LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
Data File : BF087860.D
Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

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-BF060716.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	1.678	4	8	11	rVB	4158053	7282623	100.00%	10.601%
2	1.747	13	14	24	rVV	283022	475281	6.53%	0.692%
3	1.872	24	25	40	rVB	1307390	2410714	33.10%	3.509%
4	2.067	40	42	58	rVB	93815	210459	2.89%	0.306%
5	4.330	237	240	243	rBV	73821	92191	1.27%	0.134%
6	4.993	295	298	302	rBV	521468	677436	9.30%	0.986%
7	5.267	320	322	325	rVV	387016	382367	5.25%	0.557%
8	5.381	329	332	333	rBV	937159	1091704	14.99%	1.589%
9	5.416	333	335	338	rVB	1874994	2124381	29.17%	3.092%
10	5.644	354	355	360	rVB	324696	370940	5.09%	0.540%
11	5.724	360	362	363	rBV	119609	168241	2.31%	0.245%
12	5.827	368	371	373	rVB2	126500	191499	2.63%	0.279%
13	5.884	373	376	377	rBV	58024	91872	1.26%	0.134%
14	5.964	381	383	386	rVB2	230814	269061	3.69%	0.392%
15	6.021	386	388	390	rBV2	83615	168363	2.31%	0.245%
16	6.067	390	392	395	rVB2	430747	537689	7.38%	0.783%
17	6.124	395	397	398	rBV	130191	141713	1.95%	0.206%
18	6.147	398	399	401	rBV2	75032	98939	1.36%	0.144%
19	6.261	406	409	413	rBV2	229103	550090	7.55%	0.801%
20	6.319	413	414	415	rVV	131940	126874	1.74%	0.185%
21	6.341	415	416	421	rVV3	585944	1212172	16.64%	1.765%
22	6.421	421	423	424	rVV2	318790	495513	6.80%	0.721%
23	6.456	424	426	428	rVV	2116246	2840642	39.01%	4.135%
24	6.490	428	429	433	rVV4	422133	658367	9.04%	0.958%
25	6.593	433	438	441	rVV2	2622834	4170319	57.26%	6.071%
26	6.650	441	443	447	rVV3	1162746	2105709	28.91%	3.065%
27	6.707	447	448	449	rVV	147232	182671	2.51%	0.266%
28	6.764	450	453	456	rVV4	325934	1018978	13.99%	1.483%
29	6.822	456	458	459	rVV	1097676	1210299	16.62%	1.762%
30	6.879	462	463	465	rVV2	564213	728062	10.00%	1.060%
31	6.924	465	467	470	rVV3	281575	814270	11.18%	1.185%
32	6.982	470	472	473	rVV2	2600937	3147765	43.22%	4.582%
33	7.004	473	474	476	rVV	486524	503211	6.91%	0.733%
34	7.073	476	480	481	rVV2	449777	797847	10.96%	1.161%

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.096	481	482	484	rVV	394379	514215	7.06%	0.749%
36	7.142	484	486	487	rVV	545363	587876	8.07%	0.856%
37	7.164	487	488	491	rVV3	239150	418415	5.75%	0.609%
38	7.222	491	493	494	rVV	675826	809896	11.12%	1.179%
39	7.244	494	495	498	rVV2	195883	384821	5.28%	0.560%
40	7.313	498	501	502	rVV3	244999	487253	6.69%	0.709%
41	7.393	502	508	510	rVV2	1646765	3844378	52.79%	5.596%
42	7.427	510	511	512	rVV	455628	362939	4.98%	0.528%
43	7.473	512	515	517	rVV2	326801	535569	7.35%	0.780%
44	7.519	517	519	523	rVV3	145064	419964	5.77%	0.611%
45	7.599	523	526	527	rVV	417989	548640	7.53%	0.799%
46	7.633	527	529	531	rVV2	312485	461014	6.33%	0.671%
47	7.713	533	536	538	rVV3	132906	313056	4.30%	0.456%
48	7.747	538	539	541	rVV2	216472	335645	4.61%	0.489%
49	7.850	544	548	549	rVV2	371964	544079	7.47%	0.792%
50	7.873	549	550	553	rVV3	61074	113759	1.56%	0.166%
51	7.930	553	555	558	rVV3	78542	102565	1.41%	0.149%
52	8.102	568	570	574	rVV2	974134	1406187	19.31%	2.047%
53	8.810	630	632	635	rVV	444342	520356	7.15%	0.757%
54	8.913	639	641	643	rVV	592364	514190	7.06%	0.749%
55	9.176	662	664	666	rVB	2053048	2820043	38.72%	4.105%
56	9.279	670	673	675	rBV3	97882	168697	2.32%	0.246%
57	9.439	684	687	689	rBV	150362	214392	2.94%	0.312%
58	9.508	692	693	695	rVV	145778	213794	2.94%	0.311%
59	9.576	697	699	702	rVV	193116	271981	3.73%	0.396%
60	9.850	721	723	725	rVV	943590	968639	13.30%	1.410%
61	9.885	725	726	728	rVB	535643	392415	5.39%	0.571%
62	10.056	739	741	742	rVB	199213	163868	2.25%	0.239%
63	10.399	763	771	773	rBV2	137198	195184	2.68%	0.284%
64	10.479	773	778	783	rVV2	161180	260880	3.58%	0.380%
65	10.639	789	792	794	rBV2	525824	645552	8.86%	0.940%
66	10.765	801	803	806	rVB	112386	177401	2.44%	0.258%
67	11.211	838	842	847	rBV3	90702	215103	2.95%	0.313%
68	11.336	850	853	856	rVV	537182	1330777	18.27%	1.937%
69	11.405	856	859	861	rVV	177934	178193	2.45%	0.259%
70	11.553	870	872	876	rBV2	84322	148851	2.04%	0.217%
71	11.633	876	879	882	rBV2	83046	112436	1.54%	0.164%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.862	897	899	901	rVB	81324	101296	1.39%	0.147%
73	11.942	904	906	910	rVB2	121175	188803	2.59%	0.275%
74	12.354	941	942	946	rBV2	83140	171157	2.35%	0.249%
75	12.536	956	958	960	rBV	808224	688457	9.45%	1.002%
76	12.582	960	962	965	rVB	318609	281040	3.86%	0.409%
77	12.765	974	978	979	rVV2	647131	894075	12.28%	1.302%
78	12.822	979	983	985	rVB3	63325	166736	2.29%	0.243%
79	12.914	989	991	993	rBV	2061894	1868772	25.66%	2.720%
80	13.154	1010	1012	1014	rVV	116964	120663	1.66%	0.176%
81	13.188	1014	1015	1019	rVV2	62108	108788	1.49%	0.158%
82	13.439	1035	1037	1039	rBV	111790	163641	2.25%	0.238%
83	13.496	1039	1042	1047	rVB2	69482	157865	2.17%	0.230%
84	13.588	1048	1050	1053	rBV	64997	96522	1.33%	0.141%
85	13.817	1067	1070	1074	rVB2	163863	284723	3.91%	0.414%
86	13.954	1079	1082	1088	rVB2	852502	1347905	18.51%	1.962%
87	14.137	1096	1098	1100	rVV2	96070	94808	1.30%	0.138%
88	14.434	1123	1124	1127	rBV	116378	182427	2.50%	0.266%
89	14.731	1148	1150	1154	rBV2	86301	126695	1.74%	0.184%
90	14.799	1154	1156	1159	rVB2	115486	128203	1.76%	0.187%
91	14.971	1168	1171	1175	rVB	207061	463250	6.36%	0.674%
92	15.051	1176	1178	1182	rVB2	136356	200058	2.75%	0.291%
93	15.245	1193	1195	1198	rVB	155800	189244	2.60%	0.275%
94	15.302	1198	1200	1203	rVV	184382	243368	3.34%	0.354%
95	15.371	1203	1206	1207	rVV	366097	553036	7.59%	0.805%
96	15.405	1207	1209	1211	rVB3	94383	162237	2.23%	0.236%
97	16.034	1262	1264	1272	rVB	97458	222386	3.05%	0.324%
98	16.434	1297	1299	1306	rVB	84612	157859	2.17%	0.230%
99	16.720	1322	1324	1328	rVB2	74454	127674	1.75%	0.186%
100	17.131	1357	1360	1366	rVB	65121	152513	2.09%	0.222%

Sum of corrected areas: 68695486

LSC Report - Integrated Chromatogram

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Data File : BF087860.D
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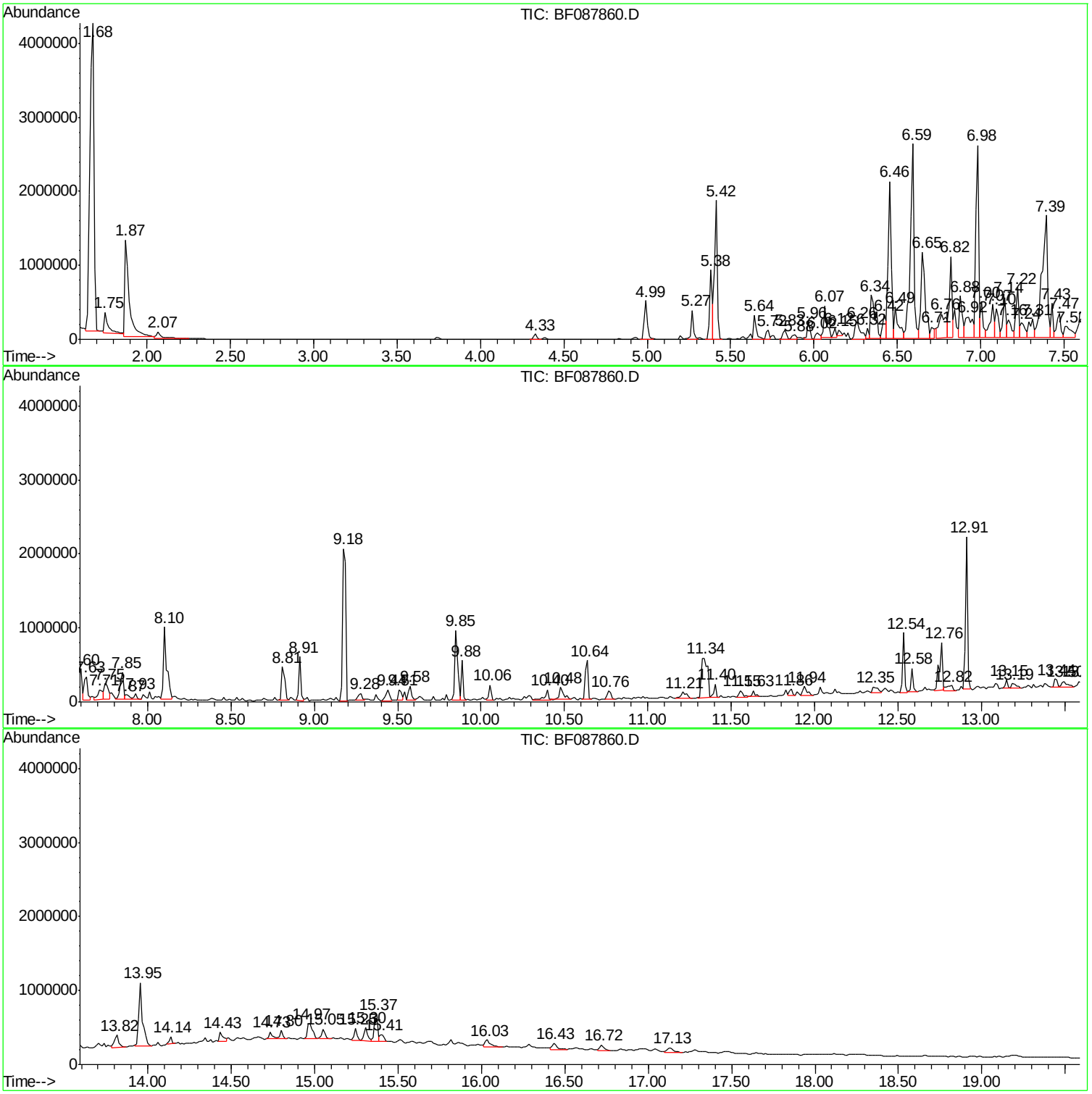
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
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Misc :
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Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

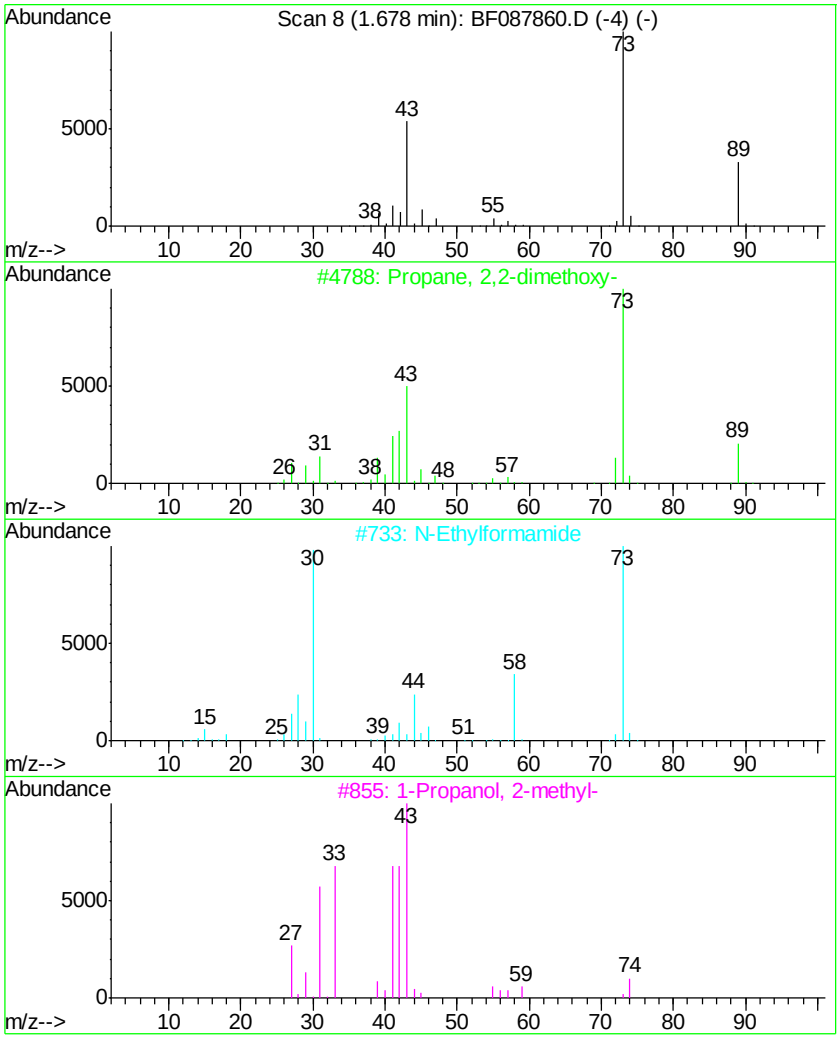
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

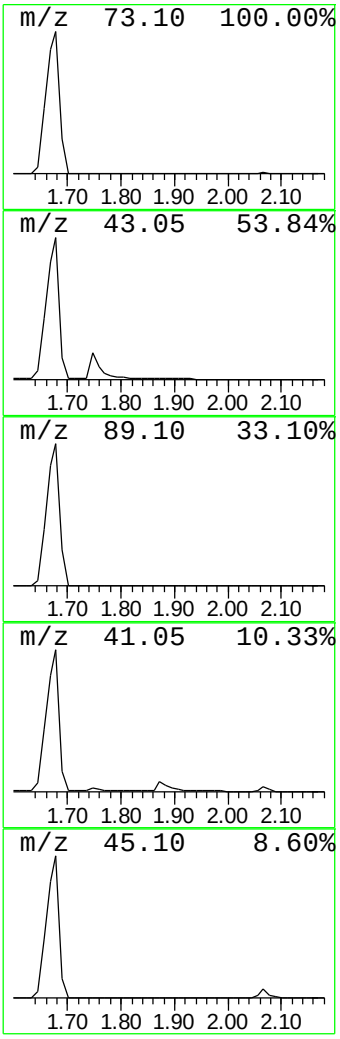
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.68	120.34 ng	7282620	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
Data File : BF087860.D
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Sample : H3380-01
Misc :
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Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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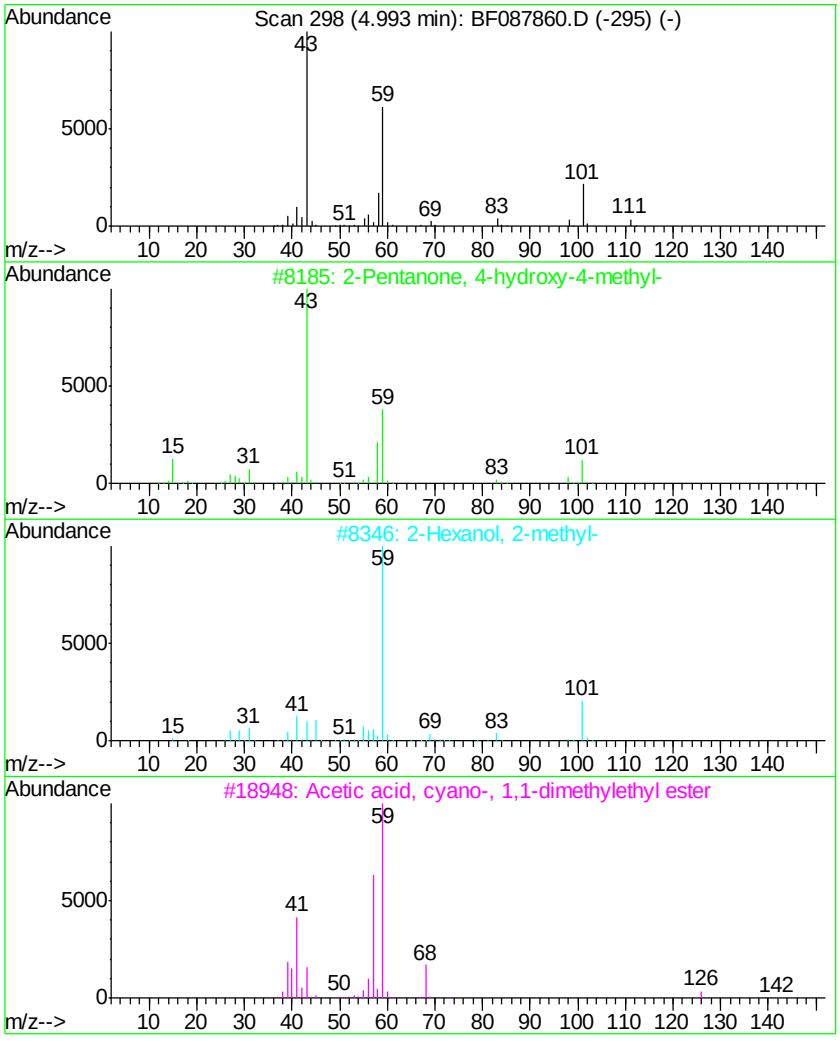
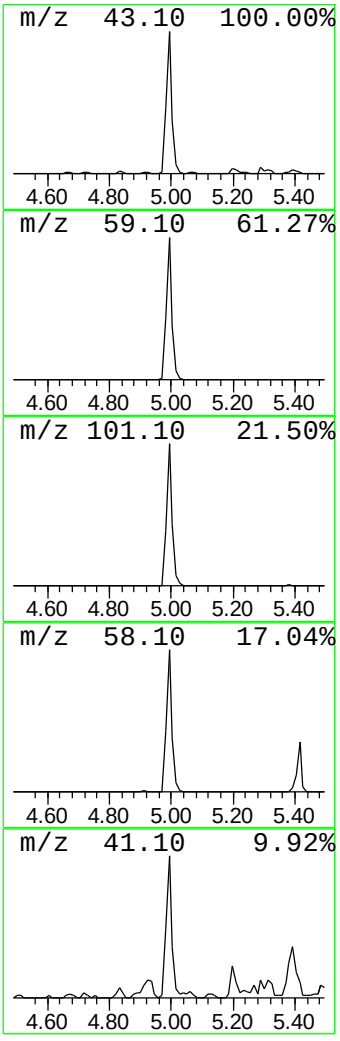
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	11.19 ng	677436	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	12
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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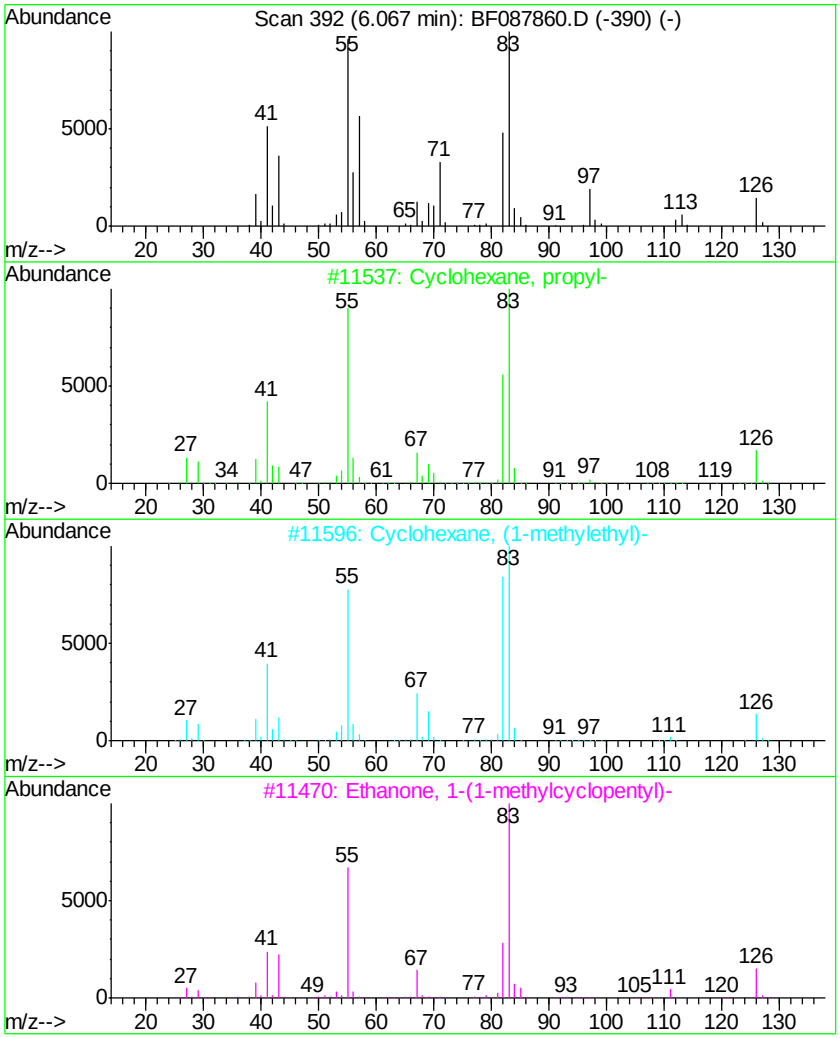
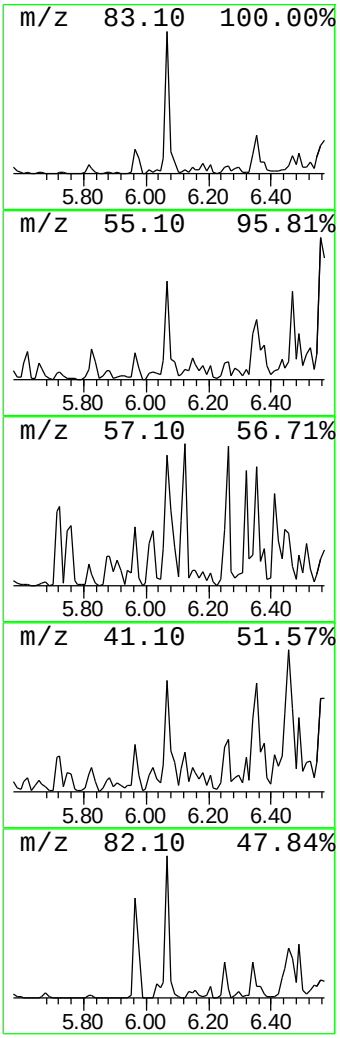
****

Peak Number 5 Cyclohexane, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	8.89 ng	537689	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
3	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	46
4	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	46
5	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	46





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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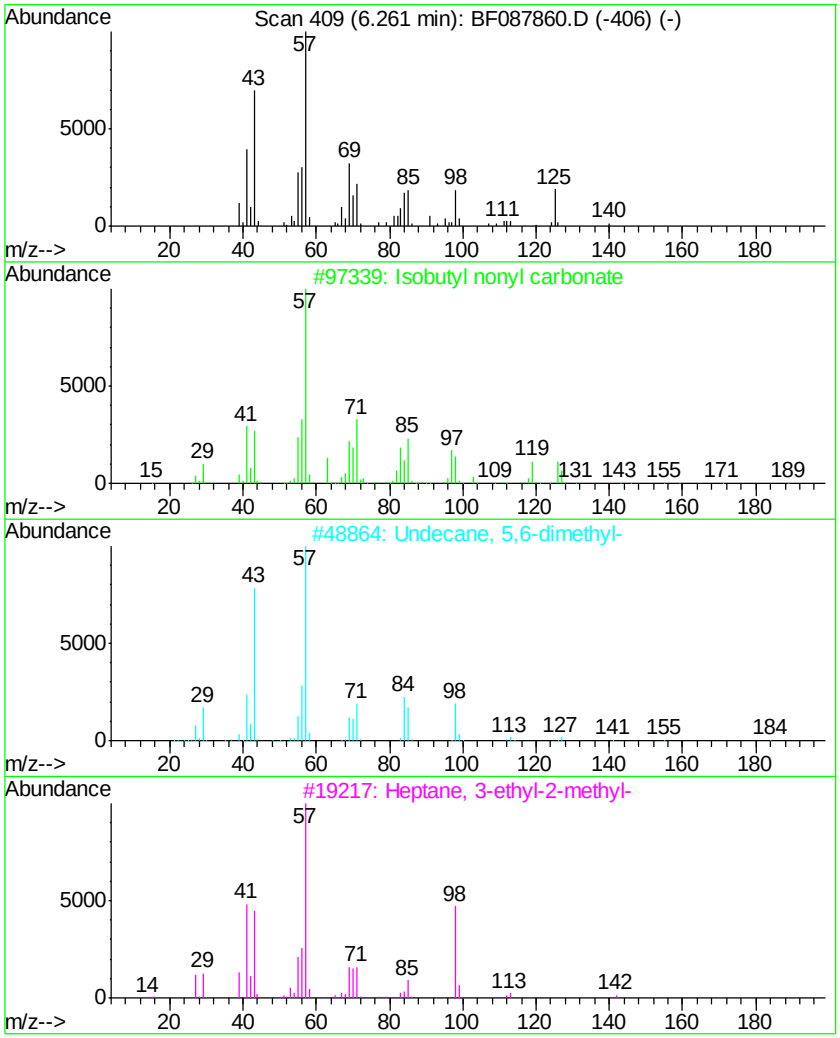
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

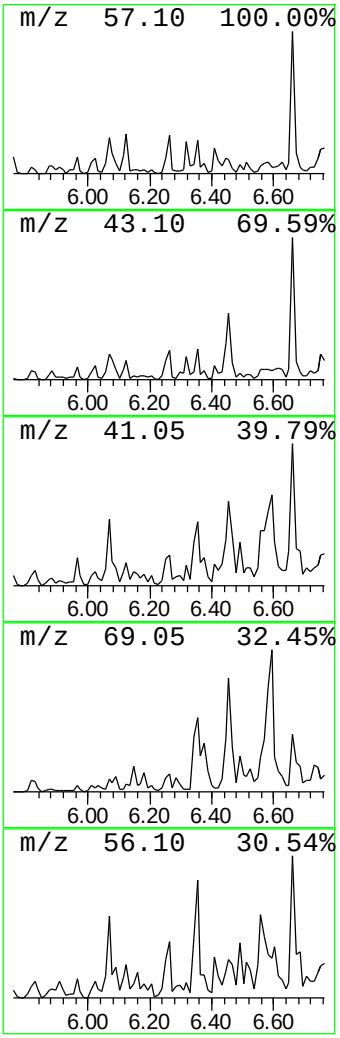
****

Peak Number 6 Isobutyl nonyl carbonate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	9.09 ng	550090	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	59
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
Data File : BF087860.D
Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

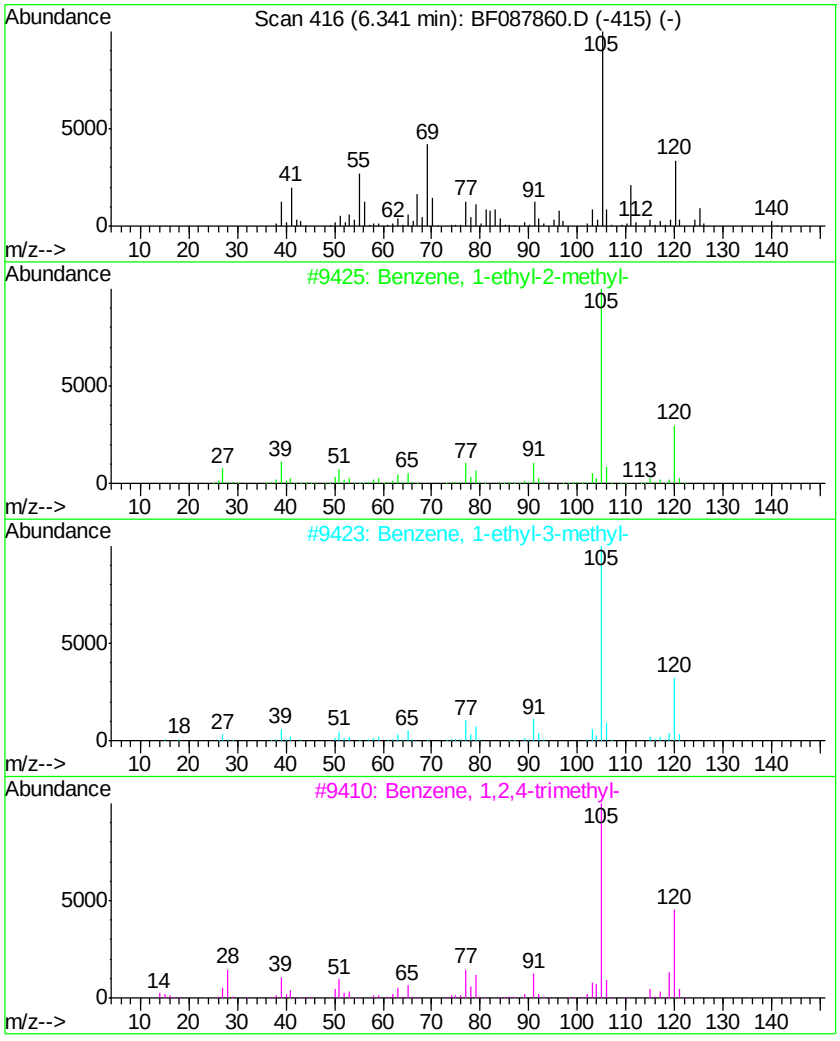
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

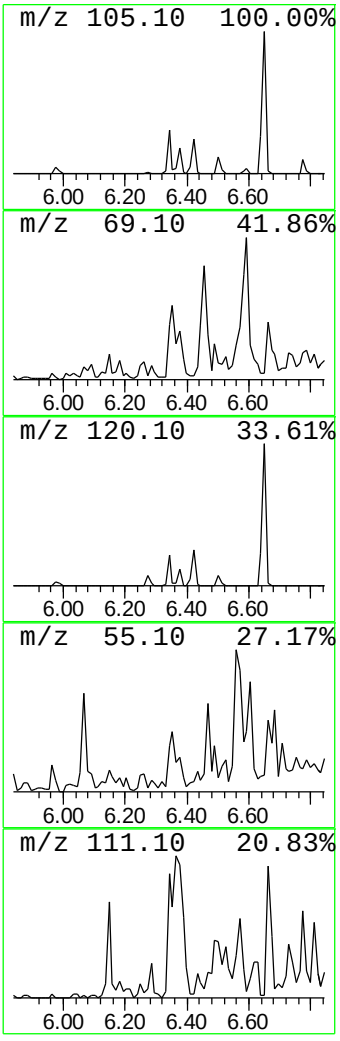
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	20.03 ng	1212170	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60
5	Mesitylene	120	C9H12	000108-67-8	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
Data File : BF087860.D
Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

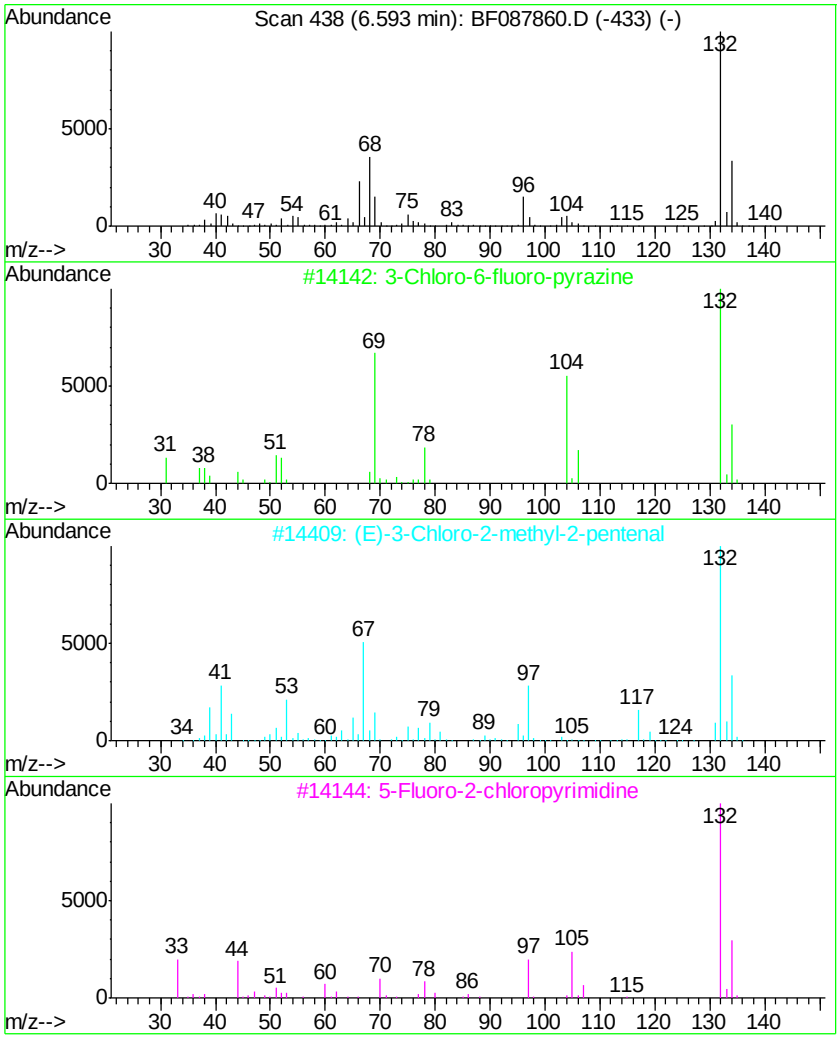
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

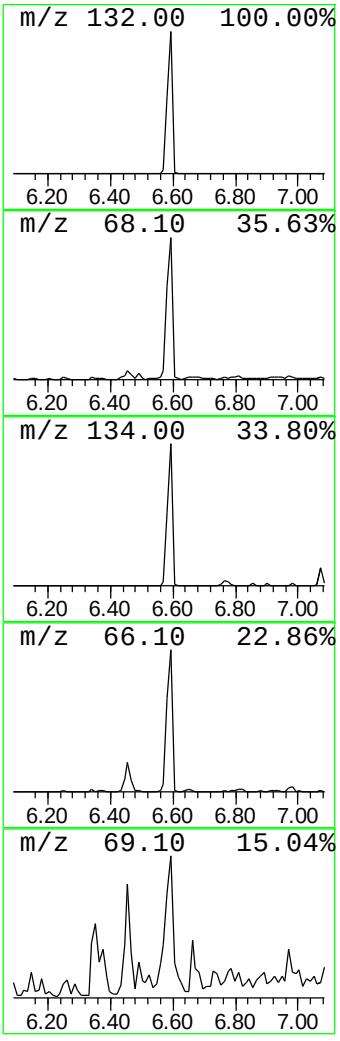
****

Peak Number 8 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	68.91 ng	4170320	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Data File : BF087860.D
Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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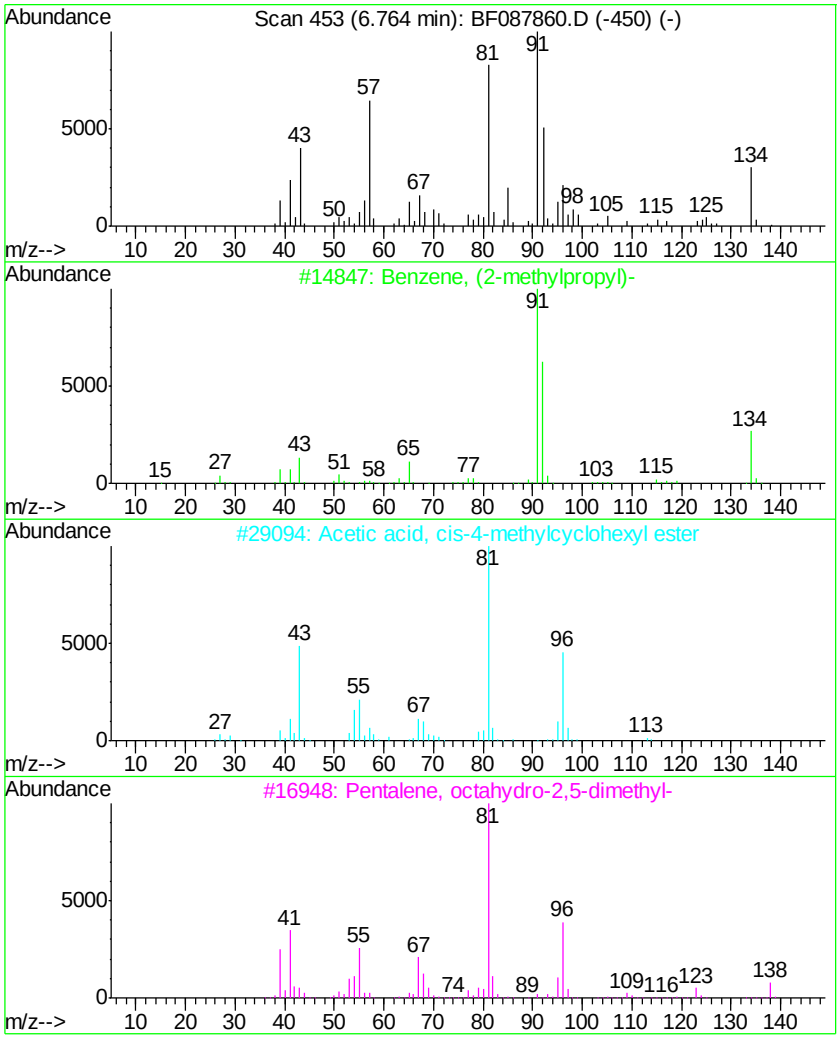
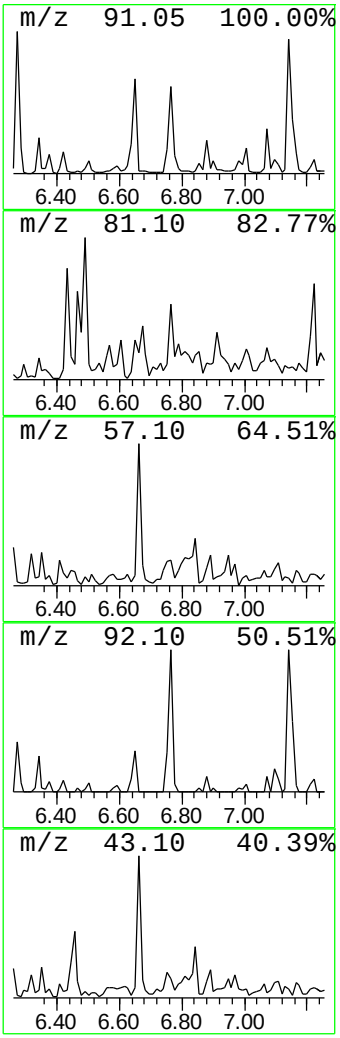
Peak Number 10 unknown6.76 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	16.84 ng	1018980	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	38
2	Acetic acid, cis-4-methylcyclohe...	156	C9H16O2	1000368-24-8	35
3	Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	35
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	35
5	Formic acid, cis-4-methylcyclohe...	142	C8H14O2	1000368-24-7	35





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Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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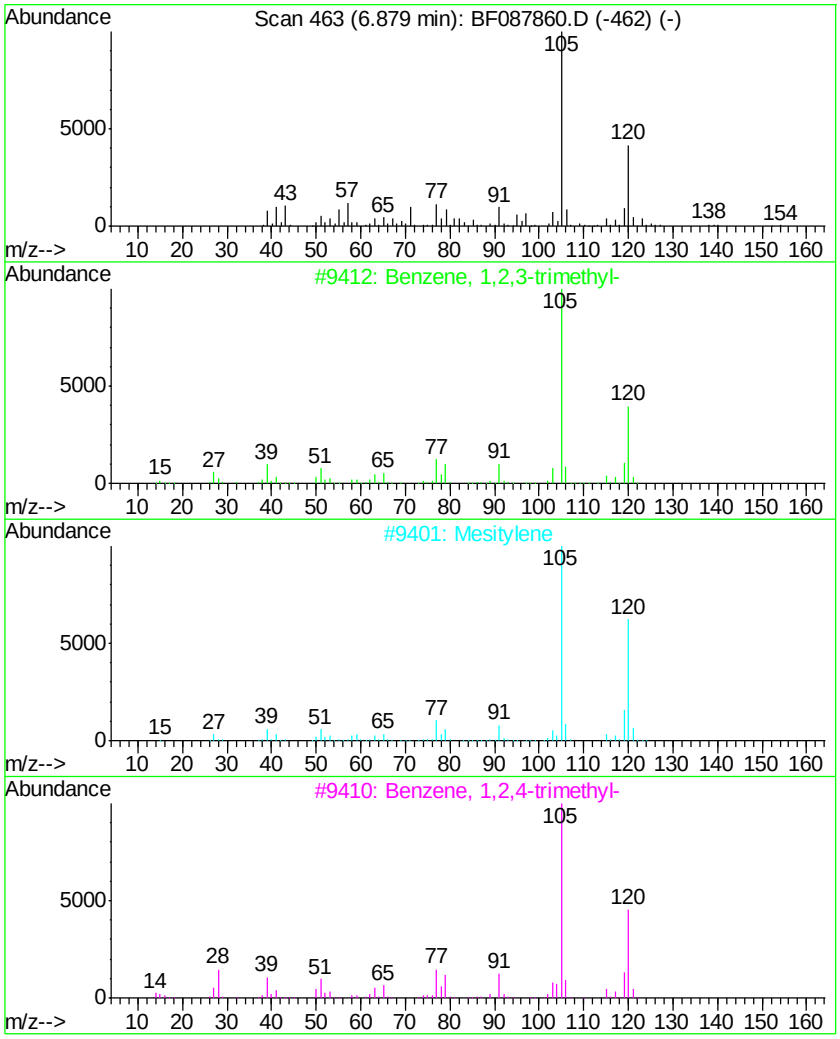
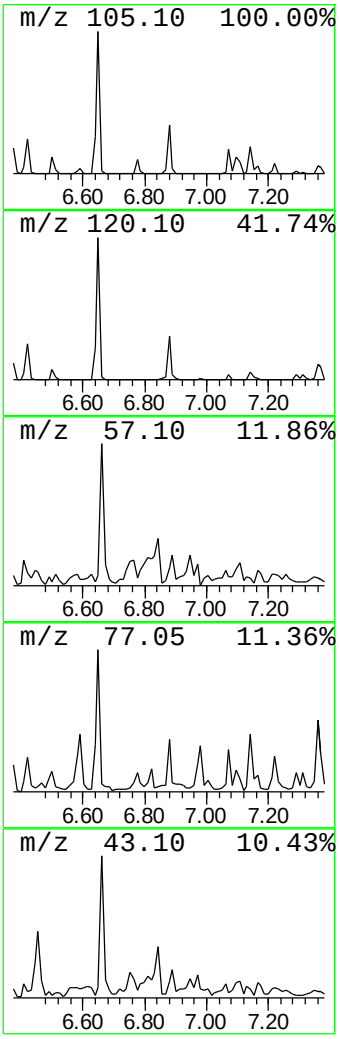
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	12.03 ng	728062	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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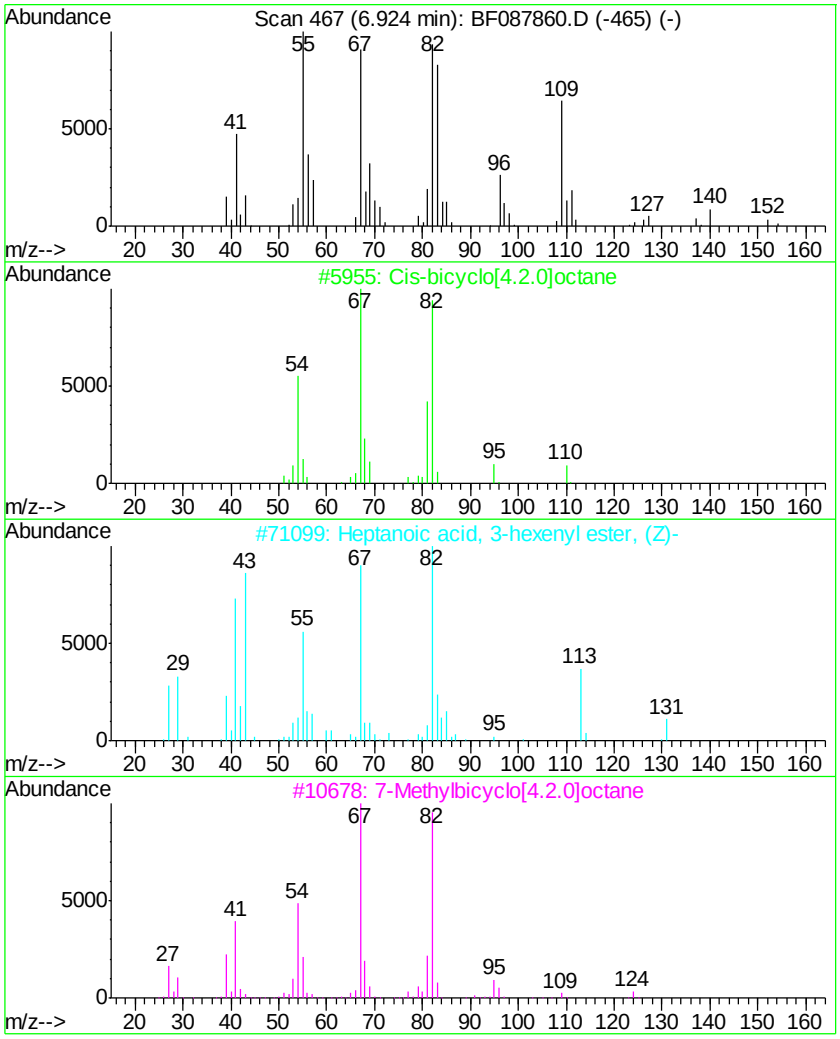
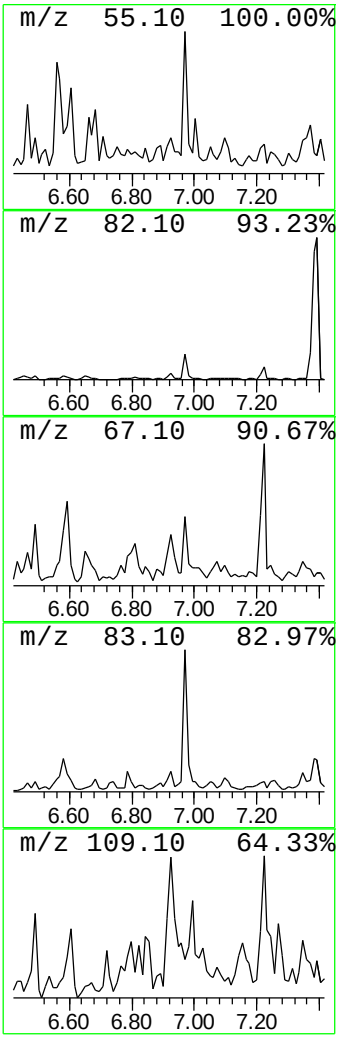
Peak Number 12 unknown6.92 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	13.46 ng	814270	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	43
2	Heptanoic acid, 3-hexenyl ester,...	212	C13H24O2	061444-39-1	43
3	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	43
4	Fumaric acid, cis-hex-3-enyl non...	324	C19H32O4	1000348-86-5	43
5	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
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Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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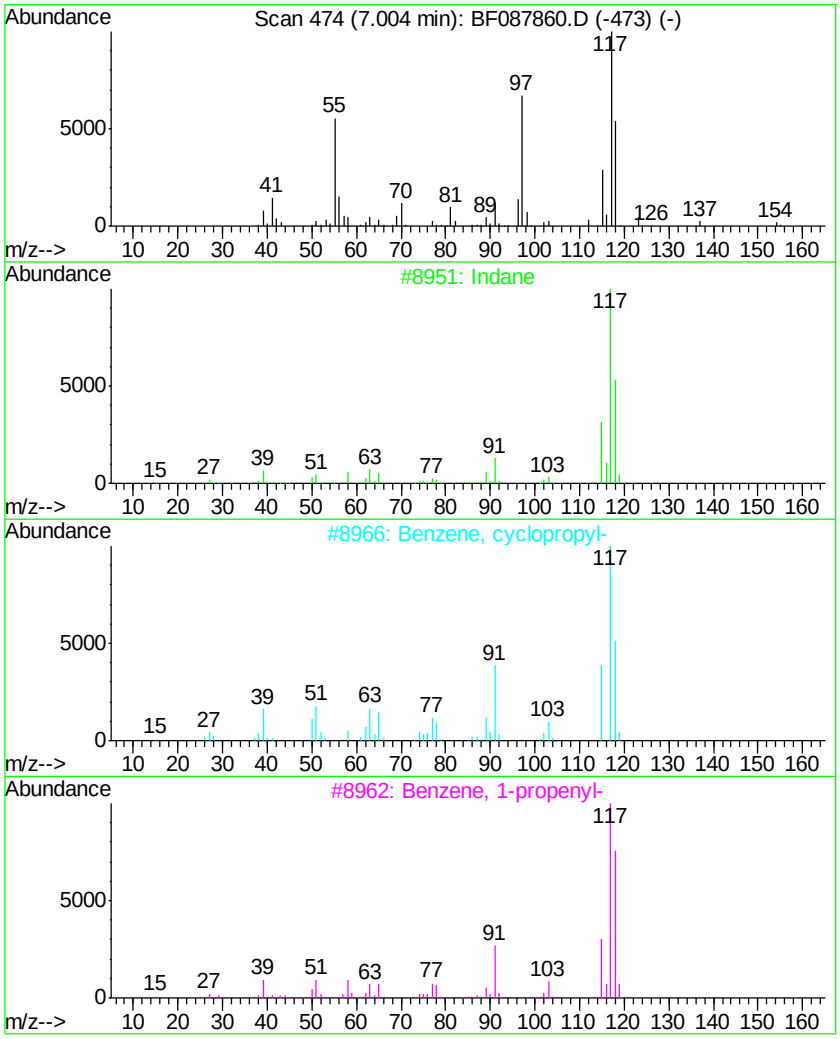
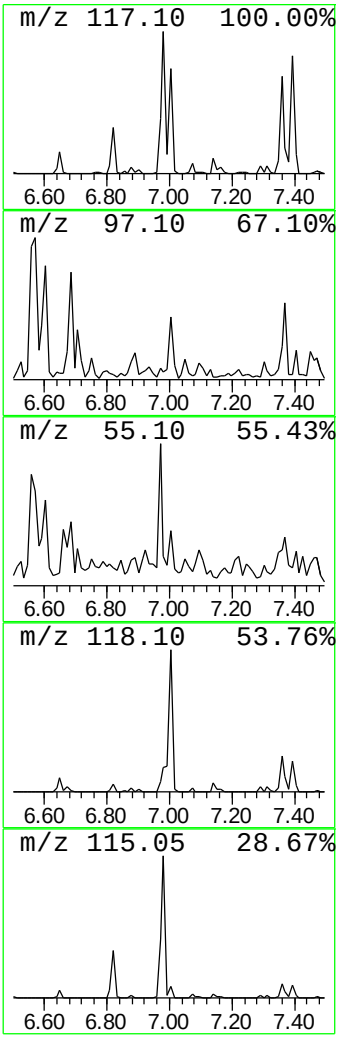
Peak Number 14 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	8.32 ng	503211	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	53
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	53
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	47
5	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	47





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Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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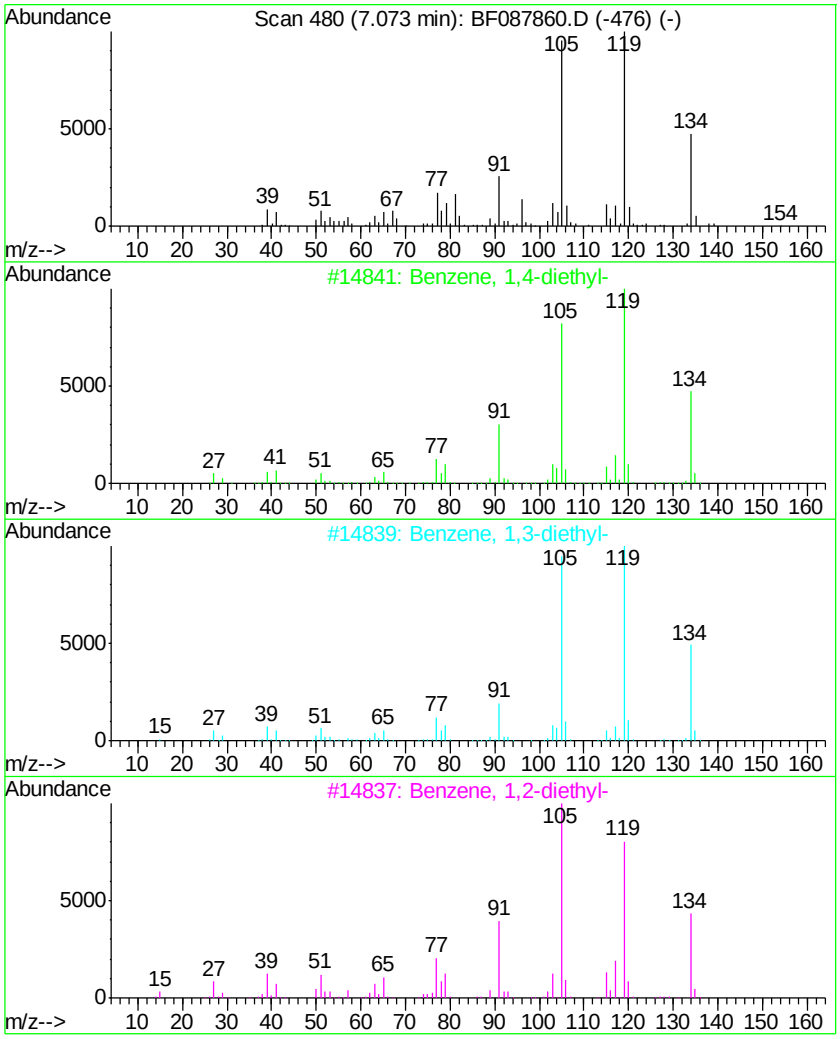
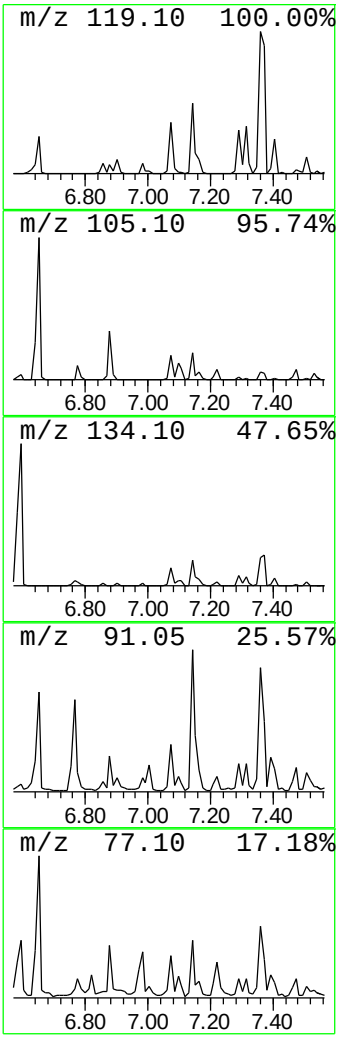
Peak Number 15 Benzene, 1,4-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	13.18 ng	797847	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





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Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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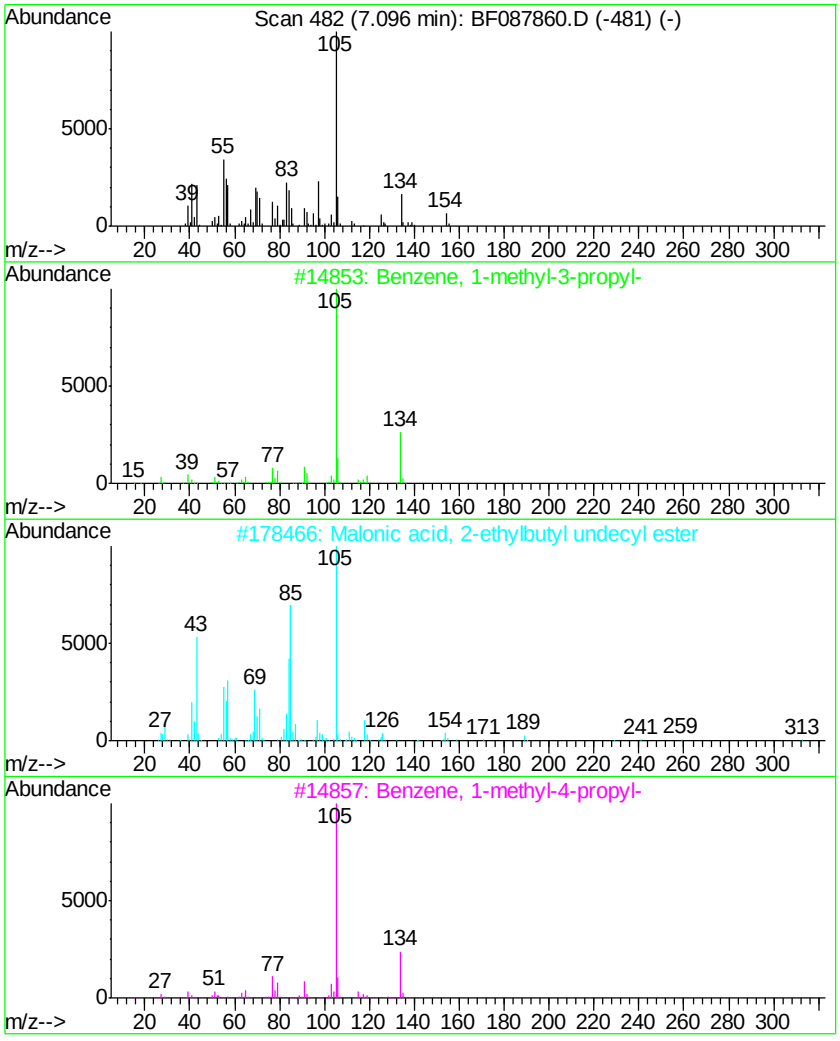
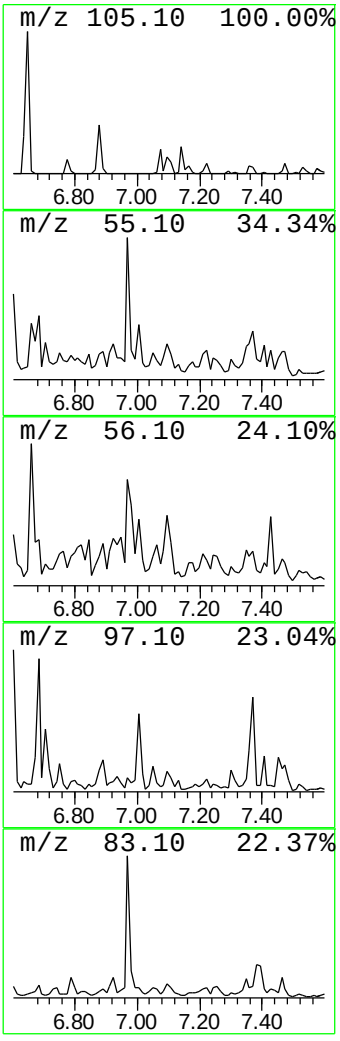
Peak Number 16 unknown7.10 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	8.50 ng	514215	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	35
2	Malonic acid, 2-ethylbutyl undec...	342	C20H38O4	1000348-96-2	32
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	20
4	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	18
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	18





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Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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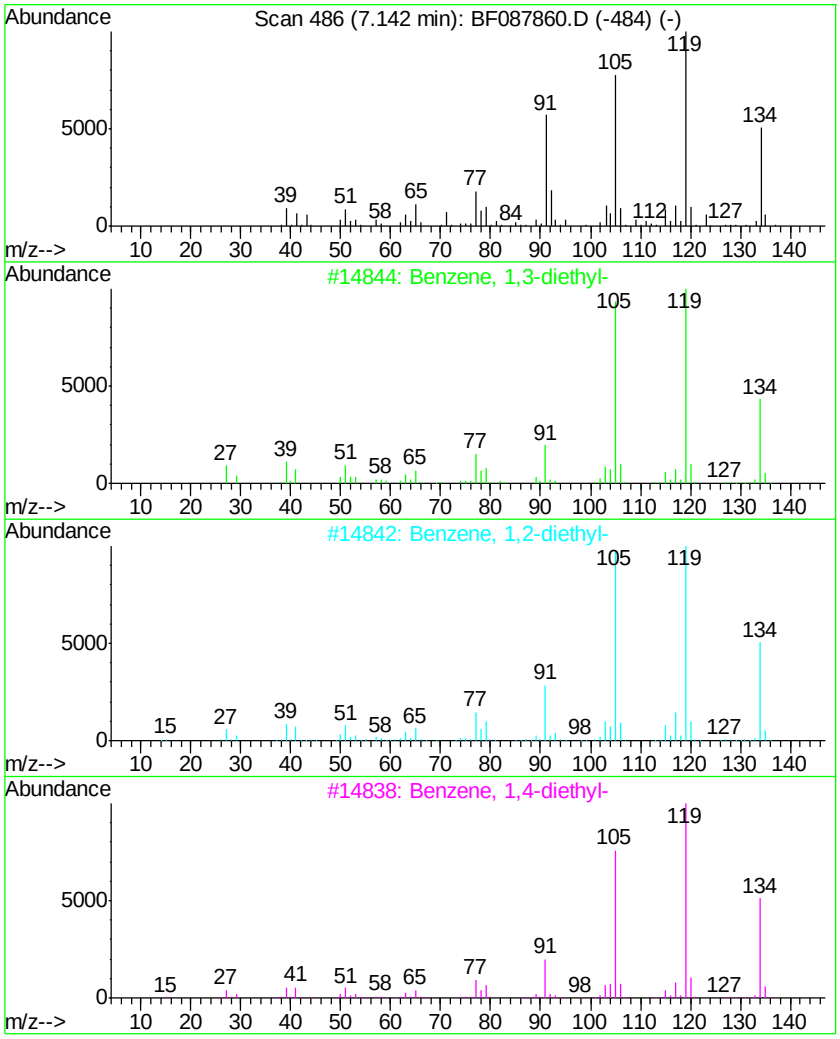
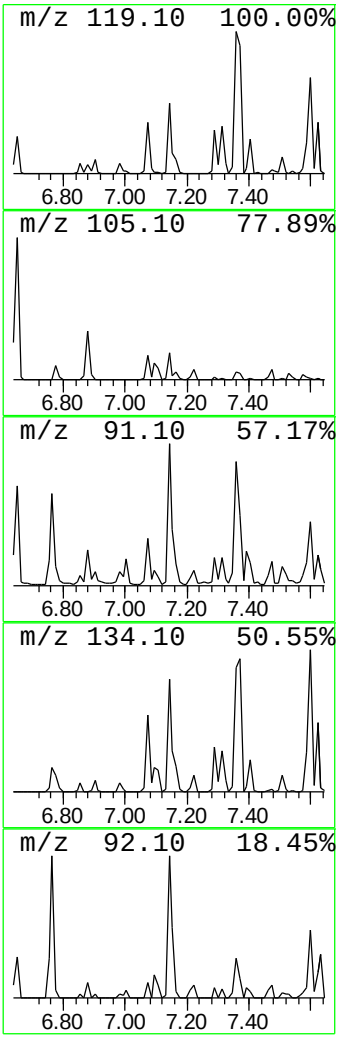
Peak Number 17 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	9.71 ng	587876	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	p-Cymene	134	C10H14	000099-87-6	93





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Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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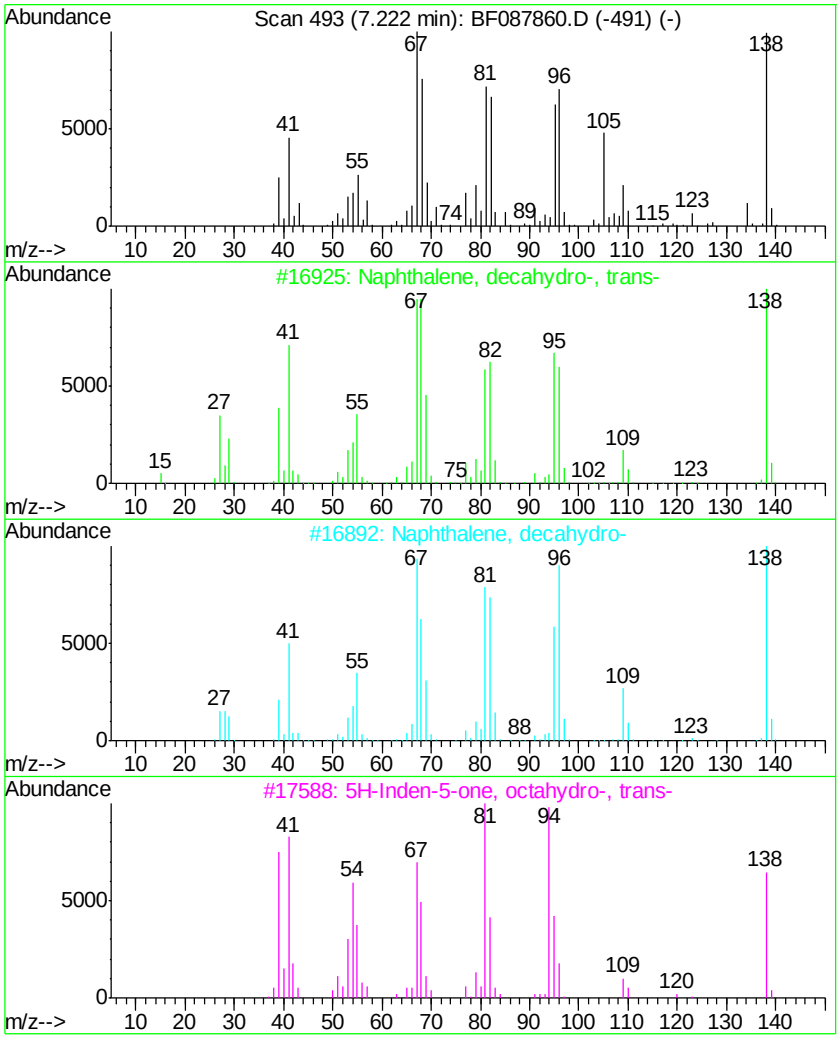
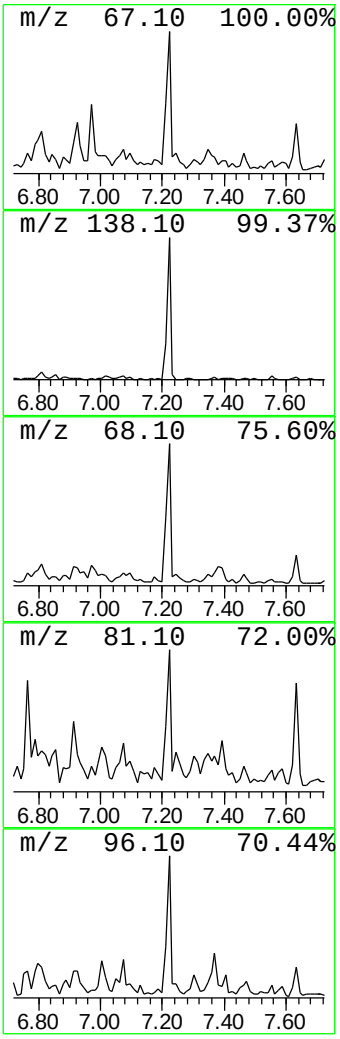
Peak Number 18 Naphthalene, decahydro-, tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	13.38 ng	809896	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
3	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	80
4	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	80
5	2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	80





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Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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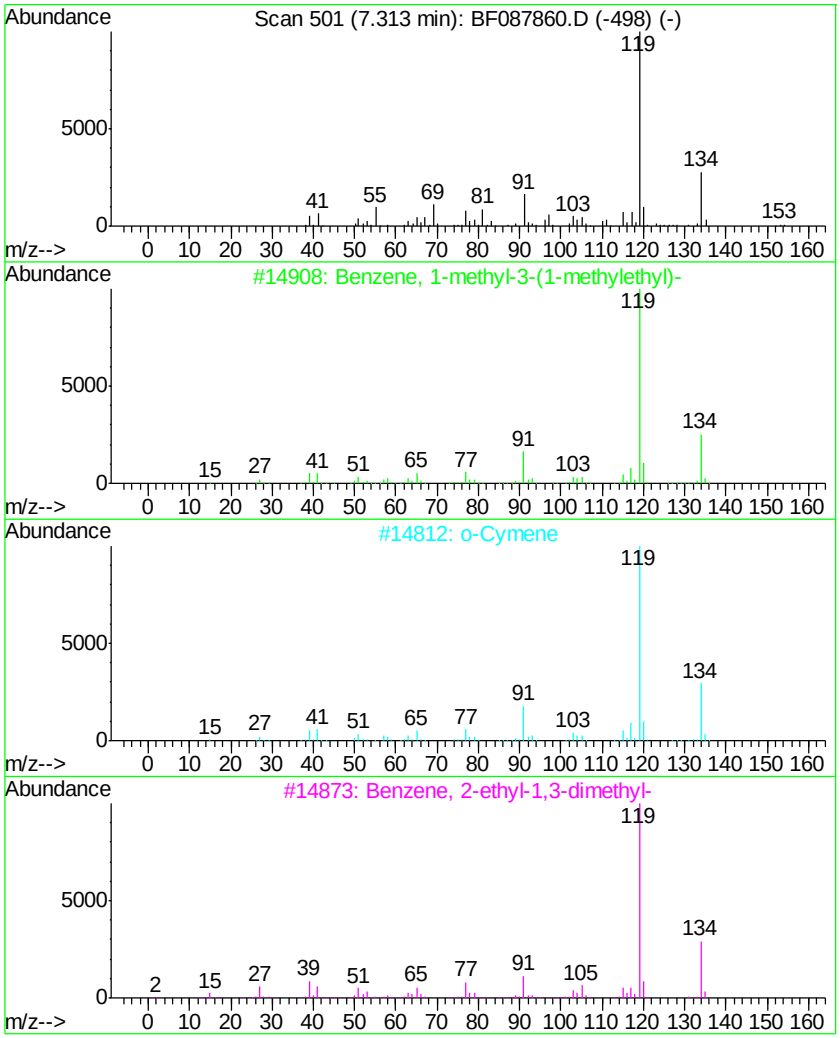
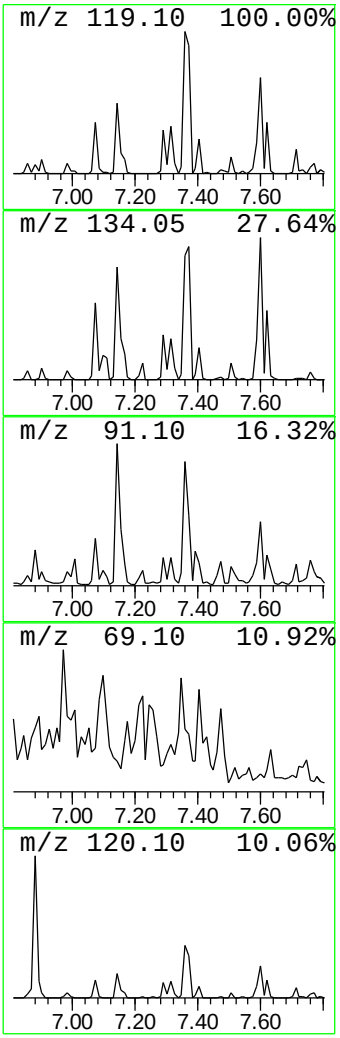
Peak Number 19 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	8.05 ng	487253	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91





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Data File : BF087860.D
Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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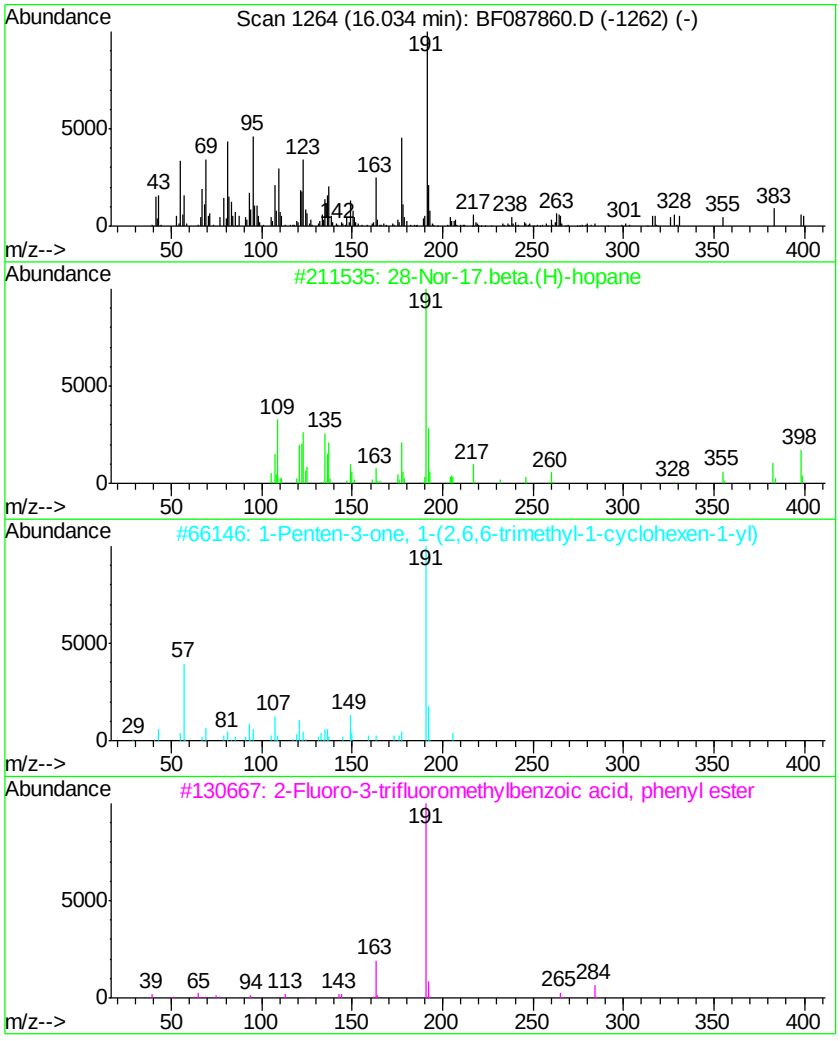
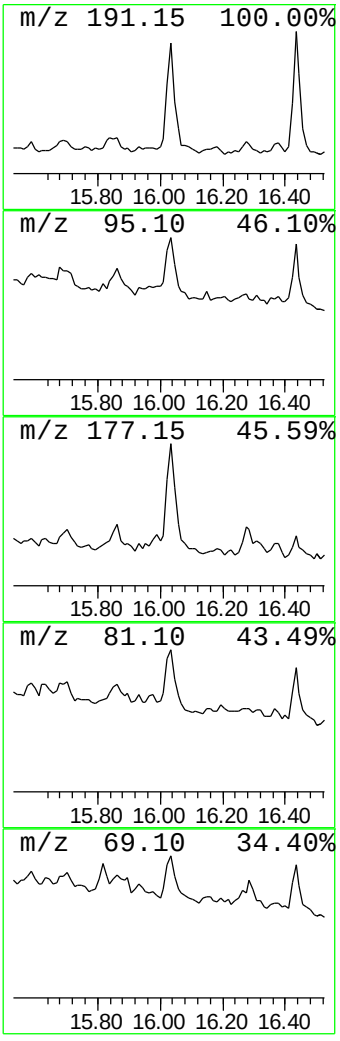
Peak Number 20 unknown16.03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	8.04 ng	222386	Perylene-d12	15.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	38
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35
3	2-Fluoro-3-trifluoromethylbenzoi...	284	C14H8F4O2	1000357-64-3	25
4	2,3-Dimethyl-6-(3-methyl-butyryl...	248	C15H20O3	071940-30-2	25
5	3-Fluoro-4-trifluoromethylbenzoi...	326	C17H14F4O2	1000357-35-6	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060916\
Data File : BF087860.D
Acq On : 9 Jun 2016 18:55
Operator : UM/SJ
Sample : H3380-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.68	120.3	ng	7282620	1	6.82	1210300	20.0
2-Pentanone, 4-hy...	4.99	11.2	ng	677436	1	6.82	1210300	20.0
Cyclohexane, propyl-	6.07	8.9	ng	537689	1	6.82	1210300	20.0
Isobutyl nonyl ca...	6.26	9.1	ng	550090	1	6.82	1210300	20.0
Benzene, 1-ethyl-...	6.34	20.0	ng	1212170	1	6.82	1210300	20.0
unknown6.59	6.59	68.9	ng	4170320	1	6.82	1210300	20.0
unknown6.76	6.76	16.8	ng	1018980	1	6.82	1210300	20.0
Benzene, 1,2,3-tr...	6.88	12.0	ng	728062	1	6.82	1210300	20.0
unknown6.92	6.92	13.5	ng	814270	1	6.82	1210300	20.0
Indane	7.00	8.3	ng	503211	1	6.82	1210300	20.0
Benzene, 1,4-diet...	7.07	13.2	ng	797847	1	6.82	1210300	20.0
unknown7.10	7.10	8.5	ng	514215	1	6.82	1210300	20.0
Benzene, 1,3-diet...	7.14	9.7	ng	587876	1	6.82	1210300	20.0
Naphthalene, deca...	7.22	13.4	ng	809896	1	6.82	1210300	20.0
Benzene, 1-methyl...	7.31	8.1	ng	487253	1	6.82	1210300	20.0
unknown16.03	16.03	8.0	ng	222386	6	15.37	553036	20.0