LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084894.D
Acq On : 6 Feb 2016 7:09
Operator : SJ/IZ
Sample : H1329-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(30-32)

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	26	34	37	rVB	1045810	2485369	26.32%	1.196%
2	2.544	37	40	42	rBV	259028	481217	5.10%	0.232%
3	2.795	54	62	64	rBV2	268356	739028	7.83%	0.356%
4	2.967	71	77	80	rBV2	302869	852820	9.03%	0.410%
5	3.207	95	98	102	rBV	220544	451860	4.79%	0.217%
6	3.367	107	112	118	rVB2	1175820	3508473	37.16%	1.688%
7	3.481	118	122	125	rBV2	174325	450435	4.77%	0.217%
8	3.561	125	129	133	rVB	1264985	2725145	28.86%	1.311%
9	3.744	139	145	148	rBV3	879528	1841634	19.51%	0.886%
10	3.927	157	161	163	rBV	369916	789178	8.36%	0.380%
11	3.984	163	166	168	rBV	334869	662774	7.02%	0.319%
12	4.144	177	180	184	rVB2	2430622	3959172	41.93%	1.905%
13	4.270	187	191	196	rBV2	899432	1752400	18.56%	0.843%
14	4.373	196	200	203	rVB3	204003	476927	5.05%	0.229%
15	4.498	209	211	213	rBV	367857	509545	5.40%	0.245%
16	4.624	220	222	224	rVB	811174	891061	9.44%	0.429%
17	4.681	224	227	228	rBV2	305795	632213	6.70%	0.304%
18	4.716	228	230	234	rVB	1963912	2690307	28.49%	1.294%
19	4.784	234	236	237	rBV	745677	1095606	11.60%	0.527%
20	4.807	237	238	241	rVB	656029	686041	7.27%	0.330%
21	4.921	245	248	253	rVB4	260761	640266	6.78%	0.308%
22	5.013	253	256	257	rBV	918924	1302360	13.79%	0.627%
23	5.081	257	262	263	rBV	2474663	2832143	30.00%	1.363%
24	5.116	263	265	266	rBV	878574	1524312	16.14%	0.733%
25	5.139	266	267	270	rVB	1573397	1365442	14.46%	0.657%
26	5.207	270	273	275	rBV2	4850435	9441799	100.00%	4.543%
27	5.253	275	277	279	rVB	3404686	3257550	34.50%	1.567%
28	5.299	279	281	284	rVB3	375612	653940	6.93%	0.315%
29	5.390	287	289	292	rBV	977004	1455691	15.42%	0.700%
30	5.470	294	296	300	rVB2	2621756	3226594	34.17%	1.552%
31	5.550	300	303	305	rVB	2230947	2283196	24.18%	1.099%
32	5.653	309	312	314	rVB	857034	1239228	13.12%	0.596%
33	5.710	314	317	322	rBV4	445447	1260105	13.35%	0.606%
34	5.801	322	325	327	rBV2	1234980	2283671	24.19%	1.099%

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Sample : H1329-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(30-32)

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	5.859	327	330	332	rBV3	440125	671636	7.11%	0.323%
36	5.893	332	333	337	rBV2	1450489	2473730	26.20%	1.190%
37	5.950	337	338	341	rBV3	560381	860282	9.11%	0.414%
38	6.110	347	352	354	rBV2	2715340	3690099	39.08%	1.775%
39	6.179	354	358	360	rBV2	3455865	7693863	81.49%	3.702%
40	6.213	360	361	363	rVB	2457814	2041604	21.62%	0.982%
41	6.259	363	365	368	rBV	4365775	5124466	54.27%	2.466%
42	6.316	368	370	371	rBV	3008771	3386584	35.87%	1.629%
43	6.350	371	373	375	rVB	2621203	3061409	32.42%	1.473%
44	6.430	378	380	383	rVB	3504875	3367298	35.66%	1.620%
45	6.487	383	385	389	rVB2	4469633	6635993	70.28%	3.193%
46	6.602	393	395	399	rBV2	702333	1525809	16.16%	0.734%
47	6.659	399	400	402	rBV	1319085	1302090	13.79%	0.626%
48	6.693	402	403	404	rVB	1206165	826826	8.76%	0.398%
49	6.727	404	406	408	rBV	2131198	2584355	27.37%	1.243%
50	6.819	412	414	415	rVV	2860762	2136406	22.63%	1.028%
51	6.922	418	423	424	rBV2	1970148	2652379	28.09%	1.276%
52	6.944	424	425	427	rVB2	2216873	2654679	28.12%	1.277%
53	6.990	427	429	434	rVB2	4497905	6837490	72.42%	3.290%
54	7.070	434	436	438	rVB	1686765	2179030	23.08%	1.048%
55	7.139	438	442	446	rBV	1926921	2694795	28.54%	1.297%
56	7.219	446	449	450	rBV	3356159	6301997	66.75%	3.032%
57	7.242	450	451	453	rVB2	3818174	3006419	31.84%	1.447%
58	7.322	455	458	460	rBV3	978508	1091304	11.56%	0.525%
59	7.356	460	461	463	rBV	899992	1057542	11.20%	0.509%
60	7.390	463	464	466	rVB	687363	571912	6.06%	0.275%
61	7.447	466	469	470	rBV	2458779	3142093	33.28%	1.512%
62	7.470	470	471	474	rVB	3600662	3027468	32.06%	1.457%
63	7.516	474	475	477	rBV	424232	439665	4.66%	0.212%
64	7.584	477	481	482	rBV2	1330075	2326856	24.64%	1.120%
65	7.630	482	485	488	rVB3	2218927	4754433	50.36%	2.288%
66	7.687	488	490	492	rBV3	3122721	5206610	55.14%	2.505%
67	7.722	492	493	495	rVB2	1339876	1749244	18.53%	0.842%
68	7.779	495	498	500	rVB4	1274475	2497138	26.45%	1.201%
69	7.825	500	502	504	rBV	841566	1007802	10.67%	0.485%
70	7.950	506	513	514	rBV	4177404	6877099	72.84%	3.309%
71	7.973	514	515	517	rBV	2871744	2837192	30.05%	1.365%

LSC Area Percent Report

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Acq On : 6 Feb 2016 7:09
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ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(30-32)

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	8.133	526	529	530	rVV3	723849	1065003	11.28%	0.512%
73	8.236	534	538	543	rVV7	1069697	3414004	36.16%	1.643%
74	8.305	543	544	546	rVV2	528101	839638	8.89%	0.404%
75	8.339	546	547	549	rVV2	1787762	1610236	17.05%	0.775%
76	8.385	549	551	553	rVV2	1137217	1496774	15.85%	0.720%
77	8.419	553	554	556	rVV	898318	859282	9.10%	0.413%
78	8.453	556	557	559	rVV2	511982	828835	8.78%	0.399%
79	8.556	563	566	567	rVV2	728402	984152	10.42%	0.474%
80	8.590	567	569	570	rVV2	336052	549474	5.82%	0.264%
81	8.659	572	575	577	rVB2	1881155	3036186	32.16%	1.461%
82	8.762	581	584	586	rVB	1420701	1443071	15.28%	0.694%
83	8.853	589	592	594	rBV4	226394	454882	4.82%	0.219%
84	8.979	600	603	605	rBV	463551	607521	6.43%	0.292%
85	9.025	605	607	610	rVB	3307229	3630869	38.46%	1.747%
86	9.288	627	630	633	rBV	446262	653193	6.92%	0.314%
87	9.356	634	636	638	rBV	564518	724913	7.68%	0.349%
88	9.425	641	642	644	rVB2	998094	1148331	12.16%	0.553%
89	9.699	663	666	668	rBV	1540577	1666213	17.65%	0.802%
90	9.905	678	684	685	rBV2	330649	570065	6.04%	0.274%
91	10.362	722	724	727	rBV	553653	663467	7.03%	0.319%
92	10.488	732	735	737	rVB	1872171	2218520	23.50%	1.067%
93	10.625	744	747	750	rBV	690451	954089	10.10%	0.459%
94	11.093	784	788	791	rVB	627442	837273	8.87%	0.403%
95	11.173	793	795	796	rBV	1296505	1019130	10.79%	0.490%
96	12.762	932	934	937	rBV	2999703	2871541	30.41%	1.382%
97	13.048	957	959	964	rBV2	204701	484720	5.13%	0.233%
98	13.677	1010	1014	1019	rBV3	269987	874734	9.26%	0.421%
99	13.802	1024	1025	1029	rVB	836248	871711	9.23%	0.419%
100	15.174	1143	1145	1148	rVB	615561	714952	7.57%	0.344%

Sum of corrected areas: 207835878

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Operator : SJ/IZ
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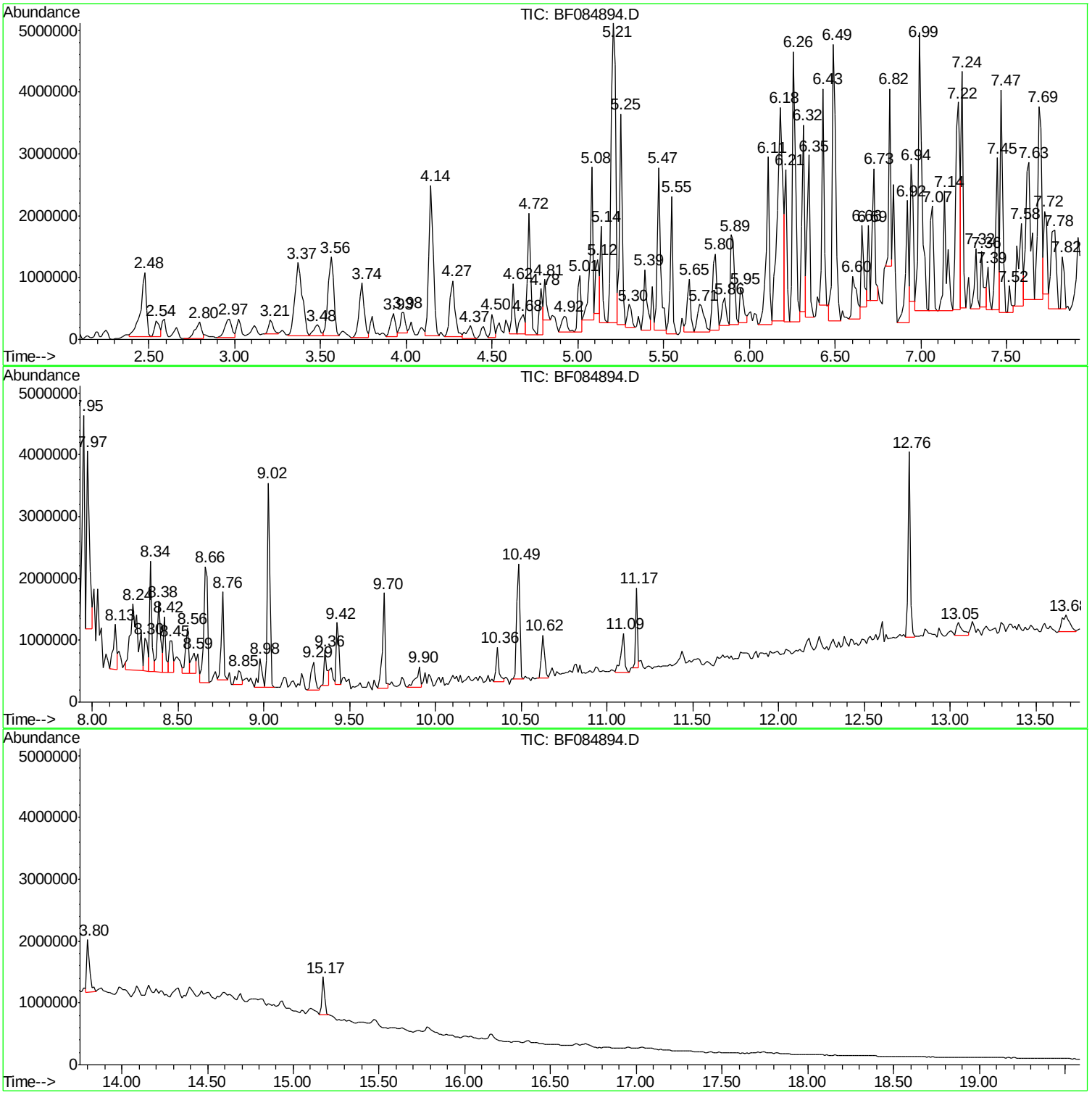
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B004(30-32)

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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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

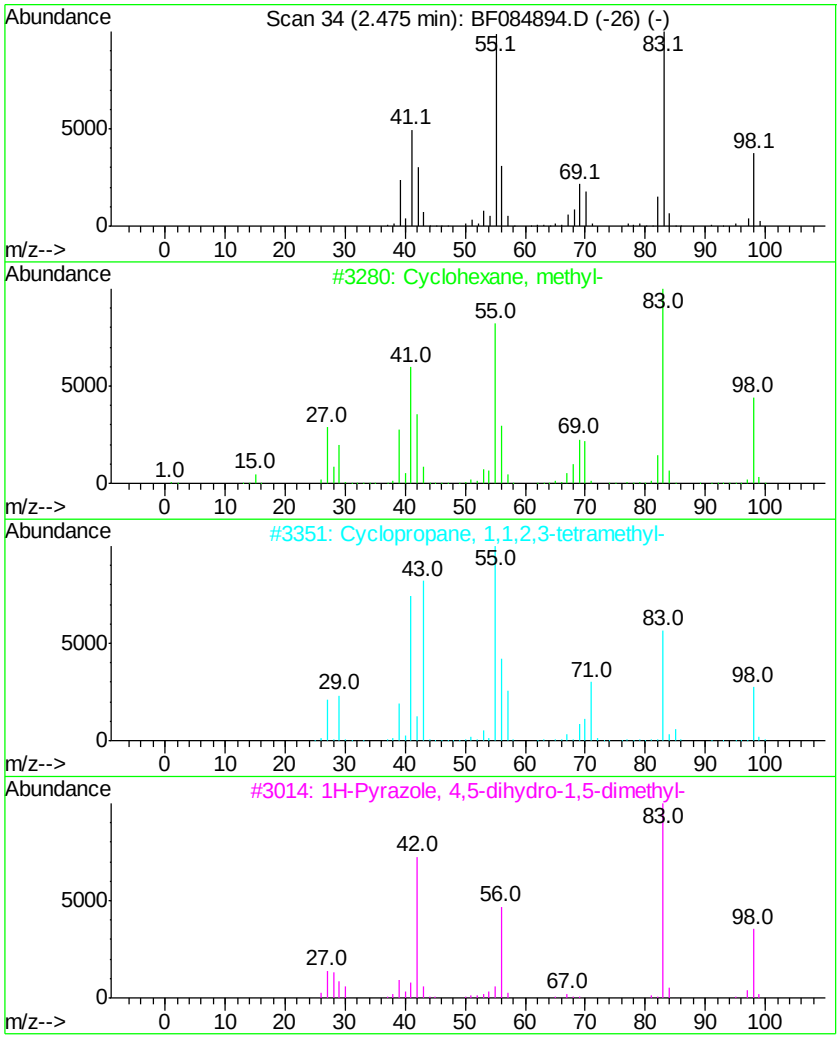
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

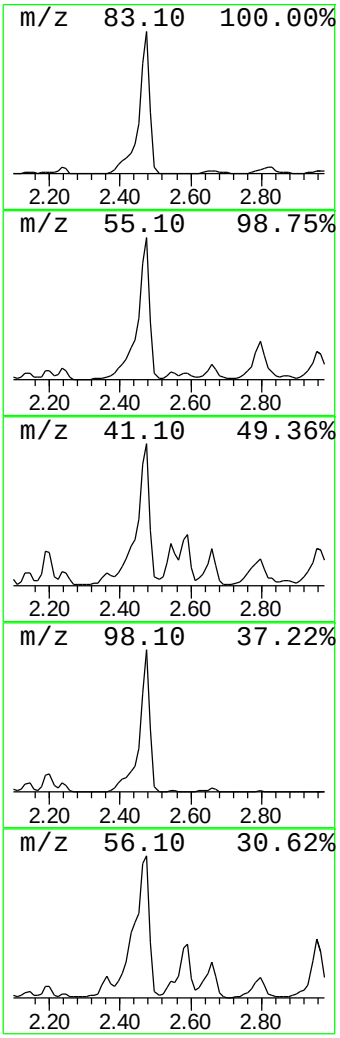
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.48	38.18 ng	2485370	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	97
2	Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	72
3	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	72
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	64
5	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
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Acq On : 6 Feb 2016 7:09
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Sample : H1329-20
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ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(30-32)

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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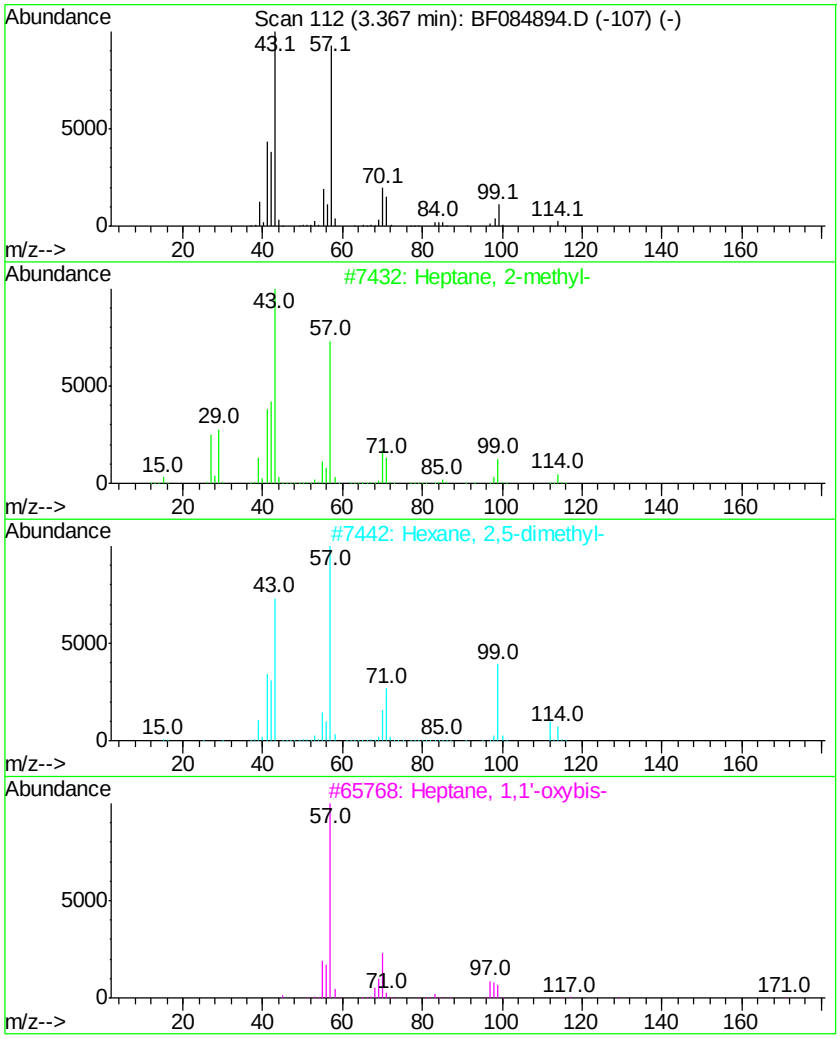
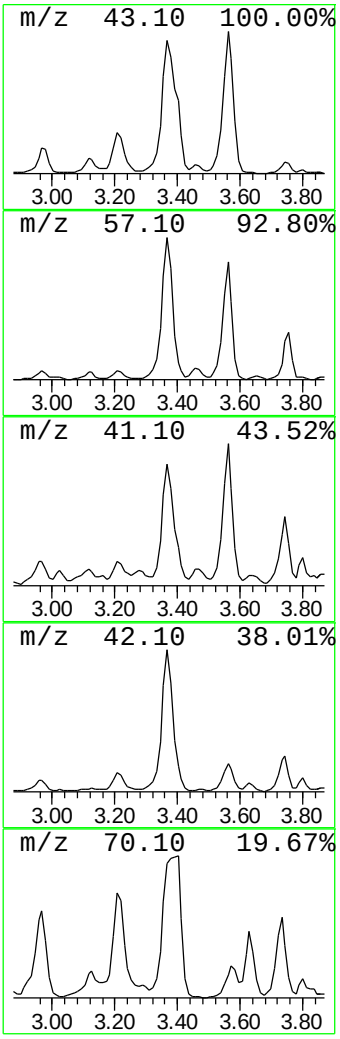
****

Peak Number 2 Heptane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	53.89 ng	3508470	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
4	2-Piperidinone	99	C5H9NO	000675-20-7	47
5	Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	43





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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

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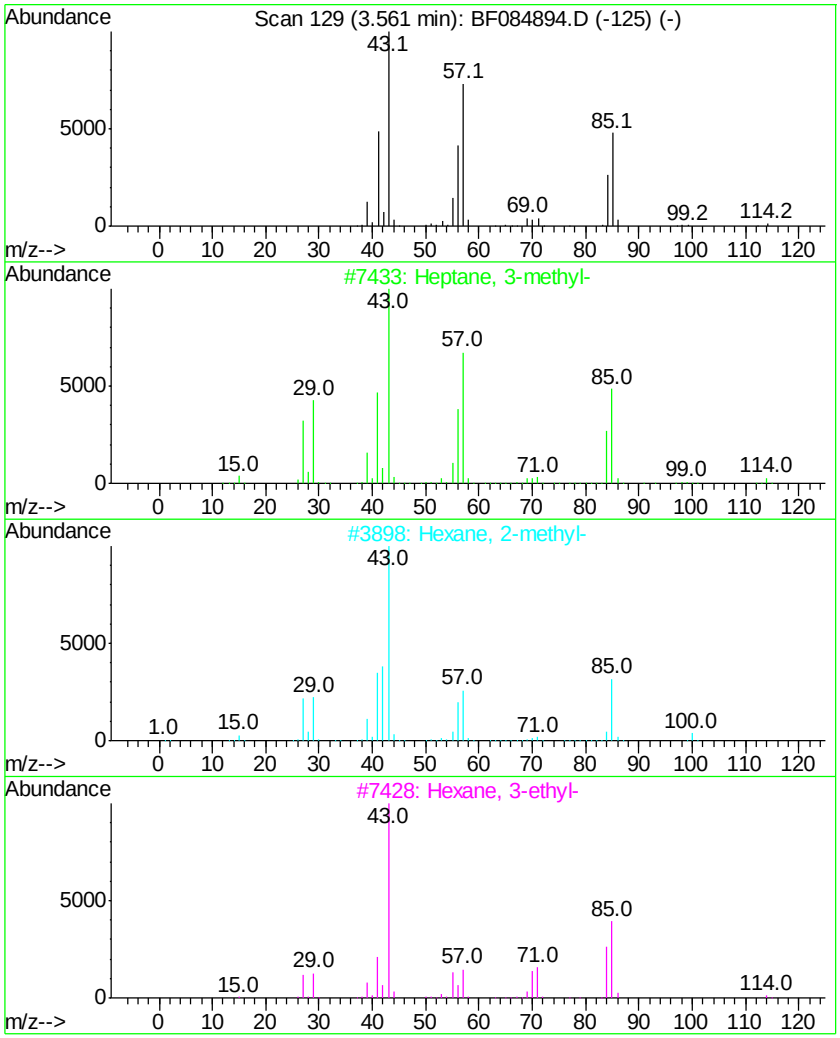
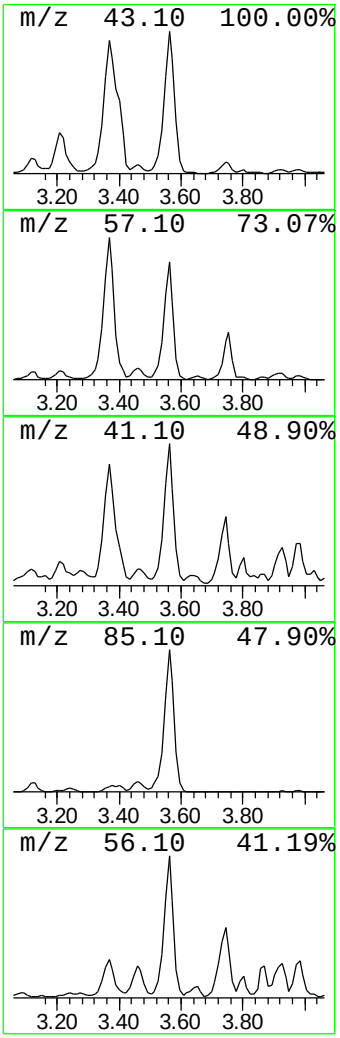
Peak Number 3 Heptane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	41.86 ng	2725150	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	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	62
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53





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ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(30-32)

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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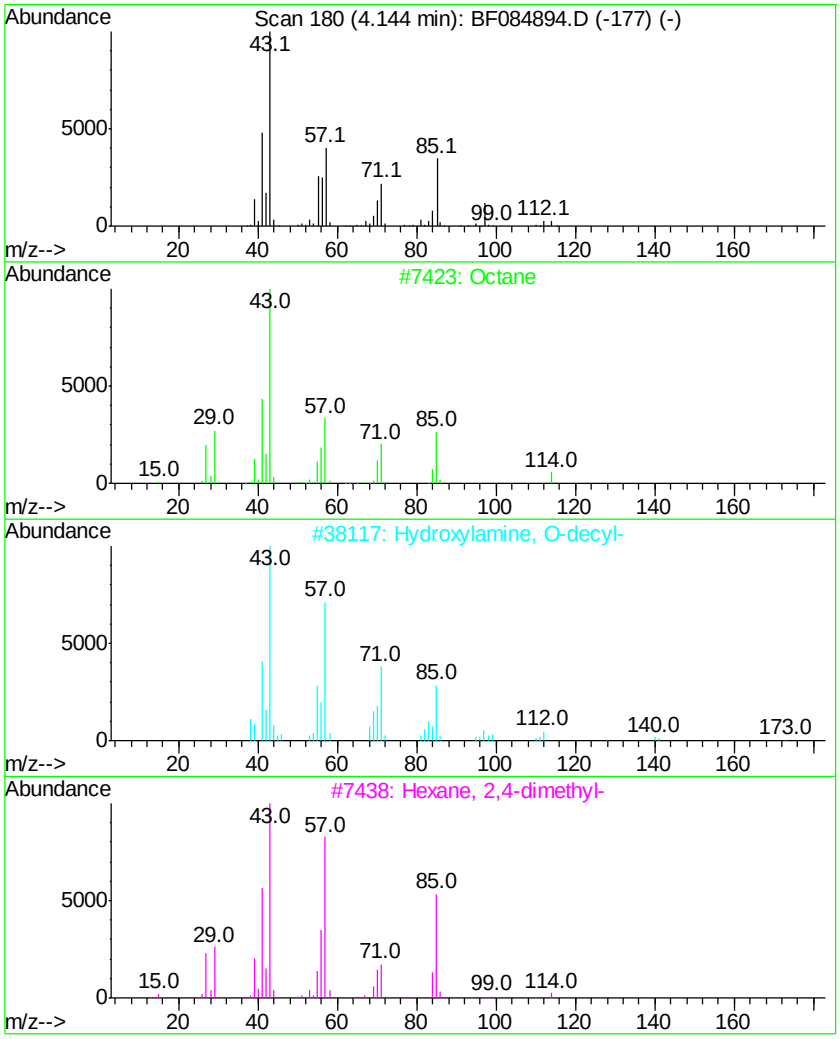
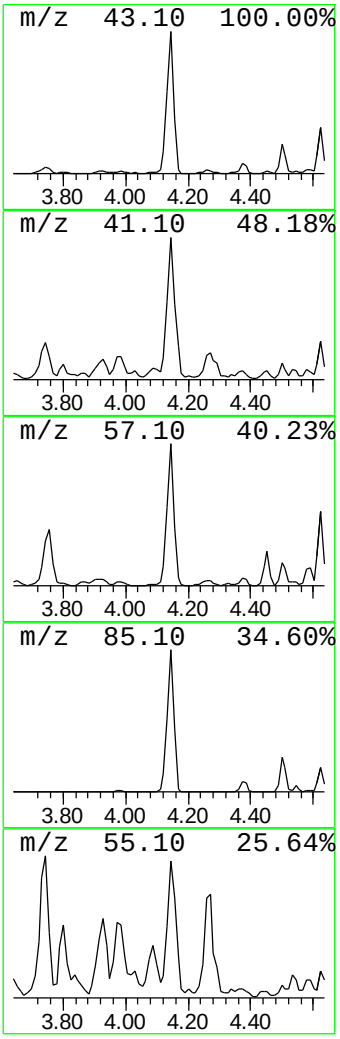
Peak Number 4 Octane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.14	60.81 ng	3959170	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	78
2	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	78
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53





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Operator : SJ/IZ
Sample : H1329-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(30-32)

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

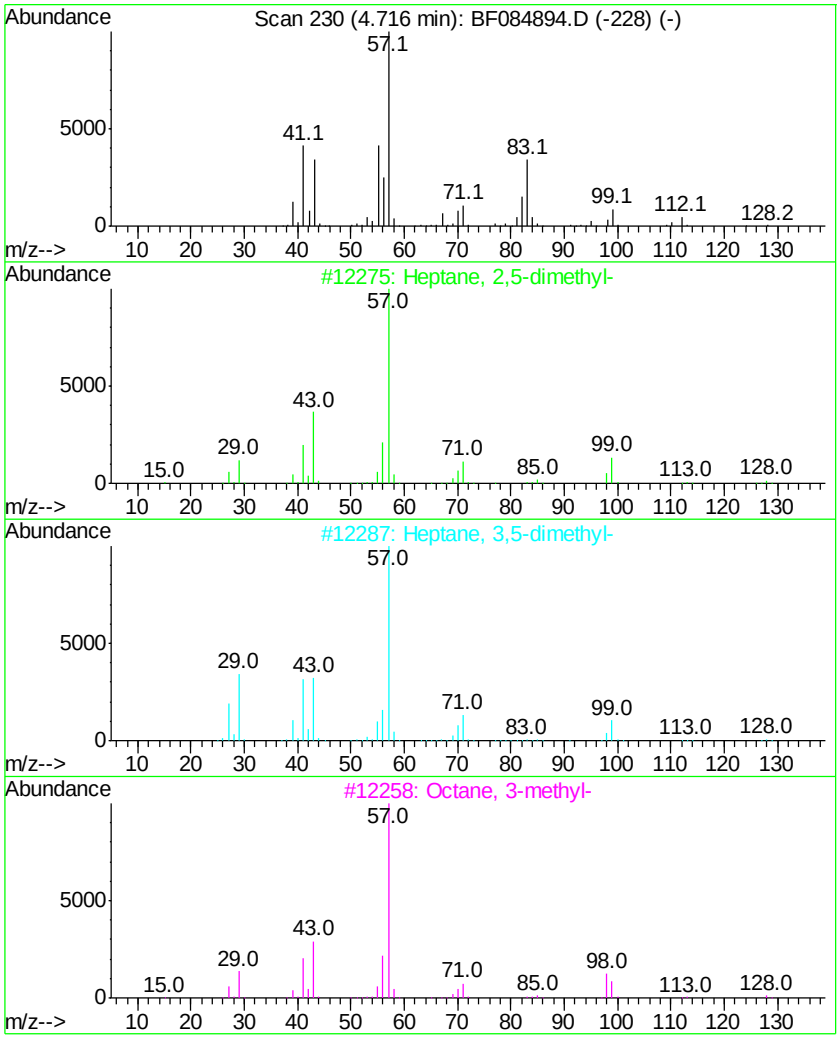
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

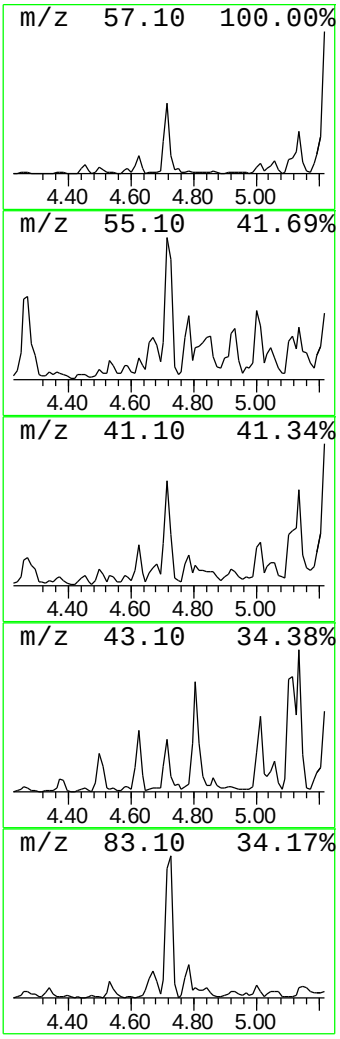
****

Peak Number 5 unknown4.72 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	41.32 ng	2690310	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	43
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38
3	Octane, 3-methyl-	128	C9H20	002216-33-3	37
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	37
5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	35





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Instrument : BNA_F
ClientSampleId : S4-B004(30-32)

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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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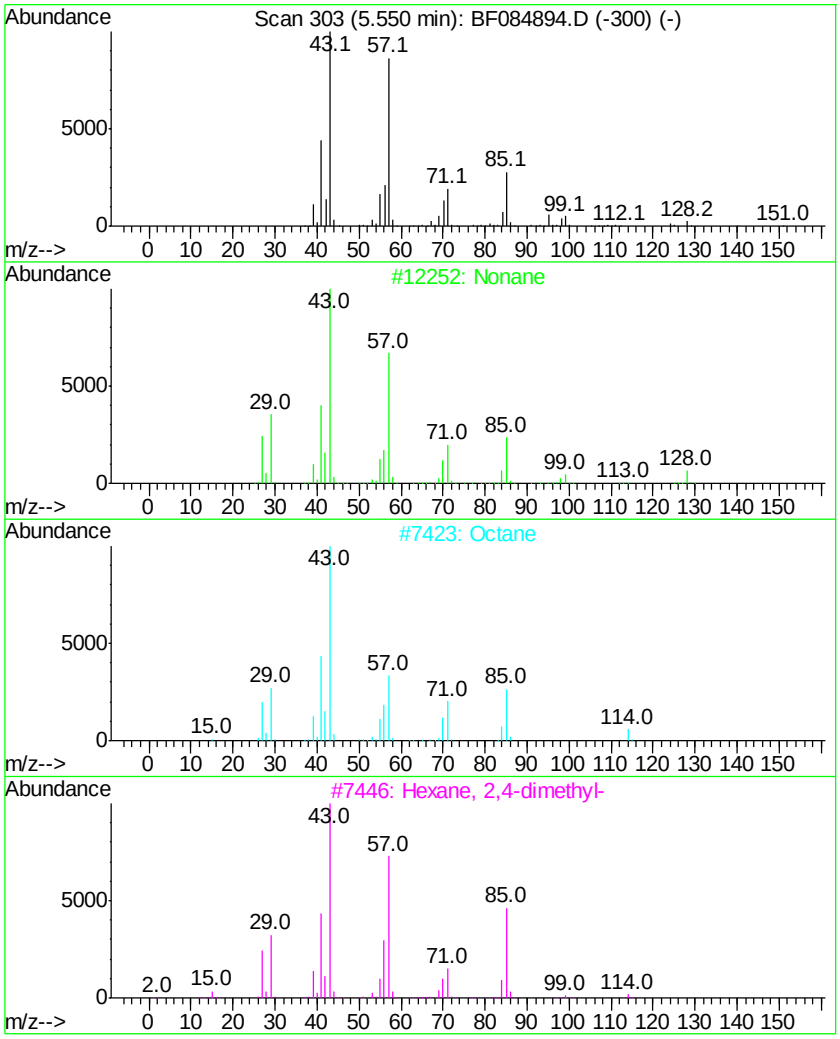
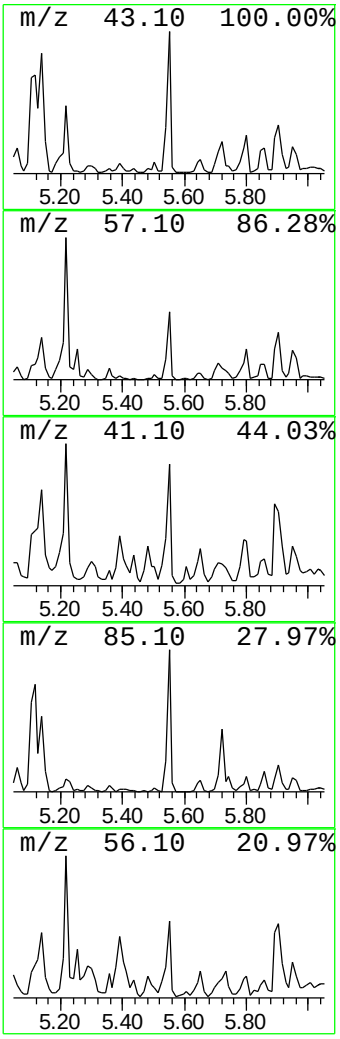
Peak Number 8 Nonane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	35.07 ng	2283200	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Octane	114	C8H18	000111-65-9	59
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	50
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50





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Acq On : 6 Feb 2016 7:09
Operator : SJ/IZ
Sample : H1329-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(30-32)

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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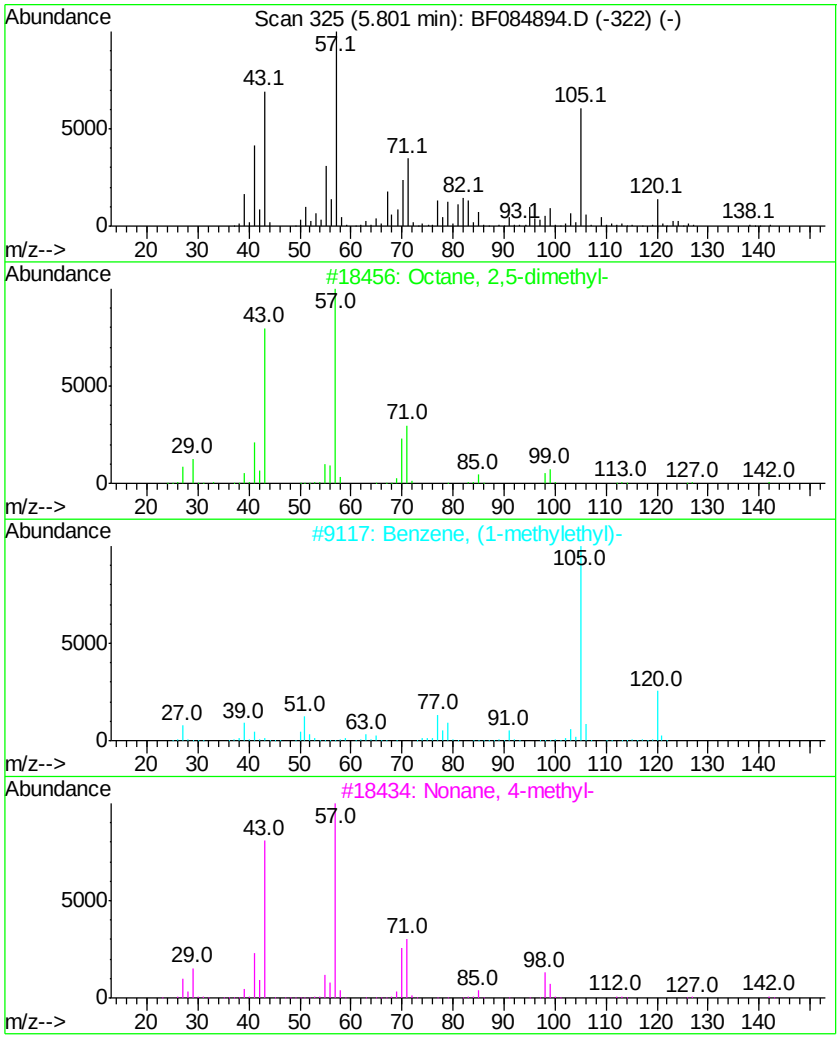
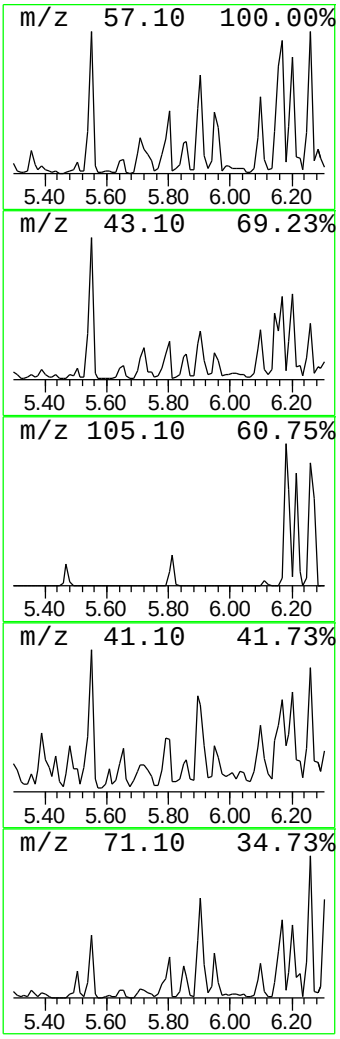
Peak Number 9 Octane, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	35.08 ng	2283670	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	60
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	53
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	49
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	27
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	27





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Operator : SJ/IZ
Sample : H1329-20
Misc :
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Instrument : BNA_F
ClientSampleId : S4-B004(30-32)

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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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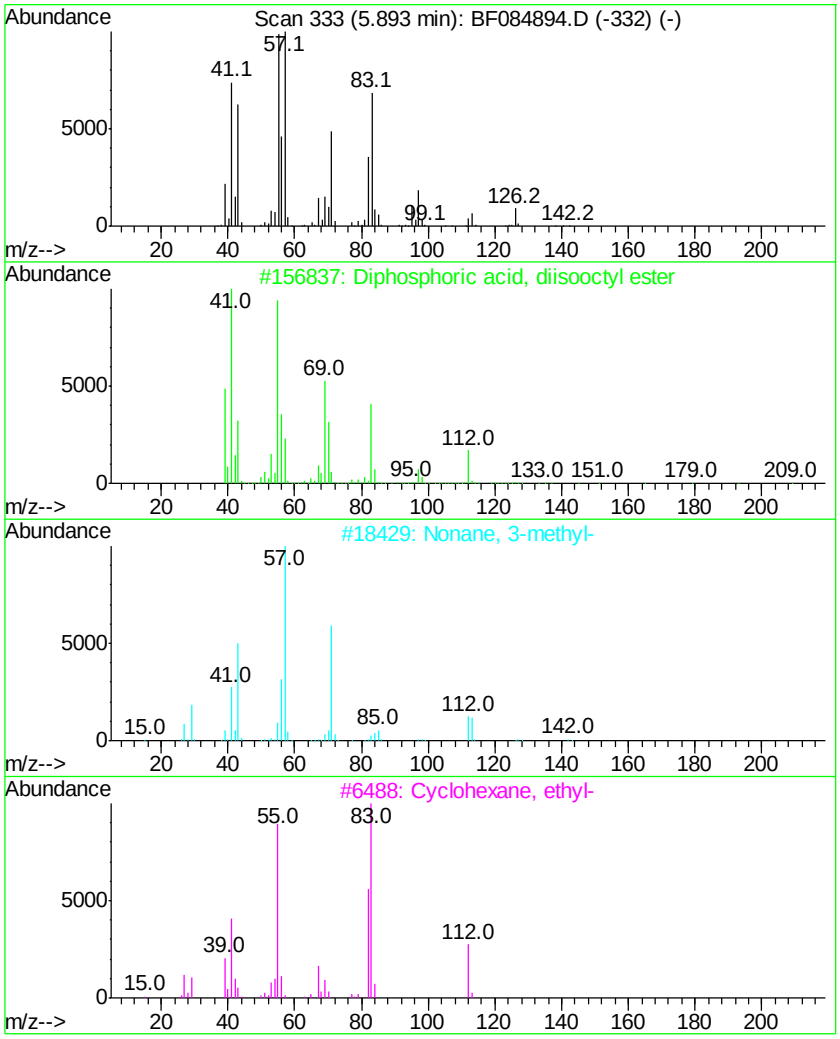
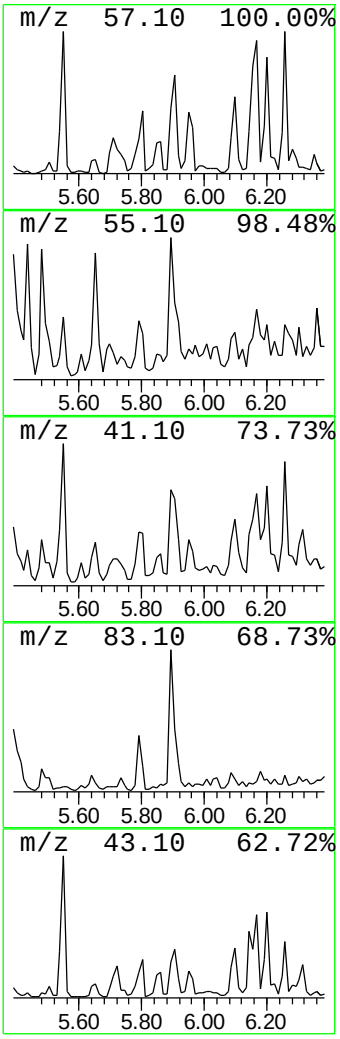
Peak Number 10 unknown5.89 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	38.00 ng	2473730	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	43
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	35
5	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	35





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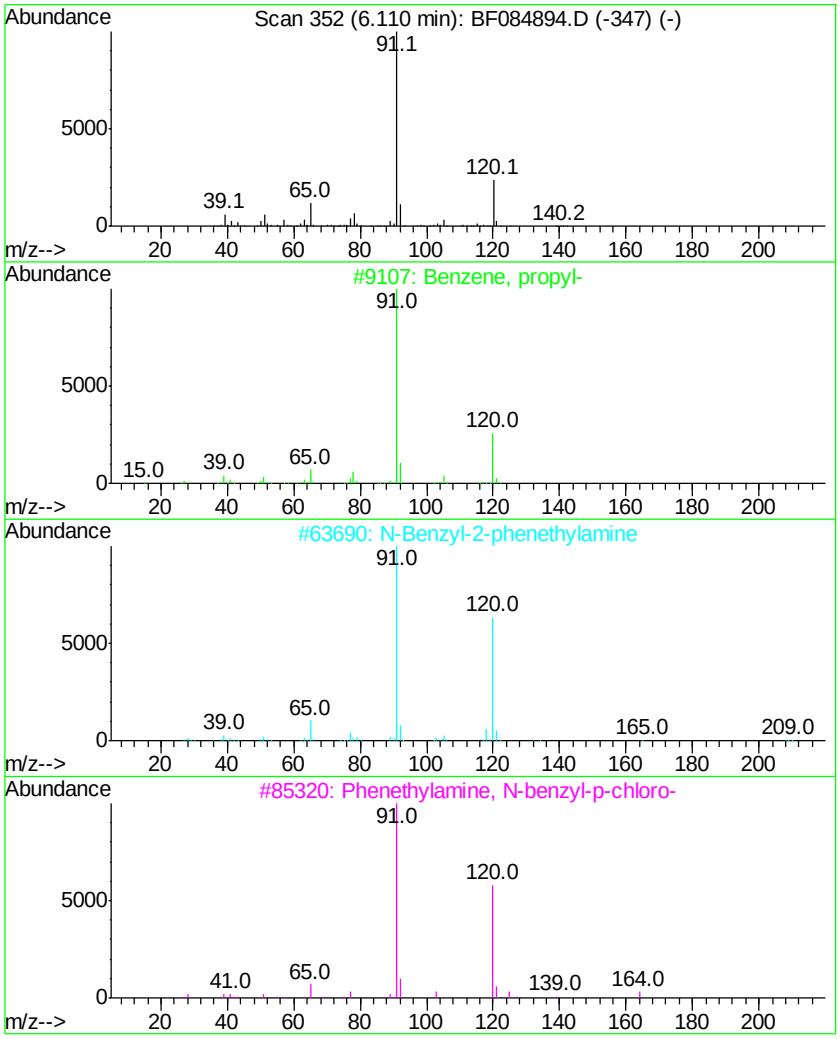
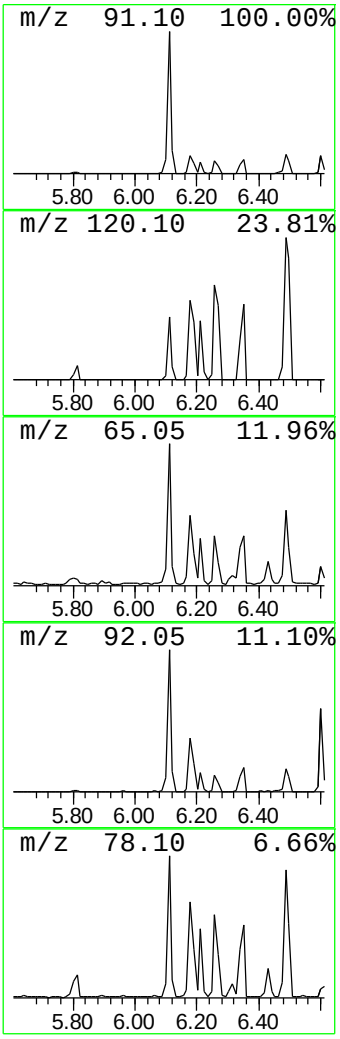
Peak Number 11 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	56.68 ng	3690100	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





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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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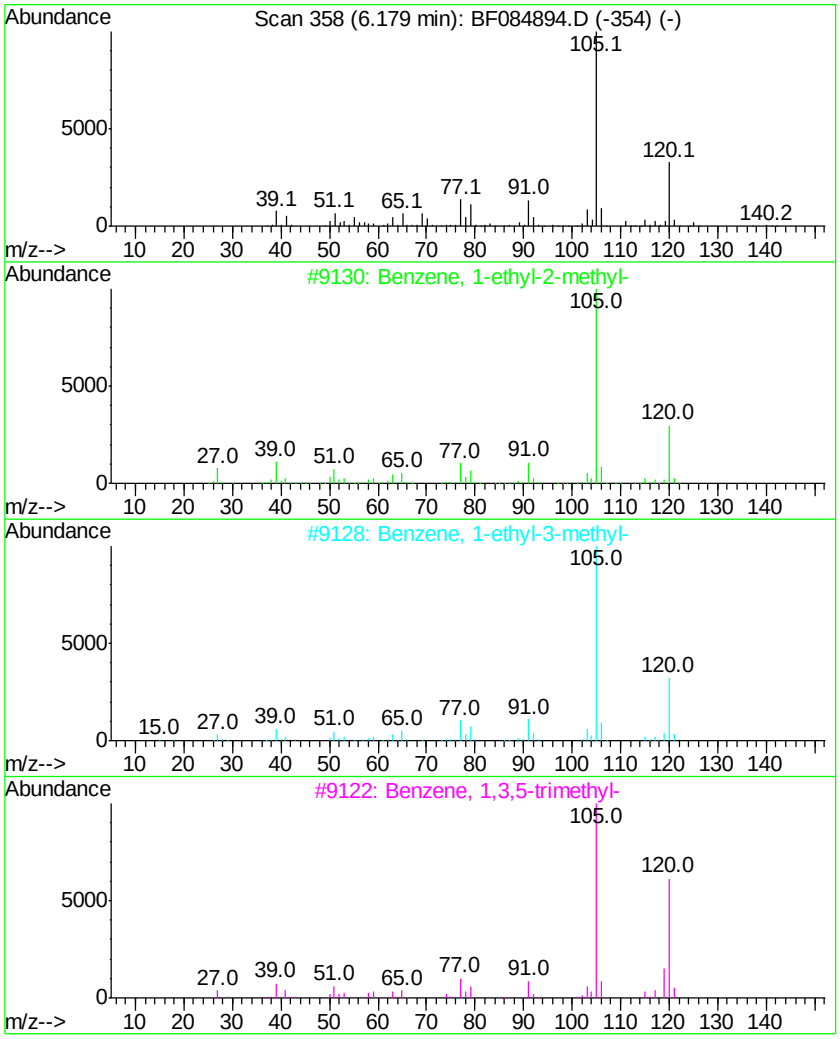
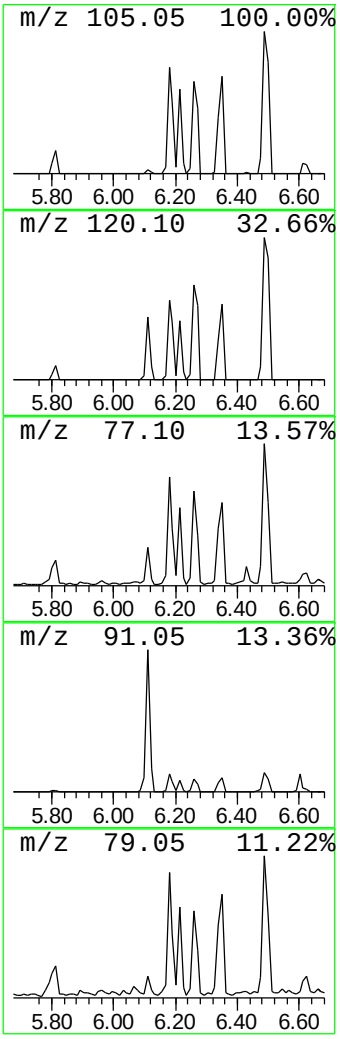
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	118.18 ng	7693860	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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ALS Vial : 39 Sample Multiplier: 1

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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

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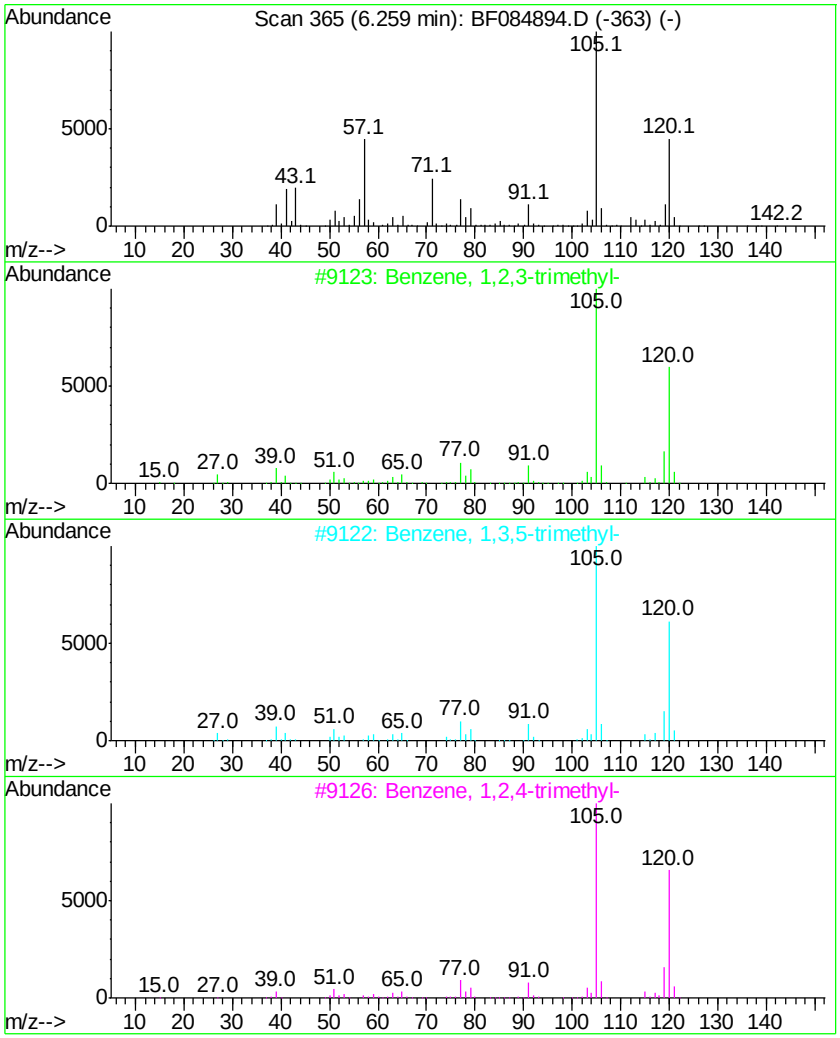
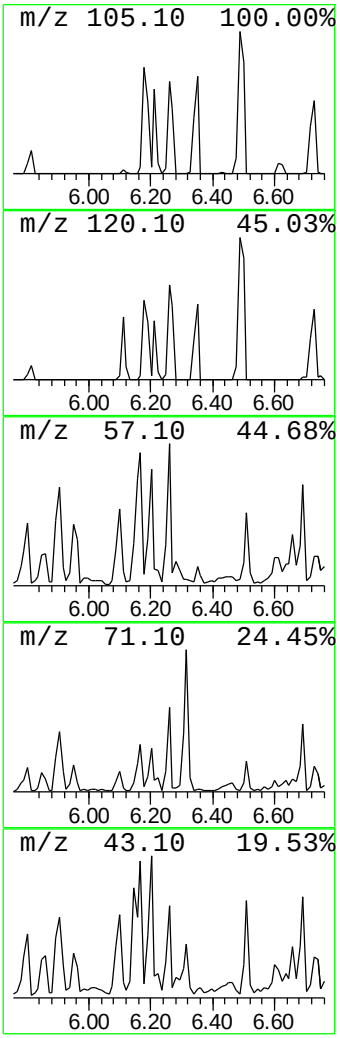
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	78.71 ng	5124470	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	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76





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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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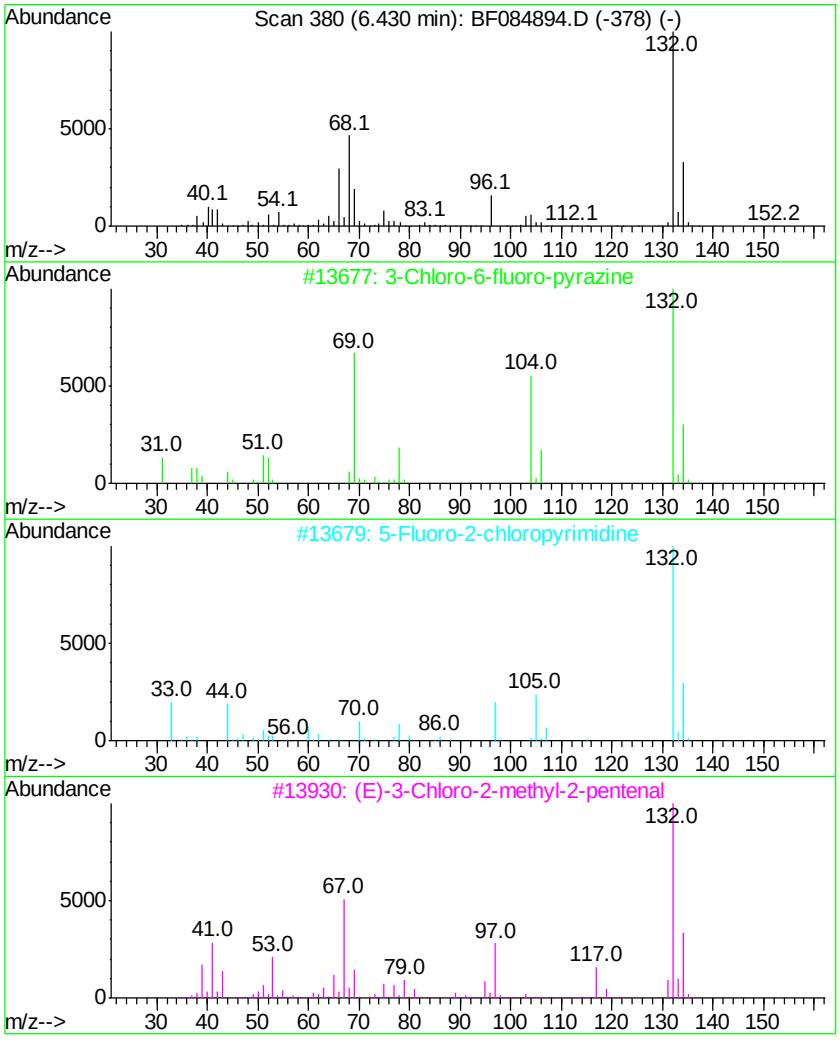
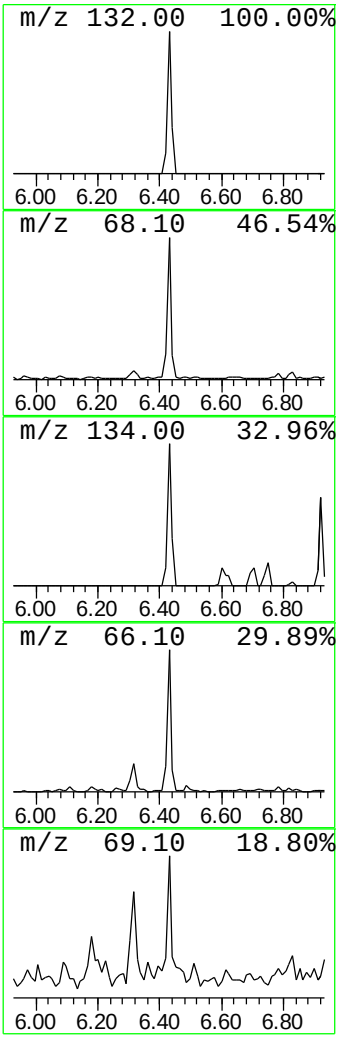
Peak Number 14 unknown6.43 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	51.72 ng	3367300	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	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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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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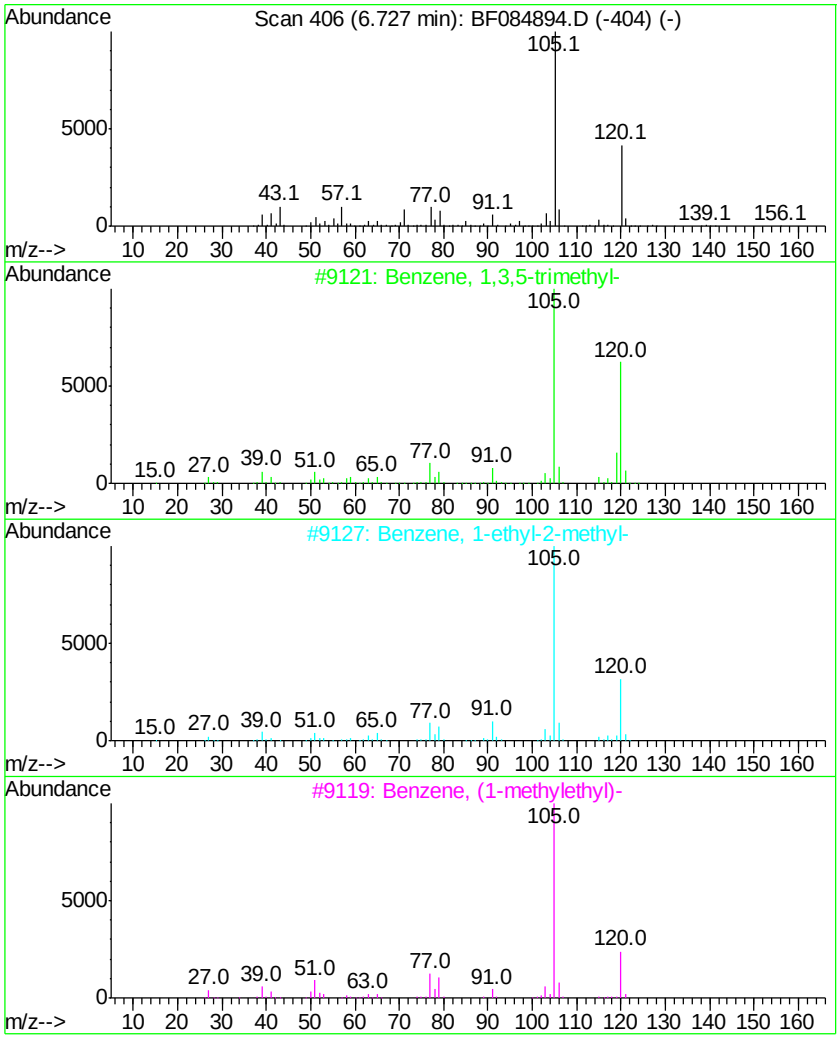
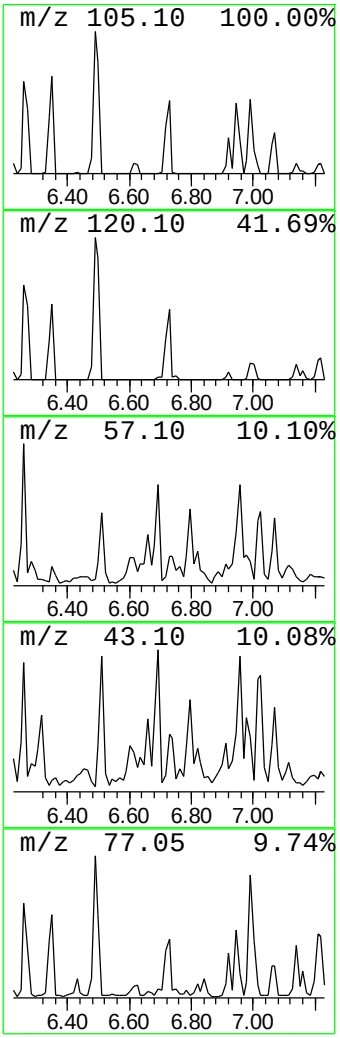
Peak Number 16 Benzene, 1,3,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	39.70 ng	2584360	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	83
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	80
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76





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Misc :
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Instrument : BNA_F
ClientSampleId : S4-B004(30-32)

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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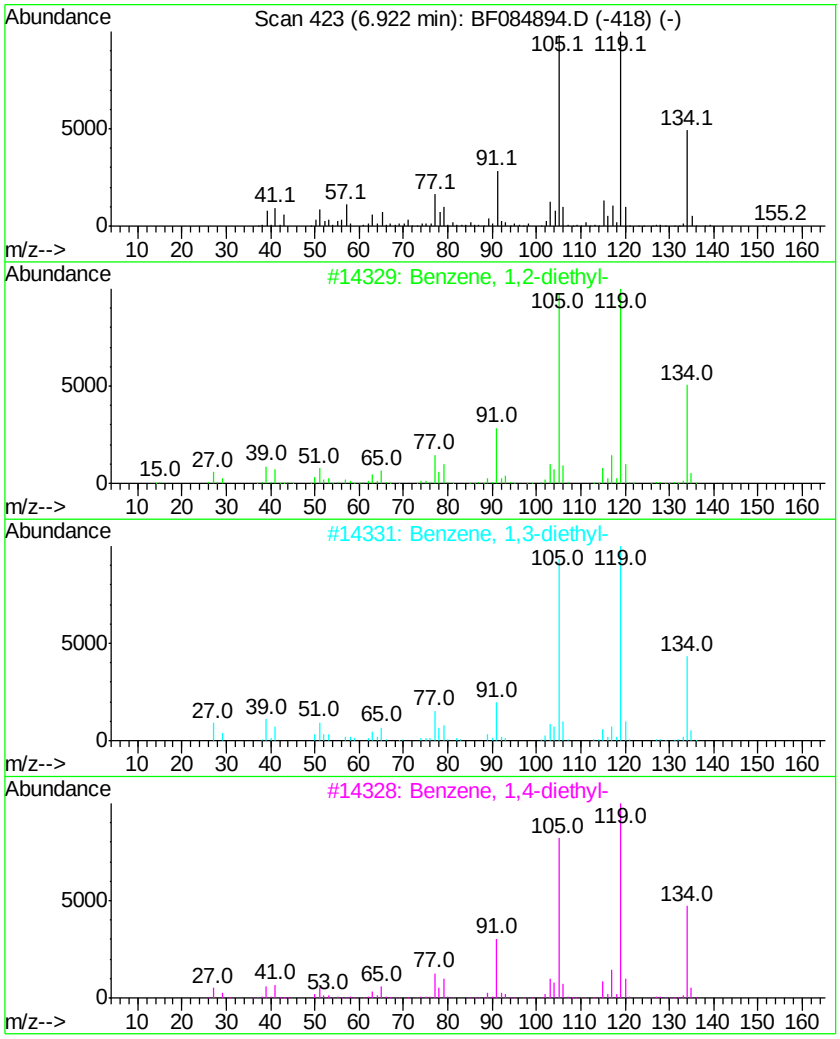
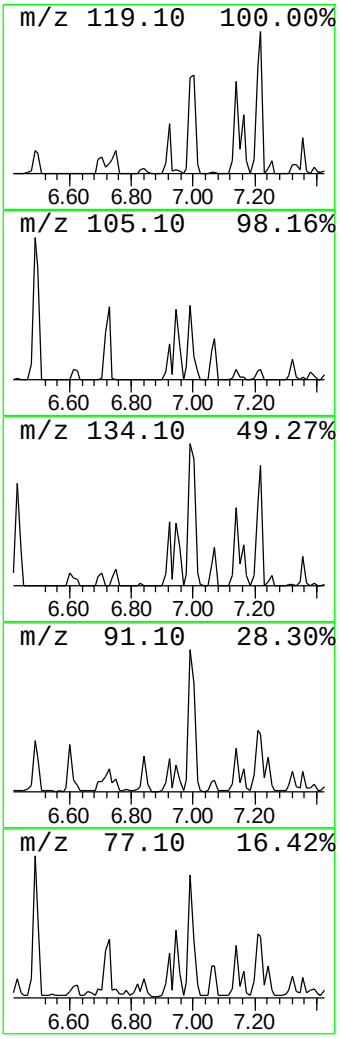
Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	40.74 ng	2652380	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	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





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

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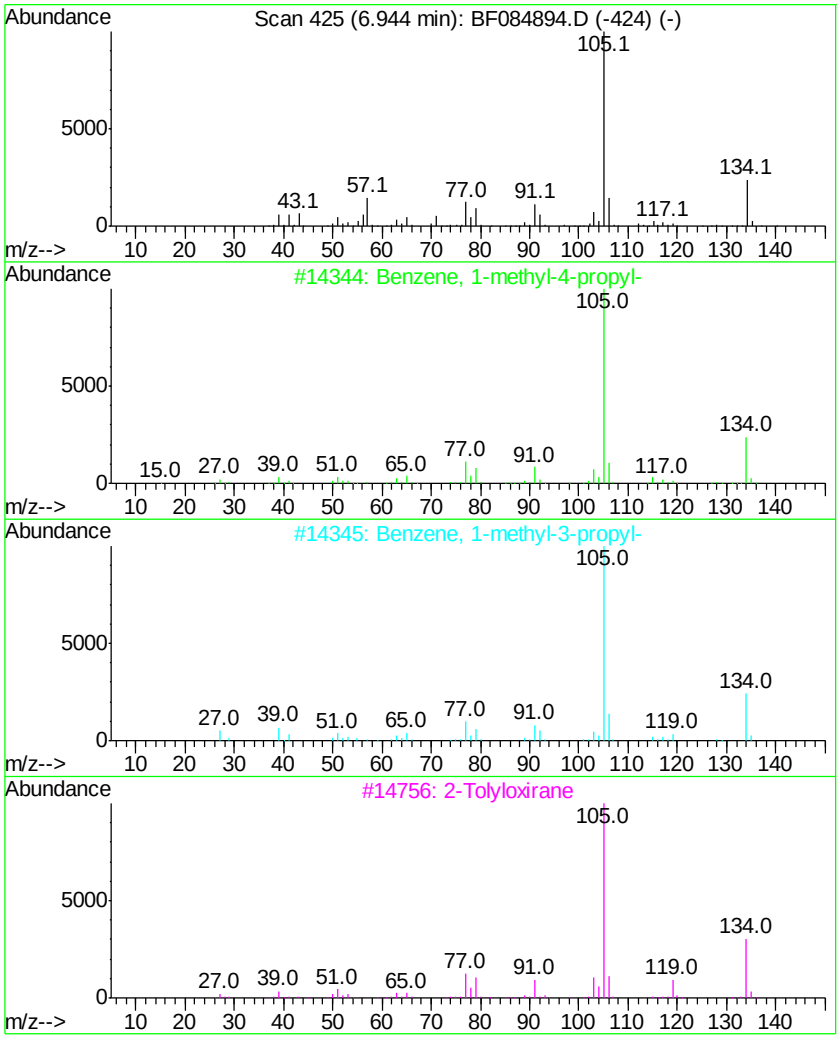
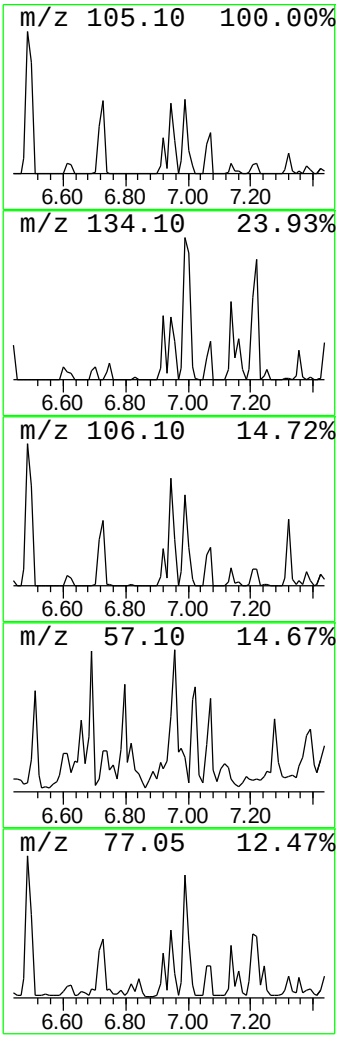
Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	40.78 ng	2654680	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
3	2-Tolyloxirane	134	C9H10O	002783-26-8	87
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76





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TIC Integration Parameters: LSCINT.P

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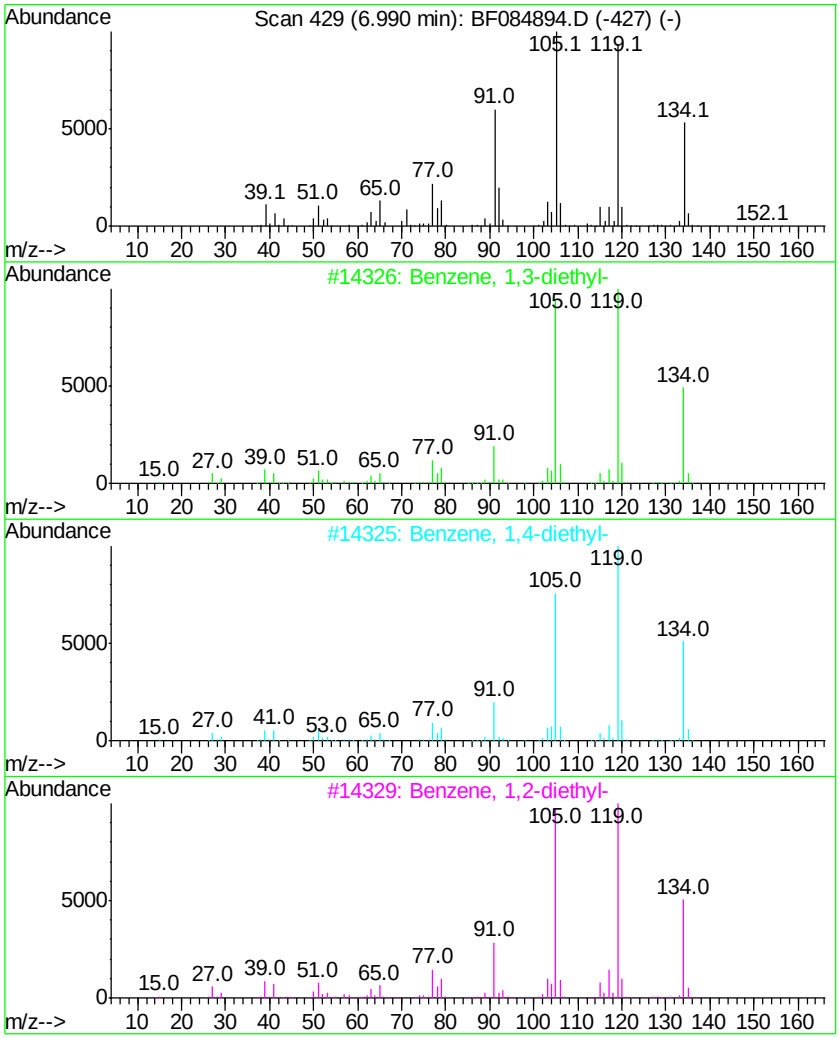
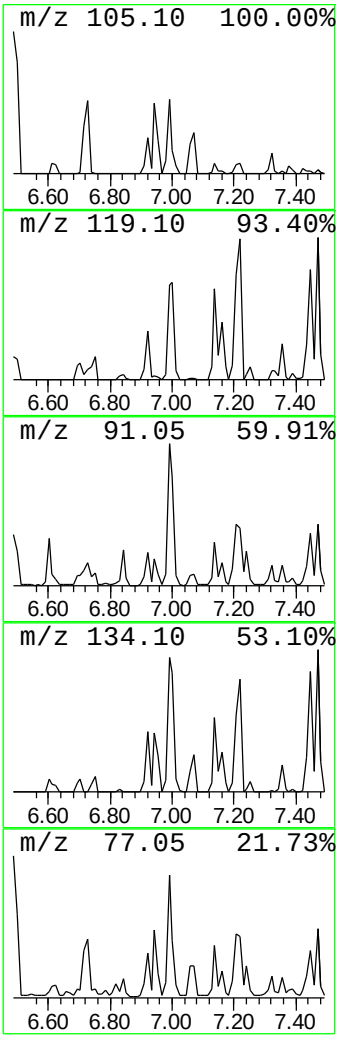
Peak Number 19 Benzene, 1,3-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	105.02 ng	6837490	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	89
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76





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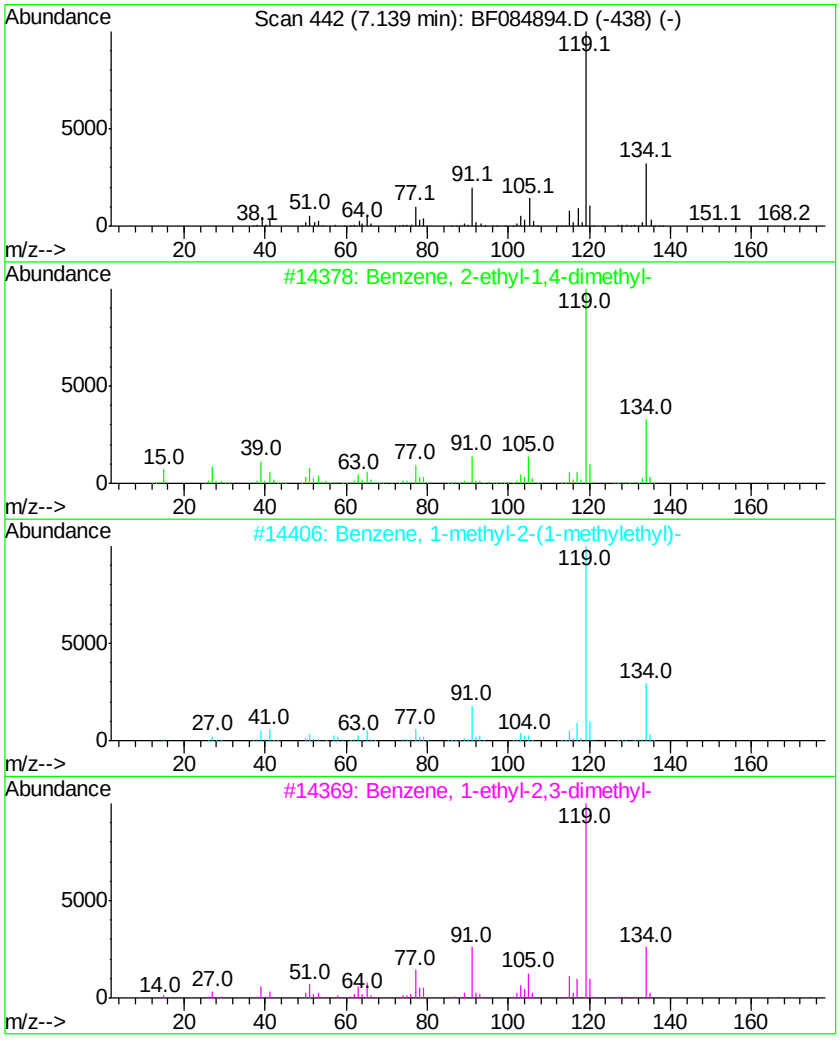
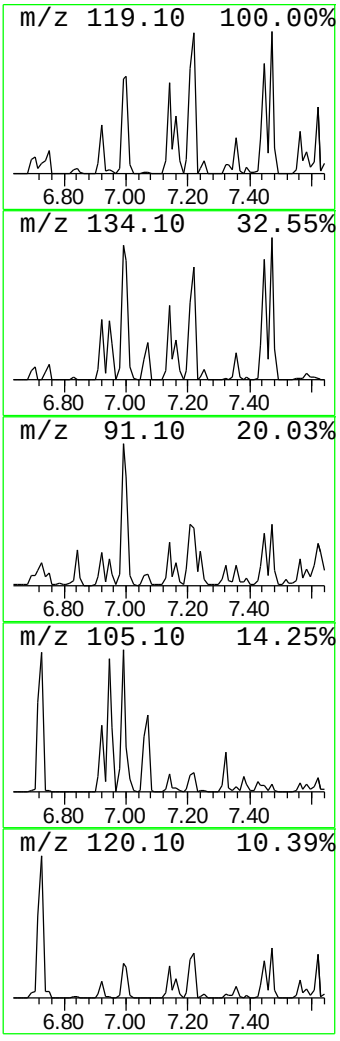
Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	41.39 ng	2694800	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-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084894.D
Acq On : 6 Feb 2016 7:09
Operator : SJ/IZ
Sample : H1329-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B004(30-32)

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
Cyclohexane, methyl-	2.48	38.2	ng	2485370	1	6.66	1302090	20.0
Heptane, 2-methyl-	3.37	53.9	ng	3508470	1	6.66	1302090	20.0
Heptane, 3-methyl-	3.56	41.9	ng	2725150	1	6.66	1302090	20.0
Octane	4.14	60.8	ng	3959170	1	6.66	1302090	20.0
unknown4.72	4.72	41.3	ng	2690310	1	6.66	1302090	20.0
Nonane	5.55	35.1	ng	2283200	1	6.66	1302090	20.0
Octane, 2,5-dimet...	5.80	35.1	ng	2283670	1	6.66	1302090	20.0
unknown5.89	5.89	38.0	ng	2473730	1	6.66	1302090	20.0
Benzene, propyl-	6.11	56.7	ng	3690100	1	6.66	1302090	20.0
Benzene, 1-ethyl-...	6.18	118.2	ng	7693860	1	6.66	1302090	20.0
Benzene, 1,2,3-tr...	6.26	78.7	ng	5124470	1	6.66	1302090	20.0
unknown6.43	6.43	51.7	ng	3367300	1	6.66	1302090	20.0
Benzene, 1,3,5-tr...	6.73	39.7	ng	2584360	1	6.66	1302090	20.0
Benzene, 1,2-diet...	6.92	40.7	ng	2652380	1	6.66	1302090	20.0
Benzene, 1-methyl...	6.94	40.8	ng	2654680	1	6.66	1302090	20.0
Benzene, 1,3-diet...	6.99	105.0	ng	6837490	1	6.66	1302090	20.0
Benzene, 2-ethyl-...	7.14	41.4	ng	2694800	1	6.66	1302090	20.0