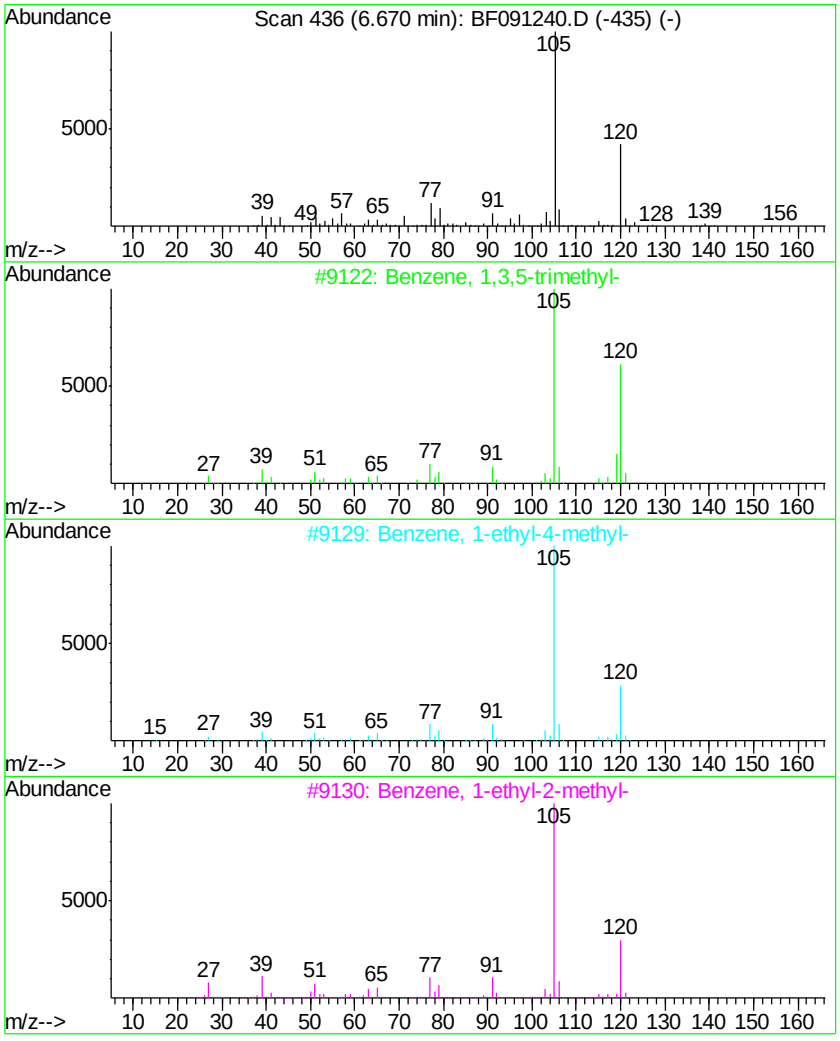
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

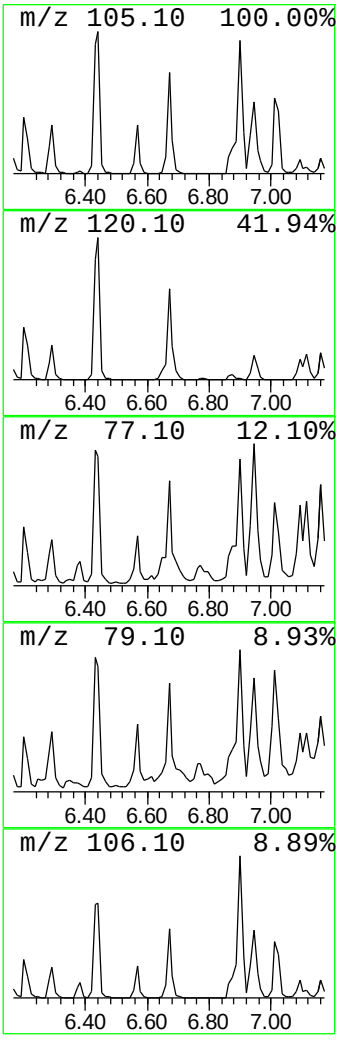
****

Peak Number 11 Benzene, 1,3,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	43.13 ng	2378120	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	83
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	80
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

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

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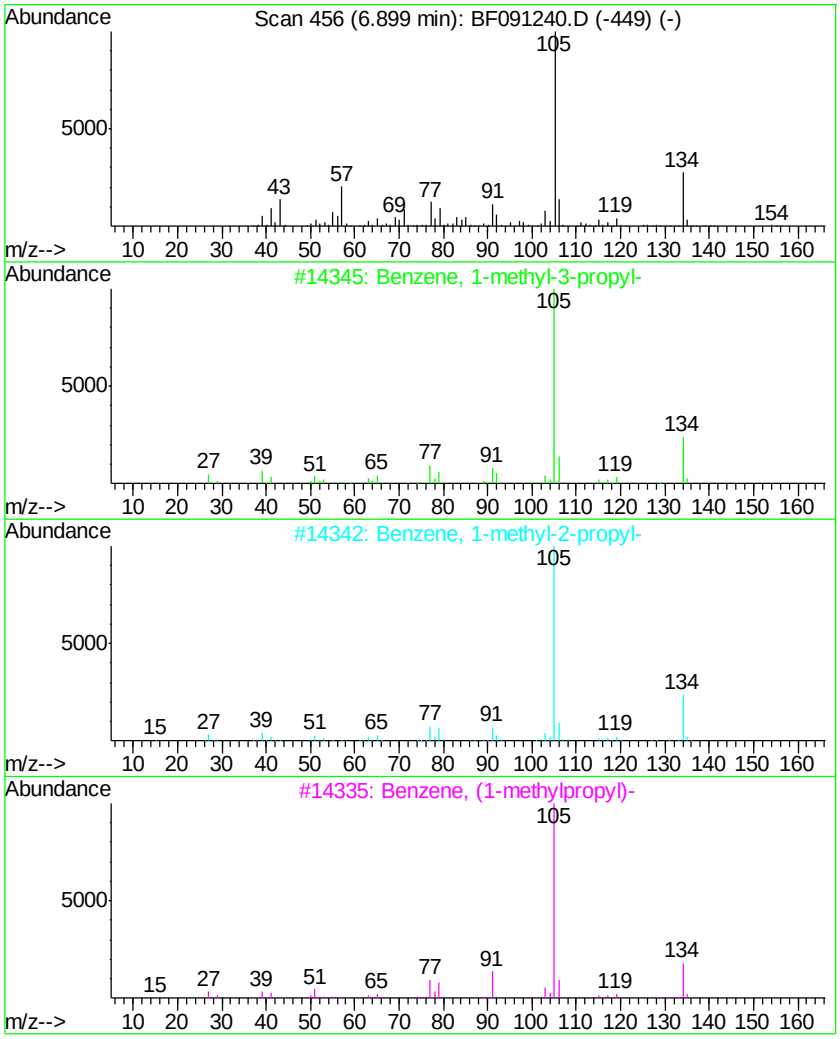
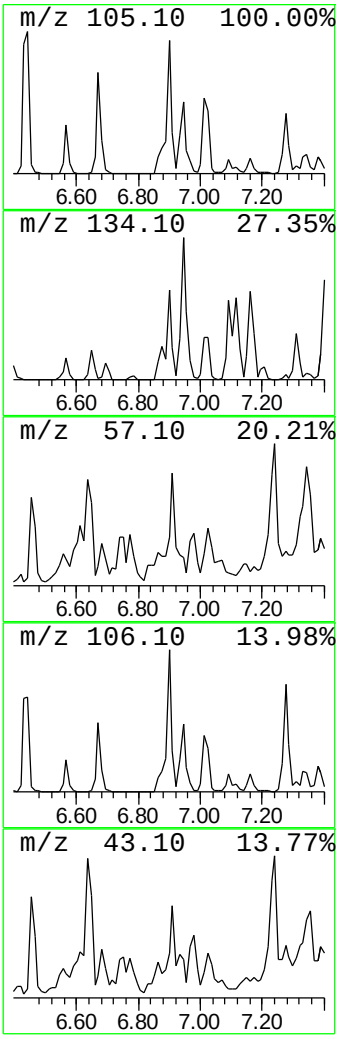
Peak Number 13 Benzene, 1-methyl-3-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	150.19 ng	8280660	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5	2-Tolyloxirane	134	C9H10O	002783-26-8	83





Library Search Compound Report

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Acq On : 18 Nov 2016 18:34
Operator : UM/SJ
Sample : H5711-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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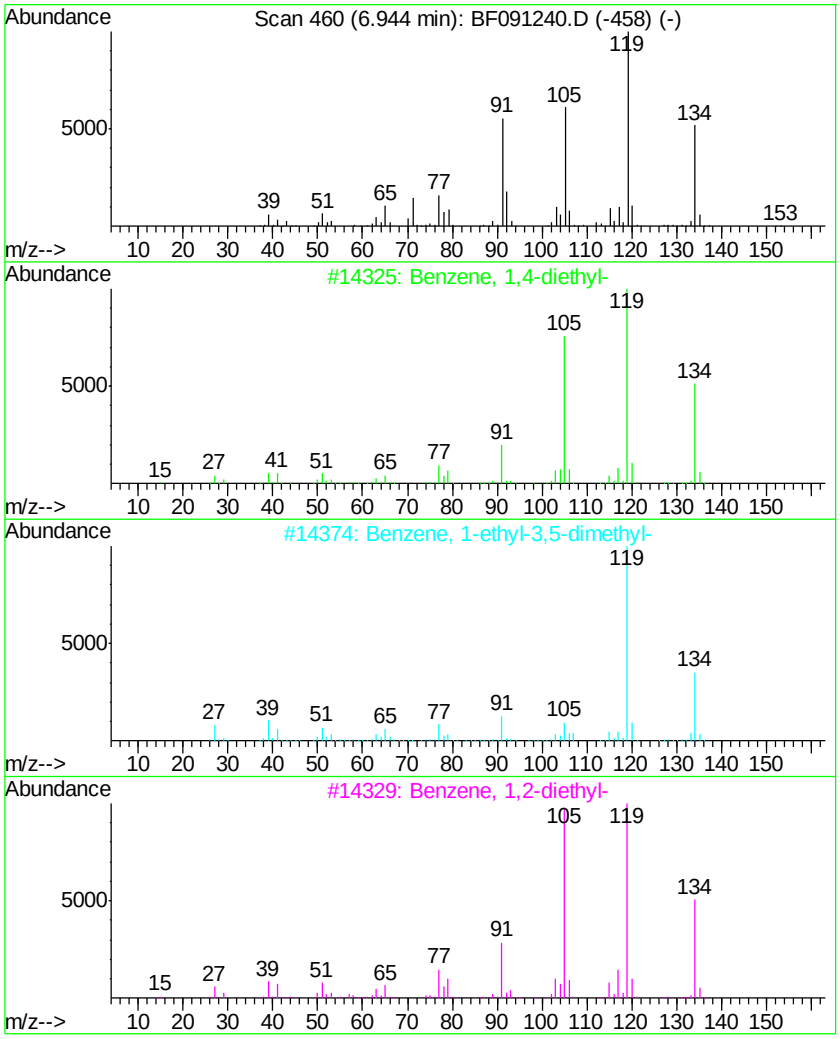
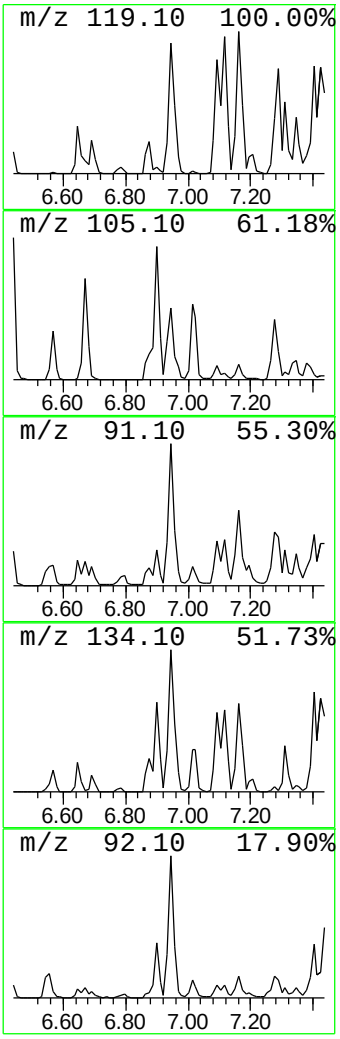
Peak Number 14 Benzene, 1,4-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	75.46 ng	4160240	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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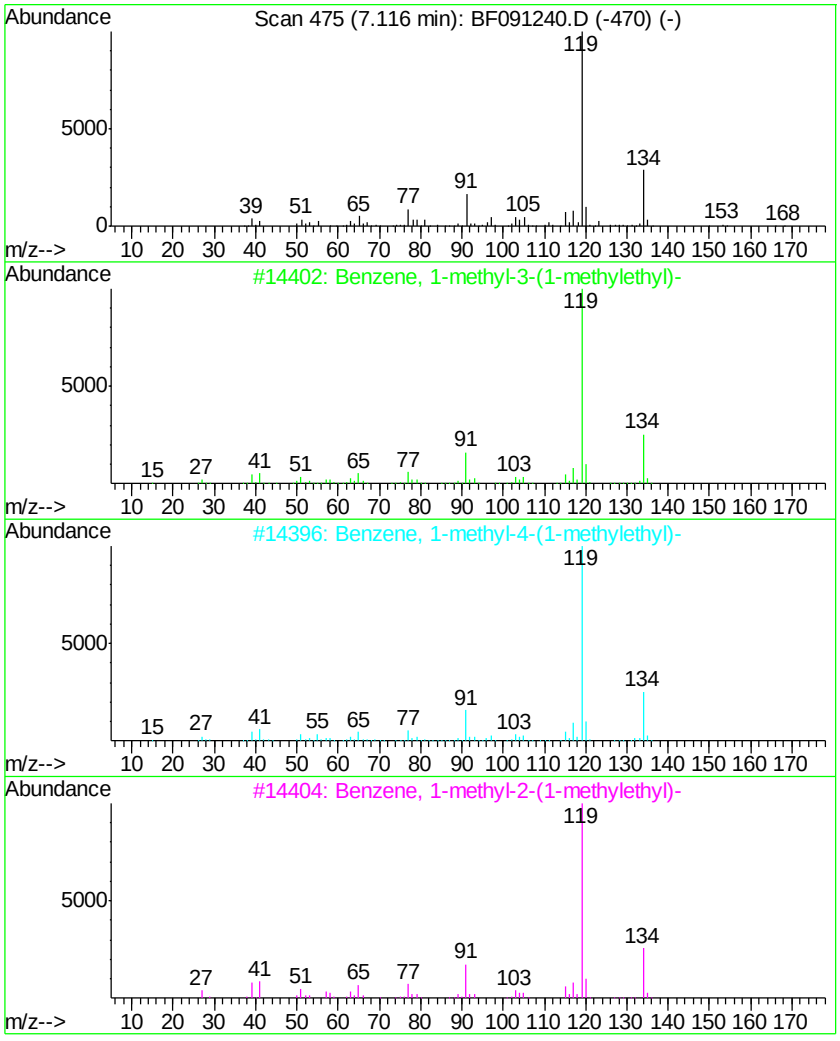
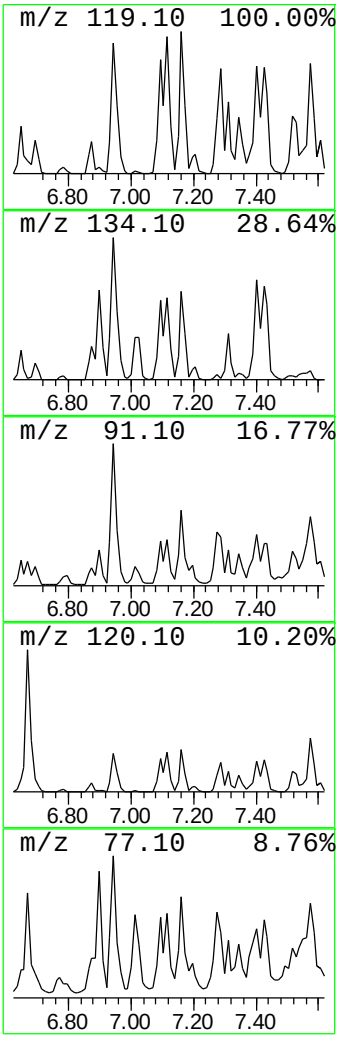
Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	77.39 ng	4266940	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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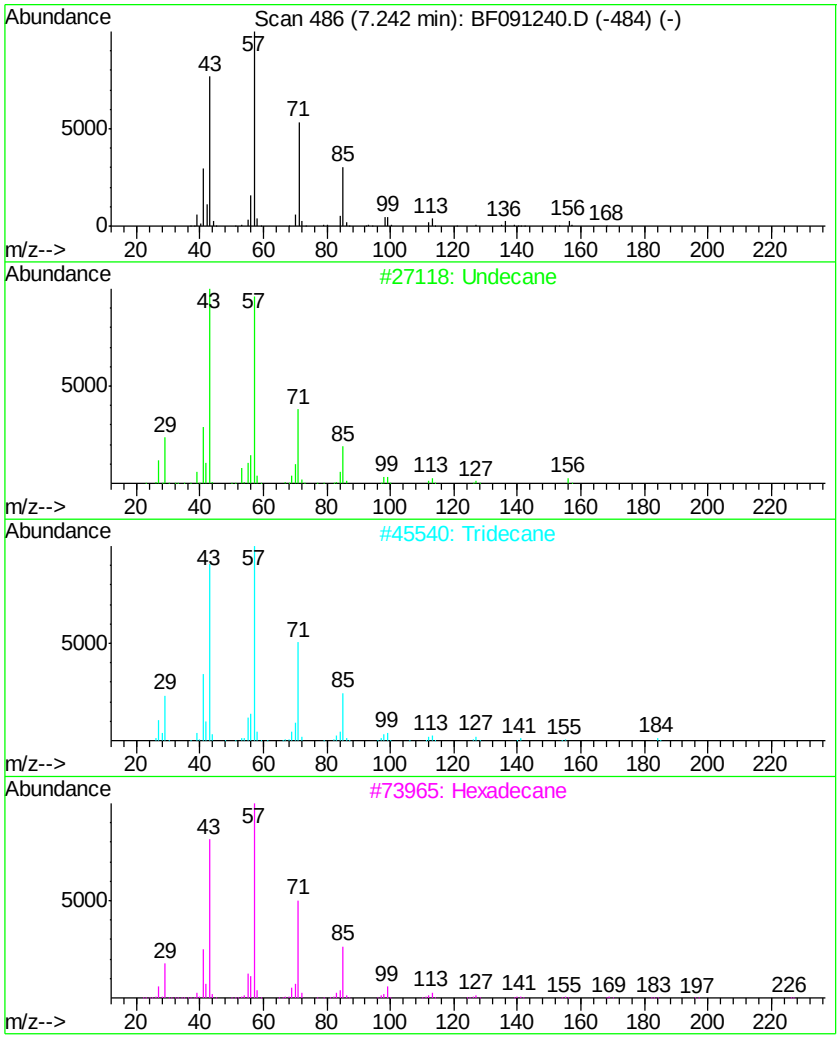
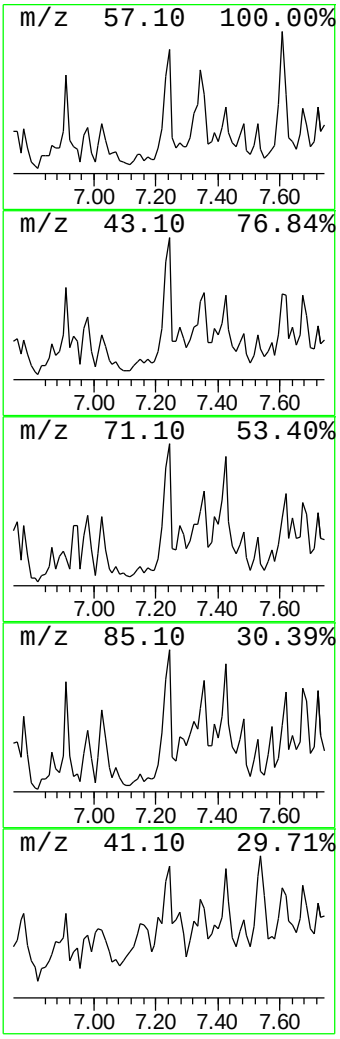
Peak Number 16 Undecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	24.18 ng	1333050	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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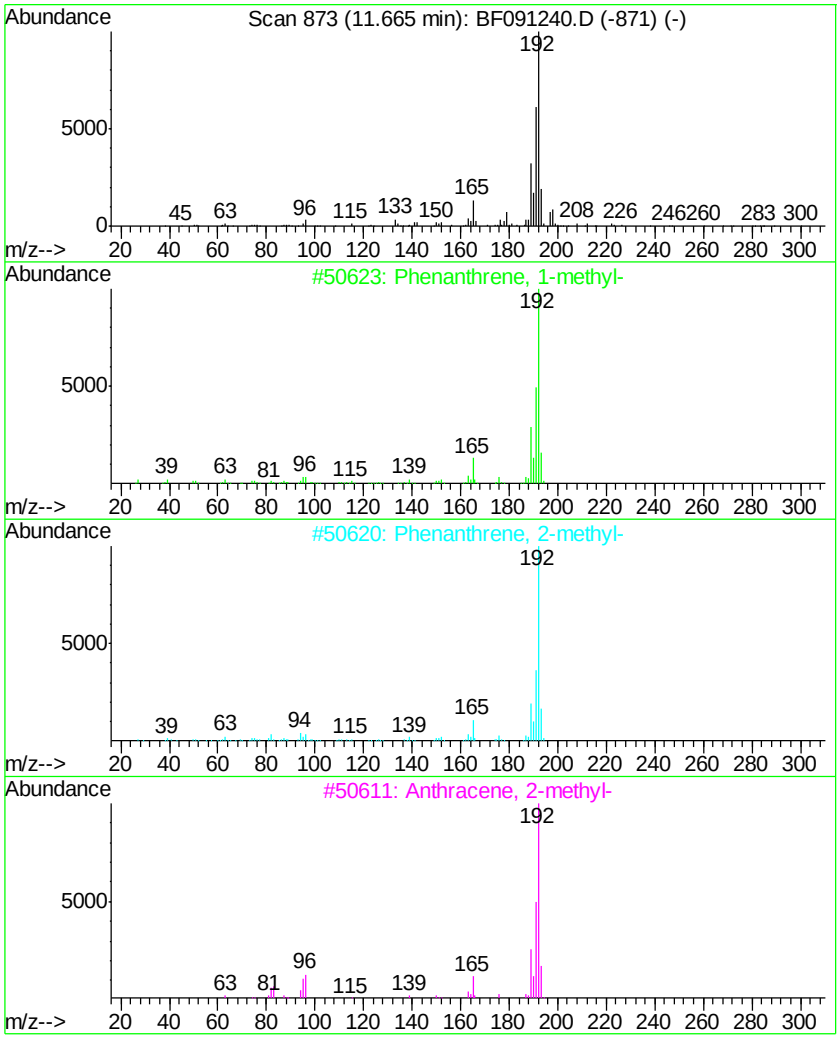
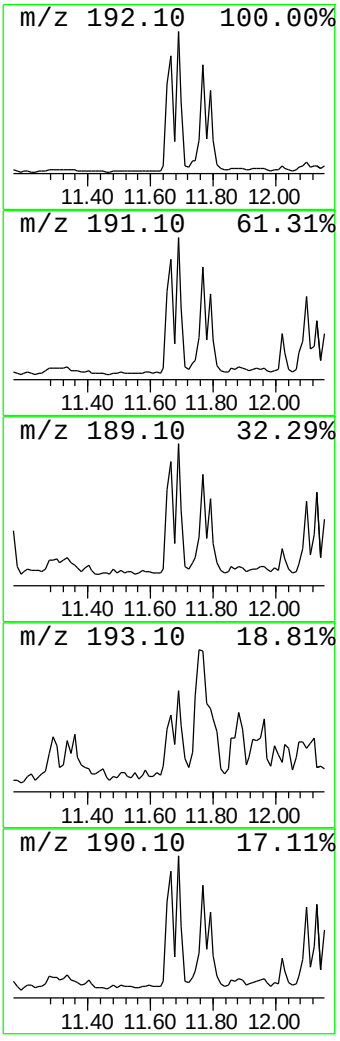
Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	20.00 ng	991234	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
5	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	90





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
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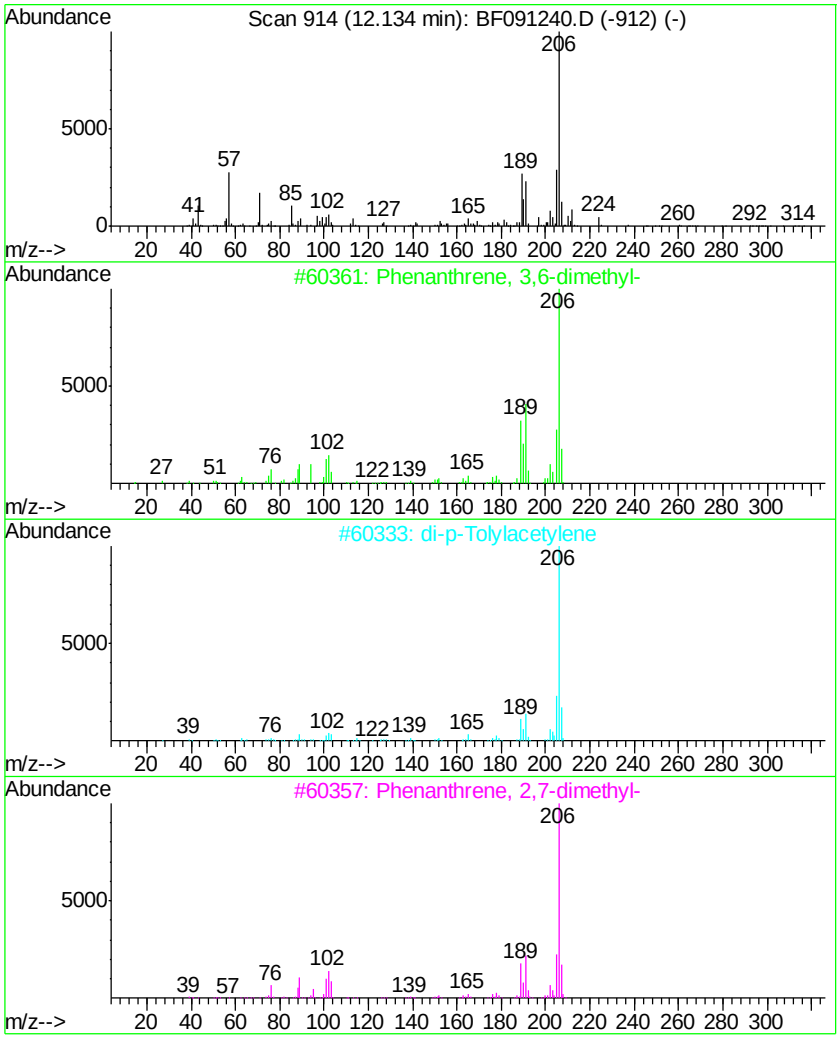
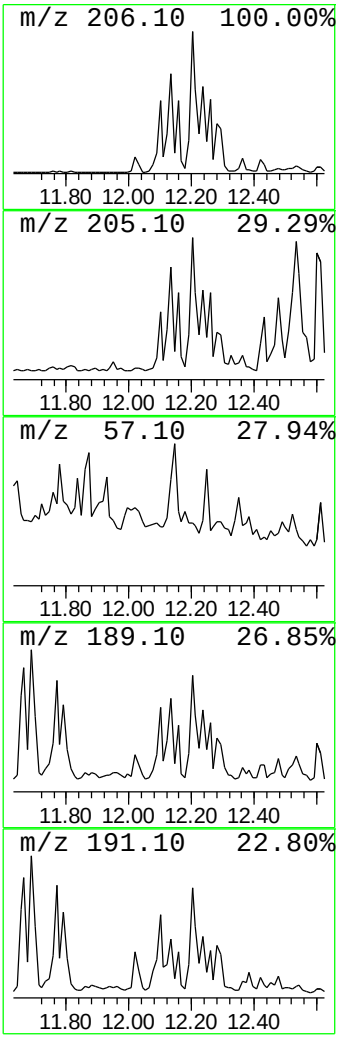
Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	50.30 ng	2493010	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	74
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	64
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	62





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Misc :
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Instrument : BNA_F
ClientSampleId : 1050-410-NEWYORK

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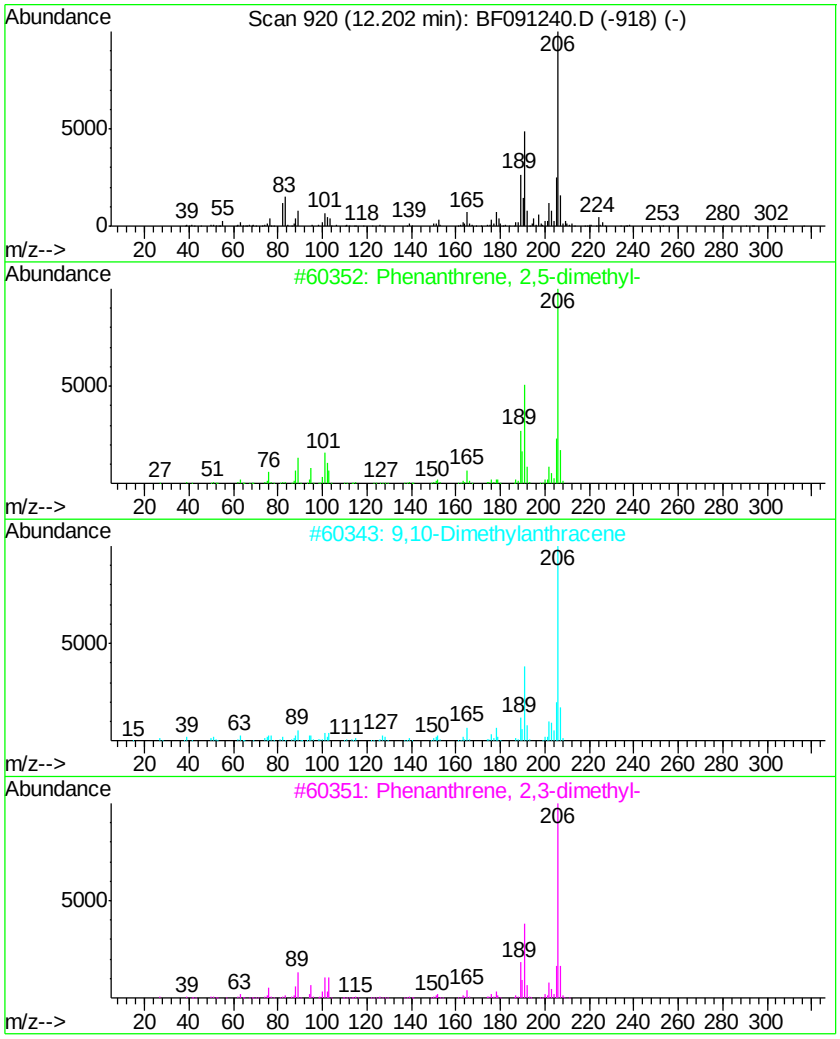
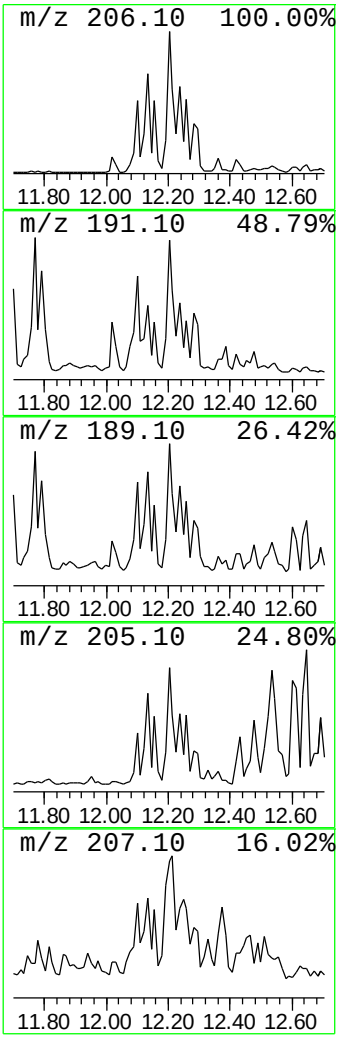
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	48.71 ng	2414160	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091240.D
Acq On : 18 Nov 2016 18:34
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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...	4.74	22.2	ng	1224880	1	6.61	1102670	20.0
unknown5.73	5.73	15.7	ng	865848	1	6.61	1102670	20.0
Cyclohexane, propyl-	5.84	40.0	ng	2203630	1	6.61	1102670	20.0
Heptane, 3-ethyl-...	5.90	18.2	ng	1005560	1	6.61	1102670	20.0
Undecane, 5,6-dim...	6.04	30.1	ng	1660920	1	6.61	1102670	20.0
Benzene, 1-ethyl-...	6.12	78.2	ng	4313080	1	6.61	1102670	20.0
Benzene, 1,2,3-tr...	6.20	37.8	ng	2083490	1	6.61	1102670	20.0
Cyclohexane, 1-me...	6.35	31.9	ng	1761060	1	6.61	1102670	20.0
unknown6.38	6.38	67.5	ng	3722050	1	6.61	1102670	20.0
Benzene, 1,3,5-tr...	6.67	43.1	ng	2378120	1	6.61	1102670	20.0
Benzene, 1-methyl...	6.90	150.2	ng	8280660	1	6.61	1102670	20.0
Benzene, 1,4-diet...	6.94	75.5	ng	4160240	1	6.61	1102670	20.0
Benzene, 1-methyl...	7.12	77.4	ng	4266940	1	6.61	1102670	20.0
Undecane	7.24	24.2	ng	1333050	1	6.61	1102670	20.0
Phenanthrene, 1-m...	11.66	20.0	ng	991234	4	11.16	991234	20.0
Phenanthrene, 3,6...	12.13	50.3	ng	2493010	4	11.16	991234	20.0
Phenanthrene, 2,5...	12.20	48.7	ng	2414160	4	11.16	991234	20.0