LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084930.D
Acq On : 8 Feb 2016 15:59
Operator : SJ/IZ
Sample : H1311-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.475	21	34	38	rBV	73915	245936	4.04%	0.346%
2	2.795	57	62	67	rVB3	29562	83320	1.37%	0.117%
3	2.967	71	77	80	rBV2	44649	112817	1.85%	0.159%
4	3.115	85	90	95	rVV2	38208	86243	1.42%	0.121%
5	3.355	107	111	118	rVB2	121666	334425	5.49%	0.471%
6	3.481	118	122	124	rVV2	33139	73944	1.21%	0.104%
7	3.550	124	128	132	rVB	111701	248163	4.08%	0.349%
8	3.733	138	144	147	rBV3	119539	260364	4.28%	0.367%
9	3.915	156	160	162	rBV2	43488	93044	1.53%	0.131%
10	3.973	162	165	168	rVV2	45758	91838	1.51%	0.129%
11	4.133	176	179	183	rVB2	357771	571466	9.39%	0.804%
12	4.258	186	190	195	rBV2	119813	235036	3.86%	0.331%
13	4.613	219	221	223	rVB	155203	170841	2.81%	0.240%
14	4.670	223	226	227	rBV2	59006	109469	1.80%	0.154%
15	4.704	227	229	232	rVB2	287462	384795	6.32%	0.542%
16	4.773	232	235	236	rBV	148669	200632	3.30%	0.282%
17	4.807	236	238	244	rVB	899501	1588019	26.08%	2.235%
18	4.910	244	247	252	rVB3	49317	128669	2.11%	0.181%
19	4.990	252	254	256	rBV	140764	219103	3.60%	0.308%
20	5.070	259	261	262	rVV	139258	170374	2.80%	0.240%
21	5.093	262	263	264	rVV	168238	159102	2.61%	0.224%
22	5.116	264	265	269	rVB	176354	222757	3.66%	0.314%
23	5.196	269	272	274	rBV2	497507	1069365	17.56%	1.505%
24	5.253	274	277	279	rVV	4264500	5490000	90.17%	7.728%
25	5.287	279	280	283	rVB2	76239	86564	1.42%	0.122%
26	5.378	286	288	291	rBV	173798	272953	4.48%	0.384%
27	5.424	291	292	293	rVB	125185	85814	1.41%	0.121%
28	5.470	293	296	299	rBV4	98711	200739	3.30%	0.283%
29	5.538	299	302	304	rVB	426397	547565	8.99%	0.771%
30	5.641	308	311	313	rVB3	134449	216436	3.56%	0.305%
31	5.698	313	316	320	rBV4	63744	180345	2.96%	0.254%
32	5.779	320	323	326	rBV3	204267	331685	5.45%	0.467%
33	5.836	326	328	330	rBV2	57593	82695	1.36%	0.116%
34	5.881	330	332	335	rBV	340806	394712	6.48%	0.556%

LSC Area Percent Report

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Sample : H1311-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.939	335	337	340	rBV	105810	137918	2.27%	0.194%
36	6.099	346	351	352	rBV2	248373	381045	6.26%	0.536%
37	6.167	352	357	358	rVV3	753908	1128051	18.53%	1.588%
38	6.201	358	360	362	rVB	361733	453593	7.45%	0.639%
39	6.247	362	364	366	rBV2	410063	564623	9.27%	0.795%
40	6.304	366	369	372	rVV	3484853	6088210	100.00%	8.570%
41	6.384	374	376	377	rVV2	63504	92055	1.51%	0.130%
42	6.419	377	379	382	rVV	4495602	4959157	81.46%	6.981%
43	6.476	382	384	388	rVV	1565080	1753507	28.80%	2.468%
44	6.590	392	394	397	rVV3	79836	196271	3.22%	0.276%
45	6.647	397	399	400	rVV	1307468	1102941	18.12%	1.553%
46	6.670	400	401	403	rVV2	194085	253627	4.17%	0.357%
47	6.704	403	404	409	rVV	472978	548368	9.01%	0.772%
48	6.807	410	413	414	rVV	4184809	4158989	68.31%	5.855%
49	6.830	414	415	417	rVB	227632	173242	2.85%	0.244%
50	6.910	417	422	423	rBV2	143908	331707	5.45%	0.467%
51	6.933	423	424	426	rVV	406627	369160	6.06%	0.520%
52	6.979	426	428	429	rVV2	494252	569212	9.35%	0.801%
53	7.001	429	430	432	rVV	220740	192033	3.15%	0.270%
54	7.047	432	434	437	rVV	266440	299457	4.92%	0.422%
55	7.127	439	441	444	rVV	185466	397019	6.52%	0.559%
56	7.219	444	449	451	rVV2	2726215	3977827	65.34%	5.600%
57	7.264	451	453	454	rVV	216446	195530	3.21%	0.275%
58	7.310	454	457	458	rVV3	110968	178268	2.93%	0.251%
59	7.344	458	460	461	rVV2	127263	174044	2.86%	0.245%
60	7.379	461	463	465	rVV	75040	114945	1.89%	0.162%
61	7.424	465	467	468	rVV2	250975	287406	4.72%	0.405%
62	7.459	468	470	472	rVV	309361	381378	6.26%	0.537%
63	7.573	476	480	481	rVV3	122613	265634	4.36%	0.374%
64	7.607	481	483	484	rVV2	247974	309541	5.08%	0.436%
65	7.676	487	489	491	rVV3	433865	647751	10.64%	0.912%
66	7.710	491	492	494	rVV	186296	187882	3.09%	0.264%
67	7.756	494	496	499	rVB3	108981	237029	3.89%	0.334%
68	7.813	499	501	503	rBV	120531	99656	1.64%	0.140%
69	7.939	509	512	513	rBV	1343668	1582079	25.99%	2.227%
70	7.962	513	514	517	rVB2	219860	270770	4.45%	0.381%
71	8.030	517	520	522	rVB2	74997	140175	2.30%	0.197%

LSC Area Percent Report

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Acq On : 8 Feb 2016 15:59
Operator : SJ/IZ
Sample : H1311-08
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.122	525	528	532	rVB4	44475	100711	1.65%	0.142%
73	8.213	532	536	537	rBV3	67940	127989	2.10%	0.180%
74	8.327	544	546	547	rVB	102961	90957	1.49%	0.128%
75	8.373	547	550	552	rVV3	49757	71747	1.18%	0.101%
76	8.544	562	565	566	rBV3	60513	94401	1.55%	0.133%
77	8.647	571	574	576	rVB2	36463	69774	1.15%	0.098%
78	8.750	580	583	585	rBV	93193	133233	2.19%	0.188%
79	9.013	603	606	609	rVB	4326547	4889939	80.32%	6.884%
80	9.413	639	641	643	rBV	1056116	890984	14.63%	1.254%
81	9.630	655	660	662	rBV2	116141	131121	2.15%	0.185%
82	9.687	662	665	667	rBV	1404397	1584025	26.02%	2.230%
83	10.133	697	704	705	rBV	139446	157365	2.58%	0.222%
84	10.350	720	723	724	rBV	60060	84218	1.38%	0.119%
85	10.476	731	734	736	rBV	3671103	3997597	65.66%	5.627%
86	10.602	743	745	749	rBV	188446	224672	3.69%	0.316%
87	11.048	782	784	785	rBV2	112880	102823	1.69%	0.145%
88	11.162	791	794	795	rBV	1813699	1616156	26.55%	2.275%
89	11.185	795	796	798	rVV	248408	181148	2.98%	0.255%
90	12.213	885	886	892	rVV3	38676	74952	1.23%	0.106%
91	12.293	892	893	896	rVV2	65250	71442	1.17%	0.101%
92	12.362	897	899	902	rVB	223637	247776	4.07%	0.349%
93	12.591	916	919	921	rBV2	318925	353686	5.81%	0.498%
94	12.751	930	933	935	rVB	4764086	4670454	76.71%	6.575%
95	13.288	978	980	982	rBV	89722	83011	1.36%	0.117%
96	13.654	1009	1012	1020	rBV2	145691	215625	3.54%	0.304%
97	13.791	1021	1024	1026	rBV	1579039	1622073	26.64%	2.283%
98	14.557	1088	1091	1096	rBV3	45786	93678	1.54%	0.132%
99	14.785	1109	1111	1116	rVB	68757	116038	1.91%	0.163%
100	15.151	1141	1143	1146	rBV	805683	990897	16.28%	1.395%

Sum of corrected areas: 71037822

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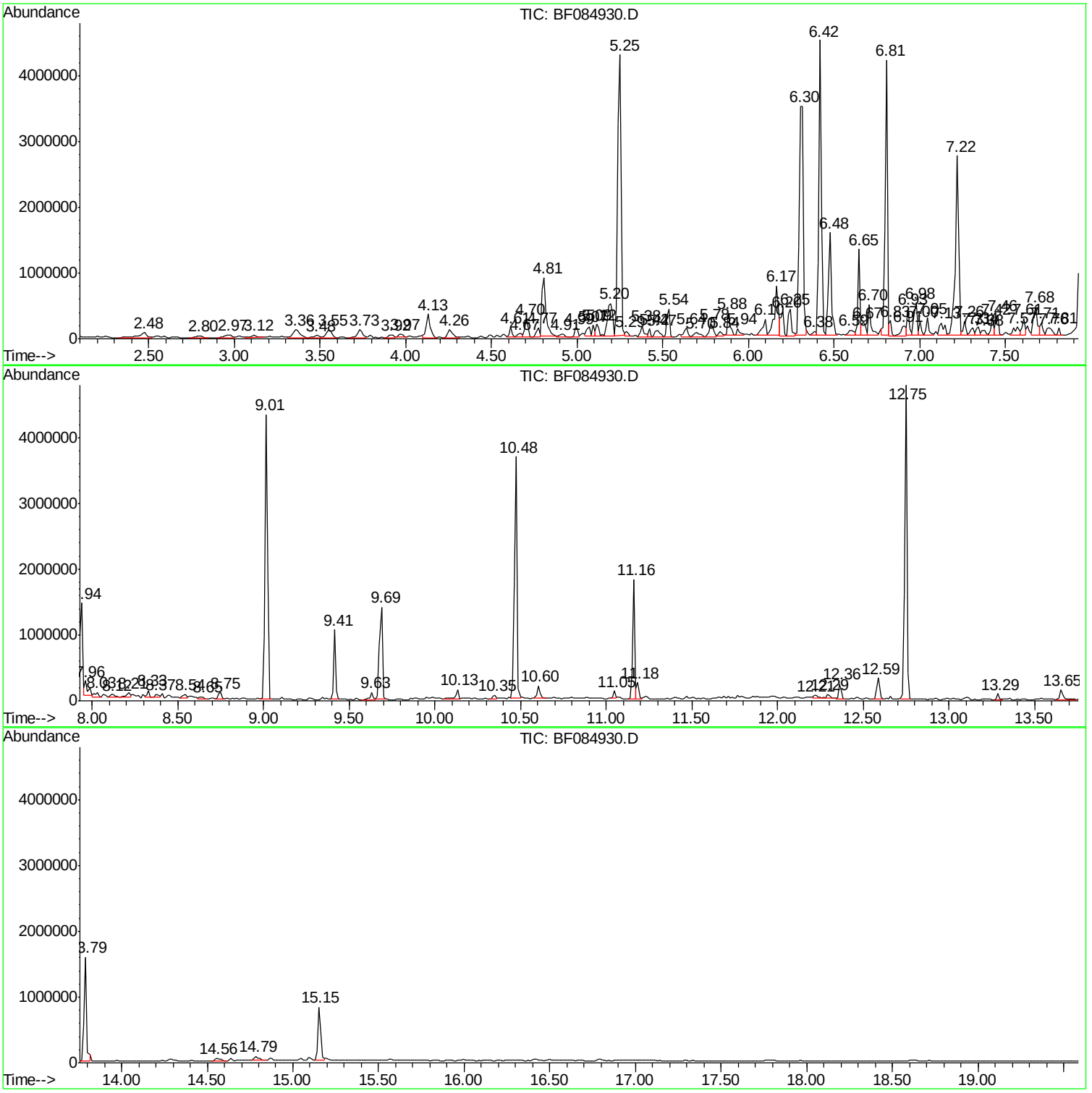
Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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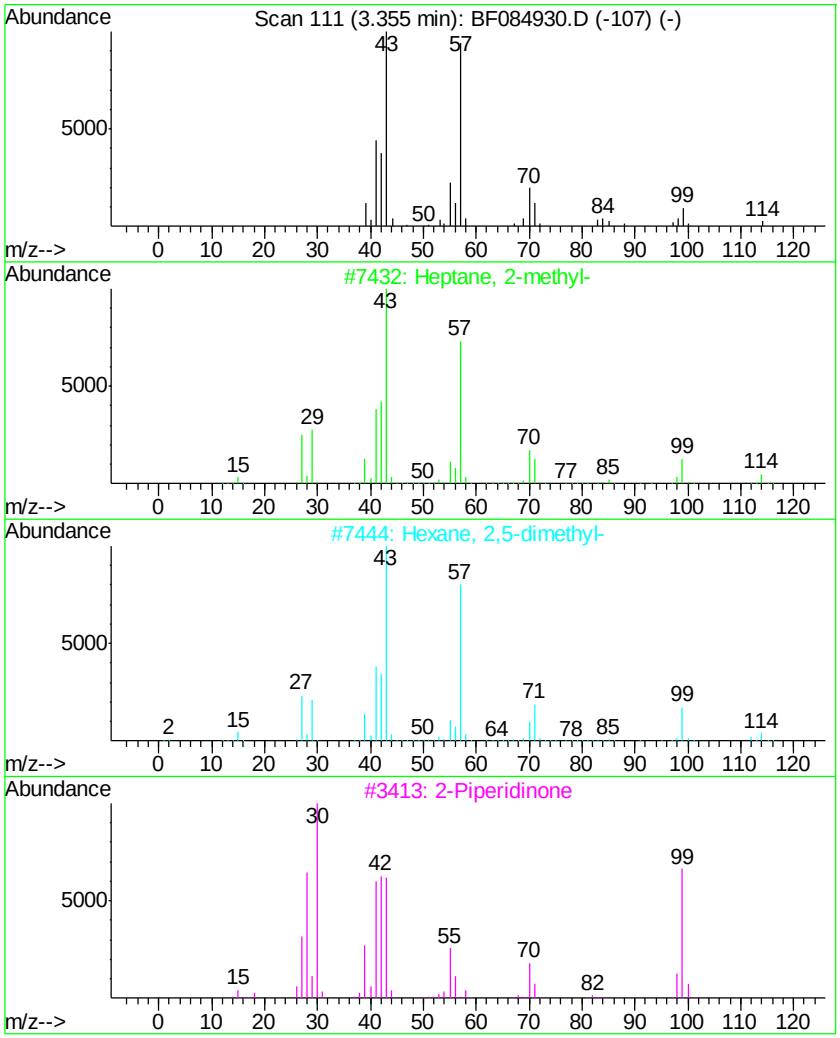
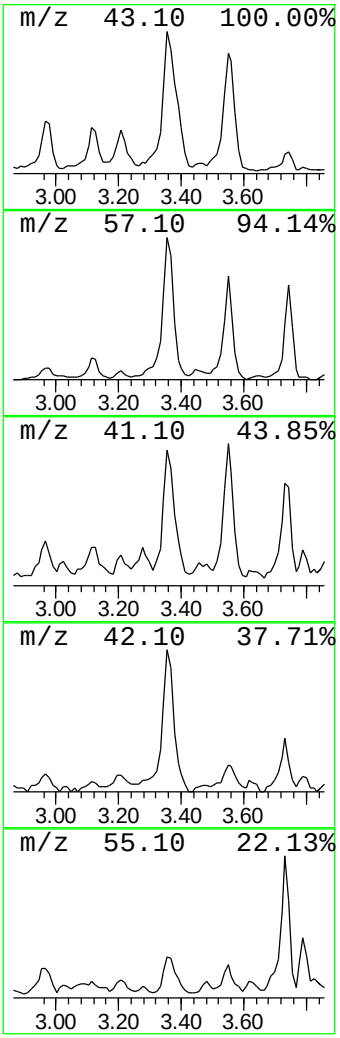
****

Peak Number 1 Heptane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	6.06 ng	334425	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	56
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
3	2-Piperidinone	99	C5H9NO	000675-20-7	52
4	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	43
5	Cyclohexanol, 4-methyl-	114	C7H14O	000589-91-3	38





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Data File : BF084930.D
Acq On : 8 Feb 2016 15:59
Operator : SJ/IZ
Sample : H1311-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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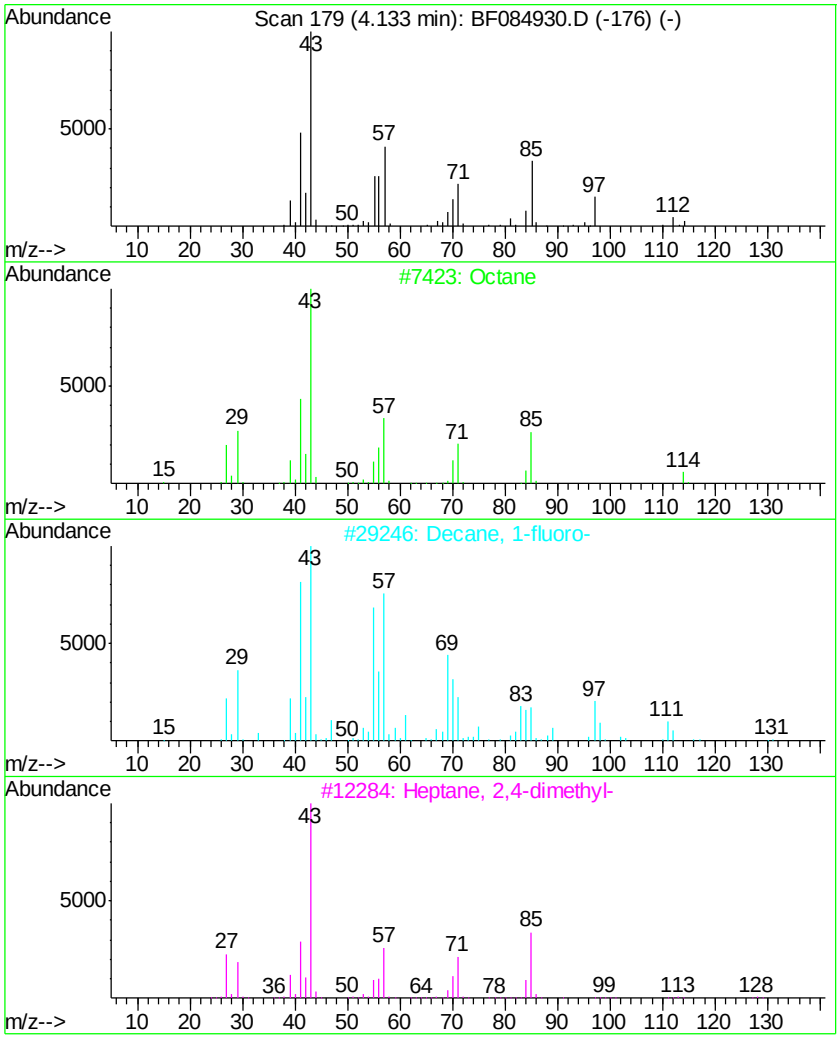
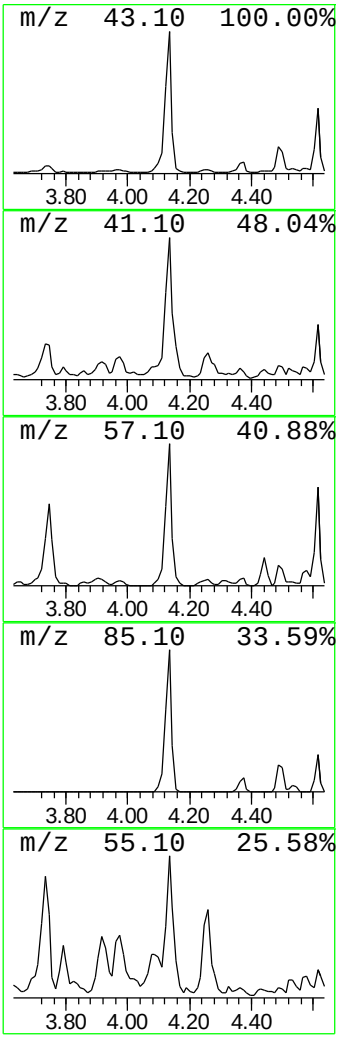
****

Peak Number 2 Octane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	10.36 ng	571466	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	72
2	Decane, 1-fluoro-	160	C10H21F	000334-56-5	59
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	53





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Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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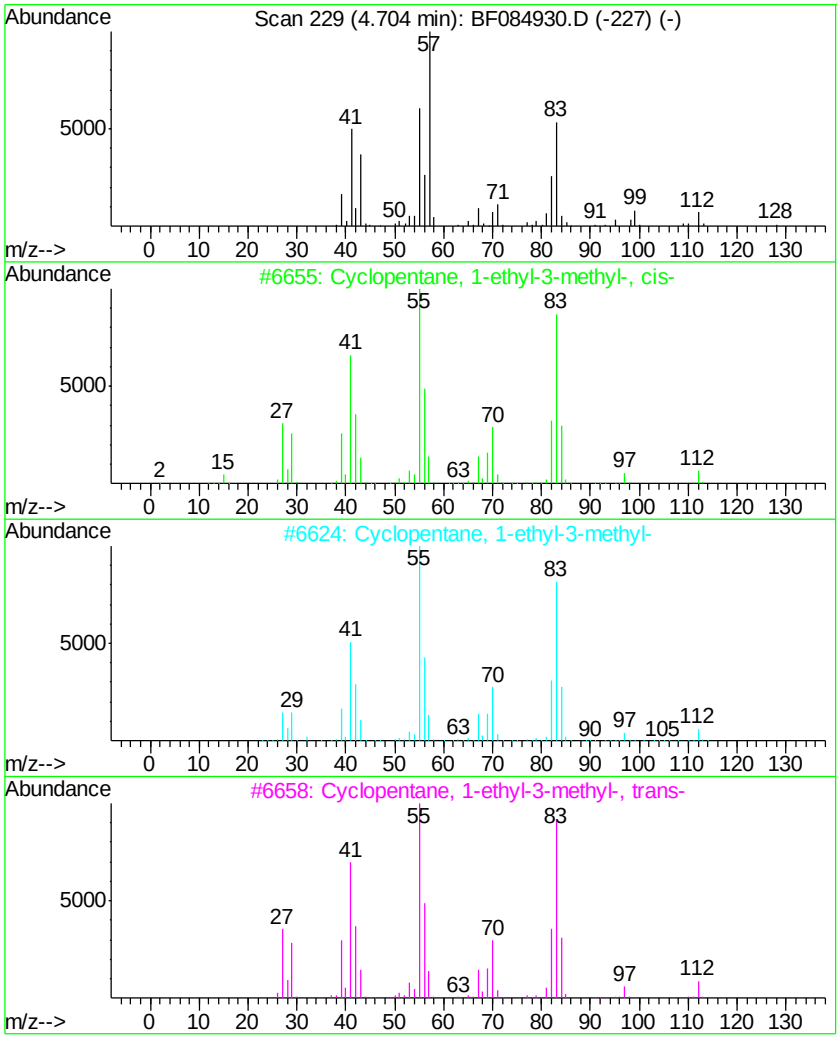
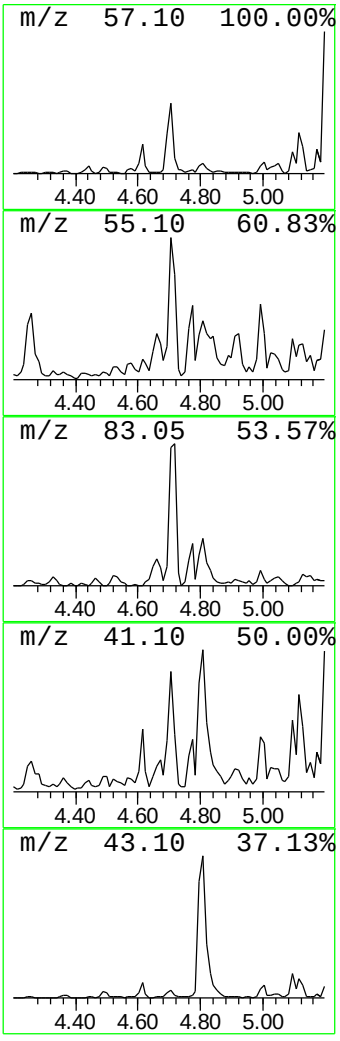
Peak Number 3 Cyclopentane, 1-ethyl-3-met... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	6.98 ng	384795	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	58
2	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	58
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	58
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	50
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	38





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Data File : BF084930.D
Acq On : 8 Feb 2016 15:59
Operator : SJ/IZ
Sample : H1311-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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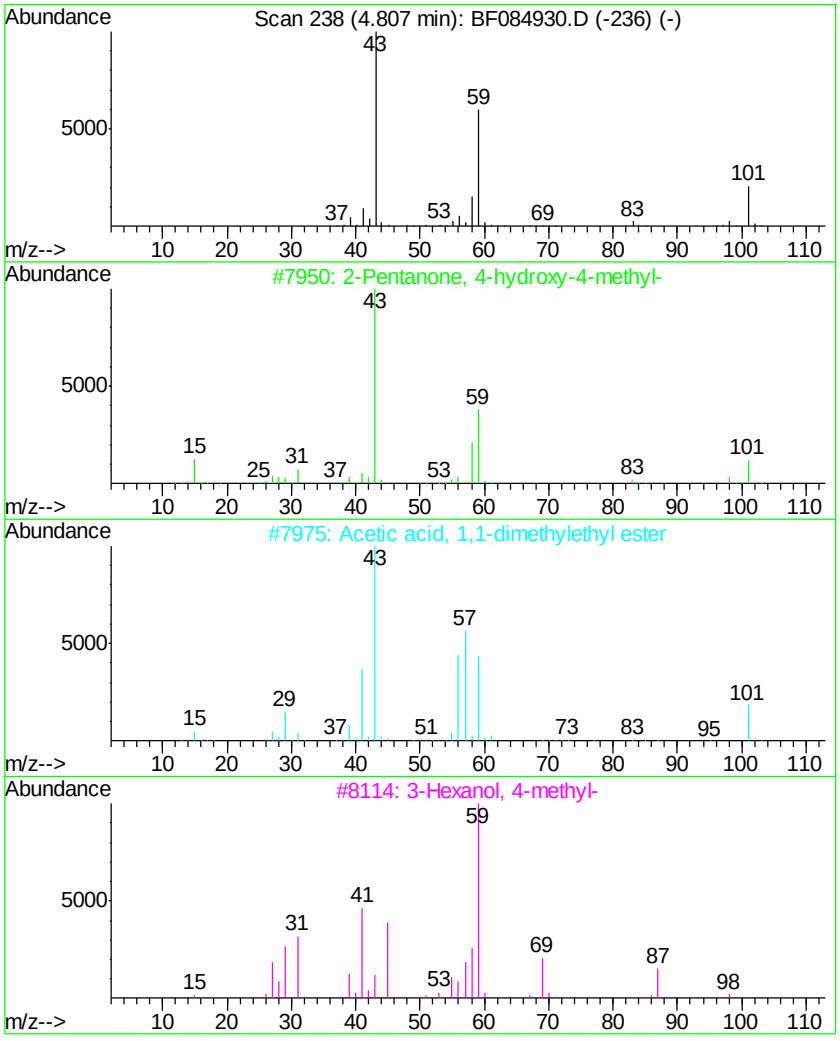
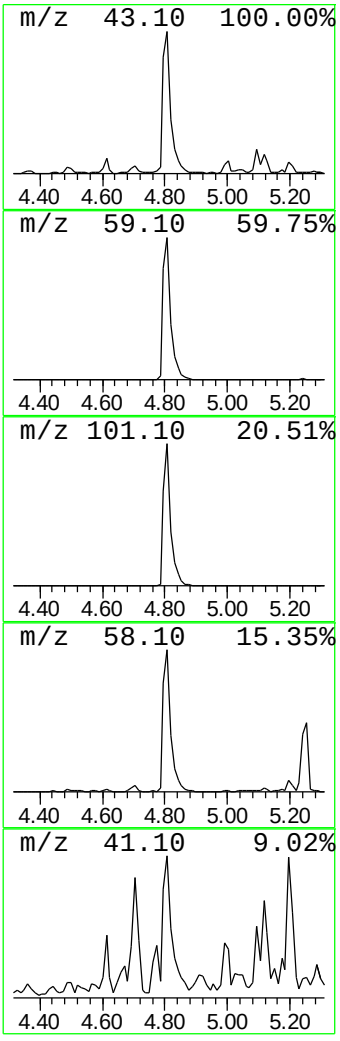
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	28.80 ng	1588020	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF084930.D
Acq On : 8 Feb 2016 15:59
Operator : SJ/IZ
Sample : H1311-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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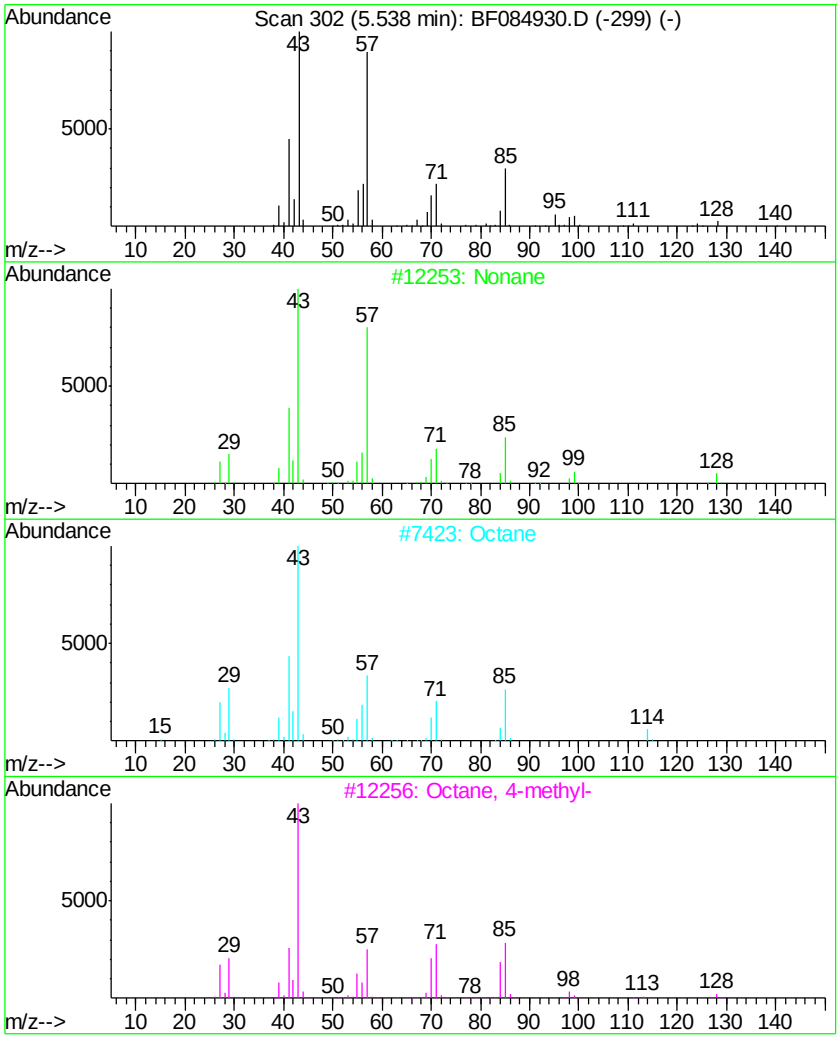
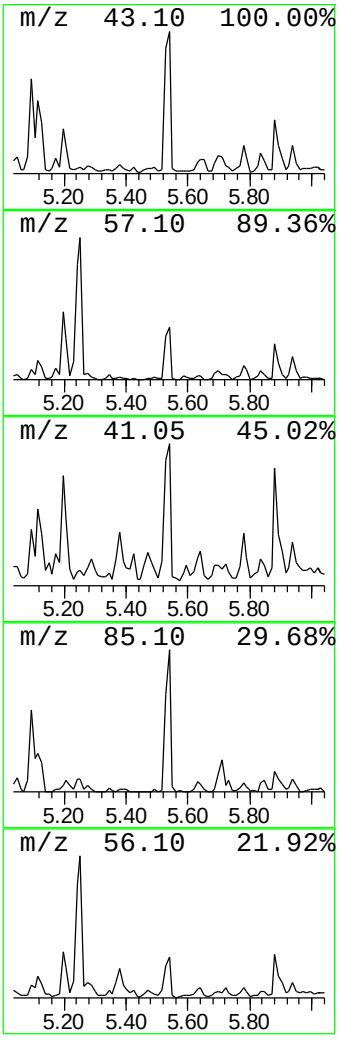
Peak Number 6 Nonane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	9.93 ng	547565	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Octane	114	C8H18	000111-65-9	59
3	Octane, 4-methyl-	128	C9H20	002216-34-4	52
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084930.D
Acq On : 8 Feb 2016 15:59
Operator : SJ/IZ
Sample : H1311-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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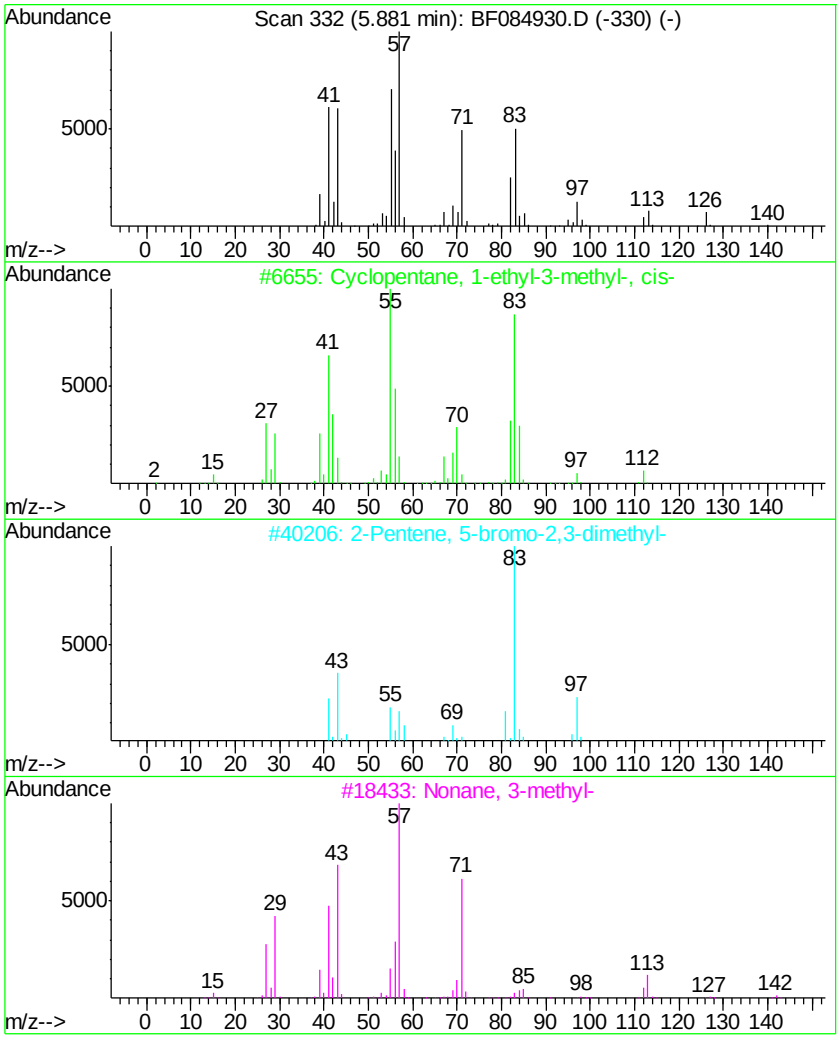
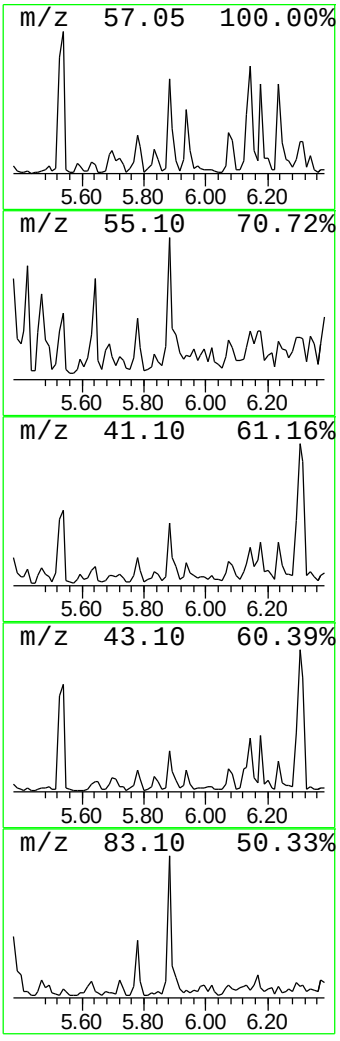
Peak Number 7 unknown5.88 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.88	7.16 ng	394712	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	49
2	2-Pentene, 5-bromo-2,3-dimethyl-	176	C7H13Br	056312-52-8	47
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	35
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	27
5	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	27





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Data File : BF084930.D
Acq On : 8 Feb 2016 15:59
Operator : SJ/IZ
Sample : H1311-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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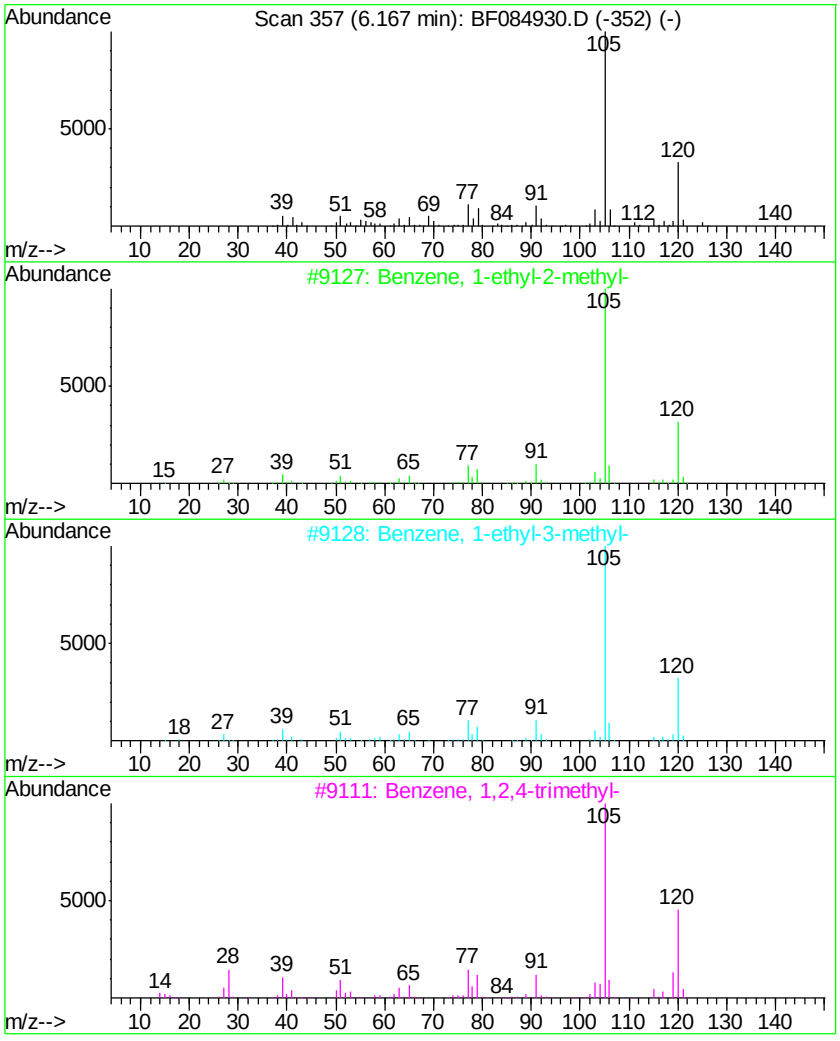
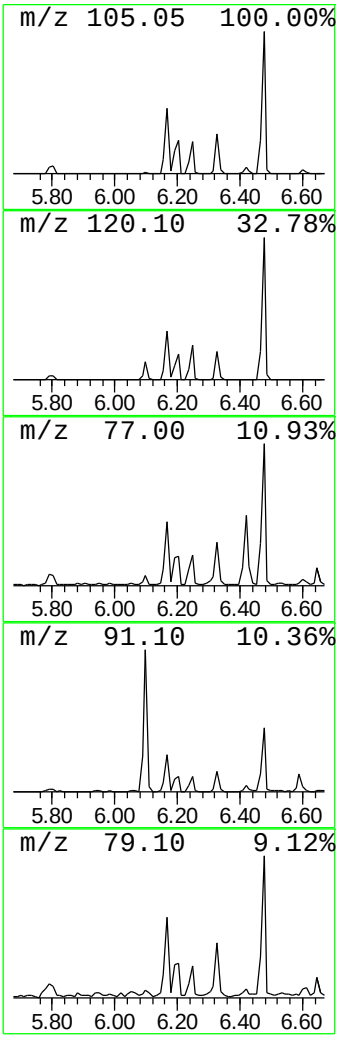
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	20.46 ng	1128050	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Acq On : 8 Feb 2016 15:59
Operator : SJ/IZ
Sample : H1311-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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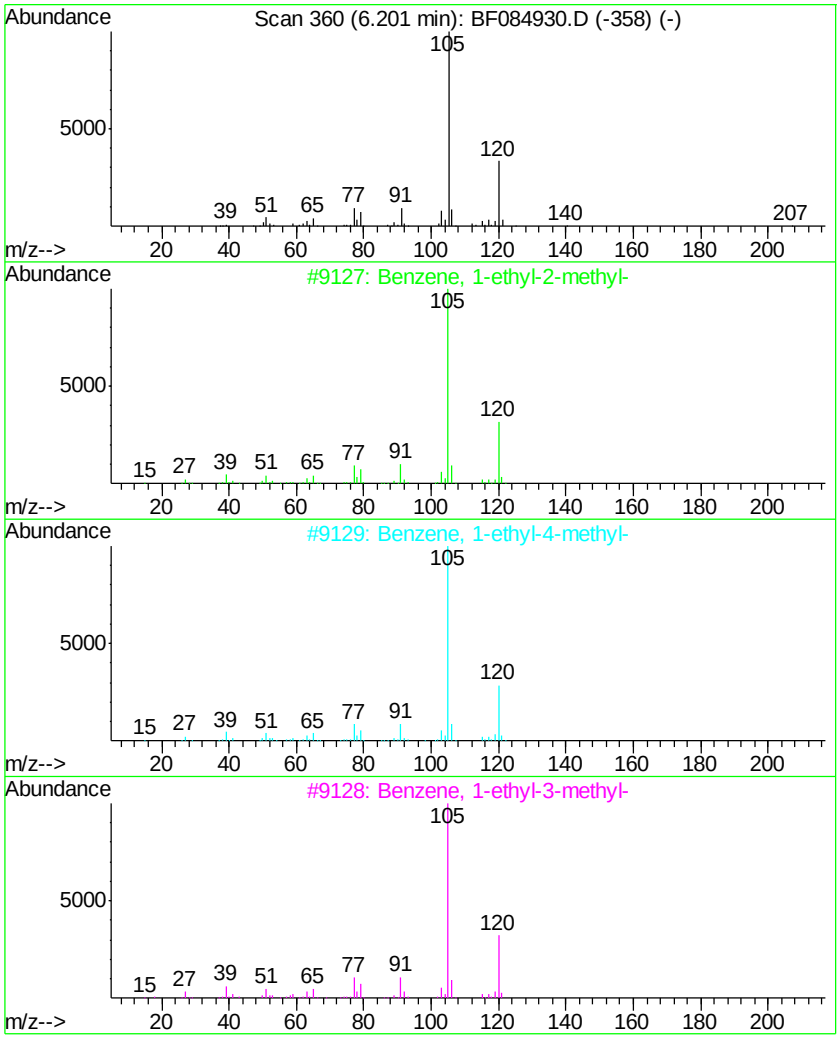
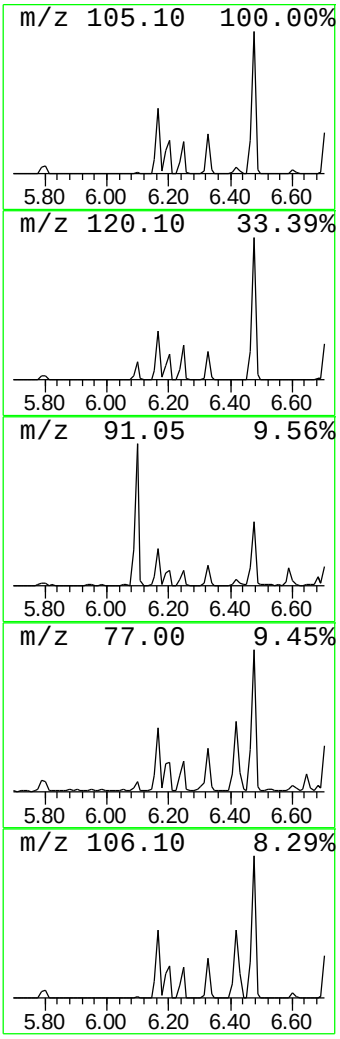
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	8.23 ng	453593	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Sample : H1311-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
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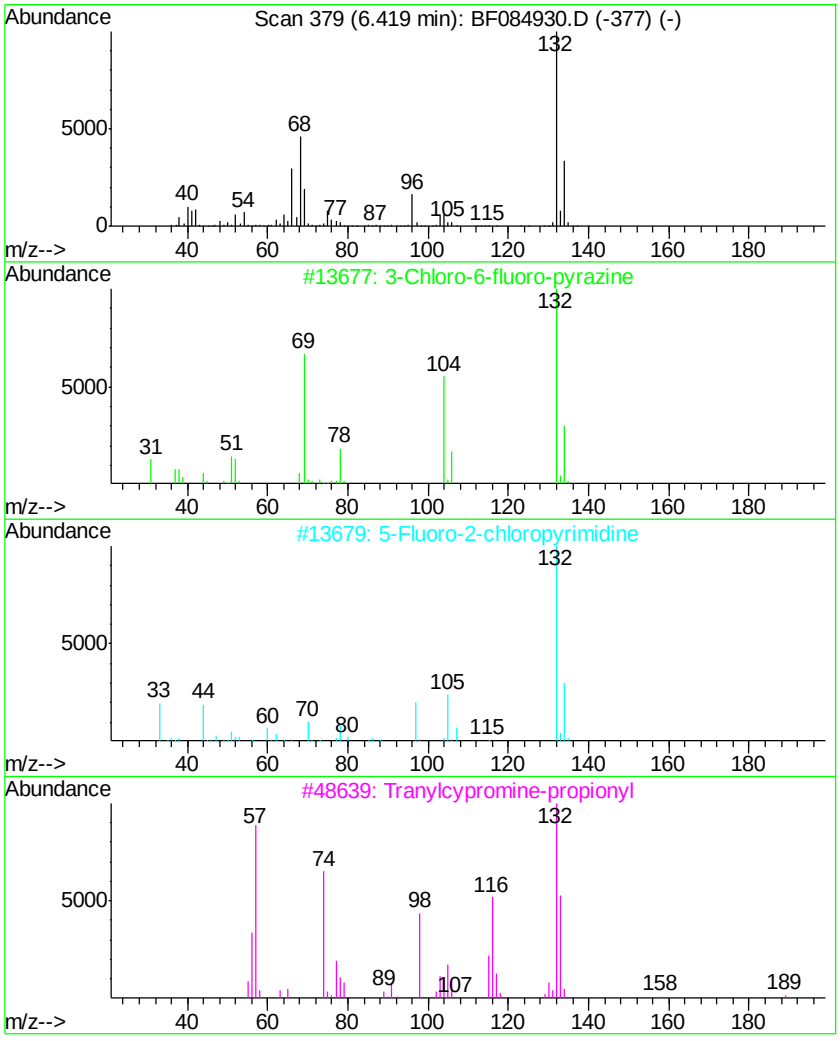
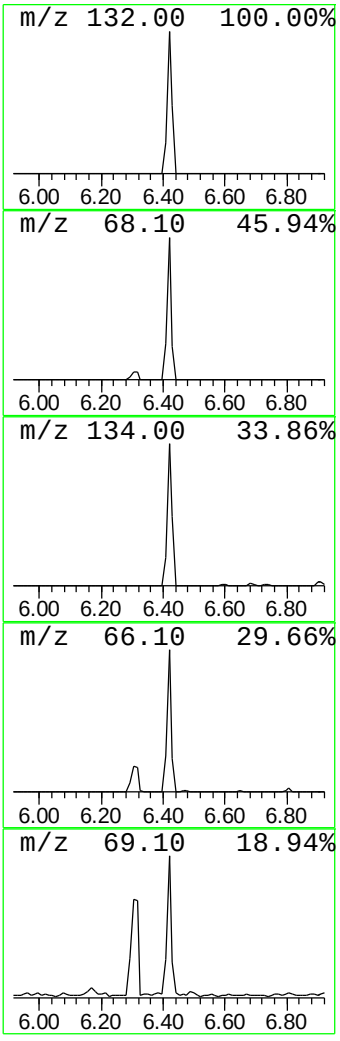
Peak Number 12 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	89.93 ng	4959160	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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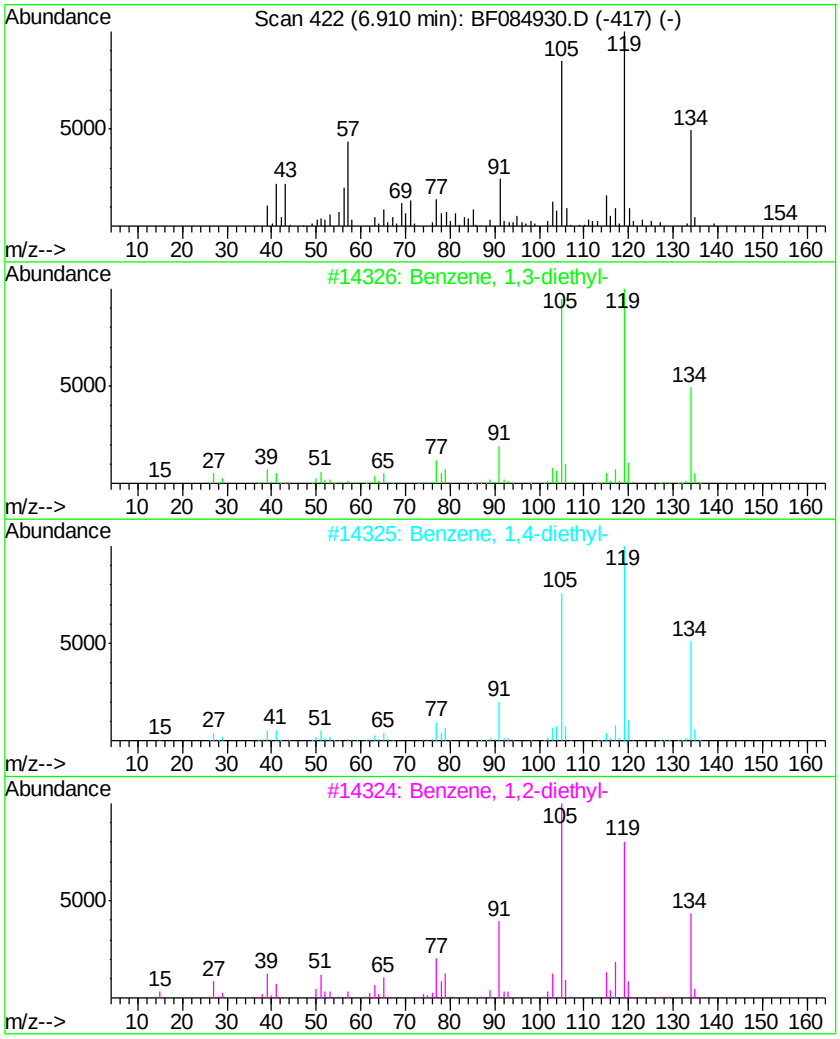
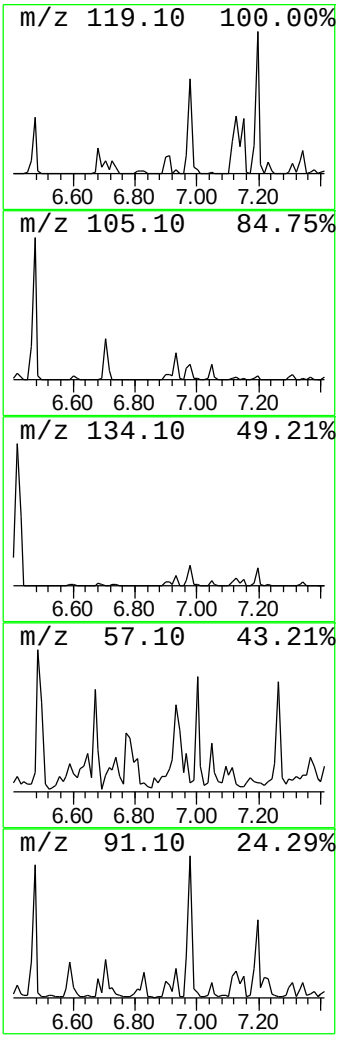
Peak Number 16 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	6.01 ng	331707	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83





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Acq On : 8 Feb 2016 15:59
Operator : SJ/IZ
Sample : H1311-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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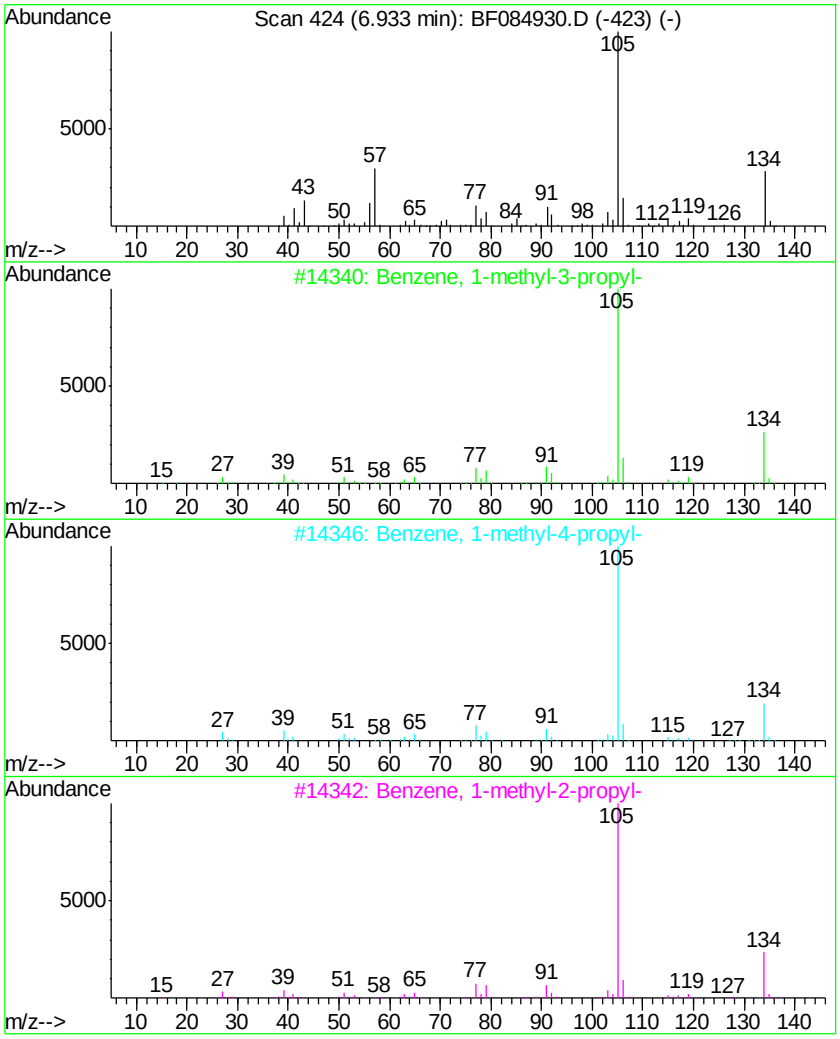
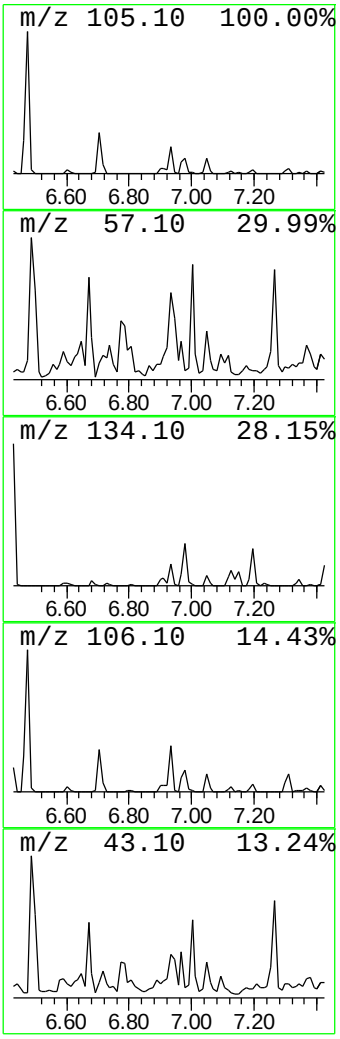
Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	6.69 ng	369160	1,4-Dichlorobenzene-d4	6.65

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-4-propyl-	134	C10H14	001074-55-1	81
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	53





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Acq On : 8 Feb 2016 15:59
Operator : SJ/IZ
Sample : H1311-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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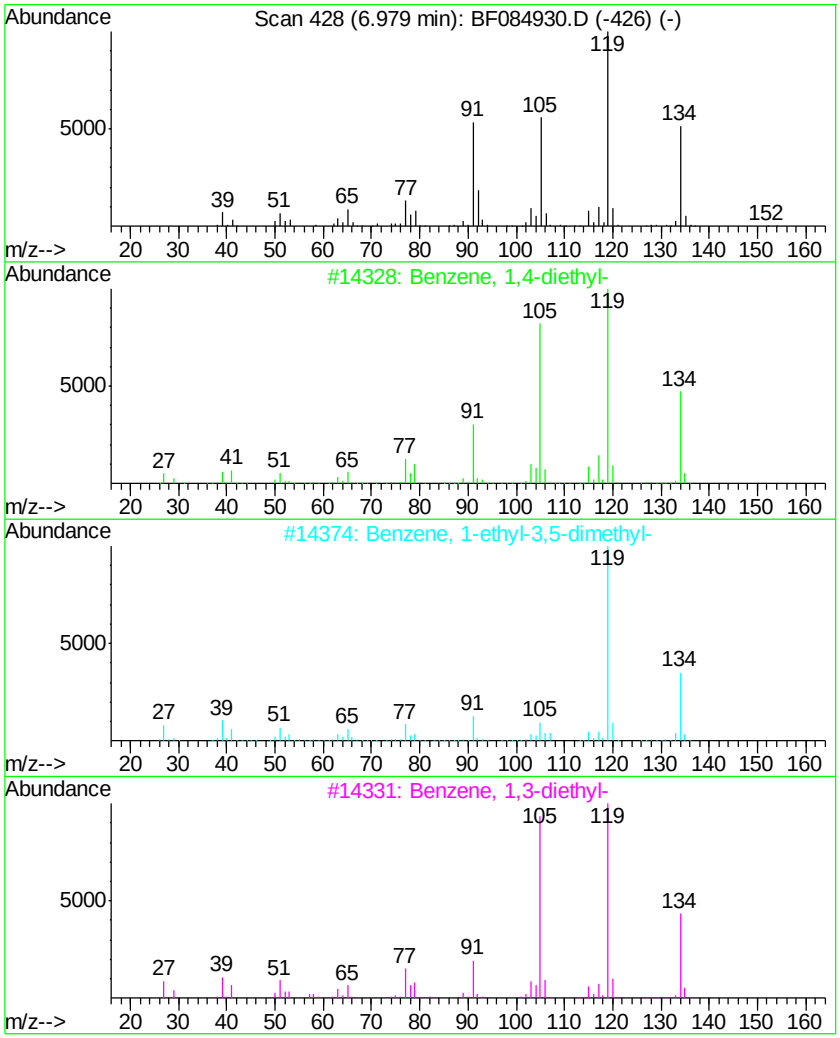
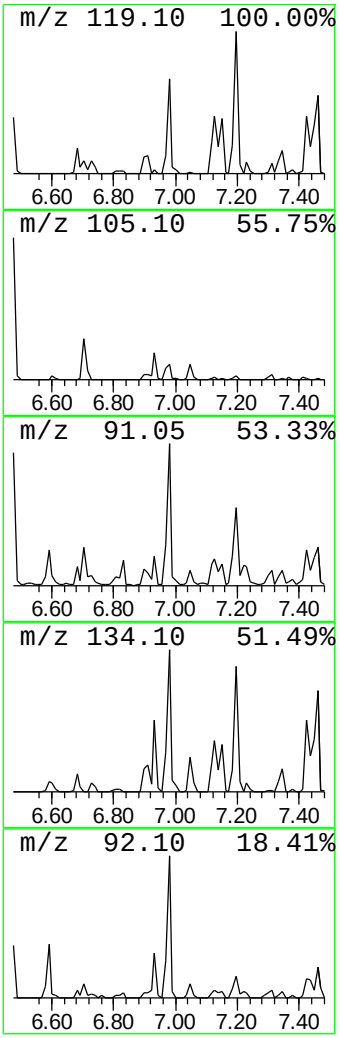
Peak Number 18 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	10.32 ng	569212	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Operator : SJ/IZ
Sample : H1311-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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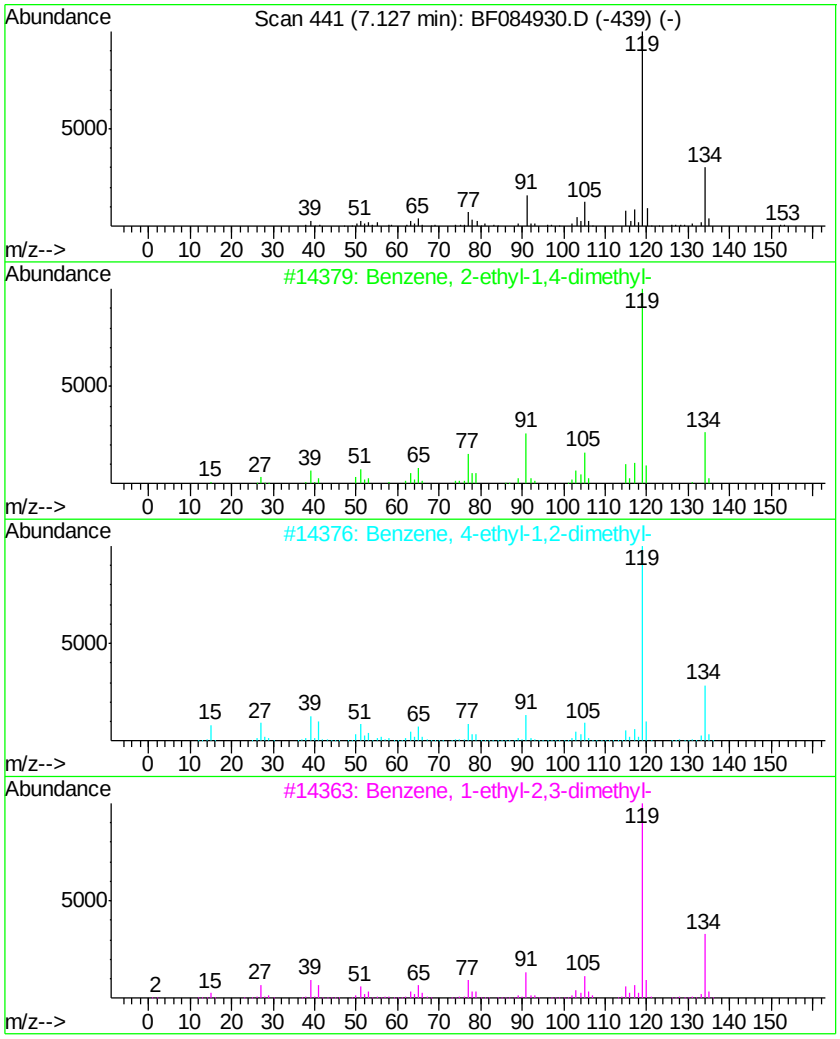
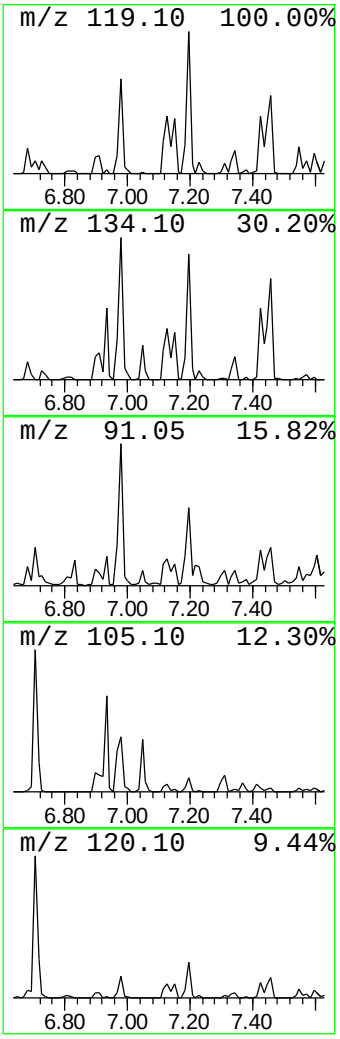
Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	7.20 ng	397019	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
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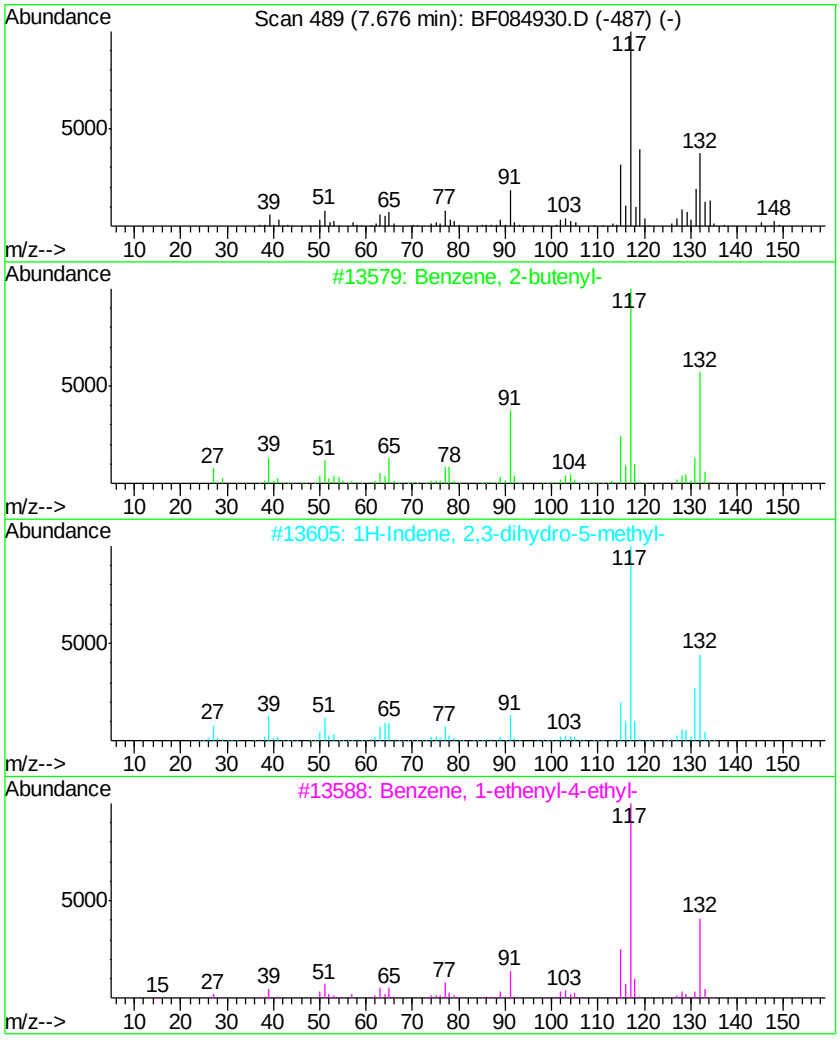
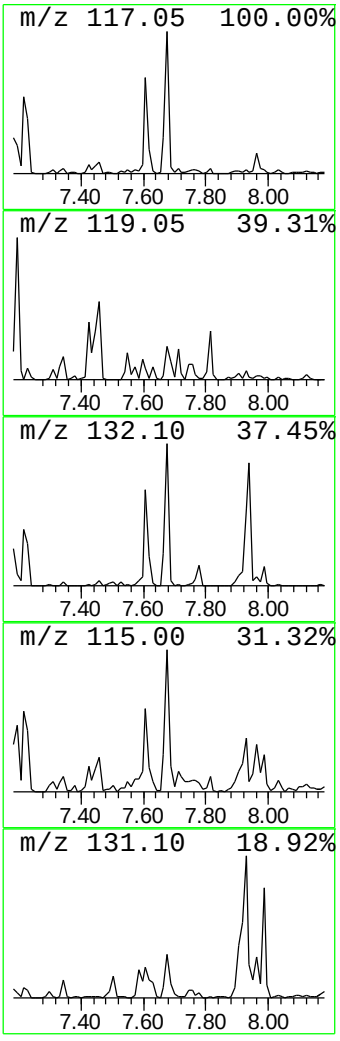
Peak Number 20 Benzene, 2-butenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	8.19 ng	647751	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	62
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	62





Tentatively Identified Compound (LSC) summary

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Data File : BF084930.D
Acq On : 8 Feb 2016 15:59
Operator : SJ/IZ
Sample : H1311-08
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B017(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptane, 2-methyl-	3.36	6.1	ng	334425	1	6.65	1102940	20.0
Octane	4.13	10.4	ng	571466	1	6.65	1102940	20.0
Cyclopentane, 1-e...	4.70	7.0	ng	384795	1	6.65	1102940	20.0
2-Pentanone, 4-hy...	4.81	28.8	ng	1588020	1	6.65	1102940	20.0
Nonane	5.54	9.9	ng	547565	1	6.65	1102940	20.0
unknown5.88	5.88	7.2	ng	394712	1	6.65	1102940	20.0
Benzene, 1-ethyl-...	6.17	20.5	ng	1128050	1	6.65	1102940	20.0
Benzene, 1-ethyl-...	6.20	8.2	ng	453593	1	6.65	1102940	20.0
unknown6.42	6.42	89.9	ng	4959160	1	6.65	1102940	20.0
Benzene, 1,3-diet...	6.91	6.0	ng	331707	1	6.65	1102940	20.0
Benzene, 1-methyl...	6.93	6.7	ng	369160	1	6.65	1102940	20.0
Benzene, 1,4-diet...	6.98	10.3	ng	569212	1	6.65	1102940	20.0
Benzene, 2-ethyl-...	7.13	7.2	ng	397019	1	6.65	1102940	20.0
Benzene, 2-butenyl-	7.68	8.2	ng	647751	2	7.94	1582080	20.0