LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091241.D
Acq On : 18 Nov 2016 19:01
Operator : UM/SJ
Sample : H5711-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1051-410-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	1.961	23	24	38	rVB	39703	162278	2.28%	0.132%
2	4.636	252	258	261	rBV2	85170	136524	1.92%	0.111%
3	4.704	261	264	265	rBV	90689	103892	1.46%	0.084%
4	4.739	265	267	274	rVB	449919	764222	10.72%	0.621%
5	4.933	282	284	287	rBV	112929	178640	2.51%	0.145%
6	5.036	291	293	295	rBV	116124	161653	2.27%	0.131%
7	5.150	298	303	305	rBV2	213177	345084	4.84%	0.281%
8	5.196	305	307	309	rBV	2237715	2532017	35.52%	2.058%
9	5.322	316	318	320	rBV	148004	192549	2.70%	0.157%
10	5.367	320	322	324	rVB	176660	177973	2.50%	0.145%
11	5.413	324	326	331	rVB2	195496	300514	4.22%	0.244%
12	5.493	331	333	335	rBV	105874	138670	1.95%	0.113%
13	5.584	337	341	343	rBV2	226281	369548	5.18%	0.300%
14	5.653	343	347	351	rBV5	102536	321585	4.51%	0.261%
15	5.733	351	354	357	rVB	361086	559366	7.85%	0.455%
16	5.802	357	360	361	rBV	170469	300793	4.22%	0.245%
17	5.836	361	363	367	rBV2	960023	1419504	19.91%	1.154%
18	5.893	367	368	372	rBV2	371085	677236	9.50%	0.551%
19	5.950	372	373	377	rVB2	186096	307783	4.32%	0.250%
20	6.042	377	381	384	rBV2	436695	1003845	14.08%	0.816%
21	6.122	384	388	390	rBV3	1282226	2444654	34.29%	1.987%
22	6.156	390	391	393	rVB	591435	571911	8.02%	0.465%
23	6.202	393	395	398	rBV2	1035420	1463920	20.53%	1.190%
24	6.270	398	401	402	rBV	2378482	2975855	41.74%	2.419%
25	6.350	405	408	409	rBV	621969	1208978	16.96%	0.983%
26	6.384	409	411	413	rVB	2240370	2888713	40.52%	2.348%
27	6.430	414	415	420	rVB3	1072356	2075938	29.12%	1.688%
28	6.510	420	422	424	rBV2	79909	145737	2.04%	0.118%
29	6.567	424	427	429	rBV2	689195	1400509	19.64%	1.138%
30	6.613	429	431	432	rBV	794766	842931	11.82%	0.685%
31	6.636	432	433	435	rVB2	1297245	1625697	22.80%	1.322%
32	6.670	435	436	441	rVB3	967359	1301761	18.26%	1.058%
33	6.773	441	445	449	rVB2	2554584	5581844	78.30%	4.537%
34	6.899	449	456	458	rBV4	1991562	5215380	73.16%	4.240%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091241.D
Acq On : 18 Nov 2016 19:01
Operator : UM/SJ
Sample : H5711-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1051-410-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	6.945	458	460	462	rBV	2184348	2641987	37.06%	2.148%
36	7.013	464	466	470	rVB2	1359863	2487852	34.90%	2.022%
37	7.116	470	475	476	rBV	1809516	3451799	48.42%	2.806%
38	7.162	476	479	480	rBV2	1997012	2975883	41.74%	2.419%
39	7.276	486	489	491	rVB3	2522375	4188203	58.75%	3.405%
40	7.310	491	492	493	rBV	1190968	1375321	19.29%	1.118%
41	7.345	493	495	497	rVB2	1779756	2154386	30.22%	1.751%
42	7.402	497	500	501	rBV3	1209329	2573152	36.09%	2.092%
43	7.425	501	502	505	rVB	3368213	3827490	53.69%	3.111%
44	7.482	505	507	509	rBV2	673362	1412002	19.81%	1.148%
45	7.539	509	512	514	rBV4	2721107	6023441	84.49%	4.896%
46	7.653	519	522	523	rVV2	2118894	3998560	56.09%	3.250%
47	7.687	523	525	527	rVB3	1860469	2634992	36.96%	2.142%
48	7.745	527	530	532	rBV3	2198826	4336803	60.83%	3.525%
49	7.813	532	536	538	rBV3	902004	2477945	34.76%	2.014%
50	7.905	539	544	546	rVV6	2305428	7129121	100.00%	5.795%
51	7.996	550	552	558	rVB2	2141793	5435078	76.24%	4.418%
52	8.110	558	562	565	rBV5	1935071	6188202	86.80%	5.030%
53	8.362	582	584	587	rBV	970846	1921024	26.95%	1.562%
54	9.482	678	682	683	rBV2	1183030	3646353	51.15%	2.964%
55	12.134	912	914	917	rVB2	1237365	2708993	38.00%	2.202%
56	12.202	918	920	922	rBV	1507349	1915910	26.87%	1.557%
57	12.648	957	959	960	rBV	791540	922401	12.94%	0.750%
58	12.728	964	966	971	rVB	2930694	3503159	49.14%	2.848%
59	13.619	1043	1044	1049	rVB3	270048	384015	5.39%	0.312%
60	13.757	1055	1056	1067	rVB	842615	1661600	23.31%	1.351%
61	14.397	1110	1112	1115	rVB	95736	100462	1.41%	0.082%
62	15.128	1173	1176	1182	rVB	615634	958272	13.44%	0.779%
63	15.688	1223	1225	1233	rVB6	28127	86579	1.21%	0.070%

Sum of corrected areas: 123018489

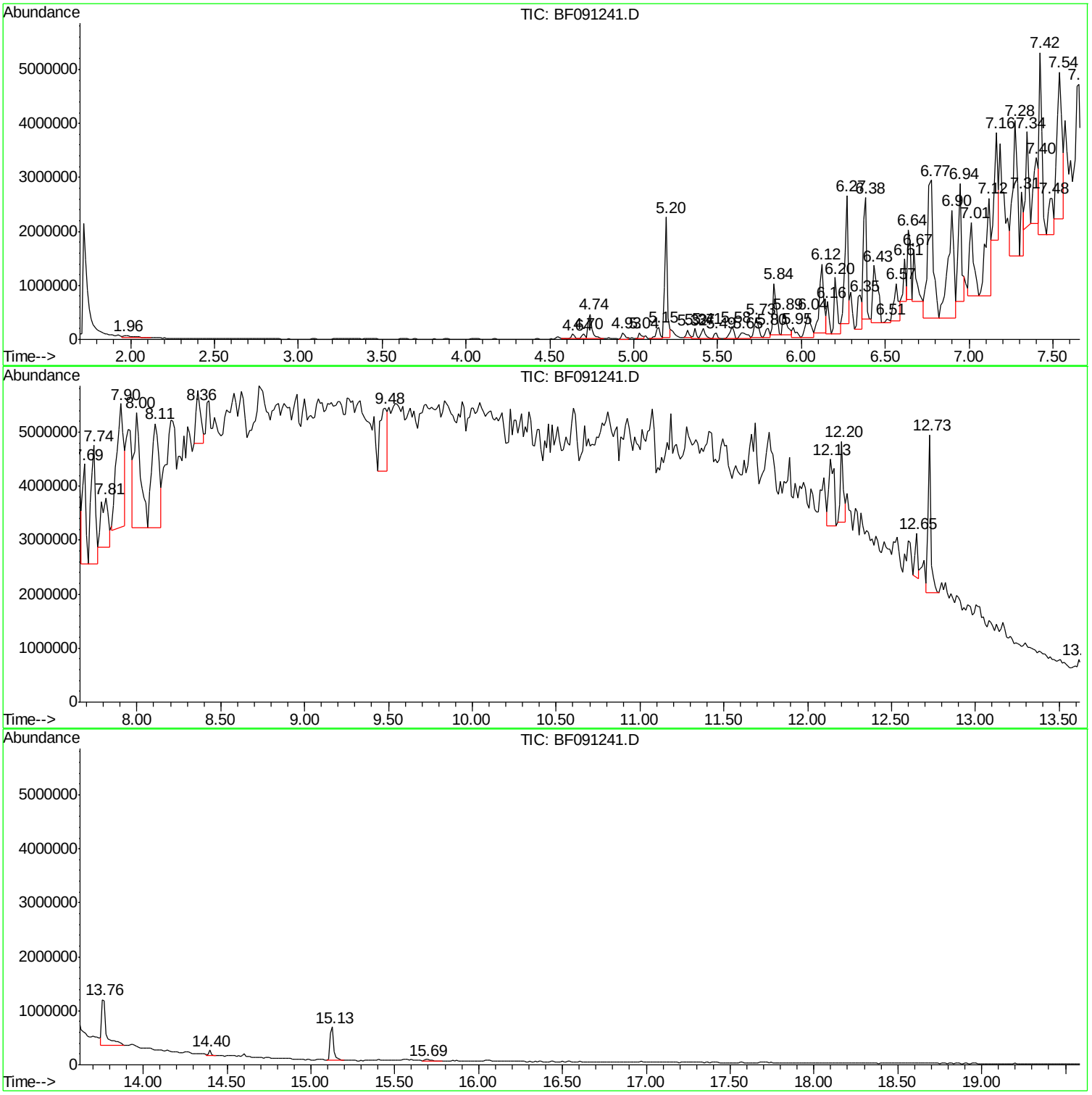
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091241.D
Acq On : 18 Nov 2016 19:01
Operator : UM/SJ
Sample : H5711-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1051-410-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 : BF091241.D
Acq On : 18 Nov 2016 19:01
Operator : UM/SJ
Sample : H5711-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1051-410-NEWYORK

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

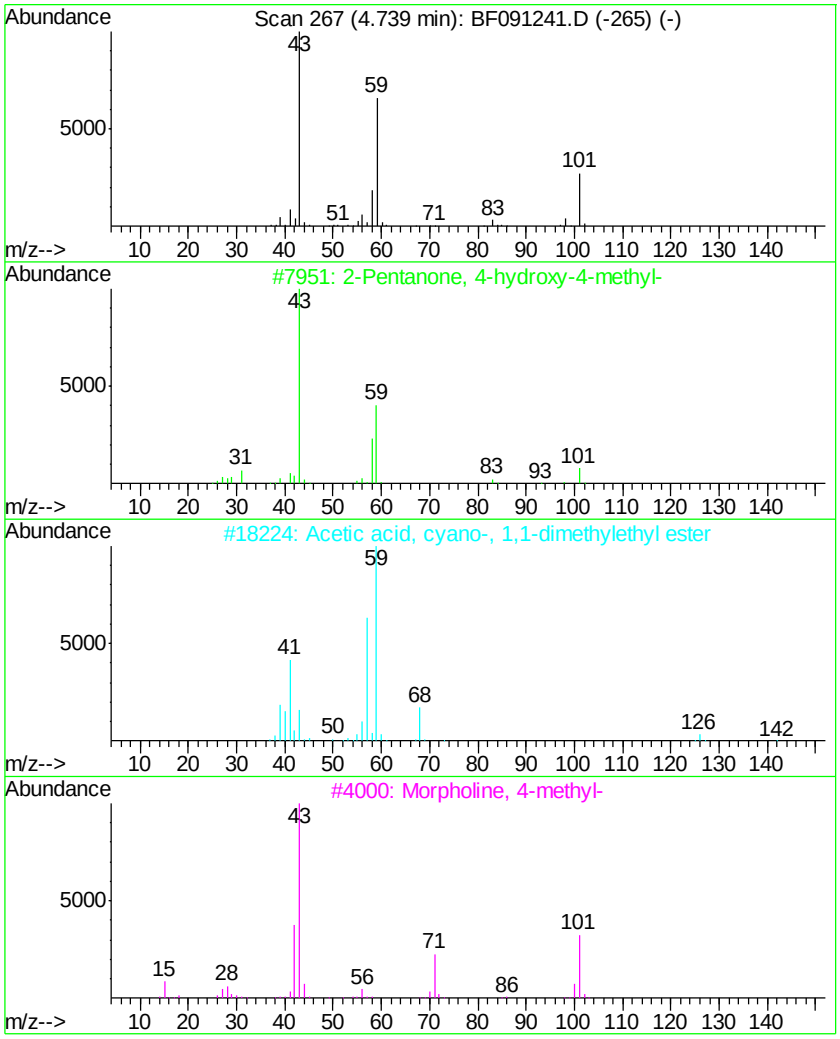
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

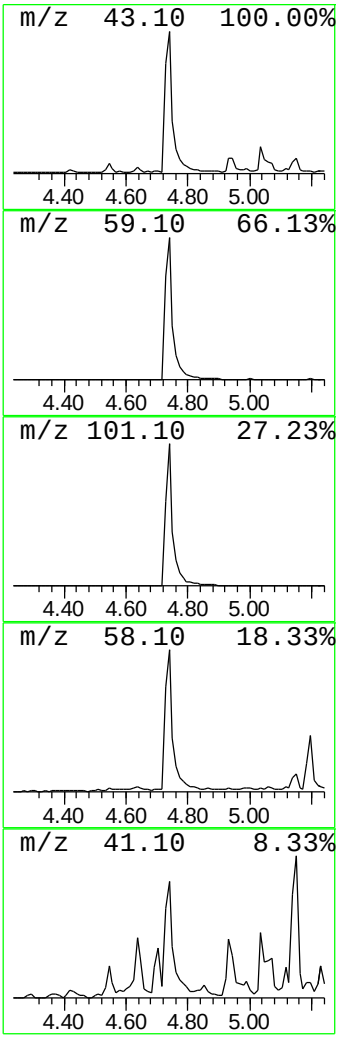
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	18.13 ng	764222	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	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetone	58	C3H6O	000067-64-1	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091241.D
Acq On : 18 Nov 2016 19:01
Operator : UM/SJ
Sample : H5711-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1051-410-NEWYORK

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

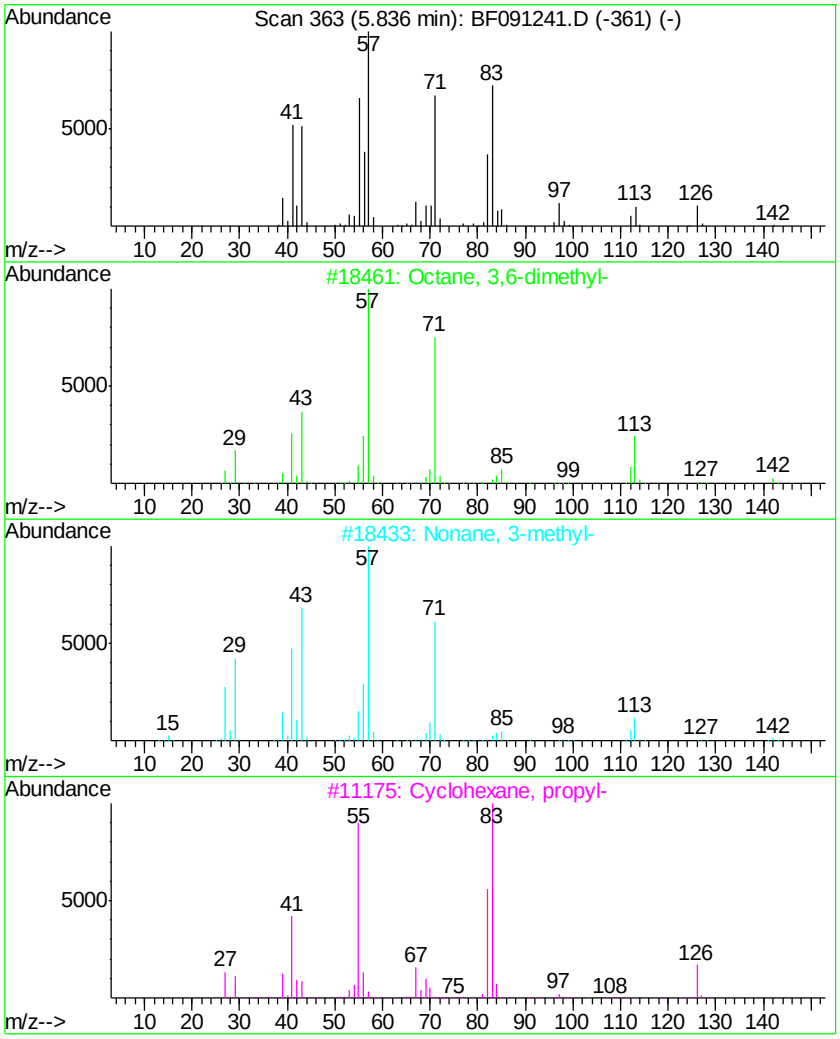
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

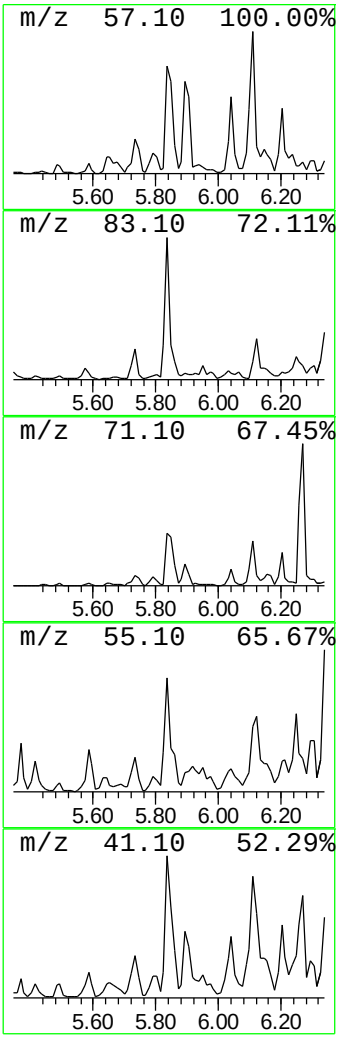
****

Peak Number 2 unknown5.84 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	33.68 ng	1419500	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	42
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	30
5	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091241.D
Acq On : 18 Nov 2016 19:01
Operator : UM/SJ
Sample : H5711-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORK

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

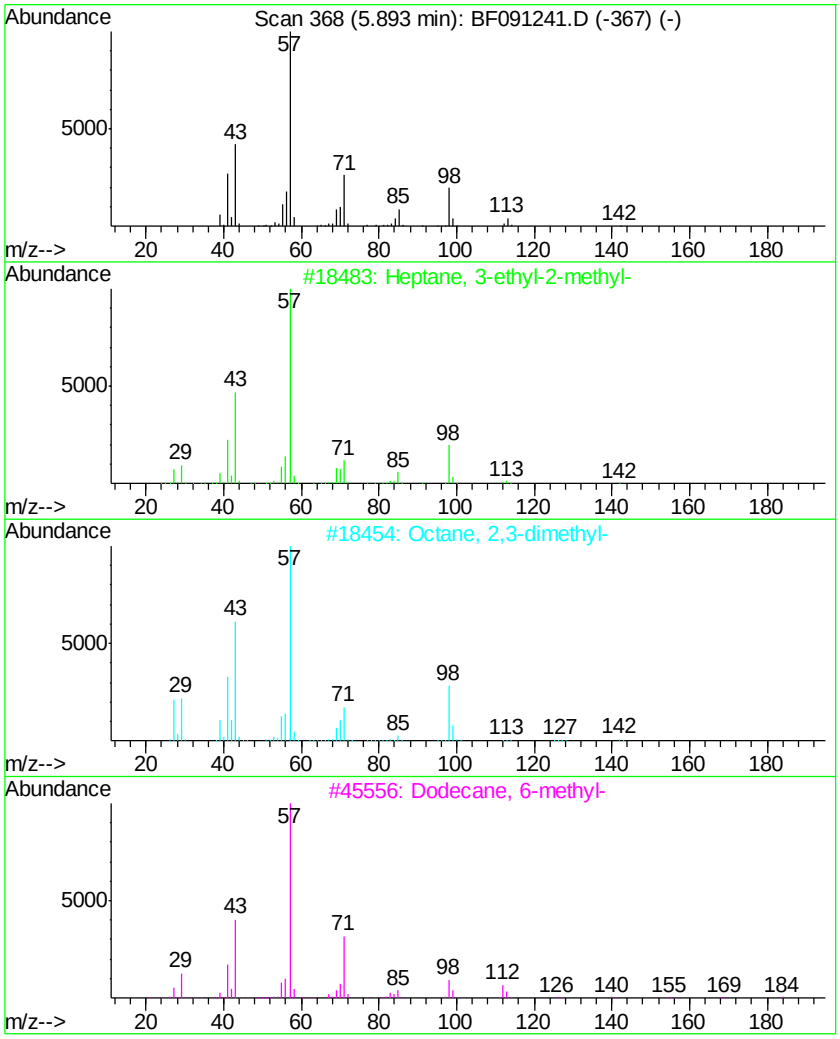
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

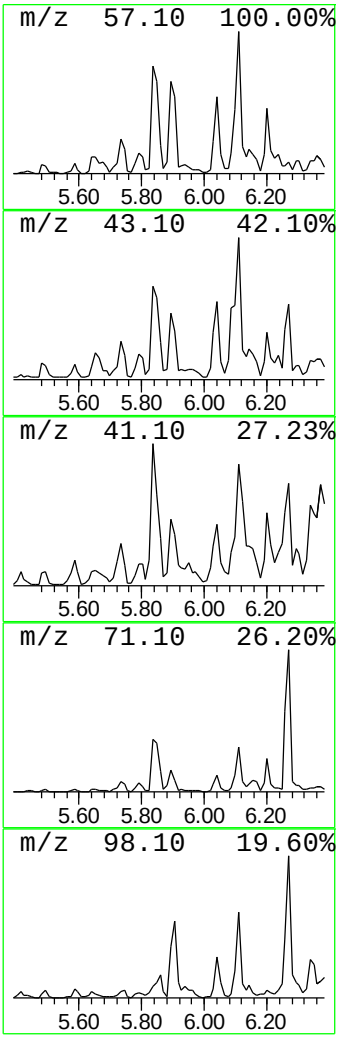
****

Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	16.07 ng	677236	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	64
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	53
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091241.D
Acq On : 18 Nov 2016 19:01
Operator : UM/SJ
Sample : H5711-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1051-410-NEWYORK

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

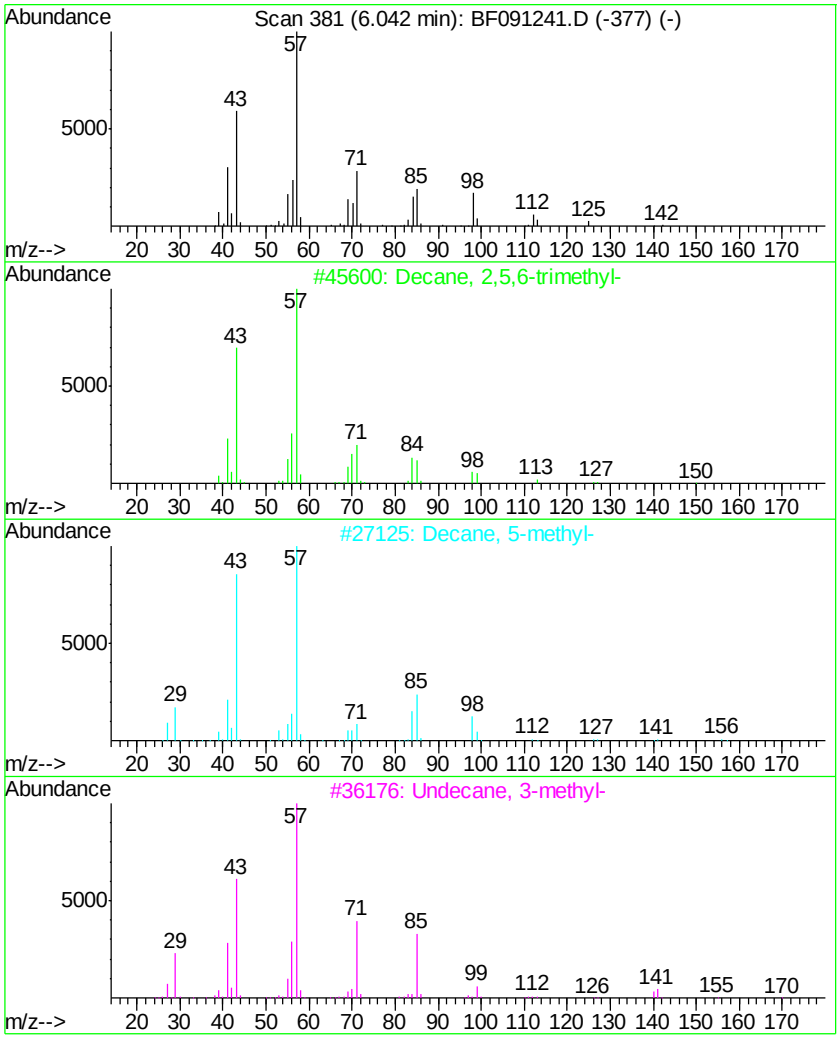
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

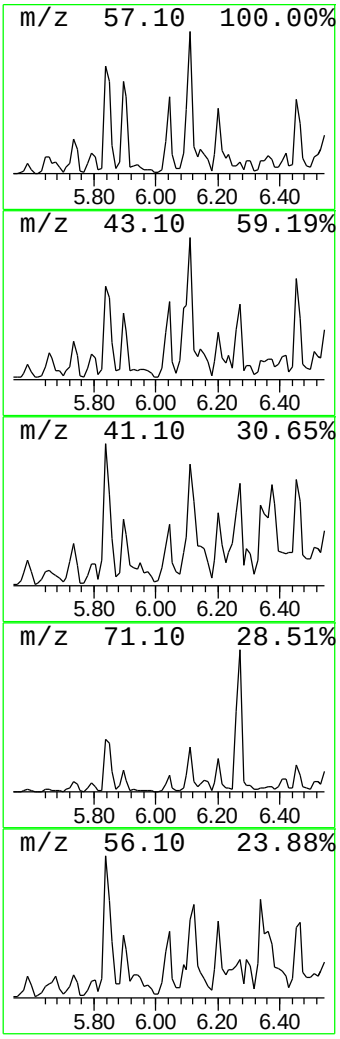
****

Peak Number 4 Decane, 2,5,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	23.82 ng	1003850	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
2	Decane, 5-methyl-	156	C11H24	013151-35-4	53
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
5	Decane	142	C10H22	000124-18-5	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091241.D
Acq On : 18 Nov 2016 19:01
Operator : UM/SJ
Sample : H5711-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORK

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

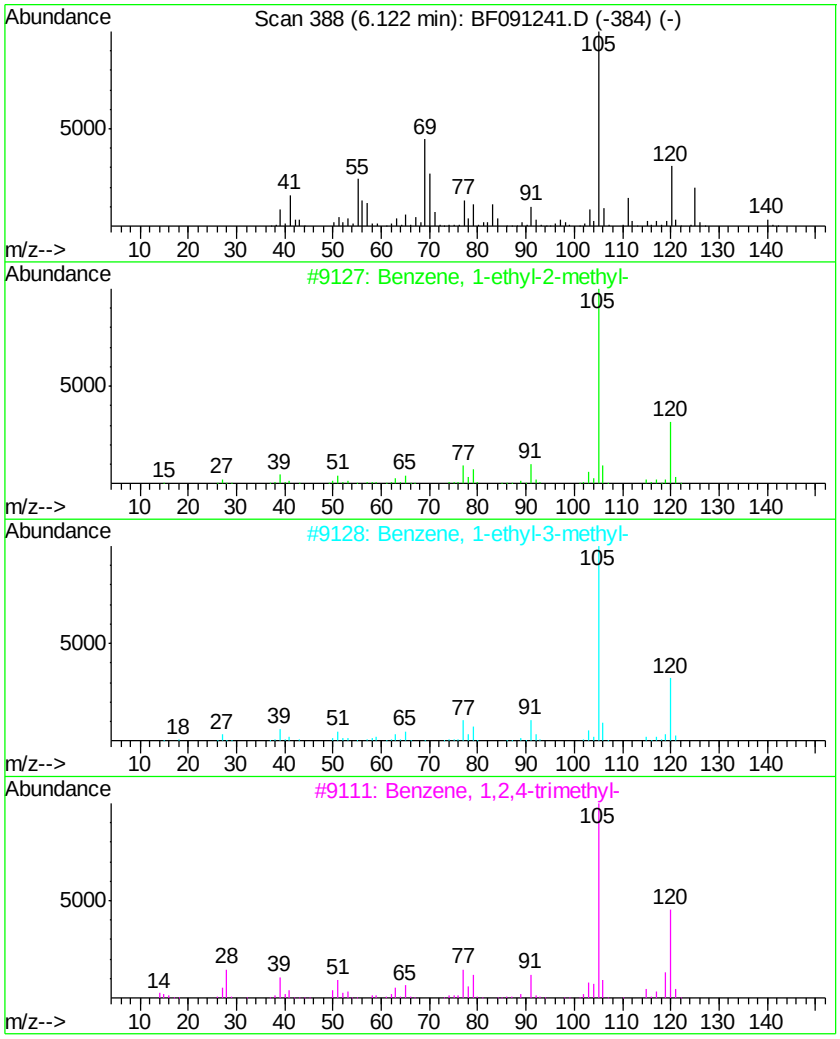
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

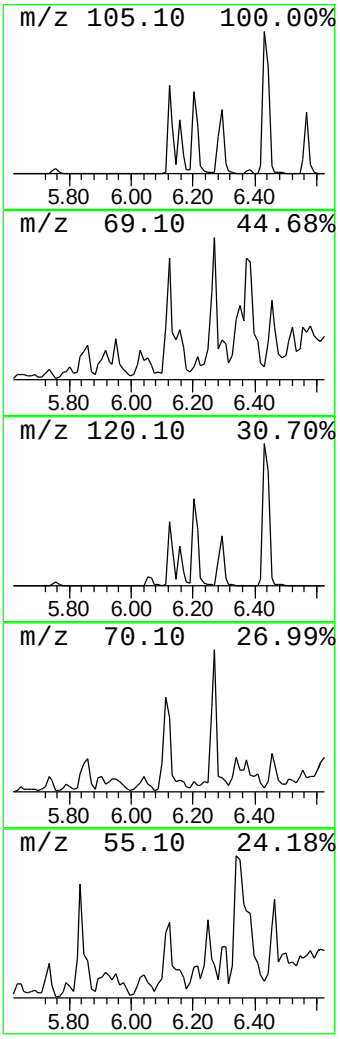
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	58.00 ng	2444650	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	46
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
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Acq On : 18 Nov 2016 19:01
Operator : UM/SJ
Sample : H5711-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1051-410-NEWYORK

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

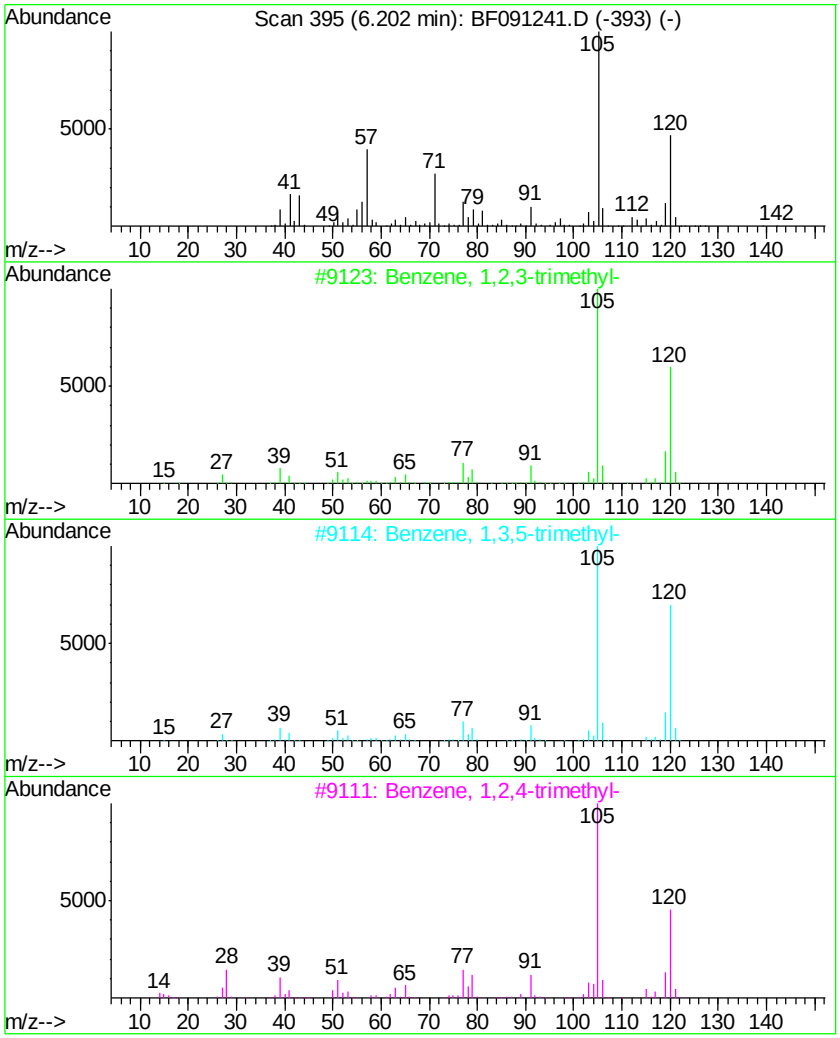
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

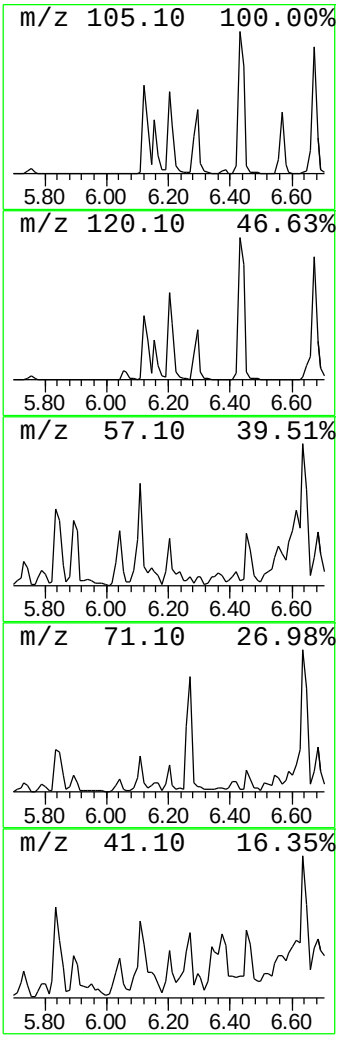
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	34.73 ng	1463920	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	90
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091241.D
Acq On : 18 Nov 2016 19:01
Operator : UM/SJ
Sample : H5711-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1051-410-NEWYORK

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

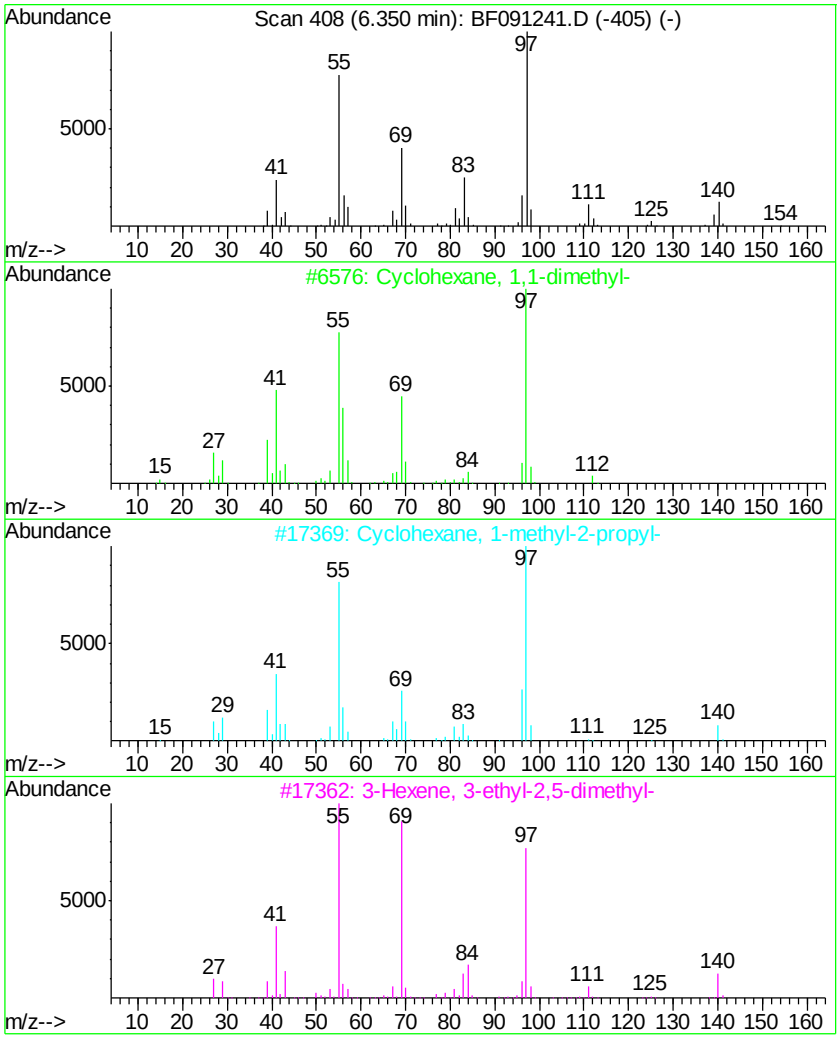
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

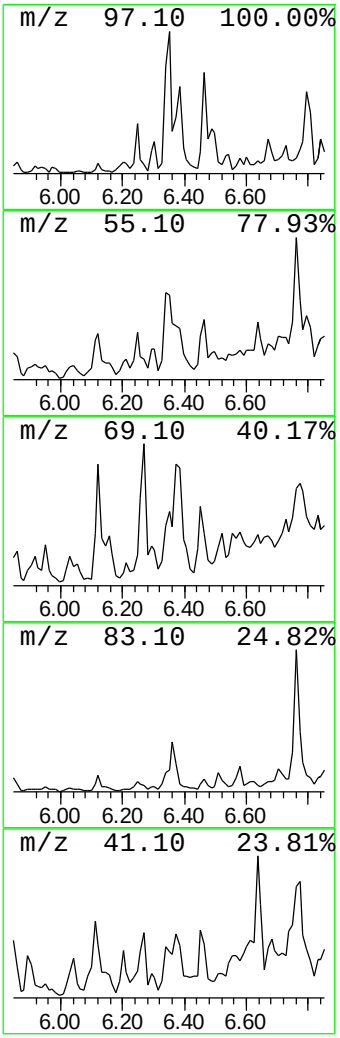
****

Peak Number 7 Cyclohexane, 1,1-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	28.69 ng	1208980	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	70
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	58
4	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	58
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091241.D
Acq On : 18 Nov 2016 19:01
Operator : UM/SJ
Sample : H5711-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1051-410-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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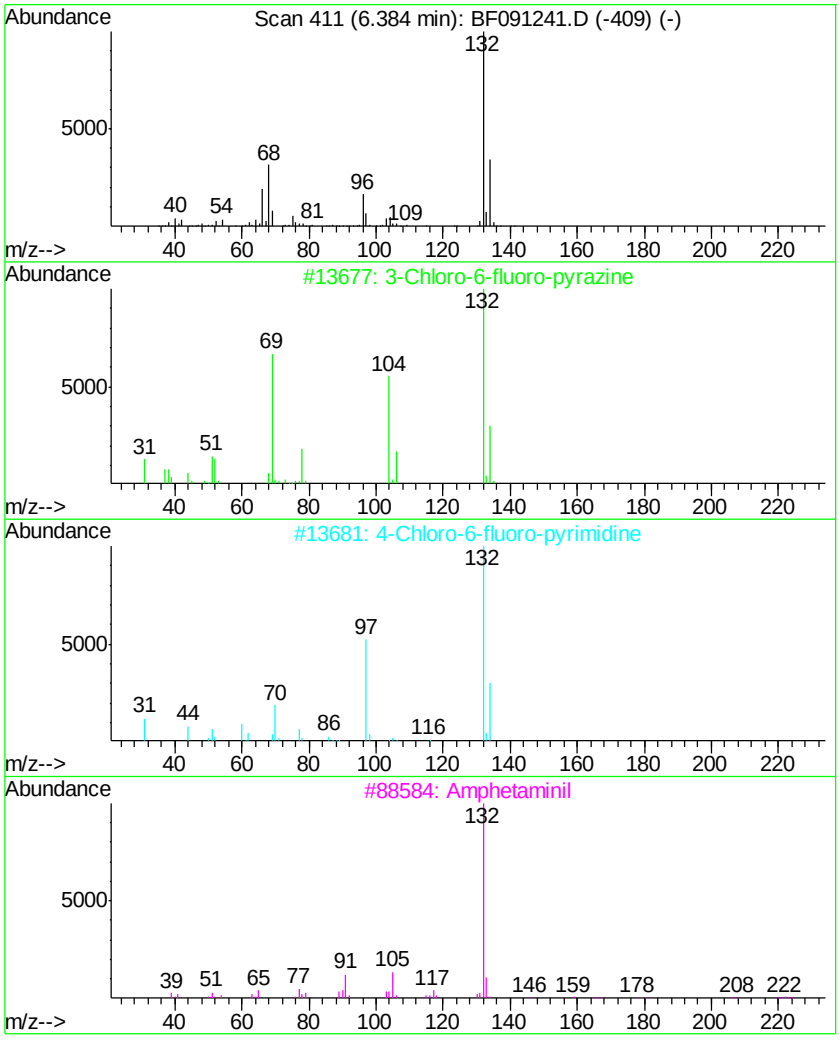
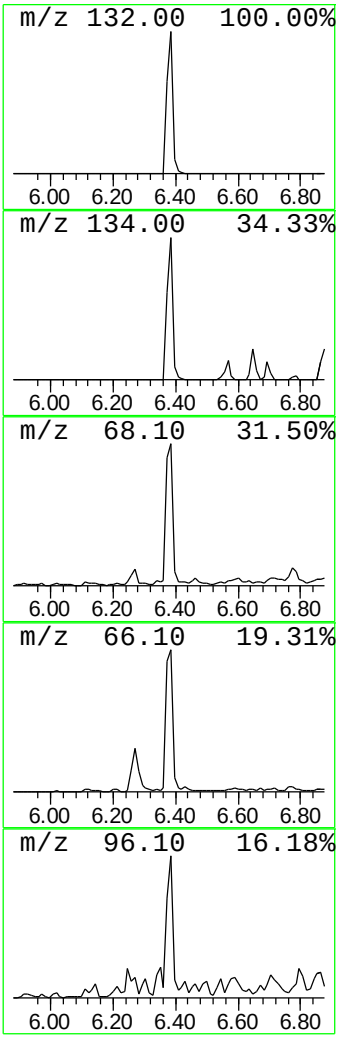
Peak Number 8 unknown6.38 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	68.54 ng	2888710	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	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	3H-1,2-Dithiol-3-one, 4-methyl-	132	C4H4OS2	003620-10-8	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091241.D
Acq On : 18 Nov 2016 19:01
Operator : UM/SJ
Sample : H5711-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1051-410-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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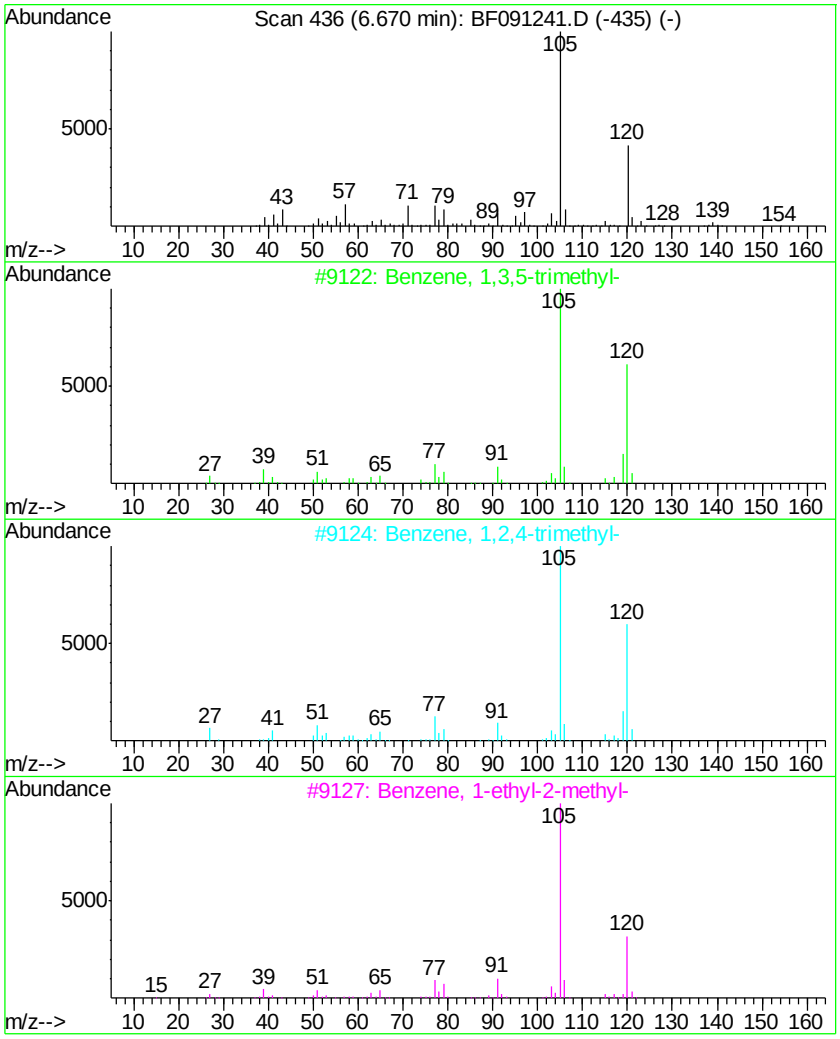
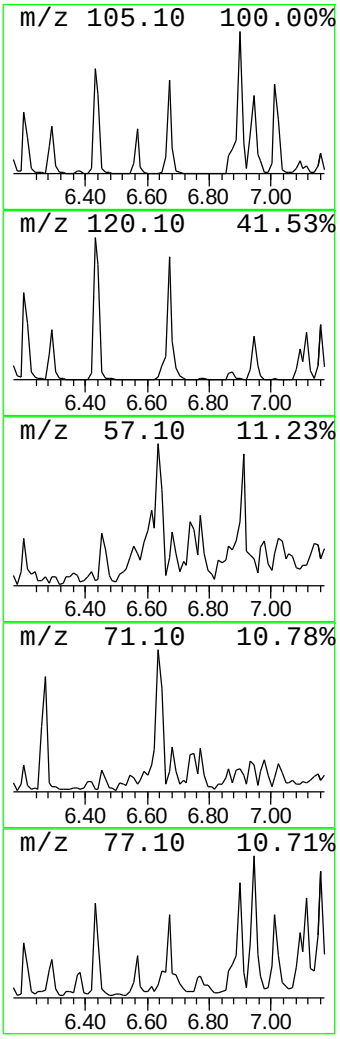
Peak Number 10 Benzene, 1,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	30.89 ng	1301760	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	76
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	68
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1051-410-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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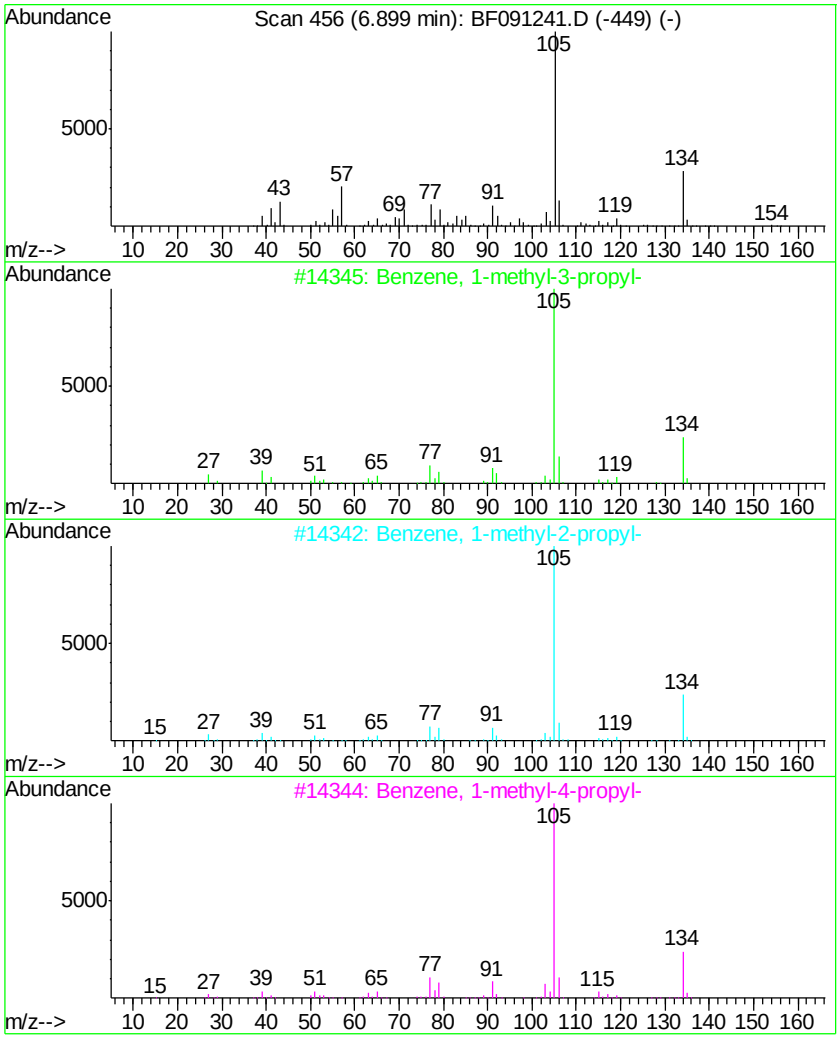
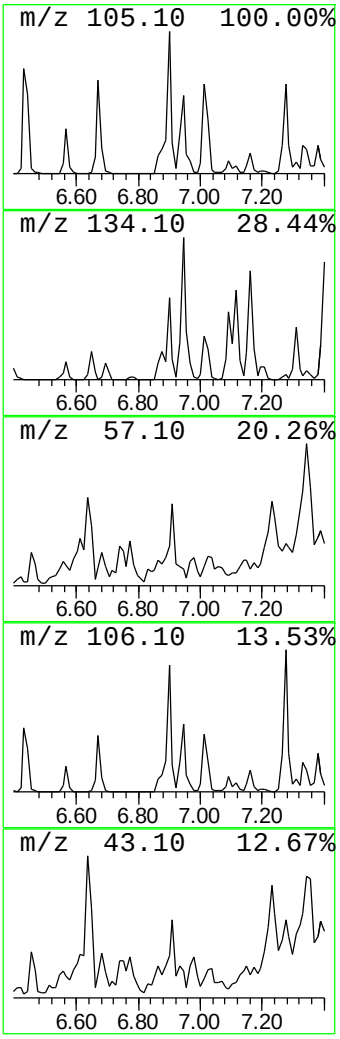
Peak Number 12 Benzene, 1-methyl-3-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	123.74 ng	5215380	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	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
5	2-Tolyloxirane	134	C9H10O	002783-26-8	64





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ALS Vial : 9 Sample Multiplier: 1

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

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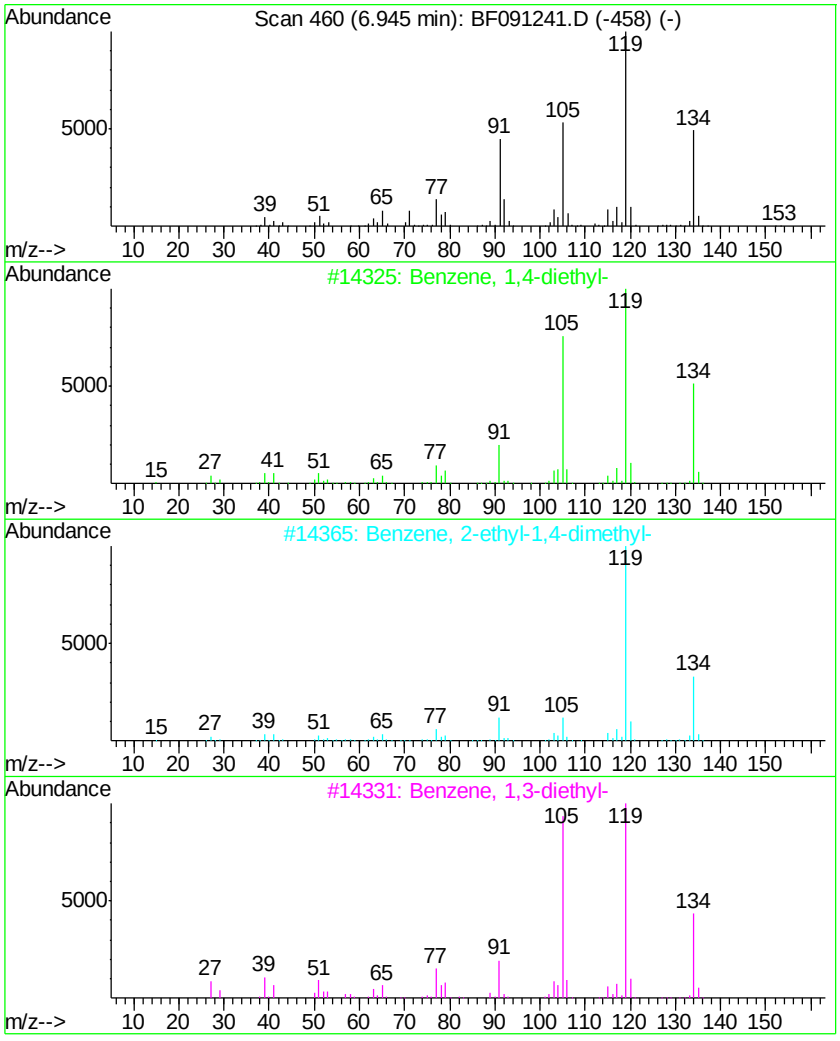
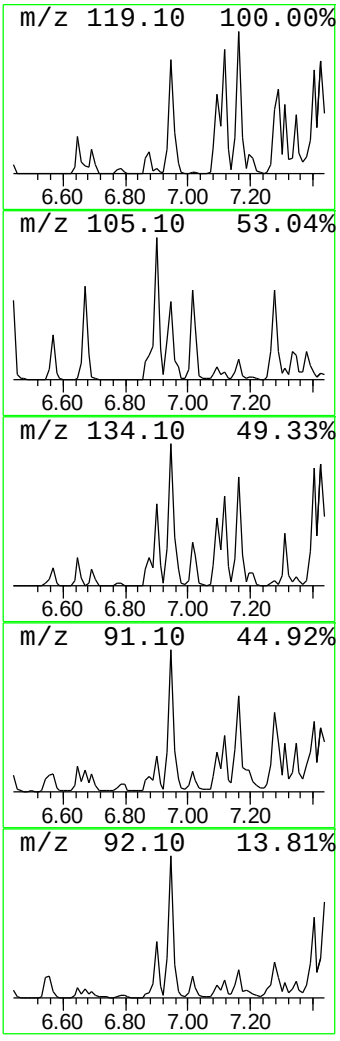
Peak Number 13 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	62.69 ng	2641990	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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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TIC Integration Parameters: LSCINT.P

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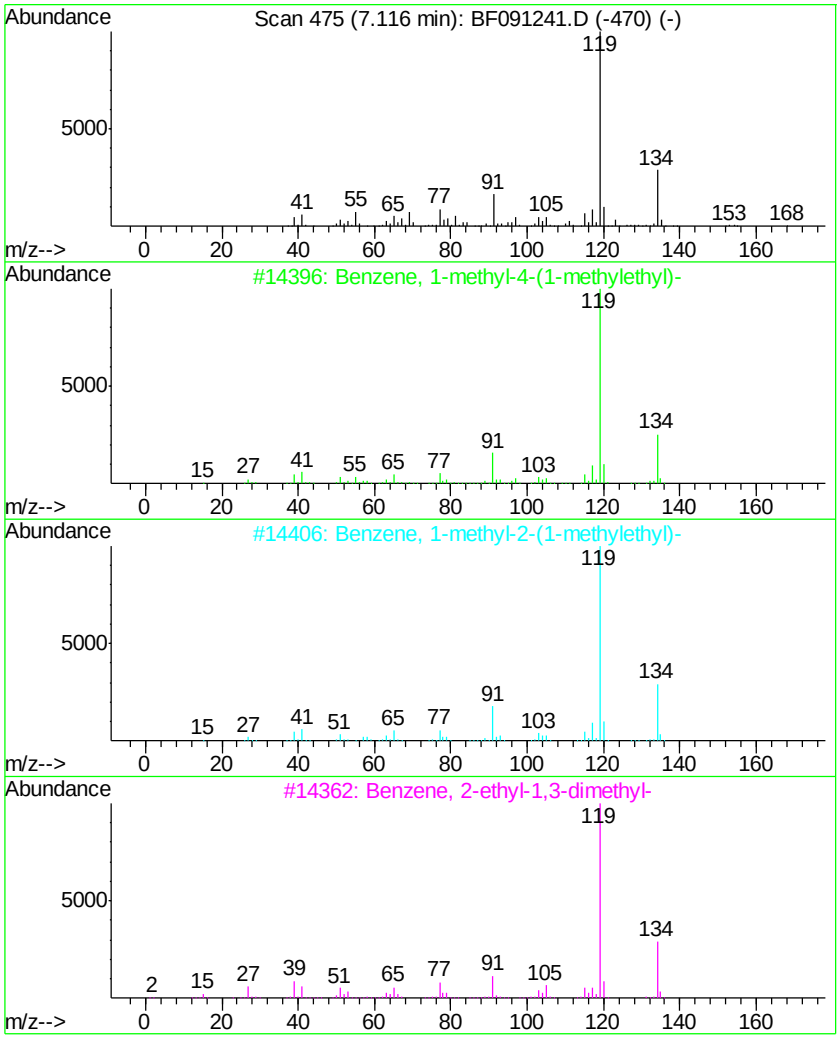
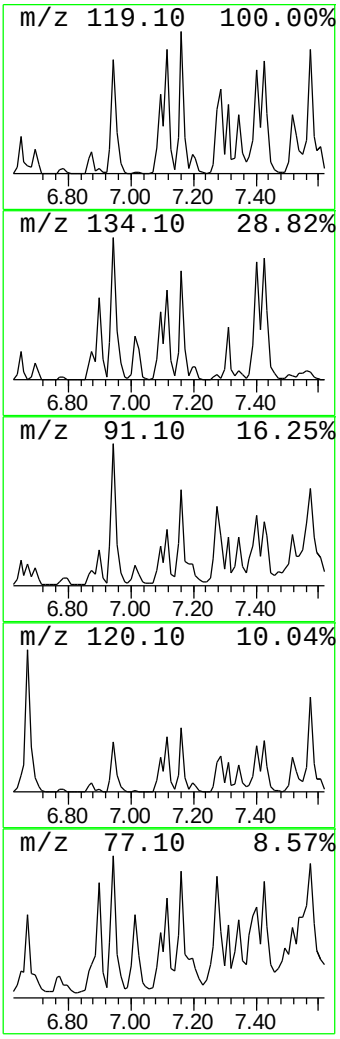
Peak Number 14 Benzene, 1-methyl-4-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	81.90 ng	3451800	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





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Sample : H5711-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

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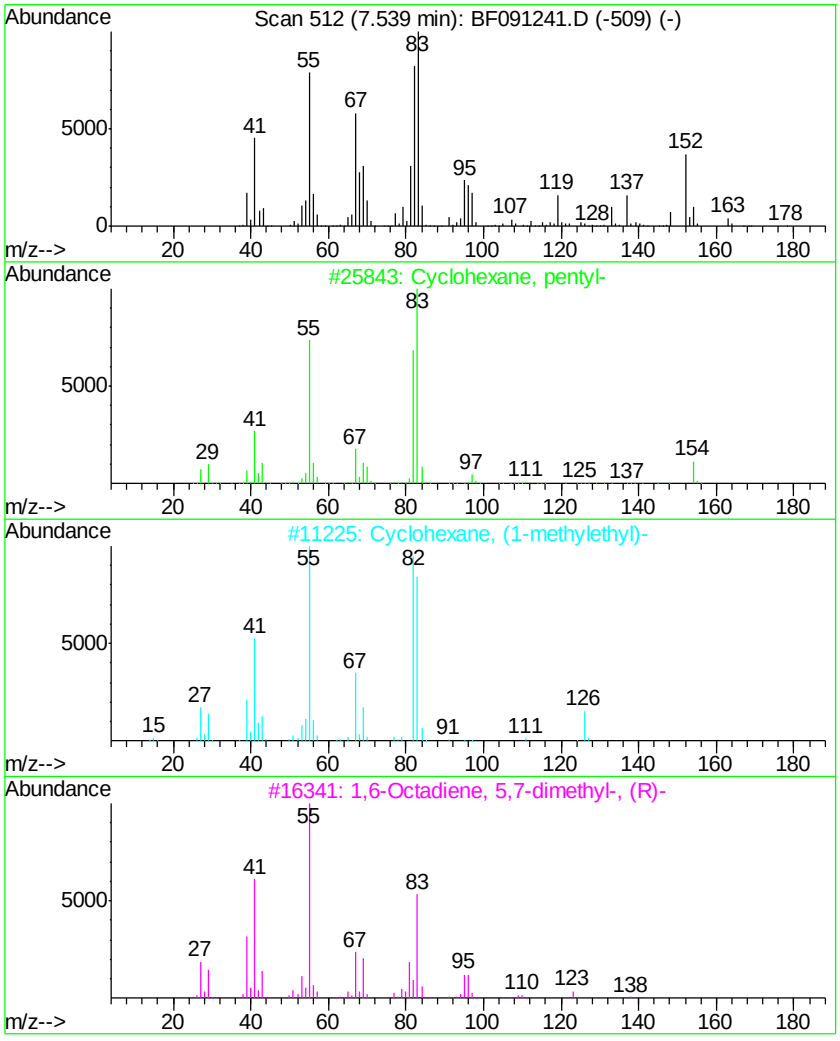
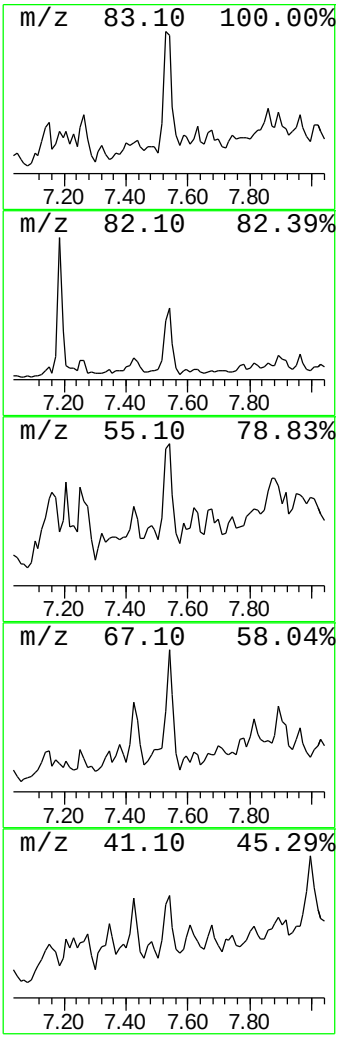
Peak Number 15 Cyclohexane, pentyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	16.90 ng	6023440	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
3	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	46
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	43
5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

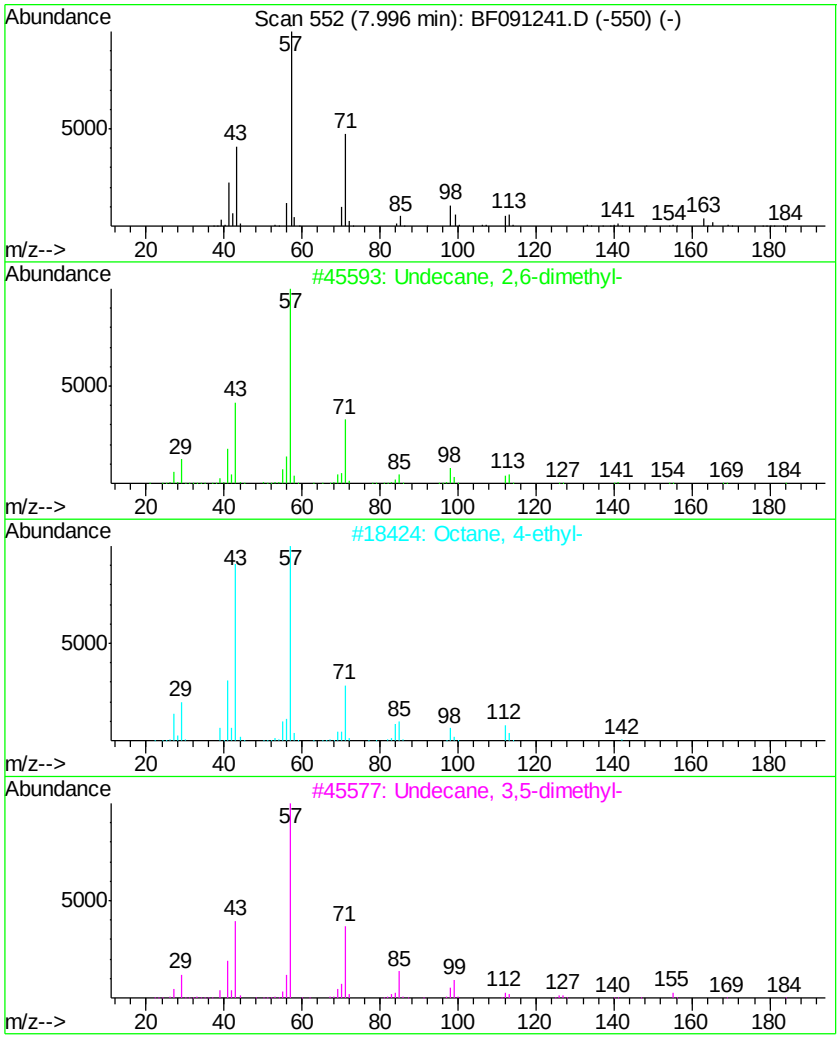
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

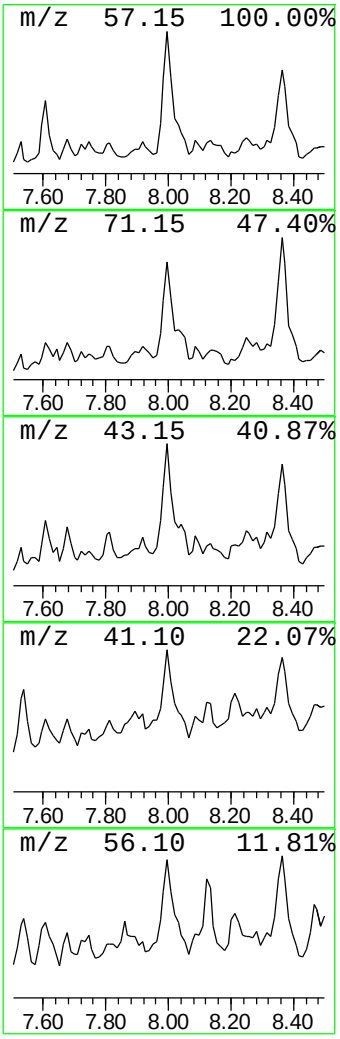
****

Peak Number 16 Undecane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	15.25 ng	5435080	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	72
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
5	Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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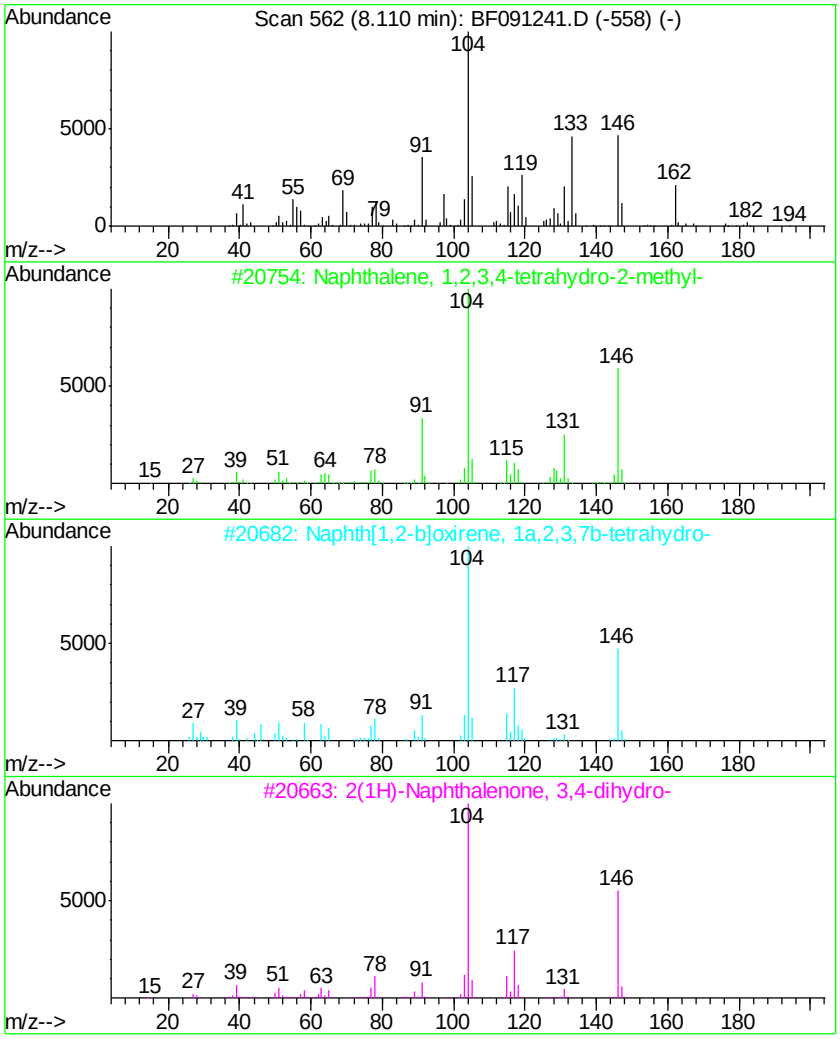
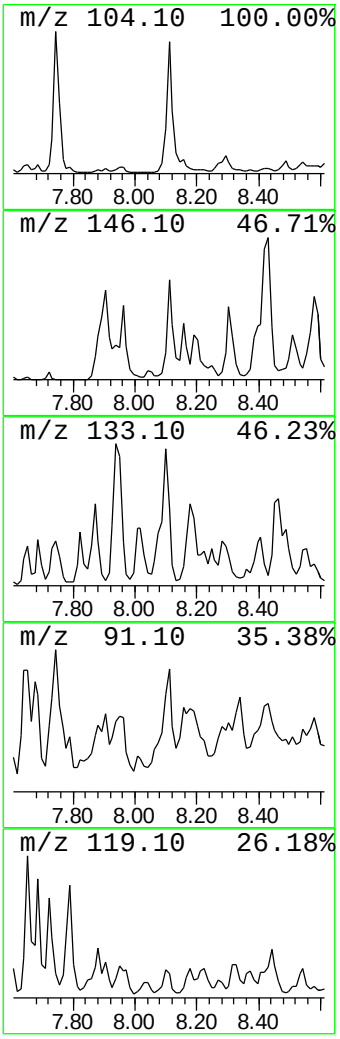
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	17.36 ng	6188200	Naphthalene-d8	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	64
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	49
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	46
4	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	30
5	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	27





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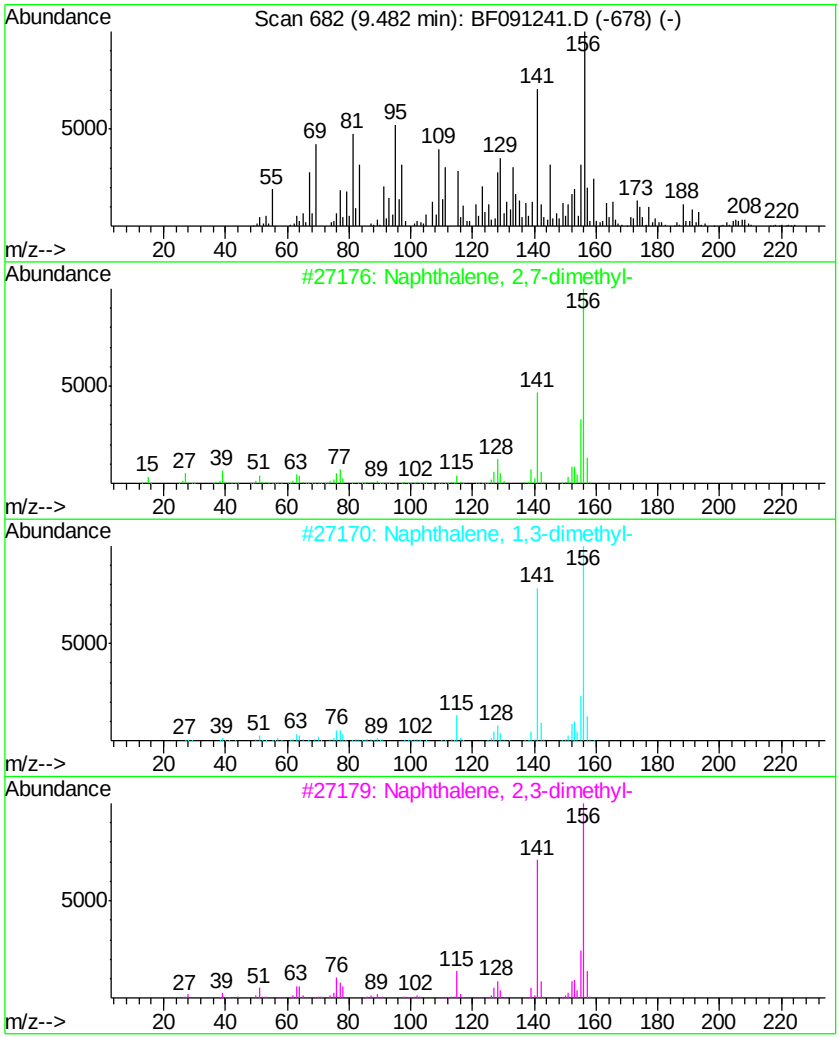
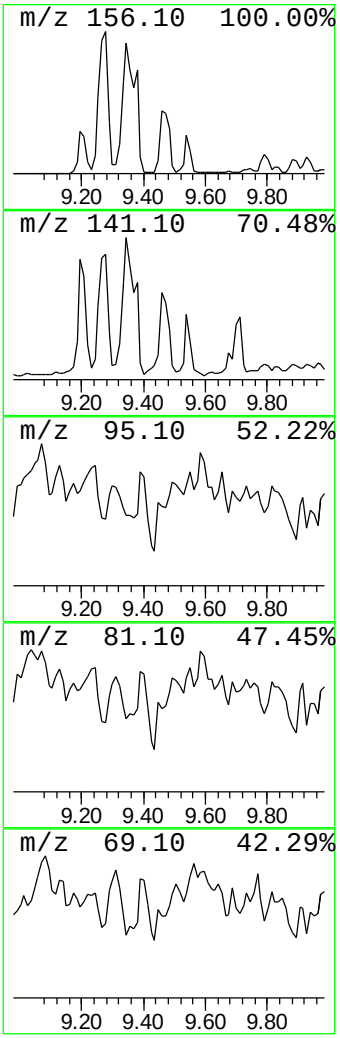
Peak Number 18 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	20.00 ng	3646350	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	55
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	46
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	46
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	46
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	46





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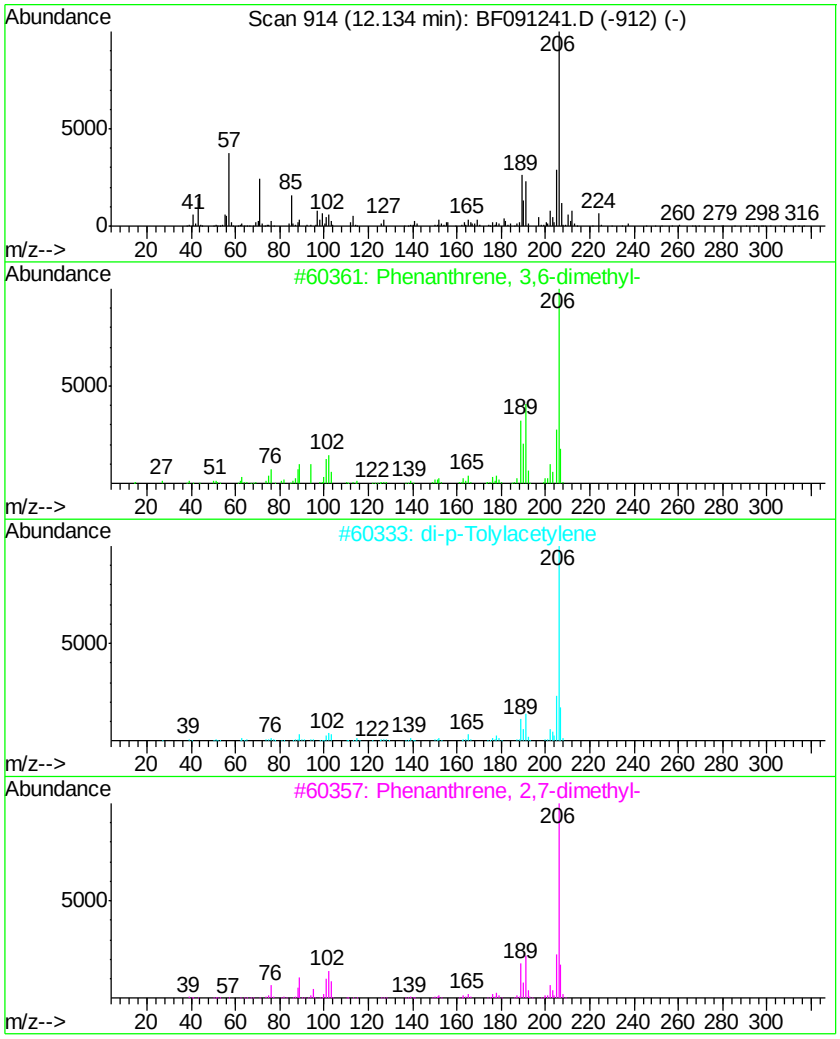
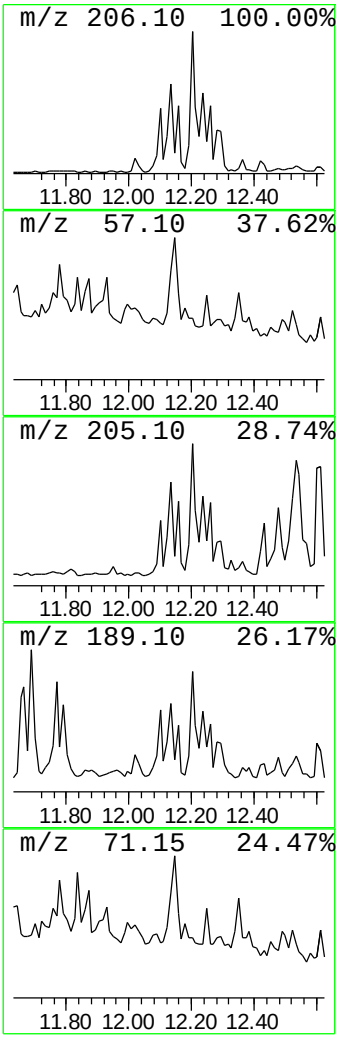
Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	20.00 ng	2708990	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	72
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	59
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	45





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

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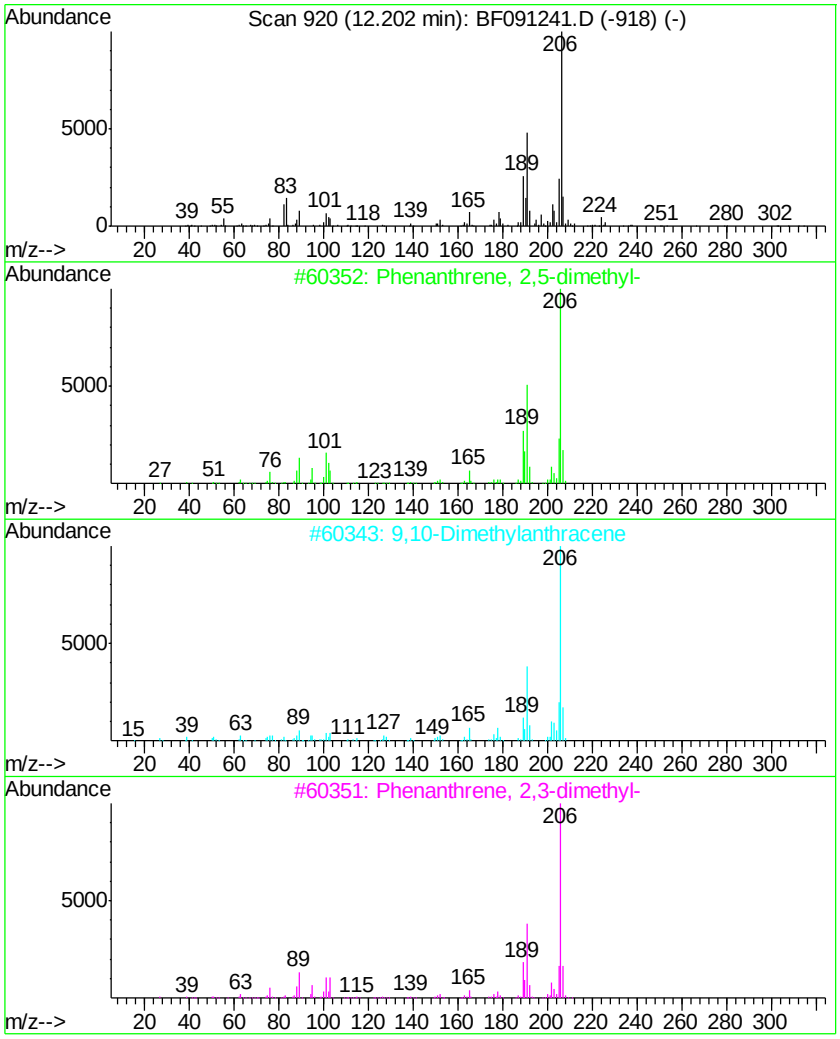
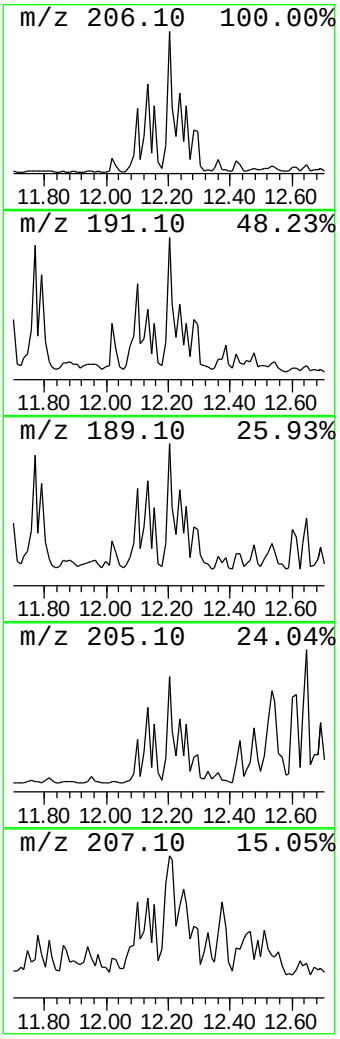
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	14.14 ng	1915910	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





Tentatively Identified Compound (LSC) summary

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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	18.1	ng	764222	1	6.61	842931	20.0
unknown5.84	5.84	33.7	ng	1419500	1	6.61	842931	20.0
Heptane, 3-ethyl-...	5.89	16.1	ng	677236	1	6.61	842931	20.0
Decane, 2,5,6-tri...	6.04	23.8	ng	1003850	1	6.61	842931	20.0
Benzene, 1-ethyl-...	6.12	58.0	ng	2444650	1	6.61	842931	20.0
Benzene, 1,2,3-tr...	6.20	34.7	ng	1463920	1	6.61	842931	20.0
Cyclohexane, 1,1-...	6.35	28.7	ng	1208980	1	6.61	842931	20.0
unknown6.38	6.38	68.5	ng	2888710	1	6.61	842931	20.0
Benzene, 1,3,5-tr...	6.67	30.9	ng	1301760	1	6.61	842931	20.0
Benzene, 1-methyl...	6.90	123.7	ng	5215380	1	6.61	842931	20.0
Benzene, 1,4-diet...	6.94	62.7	ng	2641990	1	6.61	842931	20.0
Benzene, 1-methyl...	7.12	81.9	ng	3451800	1	6.61	842931	20.0
Cyclohexane, pentyl-	7.54	16.9	ng	6023440	2	7.90	7129120	20.0
Undecane, 2,6-dim...	8.00	15.3	ng	5435080	2	7.90	7129120	20.0
Naphthalene, 1,2,...	8.11	17.4	ng	6188200	2	7.90	7129120	20.0
Naphthalene, 2,7-...	9.48	20.0	ng	3646350	3	9.68	3646350	20.0
Phenanthrene, 3,6...	12.13	20.0	ng	2708990	4	11.16	2708990	20.0
Phenanthrene, 2,5...	12.20	14.1	ng	1915910	4	11.16	2708990	20.0