LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084893.D
Acq On : 6 Feb 2016 6:41
Operator : SJ/IZ
Sample : H1329-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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	2.487	19	35	39	rBV	669740	2181847	24.51%	1.062%
2	2.567	39	42	44	rVV	185272	406732	4.57%	0.198%
3	2.818	55	64	67	rBV3	158706	510281	5.73%	0.248%
4	2.978	72	78	81	rBV2	209226	542958	6.10%	0.264%
5	3.047	81	84	87	rVV	195361	347674	3.91%	0.169%
6	3.230	97	100	104	rVV	175962	395394	4.44%	0.192%
7	3.390	108	114	119	rVV3	817121	2554501	28.70%	1.243%
8	3.573	126	130	134	rVB	912220	2009942	22.58%	0.978%
9	3.755	140	146	149	rBV3	641381	1326210	14.90%	0.645%
10	3.938	158	162	164	rBV	264049	563876	6.34%	0.274%
11	3.984	164	166	169	rVV	257971	472854	5.31%	0.230%
12	4.155	177	181	184	rVB2	1830050	3122949	35.09%	1.520%
13	4.270	187	191	196	rBV3	619711	1280114	14.38%	0.623%
14	4.510	209	212	213	rBV	294034	356829	4.01%	0.174%
15	4.624	221	222	224	rVB	432914	586787	6.59%	0.286%
16	4.681	224	227	228	rBV2	202539	368489	4.14%	0.179%
17	4.716	228	230	234	rVB2	1273706	2065336	23.20%	1.005%
18	4.818	234	239	245	rBV2	1217329	3175190	35.67%	1.545%
19	4.933	245	249	251	rVB2	207780	408454	4.59%	0.199%
20	5.013	254	256	258	rBV	784304	1064406	11.96%	0.518%
21	5.081	258	262	264	rVV	2296792	3207929	36.04%	1.561%
22	5.116	264	265	266	rVV	1003099	1066902	11.99%	0.519%
23	5.138	266	267	270	rVV	1373097	1419525	15.95%	0.691%
24	5.207	270	273	276	rVV2	4808510	8900676	100.00%	4.331%
25	5.264	276	278	279	rVV	3477332	4465716	50.17%	2.173%
26	5.310	279	282	285	rVV3	301560	612682	6.88%	0.298%
27	5.390	287	289	292	rVV	684606	1050499	11.80%	0.511%
28	5.436	292	293	295	rVV	479254	527767	5.93%	0.257%
29	5.470	295	296	300	rVV2	2158317	2652191	29.80%	1.291%
30	5.550	300	303	306	rVB	1940068	1922909	21.60%	0.936%
31	5.653	309	312	314	rVB2	616085	904356	10.16%	0.440%
32	5.710	314	317	322	rVB4	334937	886704	9.96%	0.431%
33	5.801	322	325	327	rBV2	953453	1747569	19.63%	0.850%
34	5.859	327	330	332	rVV3	381315	631590	7.10%	0.307%

LSC Area Percent Report

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Acq On : 6 Feb 2016 6:41
Operator : SJ/IZ
Sample : H1329-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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	5.893	332	333	337	rVV2	1082194	1968805	22.12%	0.958%
36	5.950	337	338	341	rVV2	474976	796658	8.95%	0.388%
37	6.110	347	352	354	rVV2	2207790	3012621	33.85%	1.466%
38	6.179	354	358	360	rVV2	3410751	6633567	74.53%	3.228%
39	6.213	360	361	363	rVV	2463012	2008474	22.57%	0.977%
40	6.259	363	365	368	rVV	3991014	4240009	47.64%	2.063%
41	6.327	368	371	375	rVV2	3382766	8182262	91.93%	3.981%
42	6.430	375	380	383	rVV	4042828	5907601	66.37%	2.875%
43	6.487	383	385	389	rVV	4467422	6657757	74.80%	3.240%
44	6.601	393	395	399	rVV2	588388	1440028	16.18%	0.701%
45	6.659	399	400	401	rVV	1531229	1401863	15.75%	0.682%
46	6.693	401	403	404	rVV	1037423	1269873	14.27%	0.618%
47	6.727	404	406	408	rVV	1994343	2995895	33.66%	1.458%
48	6.784	410	411	412	rVV	668350	895491	10.06%	0.436%
49	6.819	412	414	415	rVV	4320067	4397672	49.41%	2.140%
50	6.921	418	423	424	rVV	1452643	2119894	23.82%	1.032%
51	6.944	424	425	427	rVV2	2358060	2667732	29.97%	1.298%
52	6.990	427	429	433	rVV2	4509803	5878452	66.05%	2.860%
53	7.059	433	435	438	rVV	1387343	2104429	23.64%	1.024%
54	7.139	438	442	443	rVV	1846529	2207714	24.80%	1.074%
55	7.207	446	448	449	rVV	2715030	4058781	45.60%	1.975%
56	7.242	449	451	453	rVV	4182798	5154583	57.91%	2.508%
57	7.276	453	454	455	rVV	612303	512867	5.76%	0.250%
58	7.322	455	458	460	rVV2	883908	1418260	15.93%	0.690%
59	7.356	460	461	462	rVV	1010682	951817	10.69%	0.463%
60	7.390	462	464	466	rVV2	667451	1010483	11.35%	0.492%
61	7.447	466	469	470	rVV	1736106	2825213	31.74%	1.375%
62	7.470	470	471	473	rVV	3131090	2510850	28.21%	1.222%
63	7.516	473	475	477	rVV	442788	658457	7.40%	0.320%
64	7.584	477	481	482	rVV3	1288307	2455183	27.58%	1.195%
65	7.619	482	484	488	rVV5	1933843	4446028	49.95%	2.163%
66	7.687	488	490	492	rVV3	2965996	4740261	53.26%	2.307%
67	7.722	492	493	495	rVV	1370916	1866714	20.97%	0.908%
68	7.779	495	498	500	rVV3	1075799	2364519	26.57%	1.151%
69	7.824	500	502	506	rVV	885947	1337781	15.03%	0.651%
70	7.950	506	513	514	rVV	3310154	6168301	69.30%	3.001%
71	7.973	514	515	519	rVV2	3271473	4858957	54.59%	2.364%

LSC Area Percent Report

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Acq On : 6 Feb 2016 6:41
Operator : SJ/IZ
Sample : H1329-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.030	519	520	523	rVV2	945942	1582393	17.78%	0.770%
73	8.076	523	524	526	rVV2	363441	538327	6.05%	0.262%
74	8.133	526	529	533	rVV4	651679	1778321	19.98%	0.865%
75	8.236	534	538	543	rVV6	790776	3293383	37.00%	1.603%
76	8.304	543	544	546	rVV2	565799	941675	10.58%	0.458%
77	8.339	546	547	550	rVV3	1472660	1611421	18.10%	0.784%
78	8.384	550	551	553	rVV2	922270	1177875	13.23%	0.573%
79	8.419	553	554	555	rVV	810810	705532	7.93%	0.343%
80	8.453	555	557	559	rVV2	530923	1031055	11.58%	0.502%
81	8.556	563	566	567	rVV2	647838	1020587	11.47%	0.497%
82	8.590	567	569	570	rVV2	300849	559996	6.29%	0.272%
83	8.659	572	575	577	rVB	1849772	2141493	24.06%	1.042%
84	8.762	581	584	586	rVV	933855	1073077	12.06%	0.522%
85	8.979	600	603	605	rBV	265470	345908	3.89%	0.168%
86	9.025	605	607	610	rVB	3956270	4926032	55.34%	2.397%
87	9.287	627	630	632	rBV	272707	388876	4.37%	0.189%
88	9.356	634	636	637	rBV	354446	335805	3.77%	0.163%
89	9.425	640	642	644	rVB2	1111700	1090607	12.25%	0.531%
90	9.699	663	666	668	rBV	1508133	1571884	17.66%	0.765%
91	9.905	677	684	685	rBV4	179375	331804	3.73%	0.161%
92	10.362	722	724	727	rBV	309486	343289	3.86%	0.167%
93	10.488	732	735	737	rBV	2633267	2795778	31.41%	1.360%
94	10.625	744	747	750	rBV	428347	593702	6.67%	0.289%
95	11.093	784	788	790	rBB	361951	480414	5.40%	0.234%
96	11.173	793	795	797	rBV	1421790	1190483	13.38%	0.579%
97	12.762	932	934	937	rBV	3445808	3486722	39.17%	1.697%
98	13.676	1010	1014	1018	rBV3	210022	625169	7.02%	0.304%
99	13.802	1023	1025	1029	rVB	928088	918718	10.32%	0.447%
100	15.174	1143	1145	1148	rVB	689790	766916	8.62%	0.373%

Sum of corrected areas: 205510932

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
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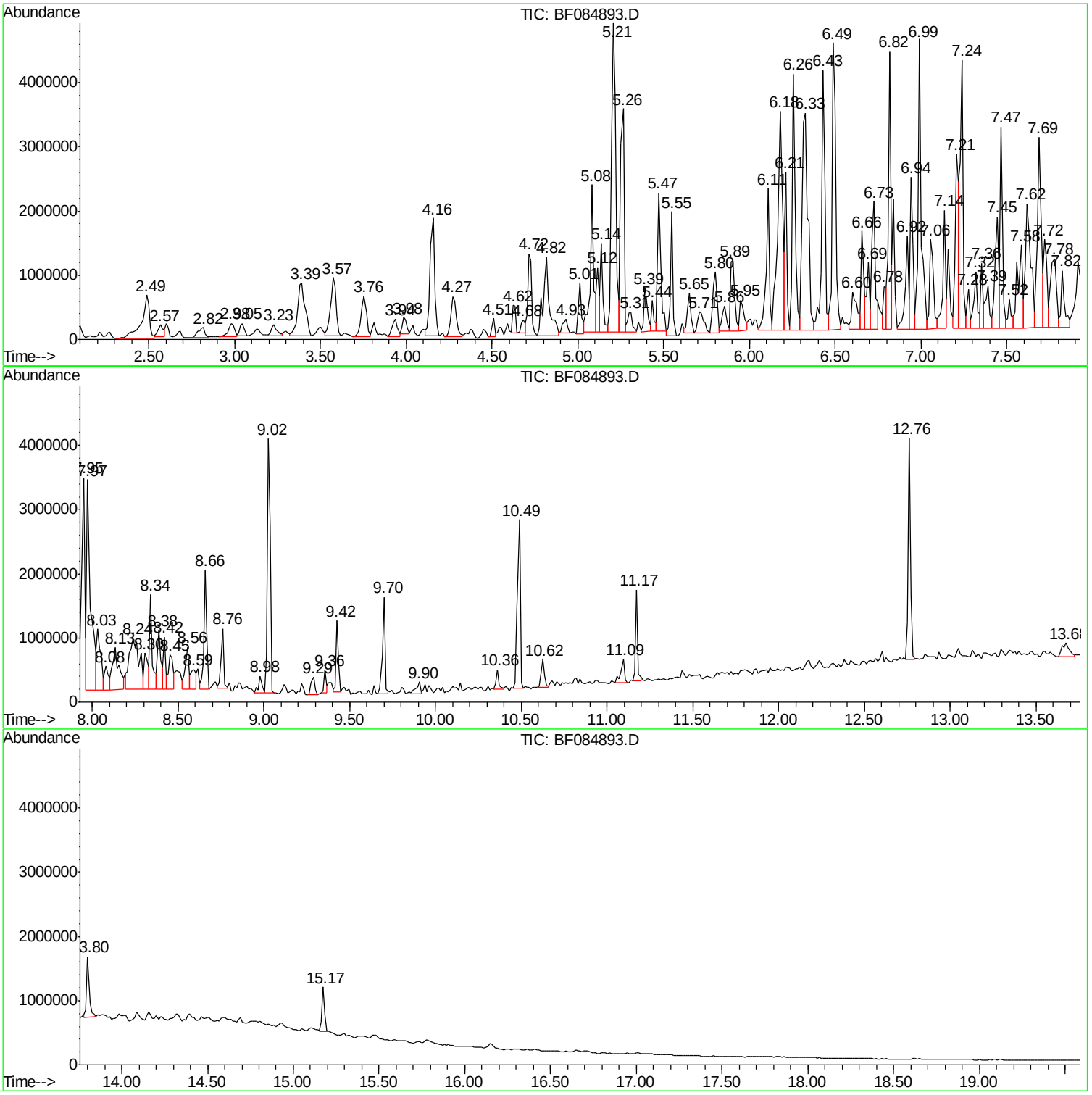
Operator : SJ/IZ
Sample : H1329-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
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Sample : H1329-19
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

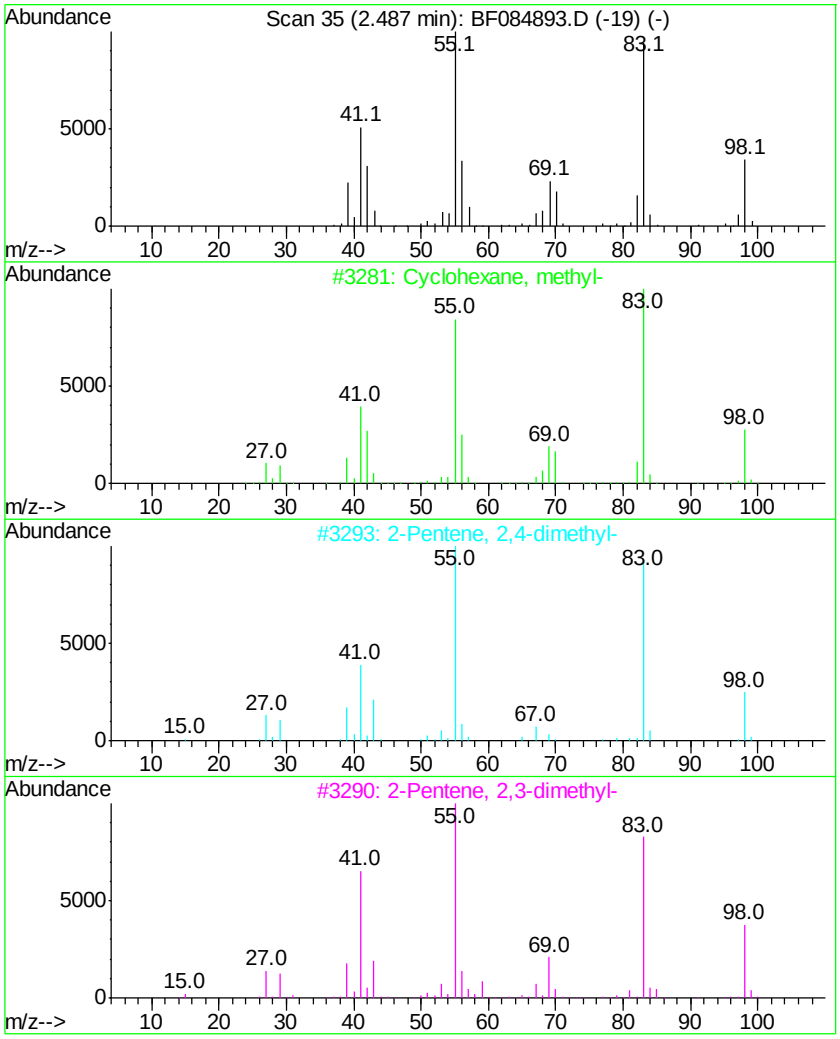
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

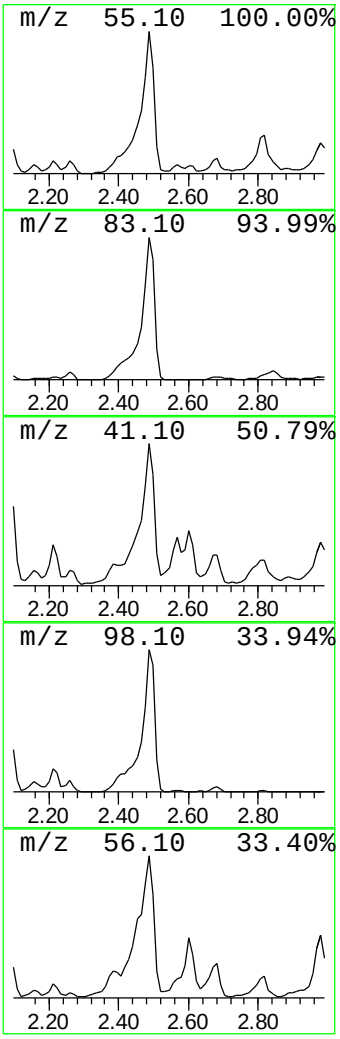
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	31.13 ng	2181850	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	58
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	58
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	58
5	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084893.D
Acq On : 6 Feb 2016 6:41
Operator : SJ/IZ
Sample : H1329-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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

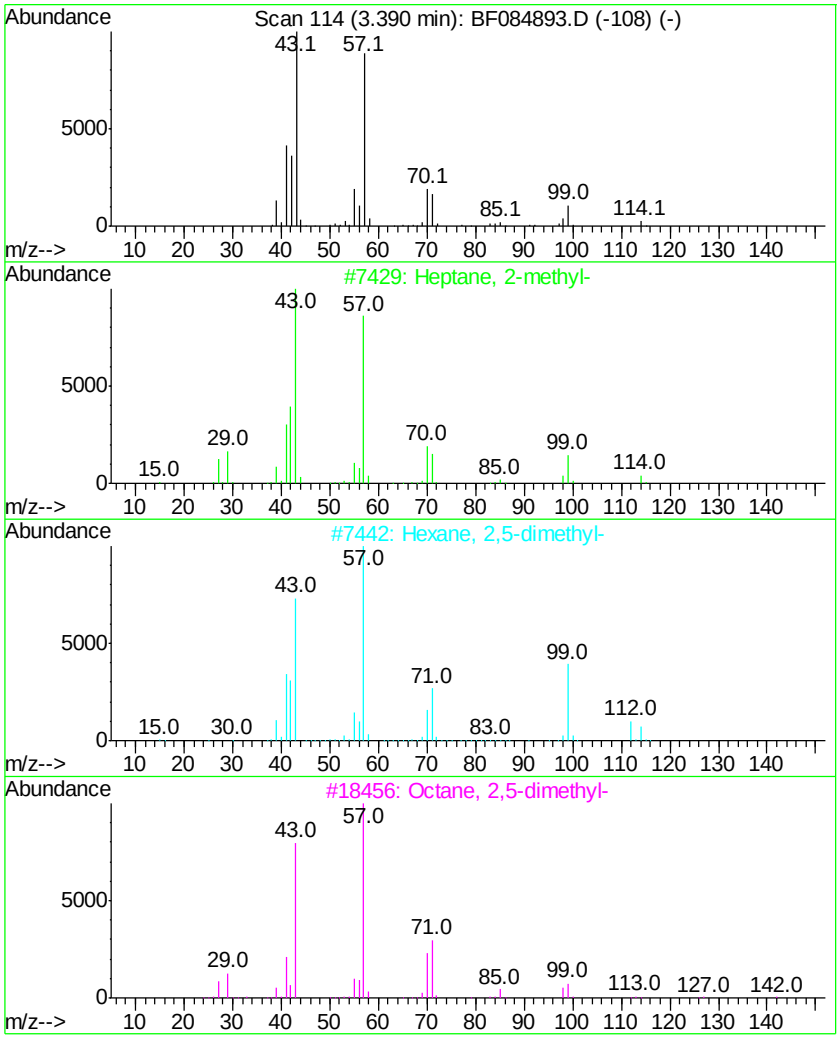
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

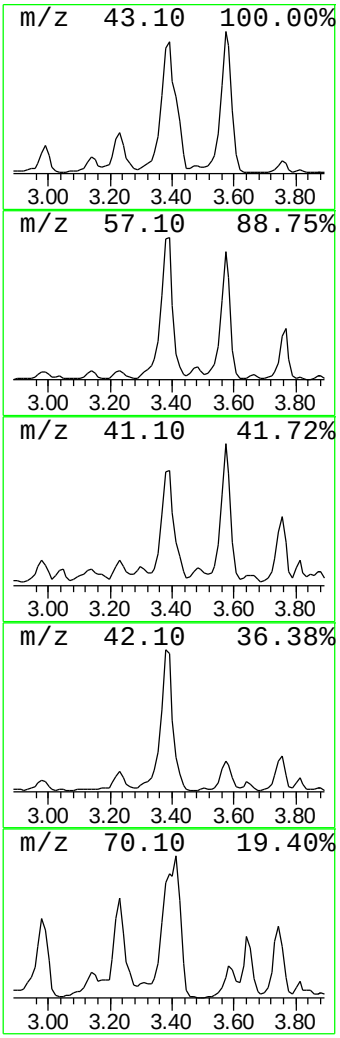
****

Peak Number 2 Heptane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	36.44 ng	2554500	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	86
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	53
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	50
5	2-Piperidinone	99	C5H9NO	000675-20-7	47





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Operator : SJ/IZ
Sample : H1329-19
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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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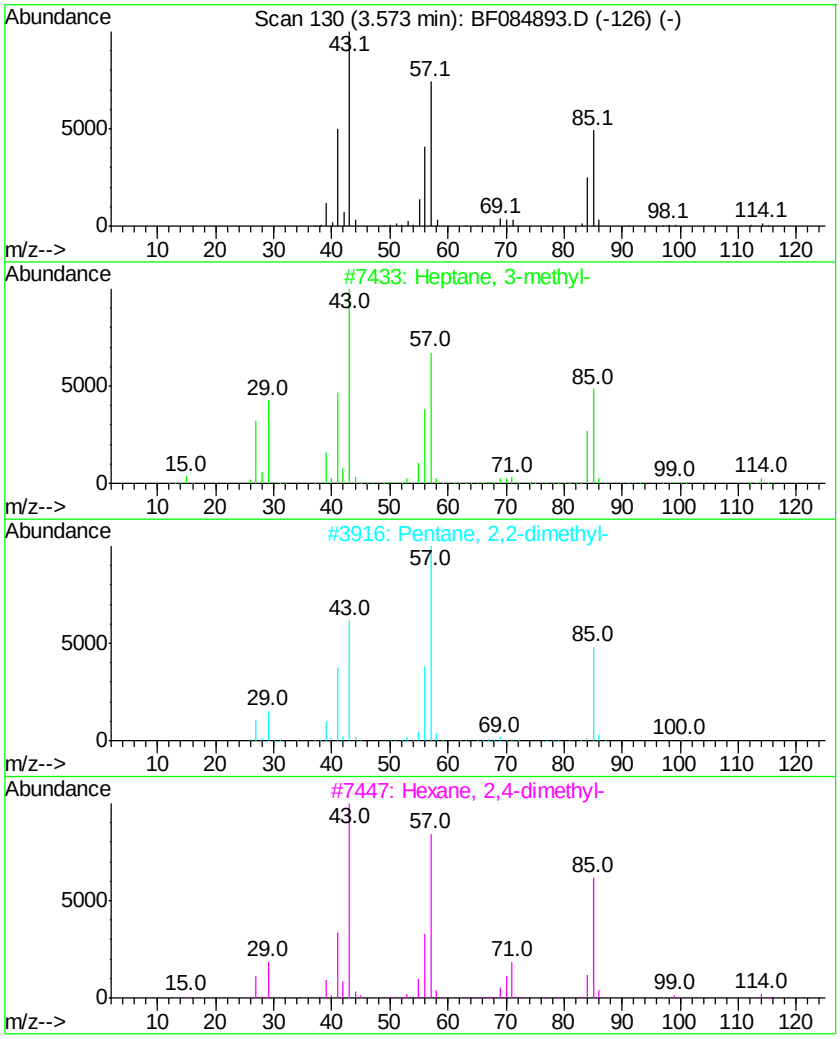
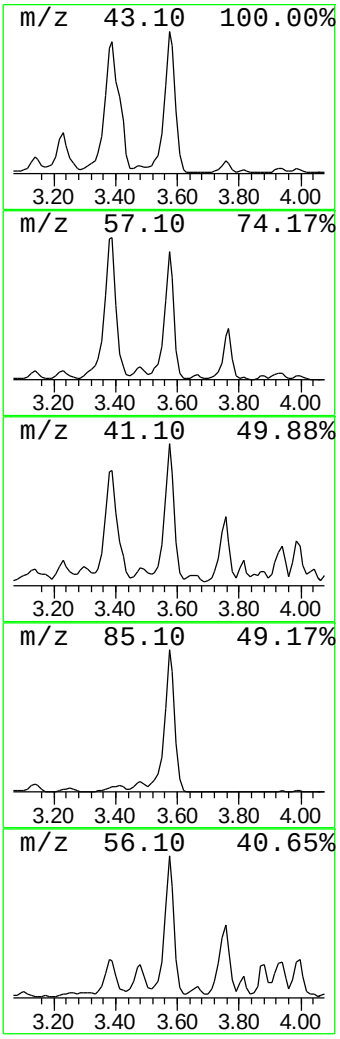
Peak Number 3 Heptane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	28.68 ng	2009940	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	59
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	58





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Acq On : 6 Feb 2016 6:41
Operator : SJ/IZ
Sample : H1329-19
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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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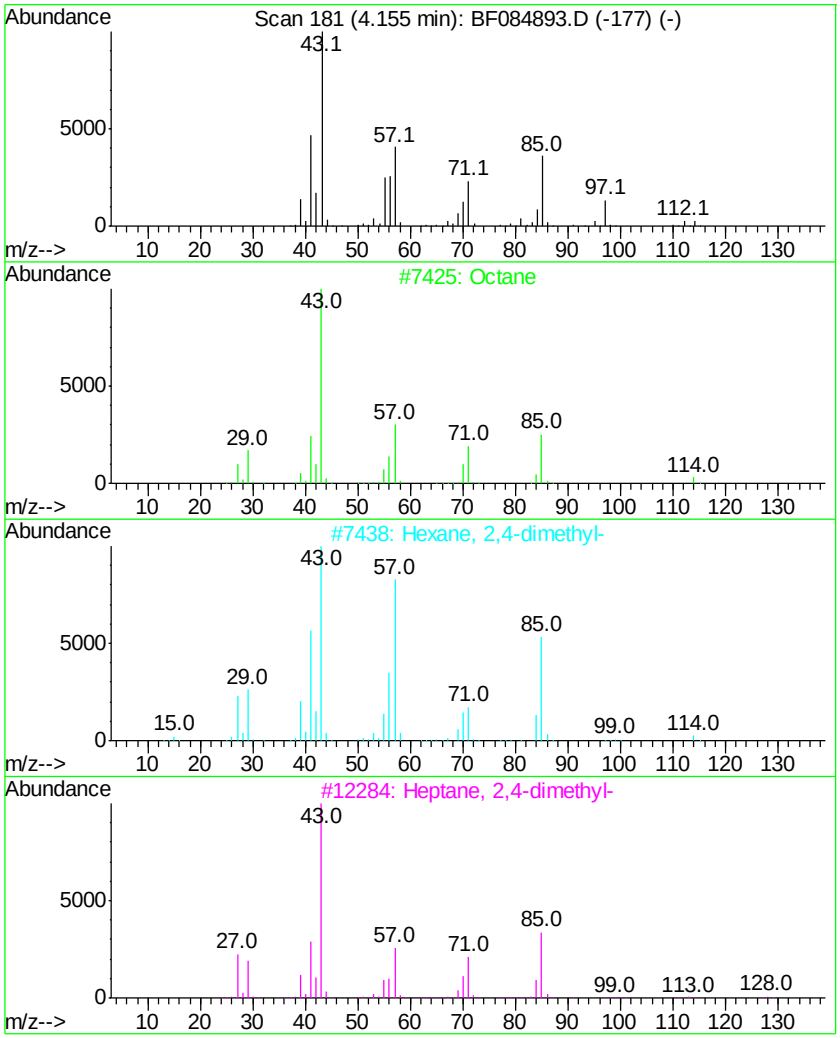
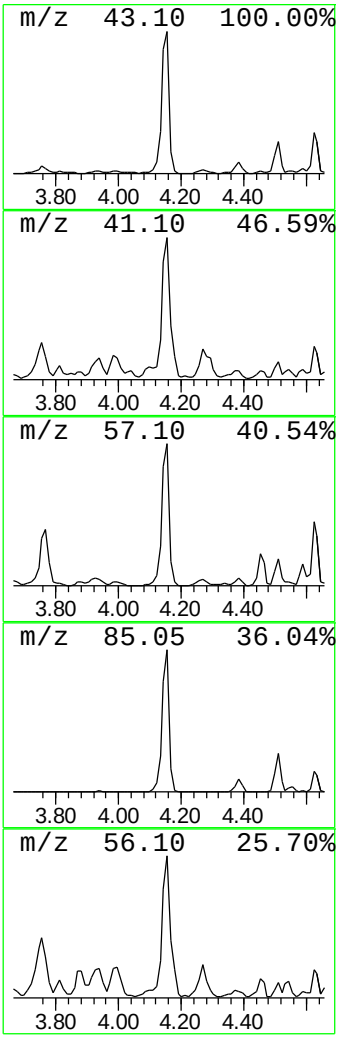
Peak Number 4 Octane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.16	44.55 ng	3122950	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	83
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53





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Data File : BF084893.D
Acq On : 6 Feb 2016 6:41
Operator : SJ/IZ
Sample : H1329-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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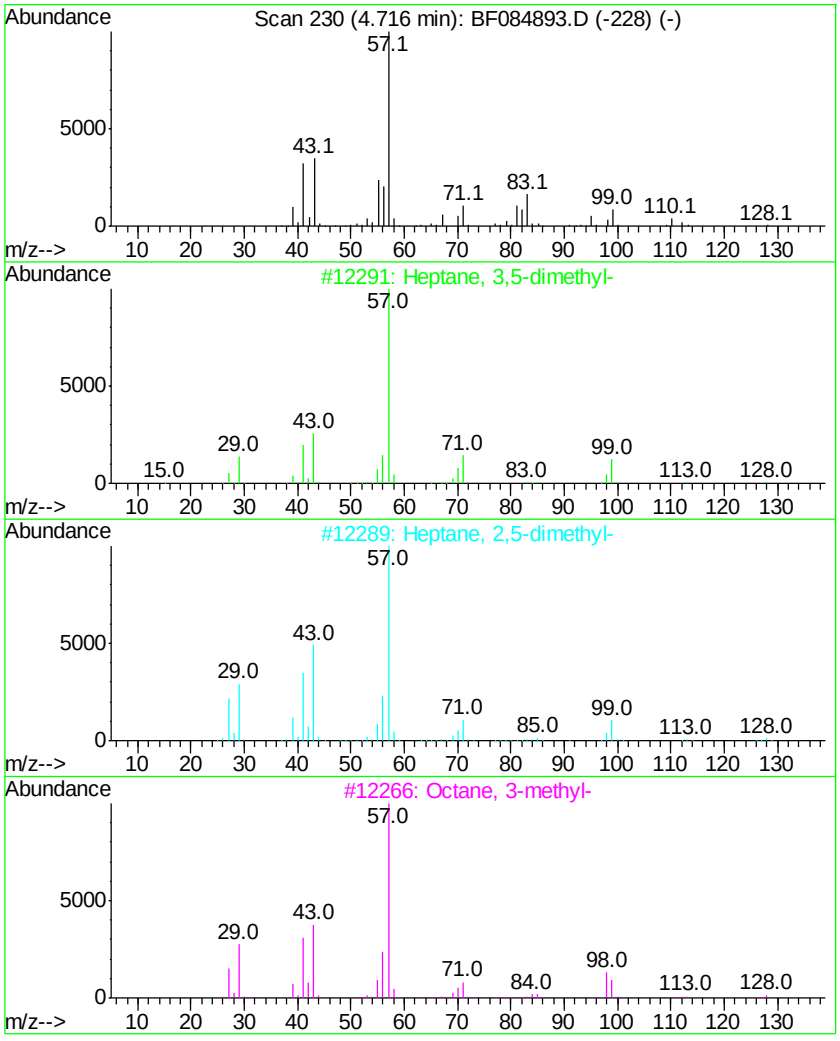
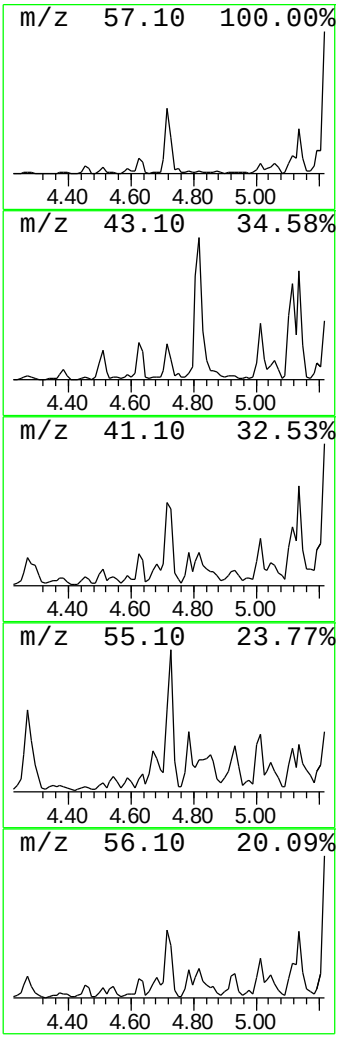
Peak Number 5 unknown4.72 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	29.47 ng	2065340	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	47
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47
3	Octane, 3-methyl-	128	C9H20	002216-33-3	47
4	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	38
5	Trichloroacetic acid butyl ester	218	C6H9Cl3O2	003657-07-6	32





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Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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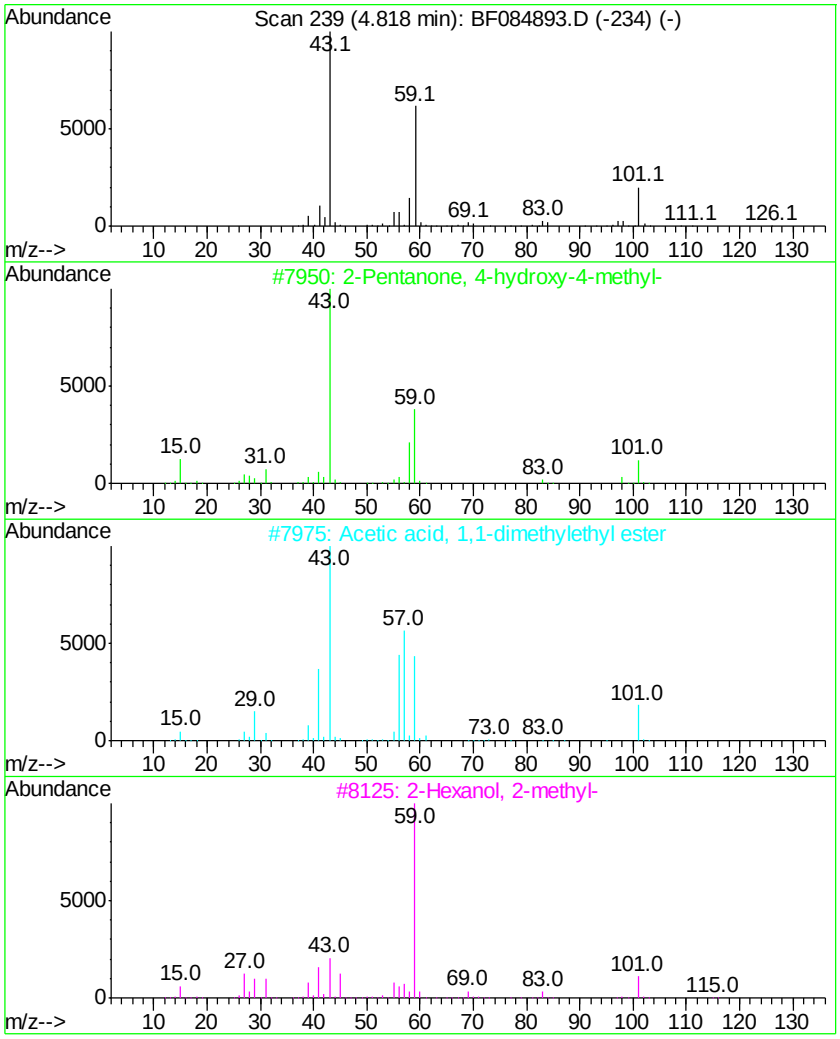
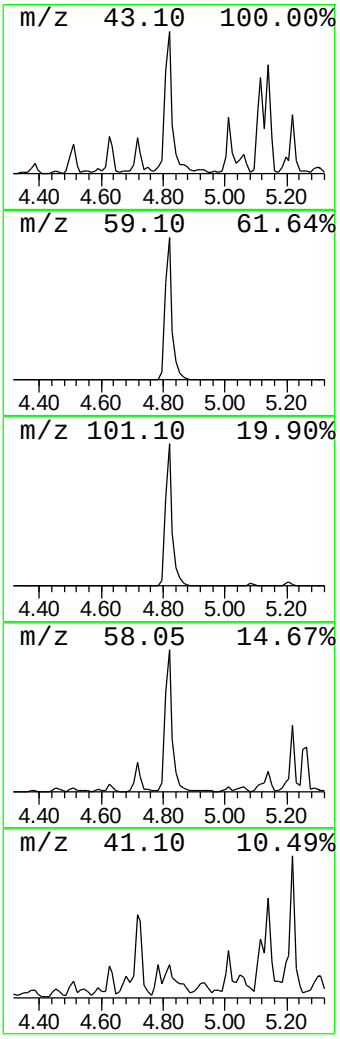
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	45.30 ng	3175190	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Data File : BF084893.D
Acq On : 6 Feb 2016 6:41
Operator : SJ/IZ
Sample : H1329-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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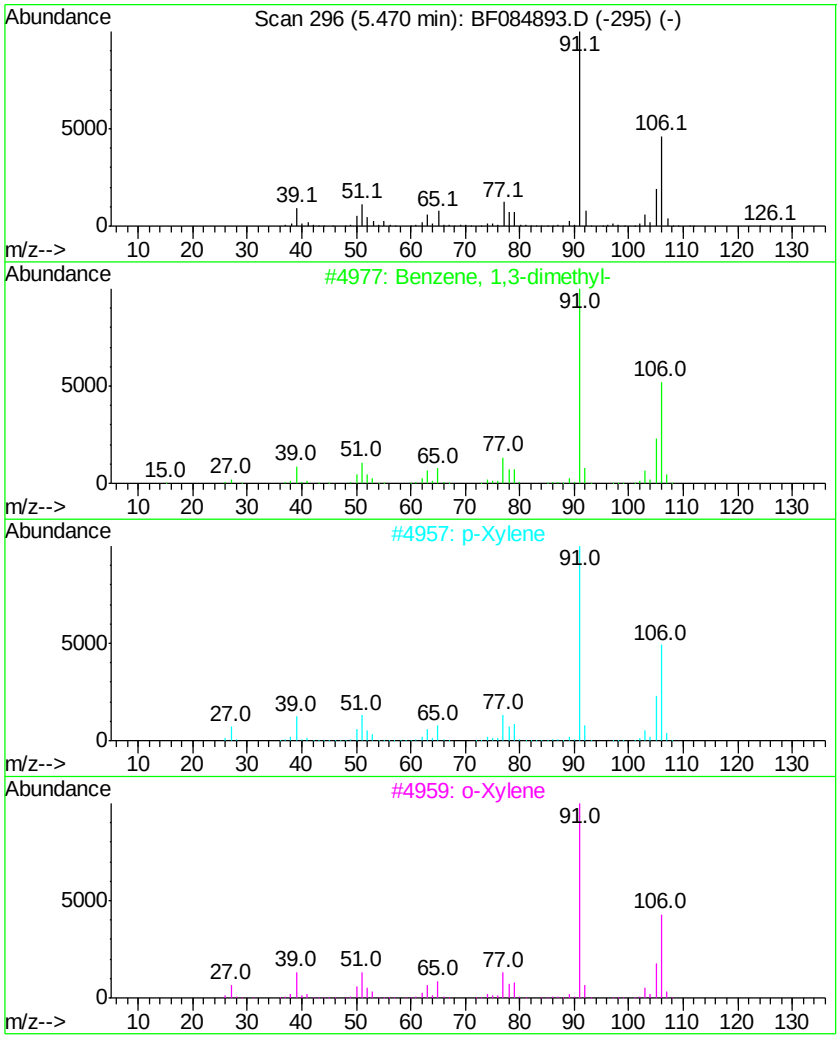
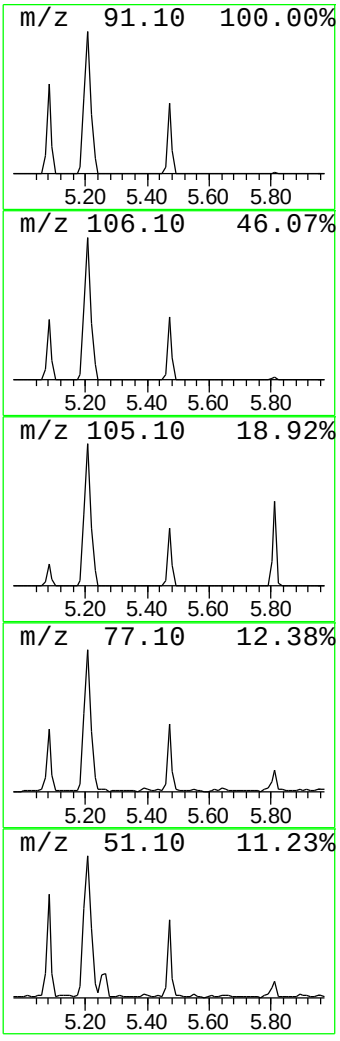
Peak Number 9 Benzene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	37.84 ng	2652190	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	80





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Sample : H1329-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
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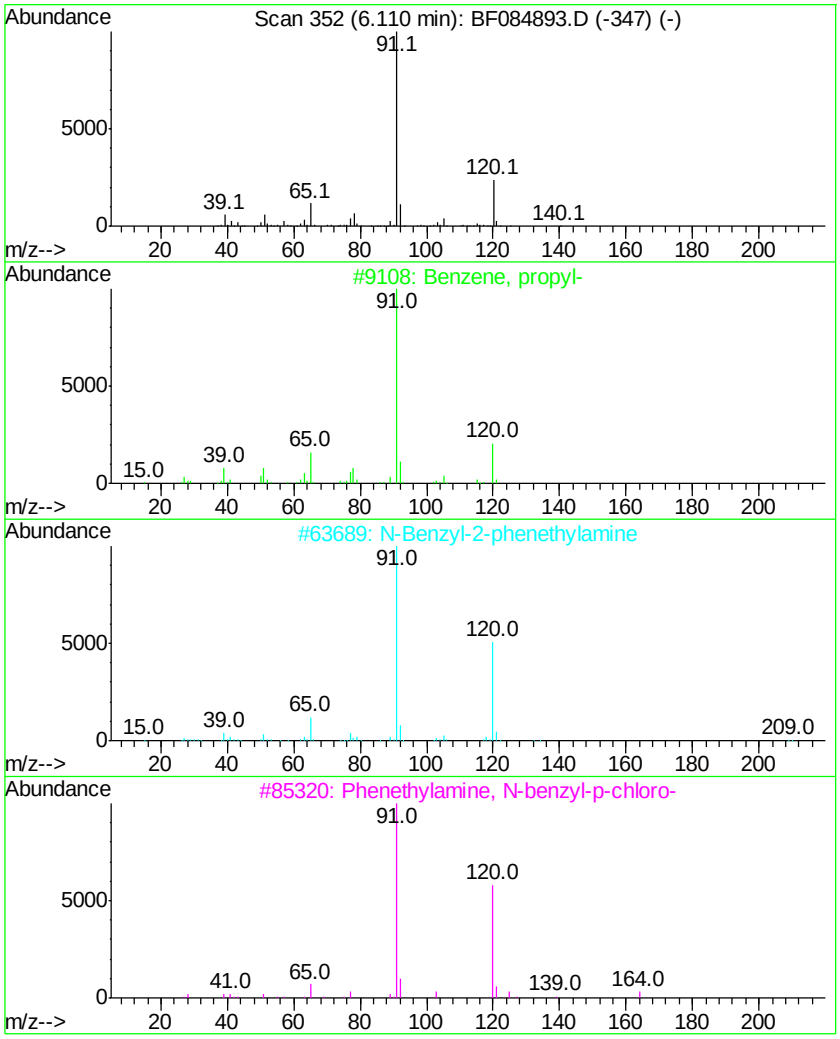
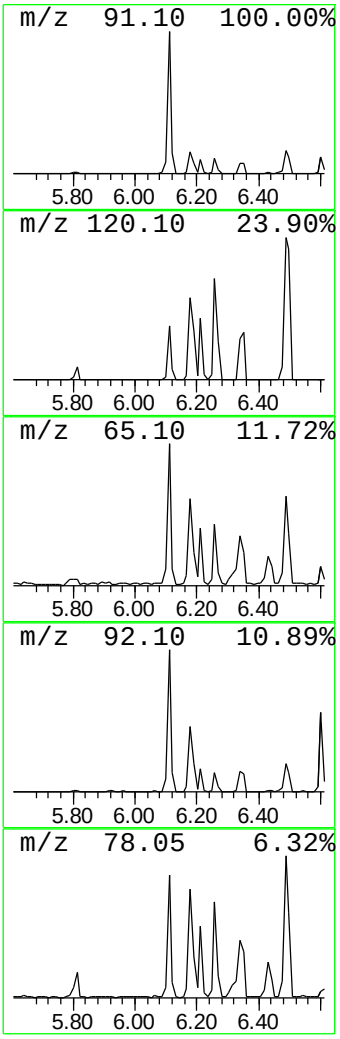
Peak Number 10 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	42.98 ng	3012620	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	Benzene, (ethenyloxy)-	120	C8H8O	000766-94-9	59





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Sample : H1329-19
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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
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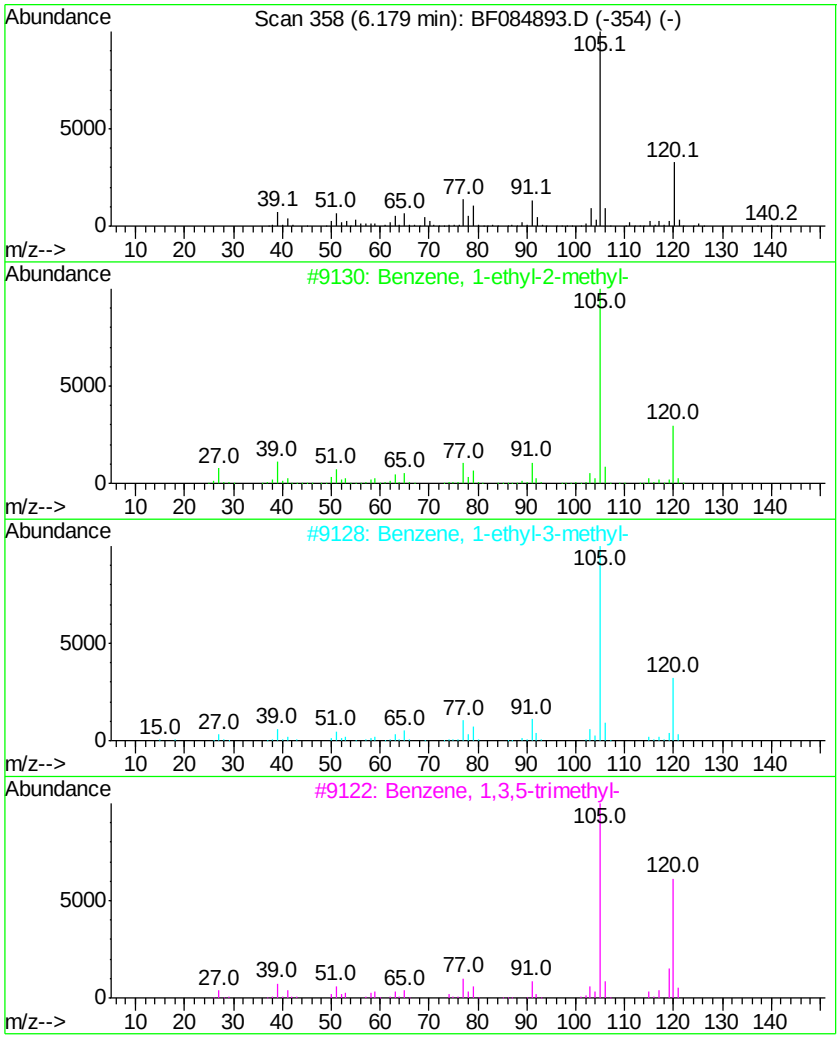
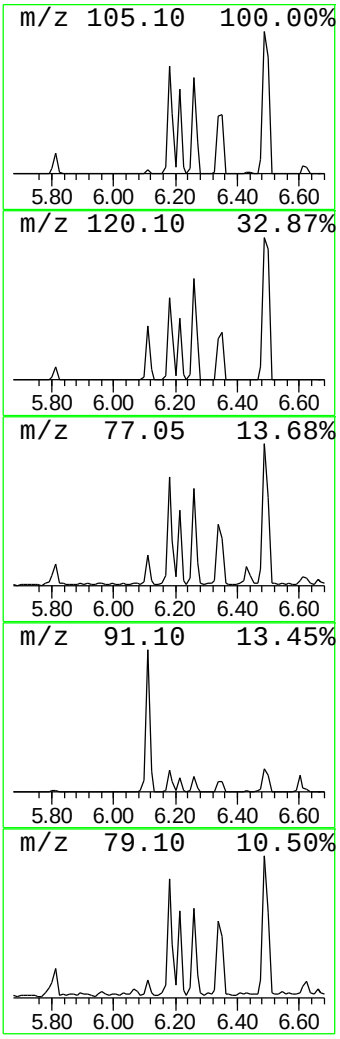
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	94.64 ng	6633570	1,4-Dichlorobenzene-d4	6.66

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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
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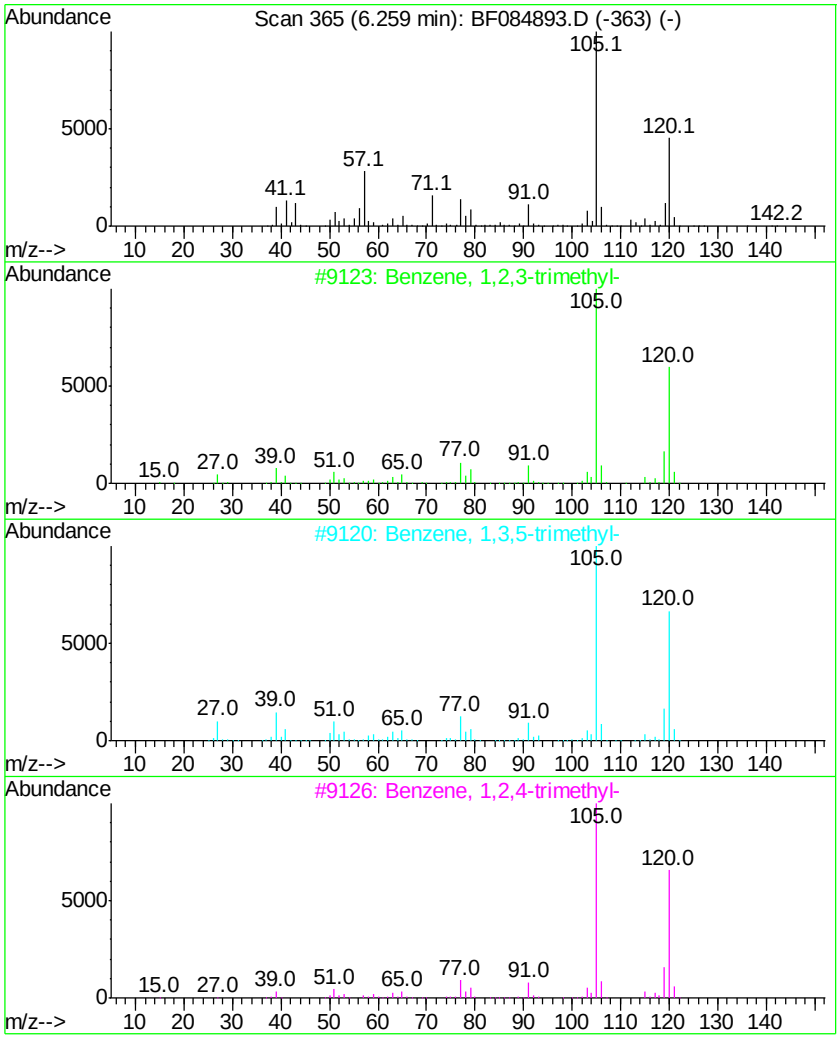
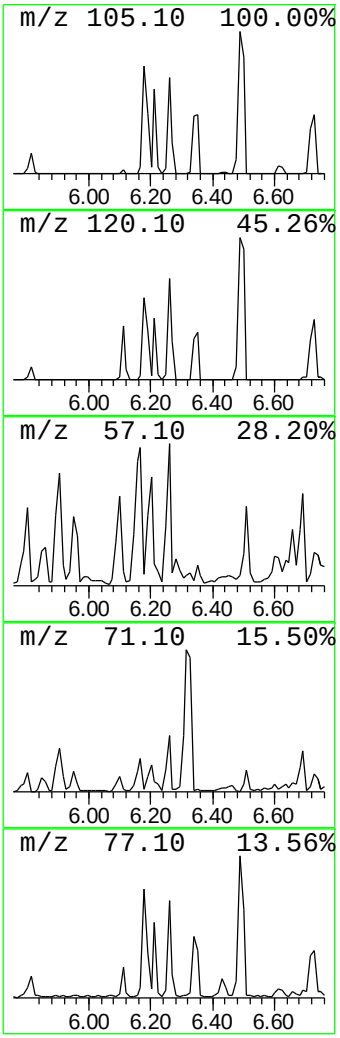
Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	60.49 ng	4240010	1,4-Dichlorobenzene-d4	6.66

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-4-methyl-	120	C9H12	000622-96-8	81
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81





Library Search Compound Report

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Data File : BF084893.D
Acq On : 6 Feb 2016 6:41
Operator : SJ/IZ
Sample : H1329-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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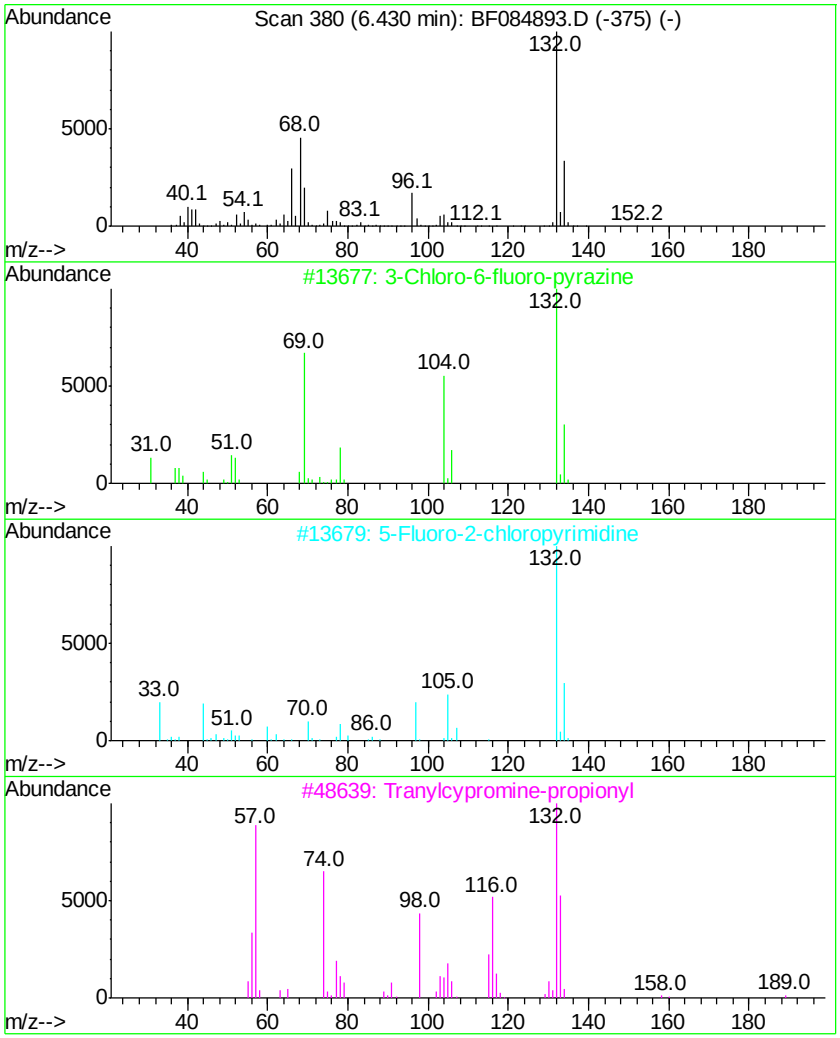
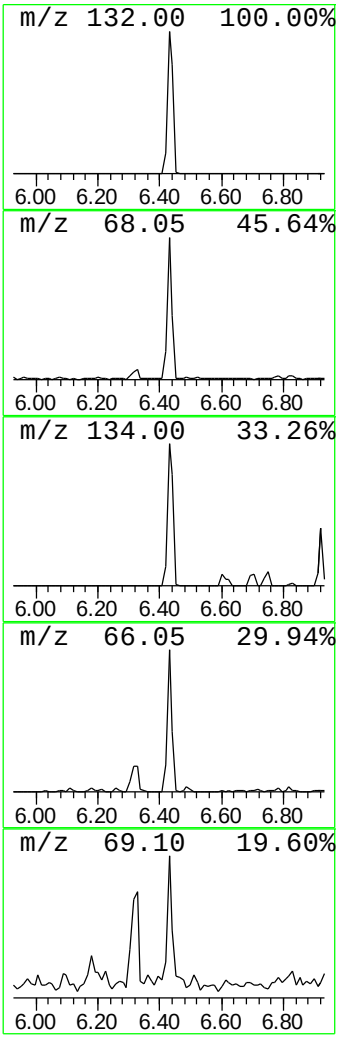
Peak Number 13 unknown6.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	84.28 ng	5907600	1,4-Dichlorobenzene-d4	6.66

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-Aminoindole	132	C8H8N2	005192-03-0	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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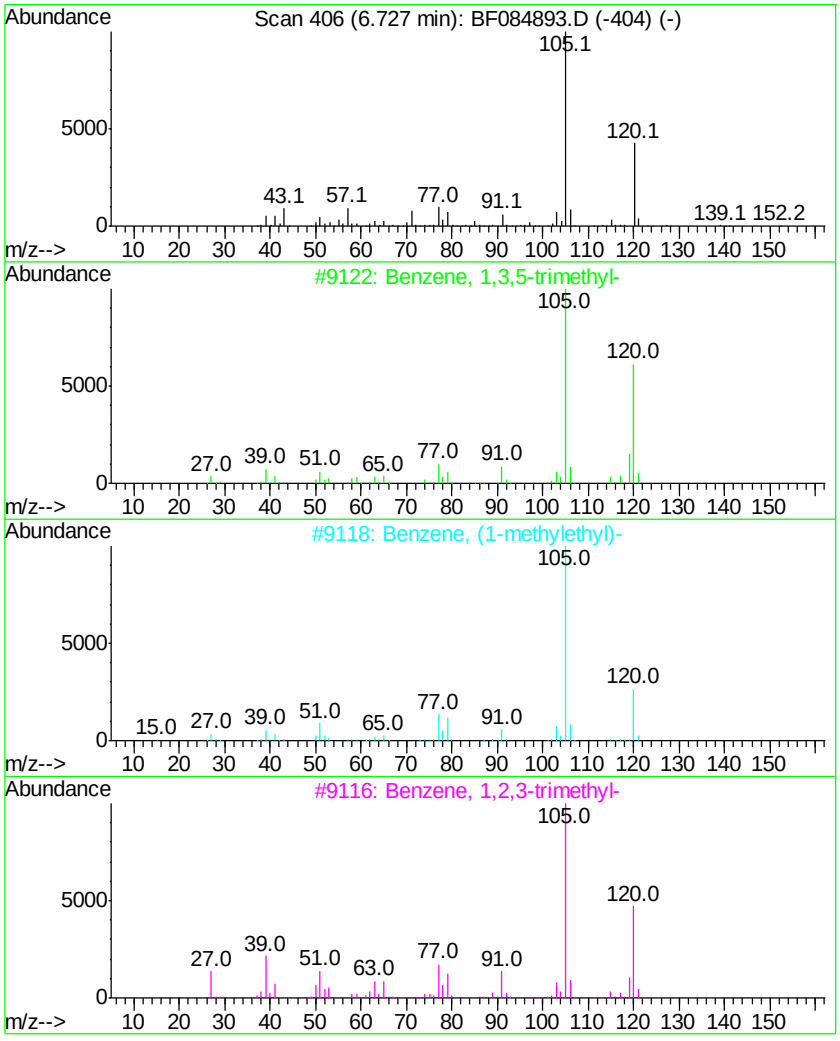
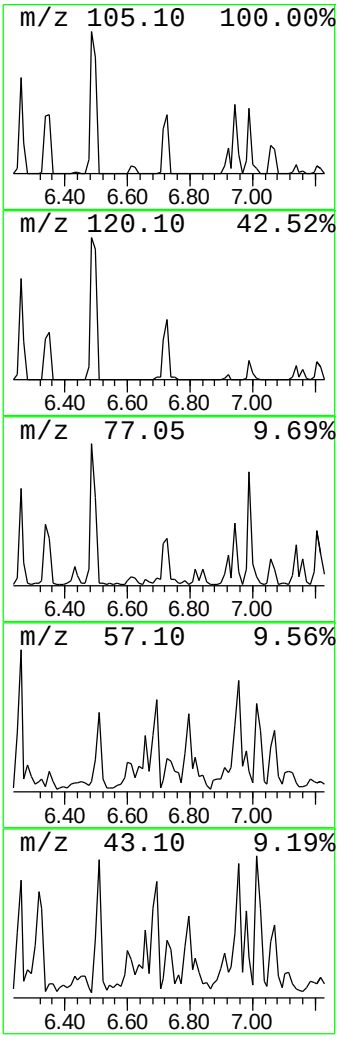
Peak Number 15 Benzene, 1,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	42.74 ng	2995900	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	80
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	80
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72





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Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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

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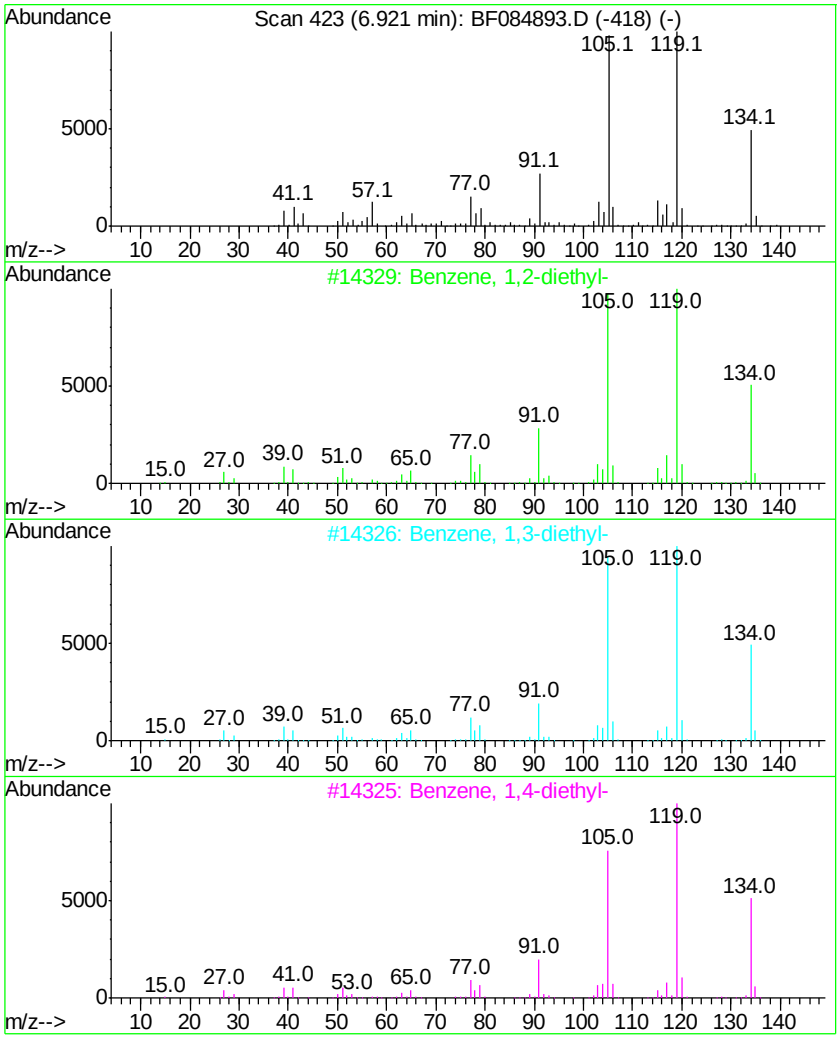
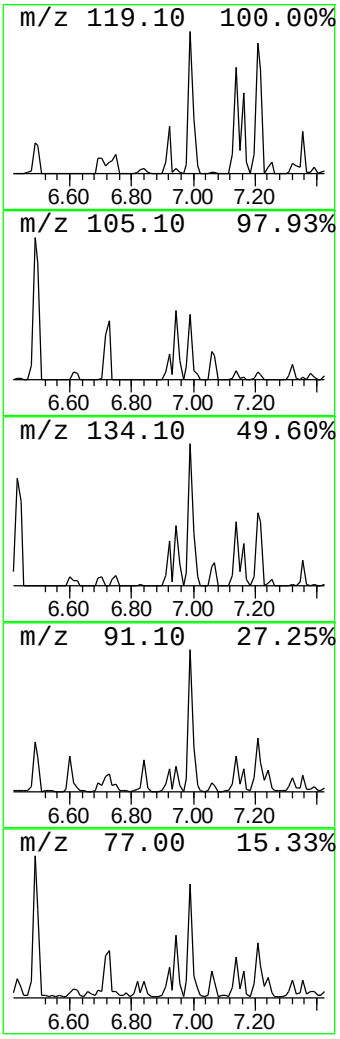
Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	30.24 ng	2119890	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

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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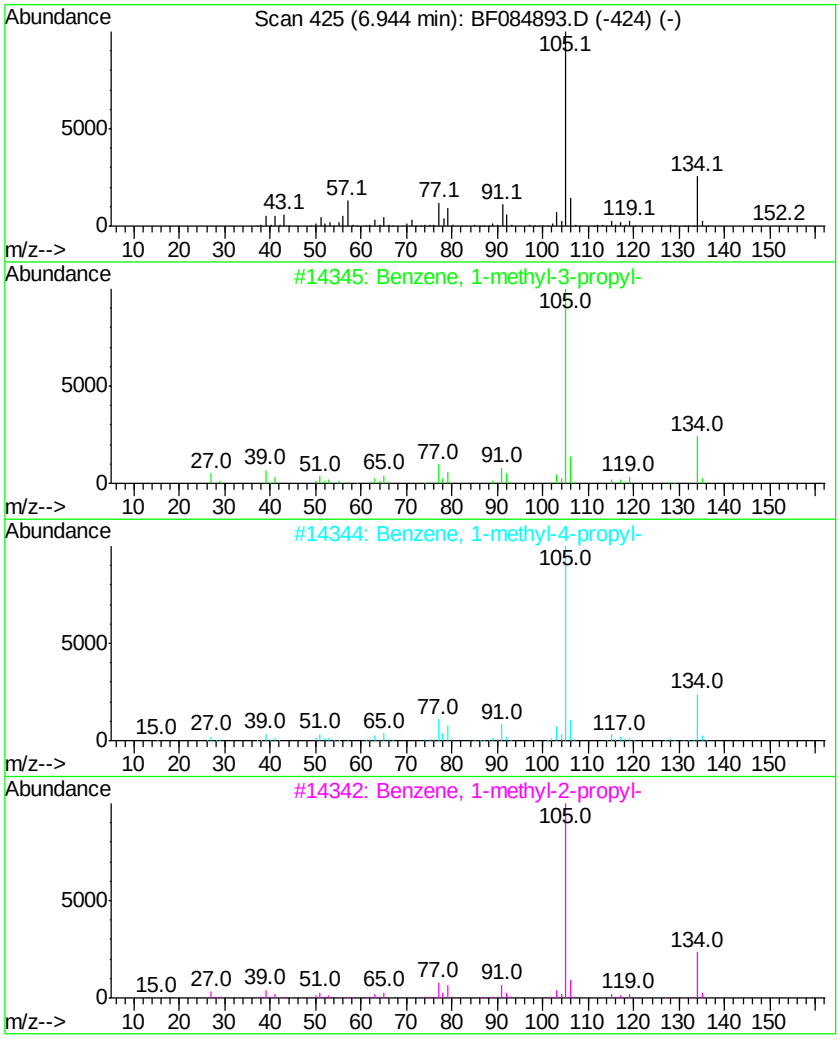
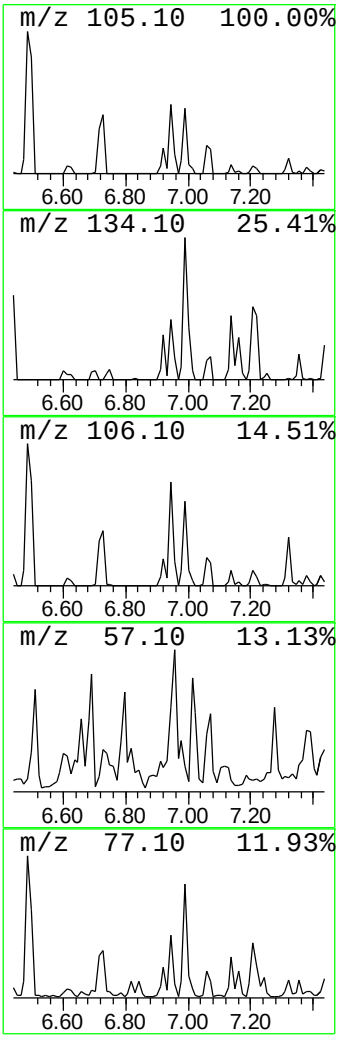
Peak Number 18 Benzene, 1-methyl-3-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	38.06 ng	2667730	1,4-Dichlorobenzene-d4	6.66

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	87
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	74
5	2-Tolyloxirane	134	C9H10O	002783-26-8	74





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Instrument : BNA_F
ClientSampleId : S4-B004(21-23)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Integration Parameters: LSCINT.P

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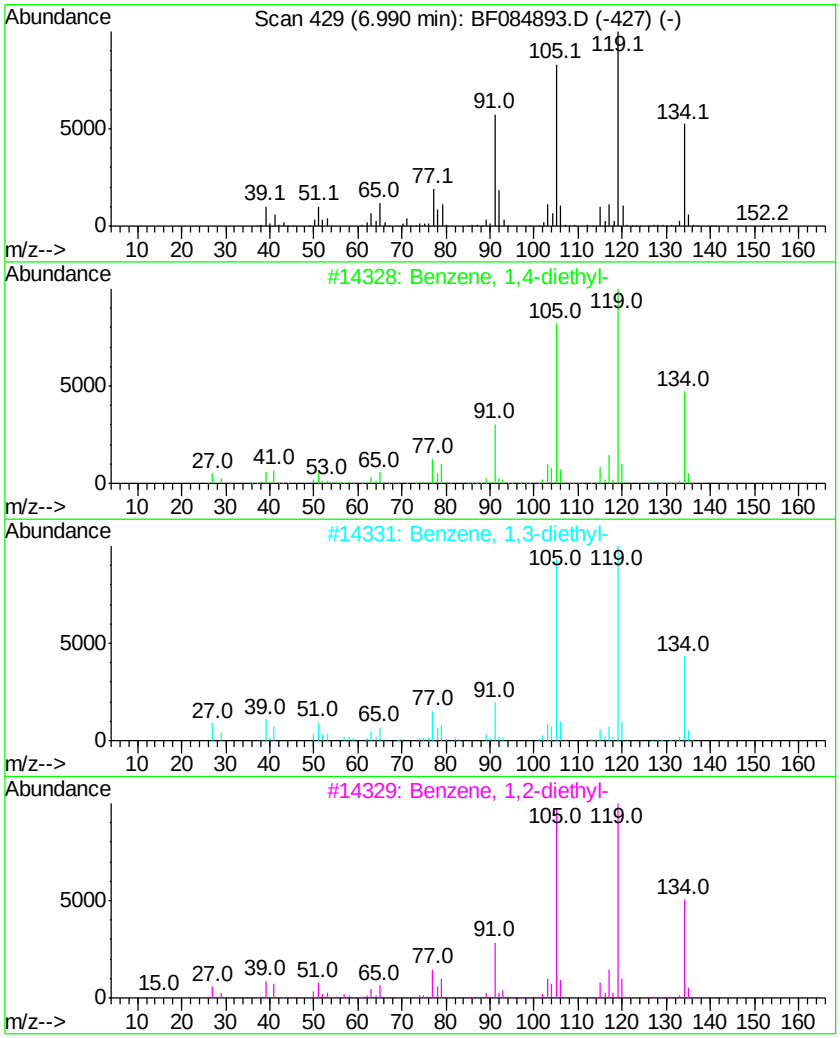
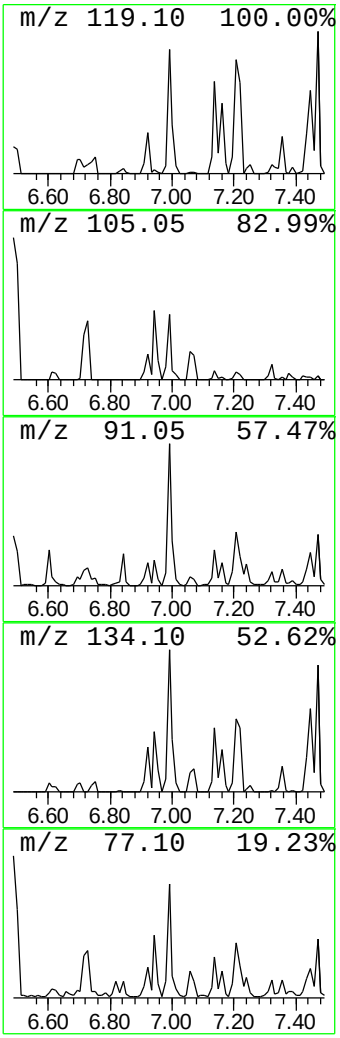
Peak Number 19 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	83.87 ng	5878450	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
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	90





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TIC Integration Parameters: LSCINT.P

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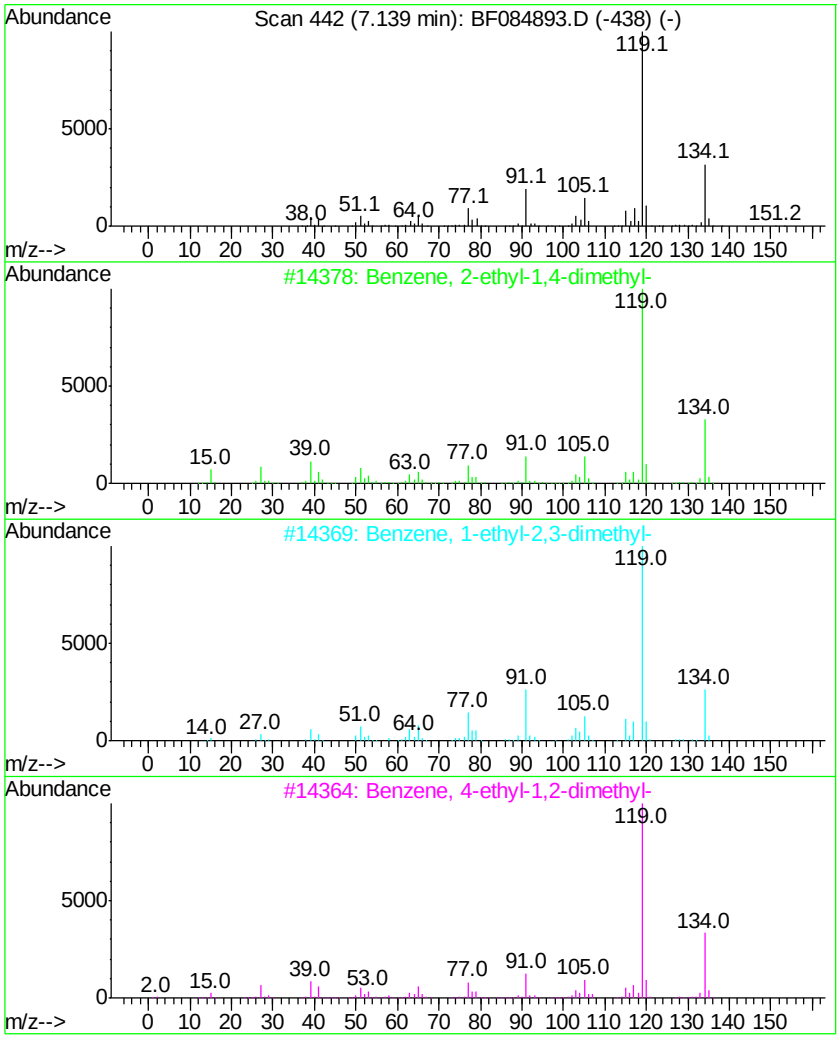
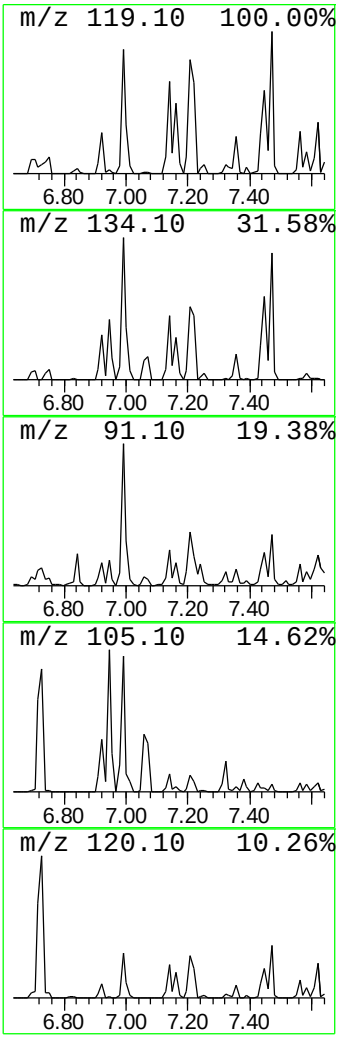
Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	31.50 ng	2207710	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Tentatively Identified Compound (LSC) summary

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Data File : BF084893.D
Acq On : 6 Feb 2016 6:41
Operator : SJ/IZ
Sample : H1329-19
Misc :
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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
Cyclohexane, methyl-	2.49	31.1	ng	2181850	1	6.66	1401860	20.0
Heptane, 2-methyl-	3.39	36.4	ng	2554500	1	6.66	1401860	20.0
Heptane, 3-methyl-	3.57	28.7	ng	2009940	1	6.66	1401860	20.0
Octane	4.16	44.5	ng	3122950	1	6.66	1401860	20.0
unknown4.72	4.72	29.5	ng	2065340	1	6.66	1401860	20.0
2-Pentanone, 4-hy...	4.82	45.3	ng	3175190	1	6.66	1401860	20.0
Benzene, 1,3-dime...	5.47	37.8	ng	2652190	1	6.66	1401860	20.0
Benzene, propyl-	6.11	43.0	ng	3012620	1	6.66	1401860	20.0
Benzene, 1-ethyl-...	6.18	94.6	ng	6633570	1	6.66	1401860	20.0
Benzene, 1,2,3-tr...	6.26	60.5	ng	4240010	1	6.66	1401860	20.0
unknown6.43	6.43	84.3	ng	5907600	1	6.66	1401860	20.0
Benzene, 1,3,5-tr...	6.73	42.7	ng	2995900	1	6.66	1401860	20.0
Benzene, 1,2-diet...	6.92	30.2	ng	2119890	1	6.66	1401860	20.0
Benzene, 1-methyl...	6.94	38.1	ng	2667730	1	6.66	1401860	20.0
Benzene, 1,4-diet...	6.99	83.9	ng	5878450	1	6.66	1401860	20.0
Benzene, 2-ethyl-...	7.14	31.5	ng	2207710	1	6.66	1401860	20.0