LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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	1.390	42	44	47	rBV	3165147	4007540	13.86%	0.684%
2	3.447	220	224	226	rBV	833241	2003702	6.93%	0.342%
3	3.653	237	242	246	rVB	1062065	2361062	8.17%	0.403%
4	3.847	253	259	262	rBV2	548127	1133527	3.92%	0.194%
5	4.281	293	297	301	rVB2	1837997	3521852	12.18%	0.601%
6	4.418	304	309	314	rBV2	707645	1615624	5.59%	0.276%
7	4.921	351	353	358	rVV2	1841009	3064505	10.60%	0.523%
8	5.093	363	368	371	rVV4	386433	1367858	4.73%	0.234%
9	5.173	371	375	378	rVV3	346515	1056241	3.65%	0.180%
10	5.264	380	383	385	rVV	1120546	1929214	6.67%	0.329%
11	5.356	385	391	392	rVV	3905877	6918876	23.93%	1.181%
12	5.390	392	394	395	rVV	1912134	3122816	10.80%	0.533%
13	5.424	395	397	400	rVV	1997394	4006306	13.86%	0.684%
14	5.516	400	405	409	rVV2	9865081	28911441	100.00%	4.936%
15	5.619	409	414	417	rVV2	809096	2235327	7.73%	0.382%
16	5.721	420	423	426	rVV2	1114144	2379412	8.23%	0.406%
17	5.824	429	432	437	rVV	8254914	13922797	48.16%	2.377%
18	5.904	437	439	442	rVV	3946183	5340604	18.47%	0.912%
19	6.030	447	450	452	rVV2	1095652	1975152	6.83%	0.337%
20	6.099	452	456	461	rVV5	829782	3193957	11.05%	0.545%
21	6.202	461	465	468	rVV3	2188590	4771429	16.50%	0.815%
22	6.270	468	471	473	rVV2	1147538	2400667	8.30%	0.410%
23	6.327	473	476	479	rVV2	2550141	4786028	16.55%	0.817%
24	6.384	479	481	485	rVV	1245280	2879601	9.96%	0.492%
25	6.487	488	490	493	rVV3	596969	1488816	5.15%	0.254%
26	6.579	493	498	501	rVV2	4141318	8330243	28.81%	1.422%
27	6.682	501	507	509	rVV3	9537621	28408829	98.26%	4.850%
28	6.716	509	510	512	rVV	8183452	7870513	27.22%	1.344%
29	6.773	512	515	517	rVV2	8358876	15386370	53.22%	2.627%
30	6.876	520	524	526	rVV	6993506	11097439	38.38%	1.895%
31	6.956	526	531	533	rVV2	1747842	3935415	13.61%	0.672%
32	6.990	533	534	535	rVV	850210	1098061	3.80%	0.187%
33	7.070	535	541	543	rVV2	10127680	28811880	99.66%	4.919%
34	7.116	543	545	548	rVV4	733565	1706829	5.90%	0.291%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.196	548	552	555	rVV2	1921484	5127164	17.73%	0.875%
36	7.242	555	556	558	rVV	1673134	2389930	8.27%	0.408%
37	7.299	558	561	562	rVV2	2885274	6182982	21.39%	1.056%
38	7.322	562	563	566	rVV	6966866	10870711	37.60%	1.856%
39	7.413	569	571	572	rVV	1583857	2957043	10.23%	0.505%
40	7.470	572	576	578	rVV	6277192	9808703	33.93%	1.675%
41	7.562	581	584	586	rVV	5387298	8089316	27.98%	1.381%
42	7.607	586	588	590	rVV2	7737916	11815657	40.87%	2.017%
43	7.665	590	593	594	rVV2	9579674	16111335	55.73%	2.751%
44	7.687	594	595	597	rVV	3420450	3749487	12.97%	0.640%
45	7.745	597	600	604	rVV2	5444796	8396064	29.04%	1.433%
46	7.836	606	608	609	rVV	6504710	8354083	28.90%	1.426%
47	7.870	609	611	612	rVV	5881629	7633346	26.40%	1.303%
48	7.927	612	616	617	rVV2	8801944	13920058	48.15%	2.376%
49	7.950	617	618	621	rVV2	4773814	7208406	24.93%	1.231%
50	8.007	621	623	625	rVV	4547163	6013914	20.80%	1.027%
51	8.053	625	627	629	rVV3	2878267	4819242	16.67%	0.823%
52	8.099	629	631	632	rVV	3840862	4785281	16.55%	0.817%
53	8.145	632	635	637	rVV2	1793810	4051518	14.01%	0.692%
54	8.213	637	641	642	rVV	6060742	10181903	35.22%	1.738%
55	8.247	642	644	646	rVV	8231625	10393068	35.95%	1.774%
56	8.305	646	649	652	rVV3	1160152	3048137	10.54%	0.520%
57	8.362	652	654	655	rVV	3003477	4899681	16.95%	0.836%
58	8.385	655	656	658	rVV	3949324	5113531	17.69%	0.873%
59	8.430	658	660	661	rVV	7564605	9709315	33.58%	1.658%
60	8.465	661	663	665	rVV2	2698647	4761404	16.47%	0.813%
61	8.510	665	667	669	rVV3	8638675	15315578	52.97%	2.615%
62	8.556	669	671	674	rVV2	5918997	8818594	30.50%	1.506%
63	8.602	674	675	679	rVV3	4064268	8818060	30.50%	1.505%
64	8.682	679	682	685	rVV	3780567	5480052	18.95%	0.936%
65	8.796	687	692	693	rVV2	2947710	7226991	25.00%	1.234%
66	8.830	693	695	696	rVV	7234792	11924576	41.25%	2.036%
67	8.865	696	698	703	rVV3	7694721	18182491	62.89%	3.104%
68	8.933	703	704	708	rVV2	2272466	5541418	19.17%	0.946%
69	8.990	708	709	711	rVV2	1053511	1770826	6.13%	0.302%
70	9.025	711	712	713	rVV	1225790	1308388	4.53%	0.223%
71	9.059	713	715	717	rVV2	2700046	4188689	14.49%	0.715%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.173	720	725	727	rVV2	3055344	7800292	26.98%	1.332%
73	9.208	727	728	730	rVV2	1925522	3209848	11.10%	0.548%
74	9.242	730	731	733	rVV	1981186	2318143	8.02%	0.396%
75	9.288	733	735	736	rVV	1885899	3436718	11.89%	0.587%
76	9.310	736	737	742	rVV4	4456716	6980791	24.15%	1.192%
77	9.379	742	743	744	rVV	2350093	2772247	9.59%	0.473%
78	9.413	744	746	747	rVV	2379367	3583044	12.39%	0.612%
79	9.448	747	749	752	rVV2	1545480	4406220	15.24%	0.752%
80	9.528	755	756	757	rVV	1456507	1363332	4.72%	0.233%
81	9.562	757	759	760	rVV	1340211	2369867	8.20%	0.405%
82	9.596	760	762	764	rVV	4413509	5861518	20.27%	1.001%
83	9.642	764	766	769	rVV3	1417801	2952119	10.21%	0.504%
84	9.722	769	773	774	rVV	6505735	11046436	38.21%	1.886%
85	9.768	774	777	778	rVV2	719396	1351851	4.68%	0.231%
86	9.836	780	783	785	rVV	4728391	6939520	24.00%	1.185%
87	9.882	785	787	789	rVV2	763716	1221998	4.23%	0.209%
88	9.962	789	794	796	rVV5	780759	2349148	8.13%	0.401%
89	10.008	796	798	800	rVV3	578298	1240387	4.29%	0.212%
90	10.168	810	812	813	rVV	1478374	1829080	6.33%	0.312%
91	10.293	820	823	825	rVV2	2278285	2605546	9.01%	0.445%
92	10.396	830	832	837	rVV	877506	1467344	5.08%	0.251%
93	10.476	837	839	842	rVV	1350332	2268460	7.85%	0.387%
94	10.579	845	848	849	rVV	1482511	2098311	7.26%	0.358%
95	10.602	849	850	854	rVV	1003511	1430905	4.95%	0.244%
96	10.991	882	884	886	rVV2	1103232	1231354	4.26%	0.210%
97	11.962	966	969	973	rVV2	883064	1173840	4.06%	0.200%
98	14.831	1217	1220	1222	rBV	1544715	1881794	6.51%	0.321%
99	16.123	1330	1333	1341	rVV2	917807	1395841	4.83%	0.238%
100	17.883	1484	1487	1495	rVB	734616	1156292	4.00%	0.197%

Sum of corrected areas: 585749121

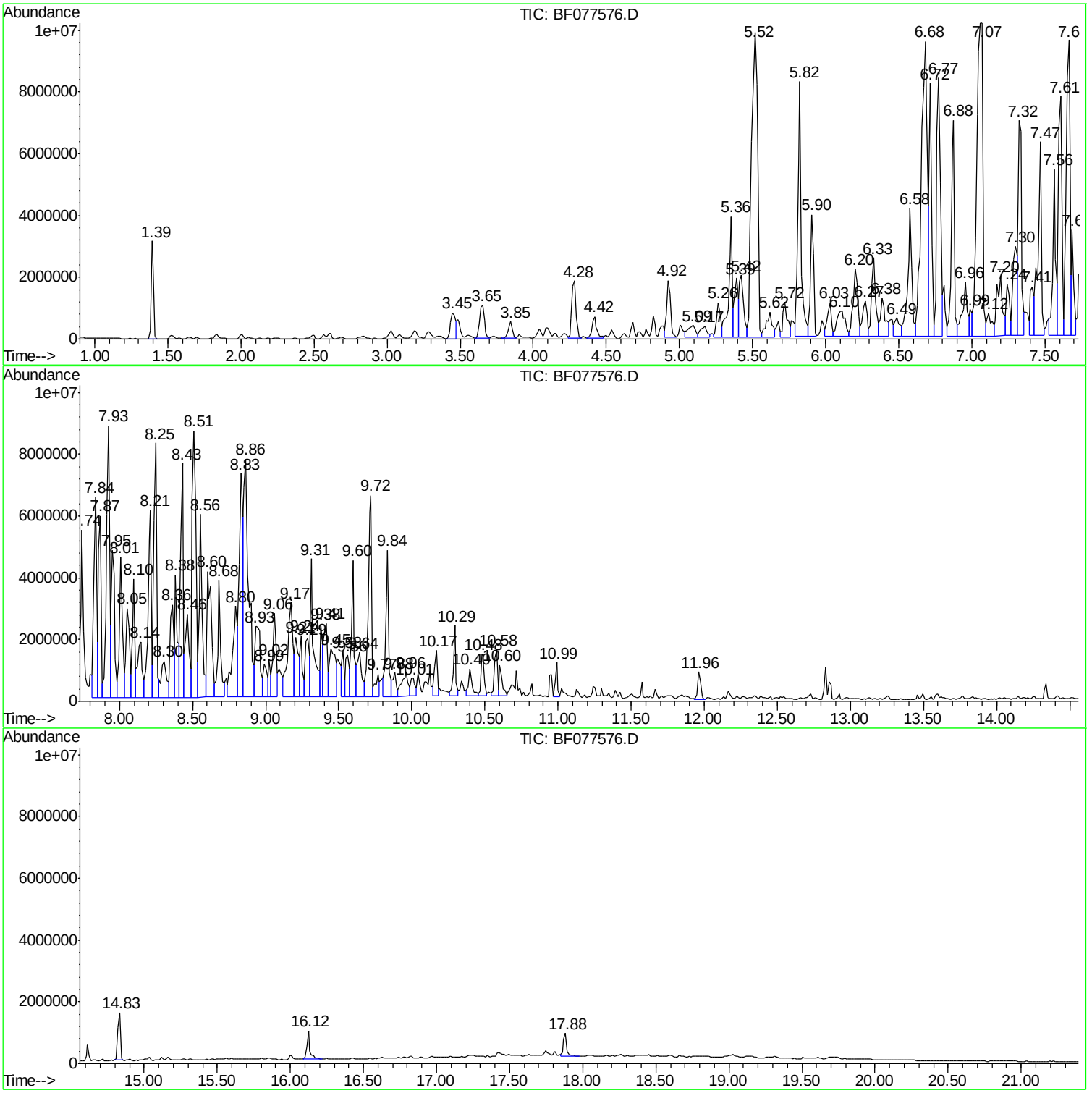
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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\BF030315\
Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

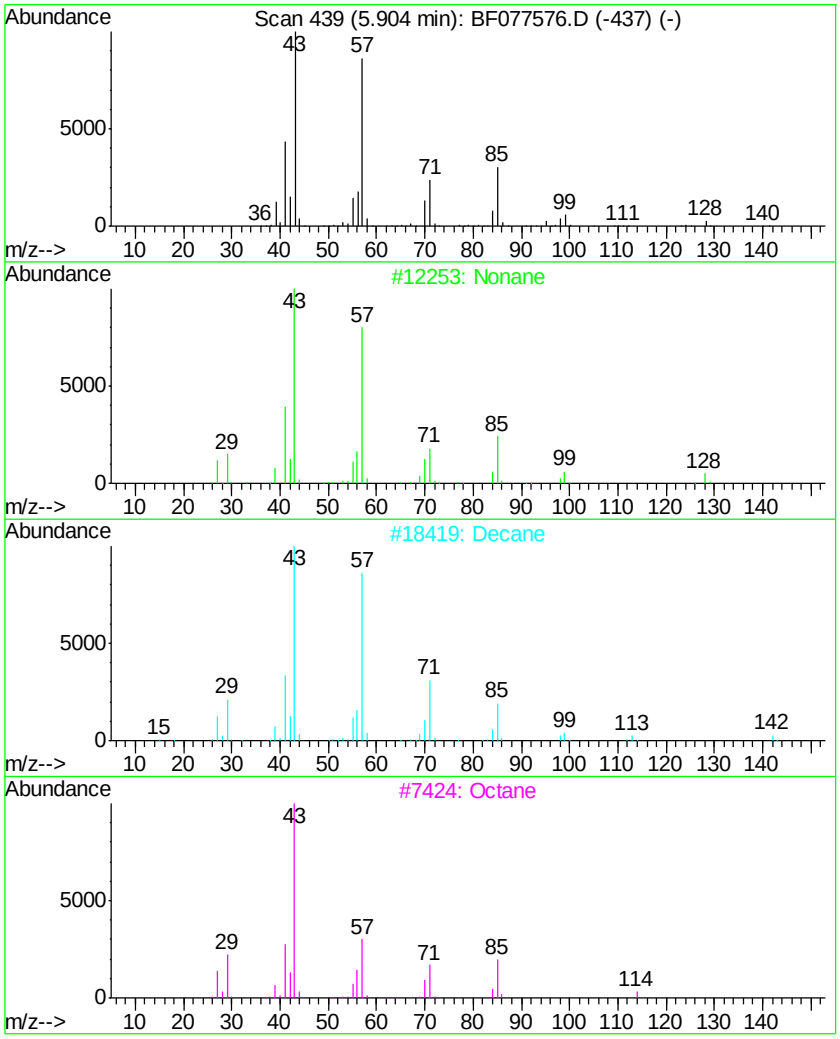
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

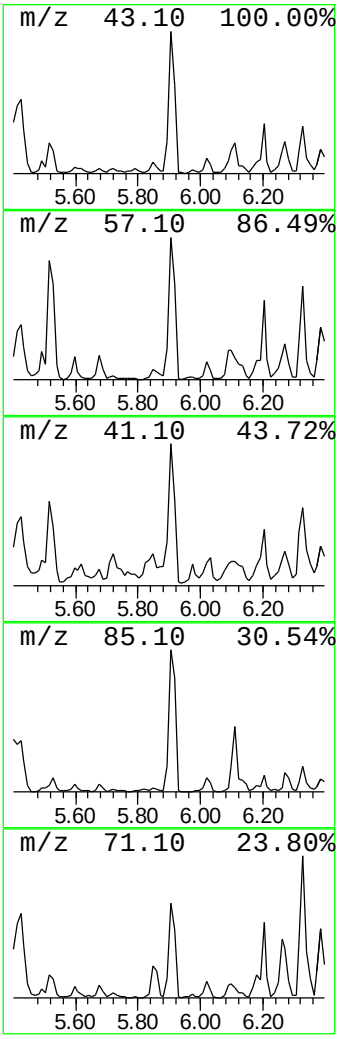
****

Peak Number 3 Nonane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	44.69 ng	5340600	1,4-Dichlorobenzene-d4	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Decane	142	C10H22	000124-18-5	78
3	Octane	114	C8H18	000111-65-9	64
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Octane, 4-methyl-	128	C9H20	002216-34-4	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

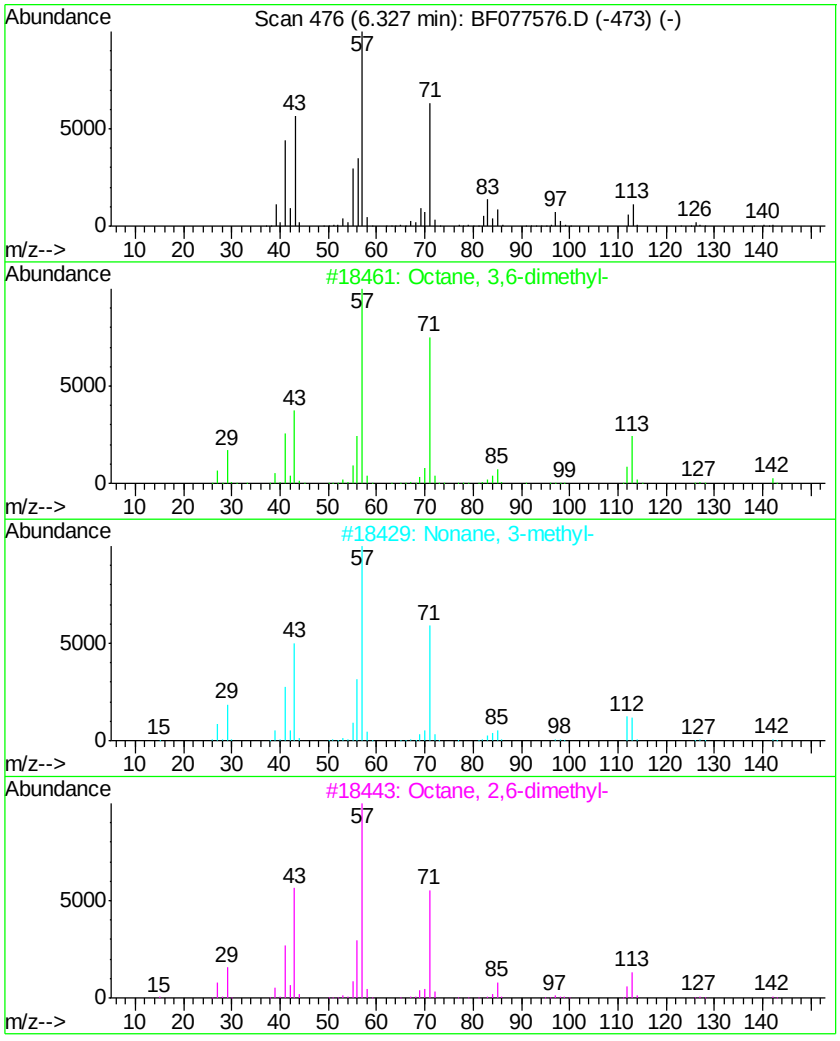
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

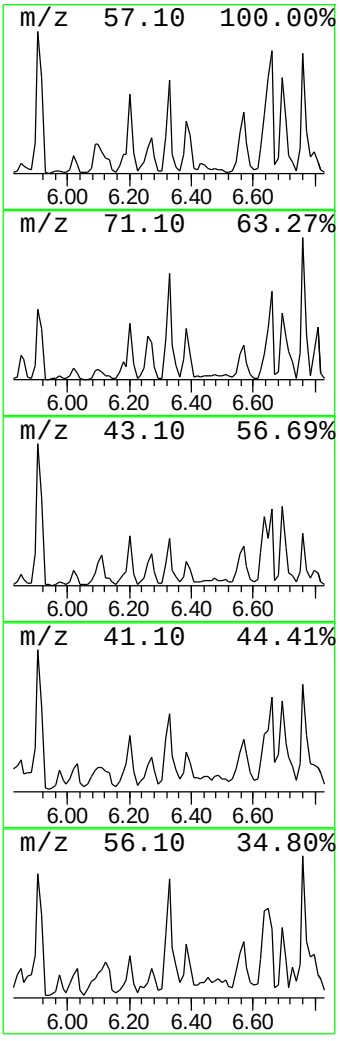
****

Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	40.05 ng	4786030	1,4-Dichlorobenzene-d4	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

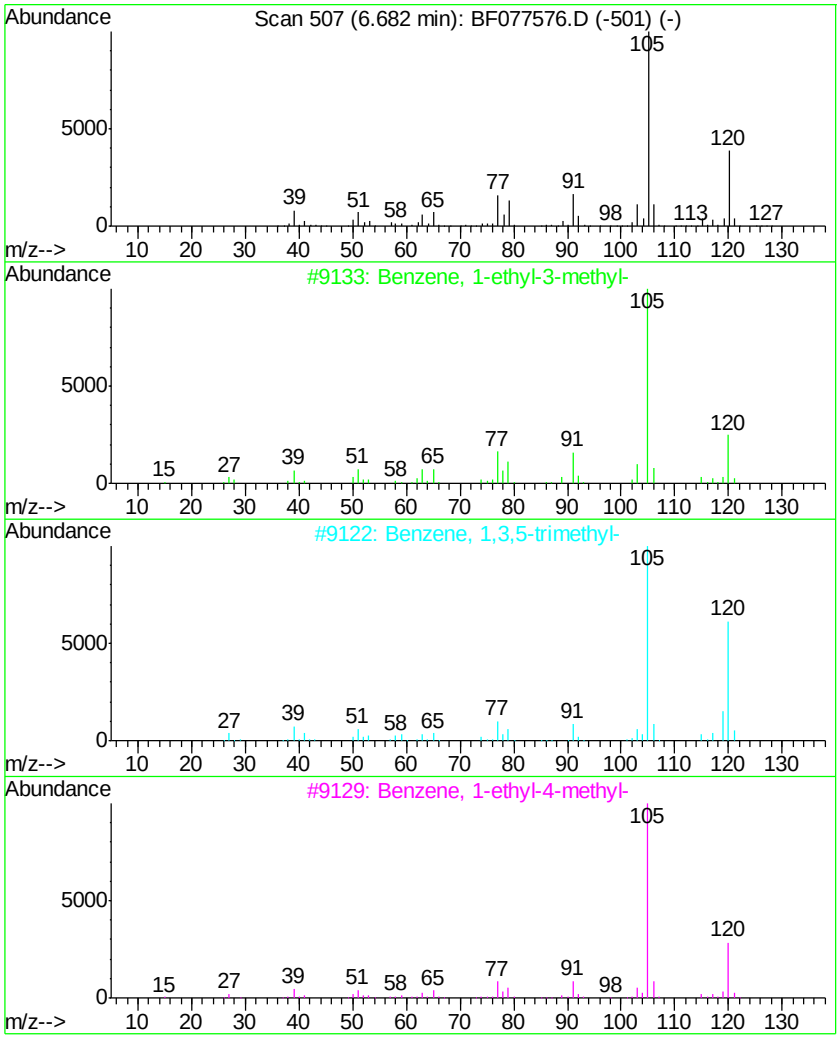
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

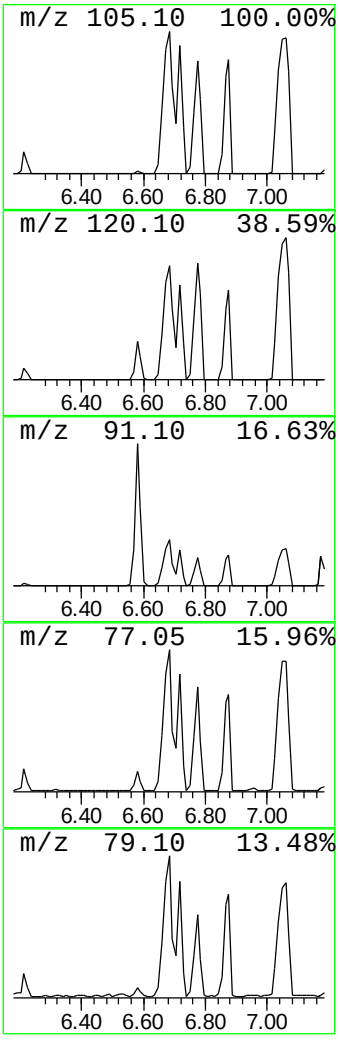
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	237.74 ng	28408800	1,4-Dichlorobenzene-d4	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

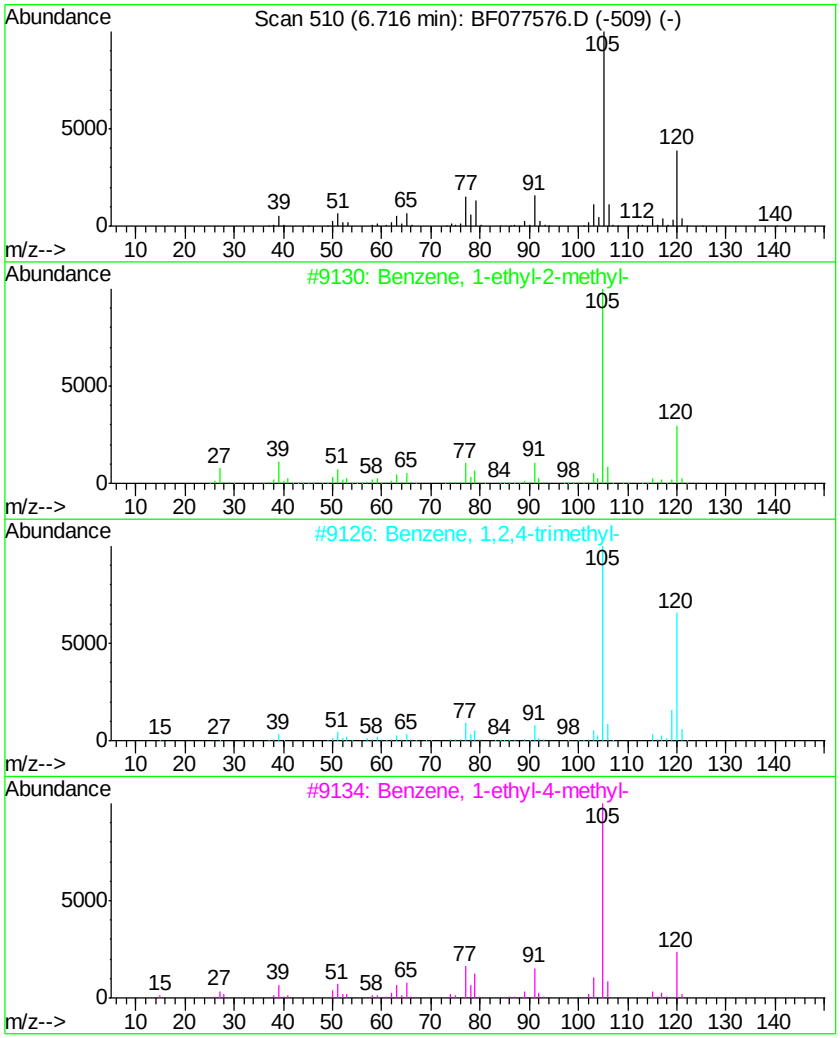
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

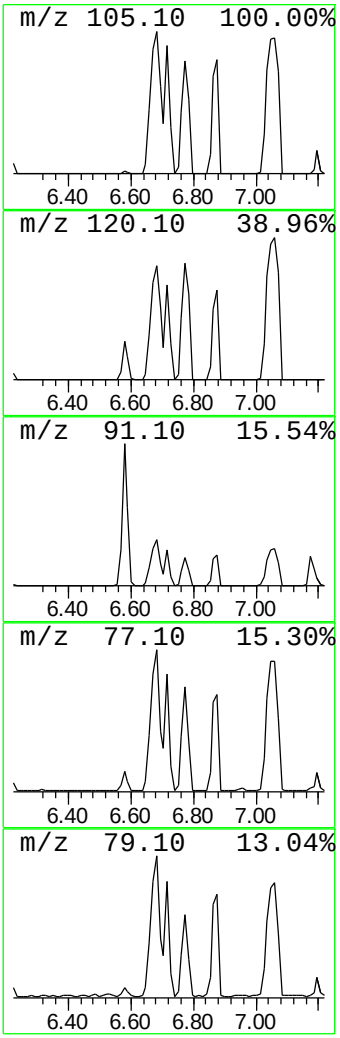
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	65.86 ng	7870510	1,4-Dichlorobenzene-d4	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

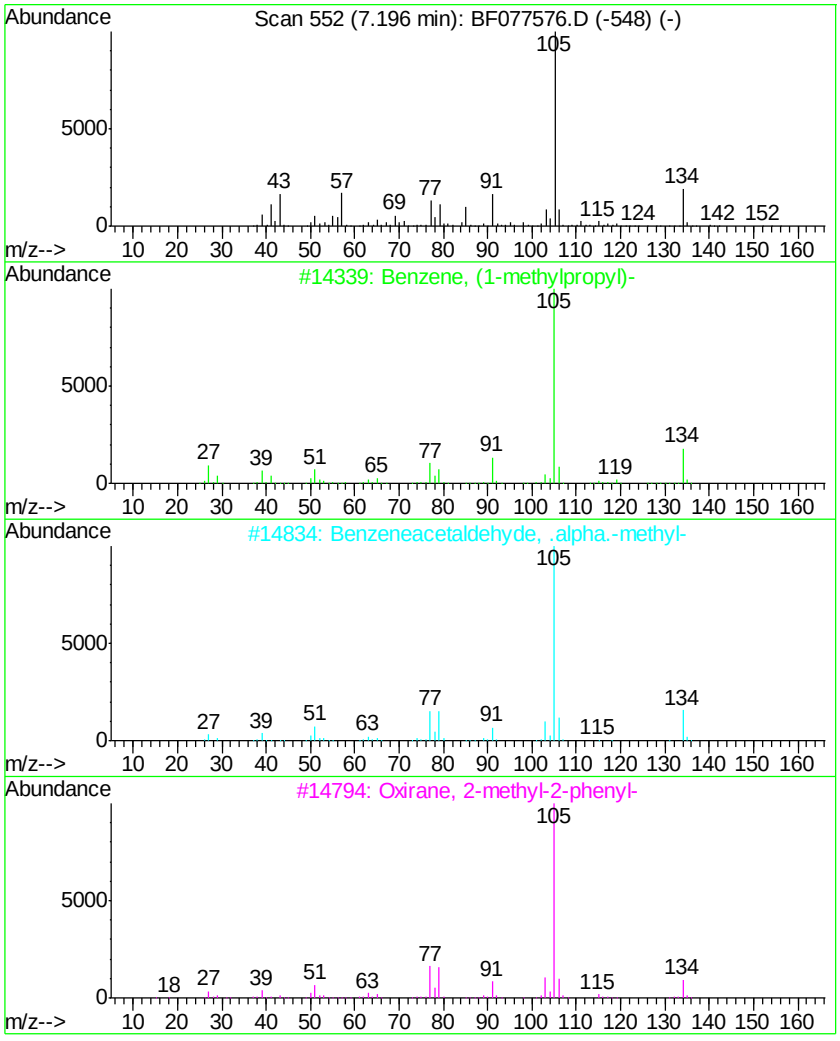
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

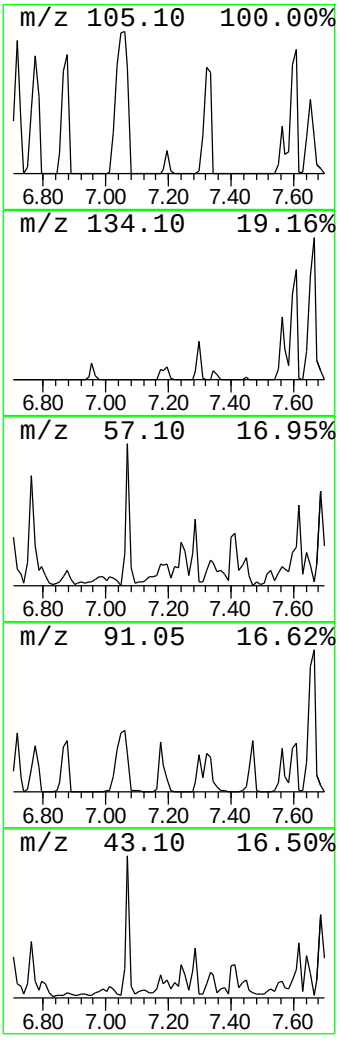
****

Peak Number 10 Benzene, (1-methylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	42.91 ng	5127160	1,4-Dichlorobenzene-d4	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	76
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	76
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	74
5	2-Tolyloxirane	134	C9H10O	002783-26-8	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030315\
Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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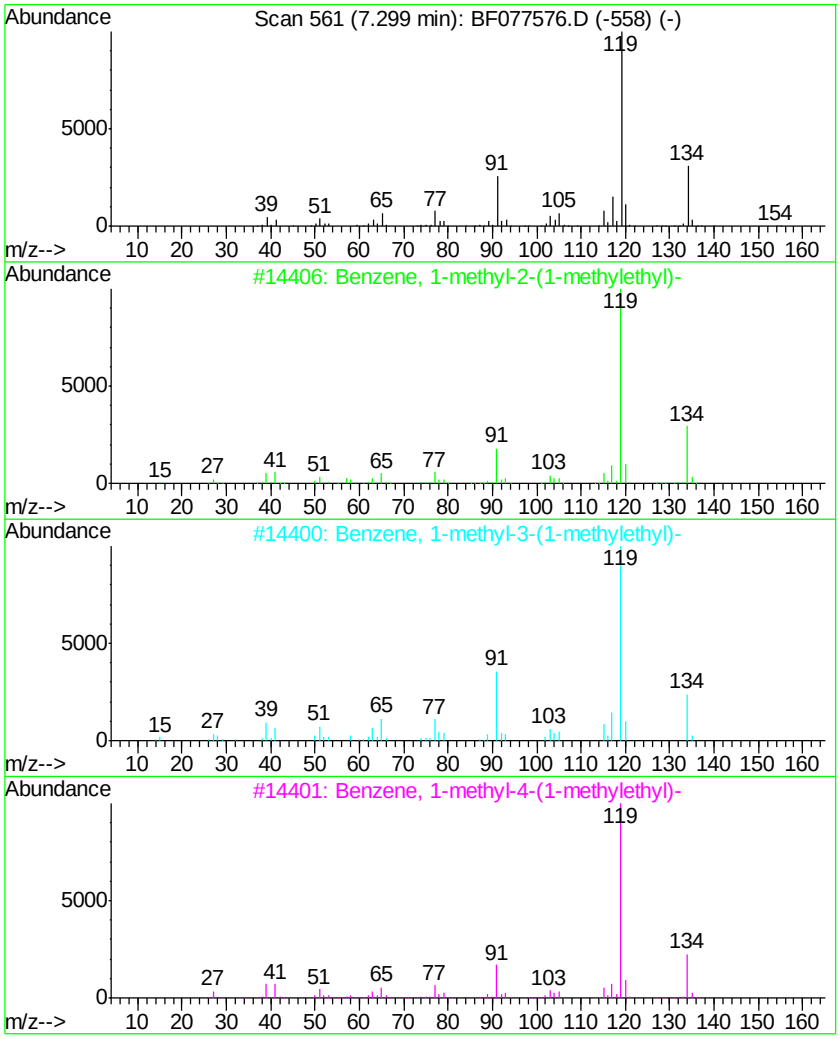
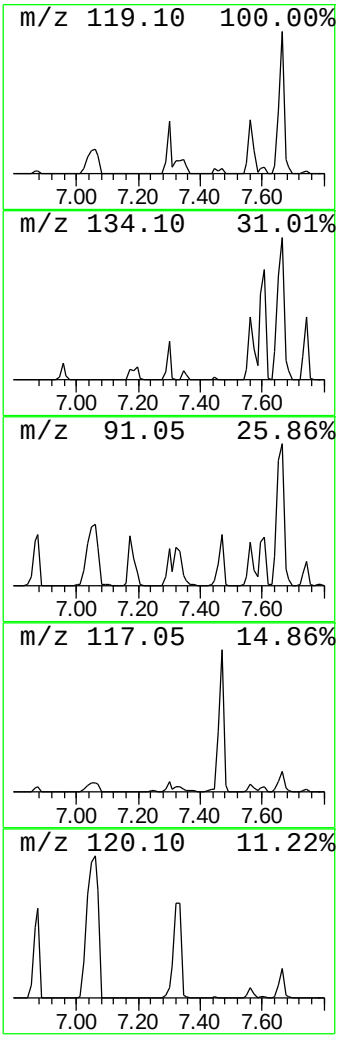
Peak Number 11 Benzene, 1-methyl-2-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	51.74 ng	6182980	1,4-Dichlorobenzene-d4	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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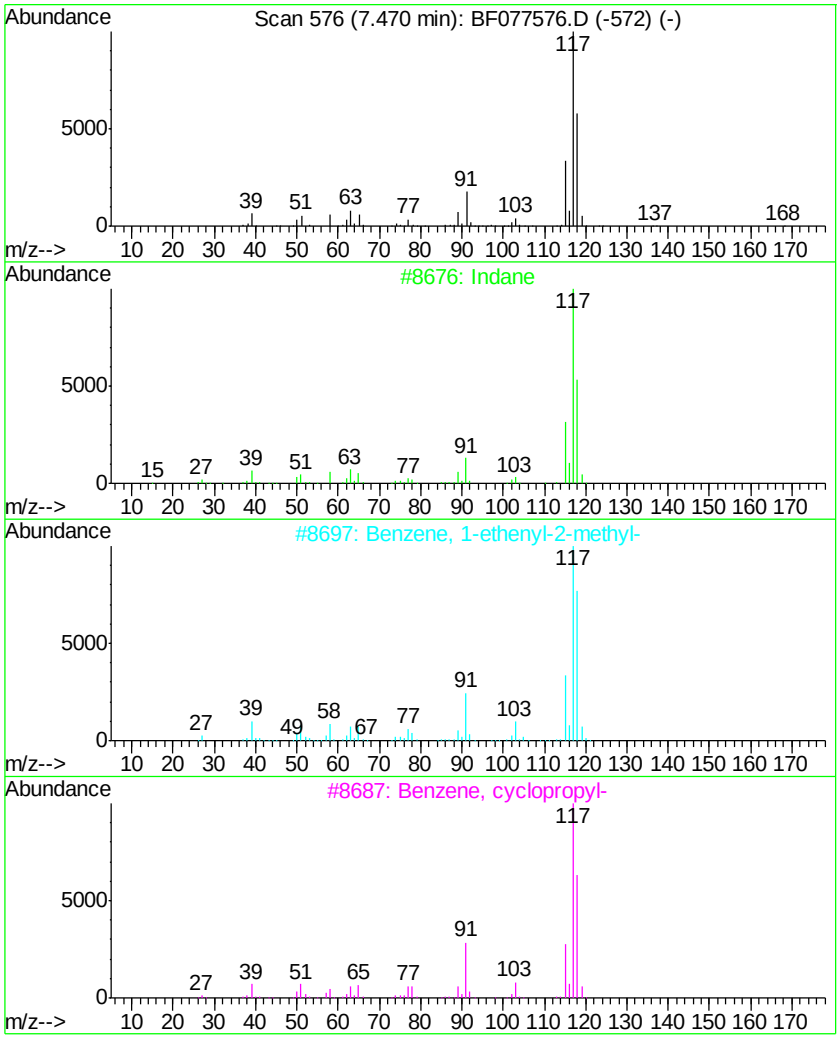
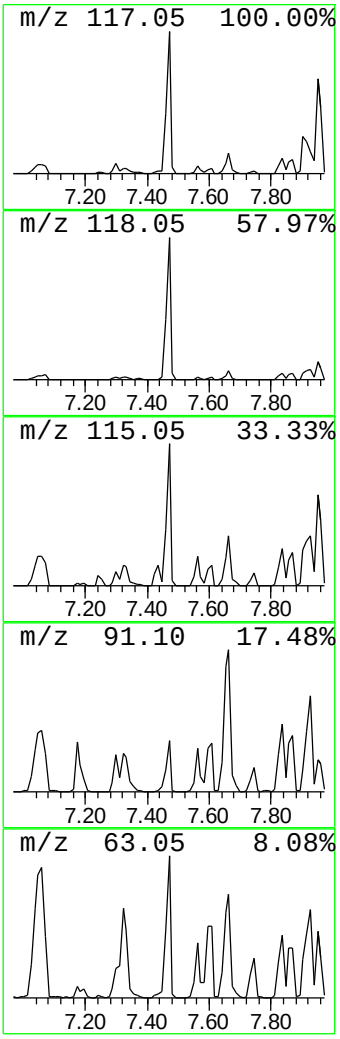
Peak Number 13 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	82.08 ng	9808700	1,4-Dichlorobenzene-d4	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72





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Acq On : 4 Mar 2015 6:42
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Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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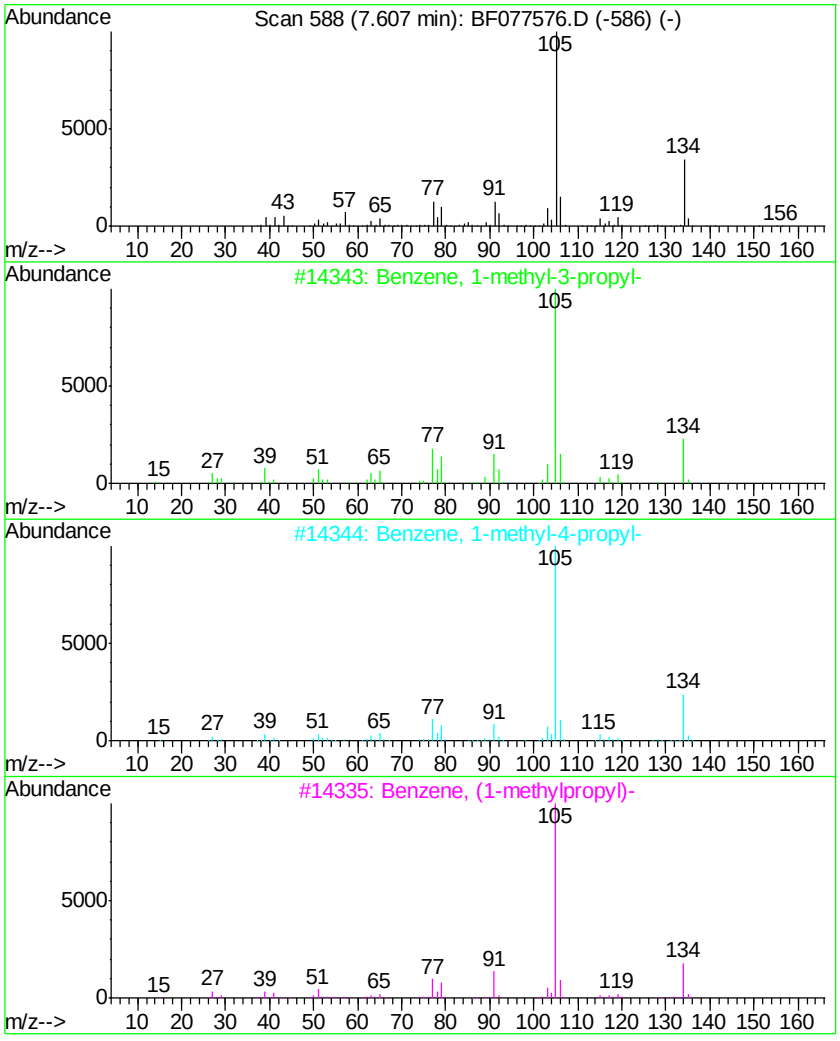
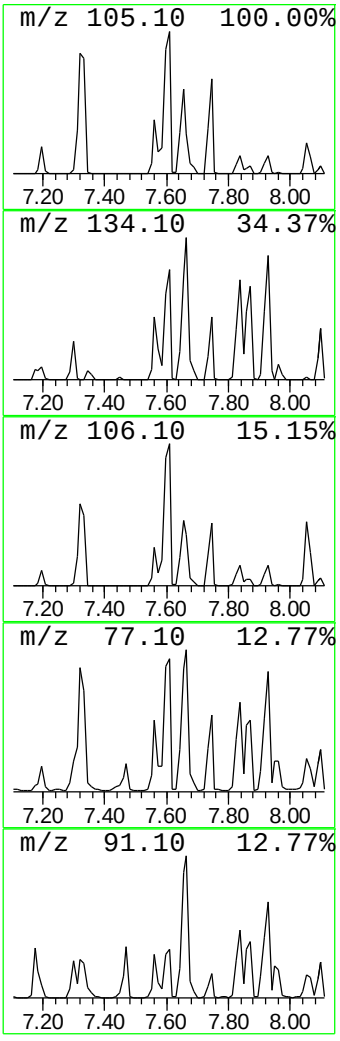
Peak Number 15 Benzene, 1-methyl-3-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	98.88 ng	11815700	1,4-Dichlorobenzene-d4	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	95
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
5	2-Tolyloxirane	134	C9H10O	002783-26-8	80





Library Search Compound Report

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Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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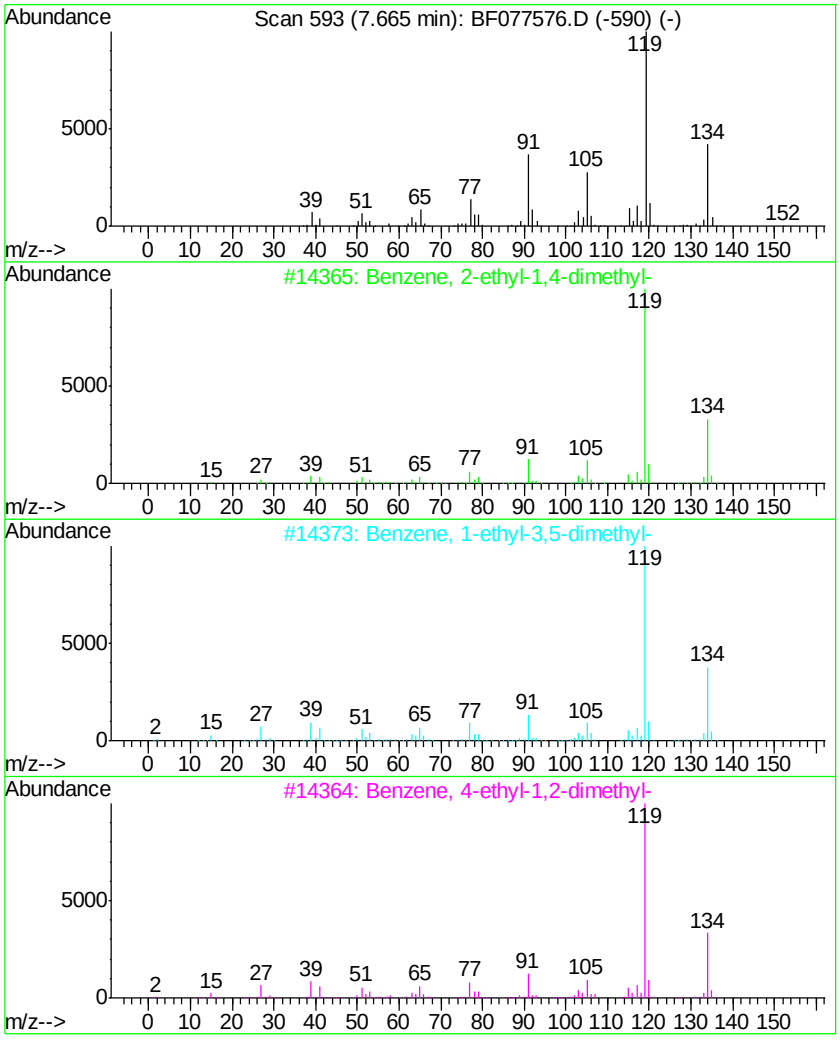
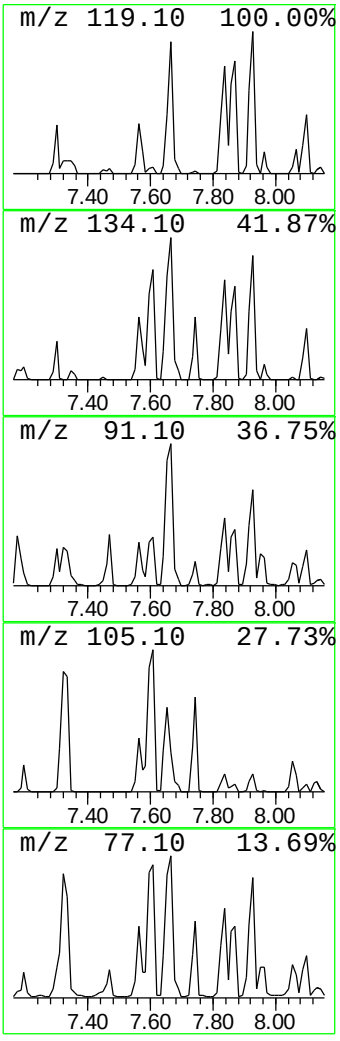
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	134.83 ng	16111300	1,4-Dichlorobenzene-d4	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93





Library Search Compound Report

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Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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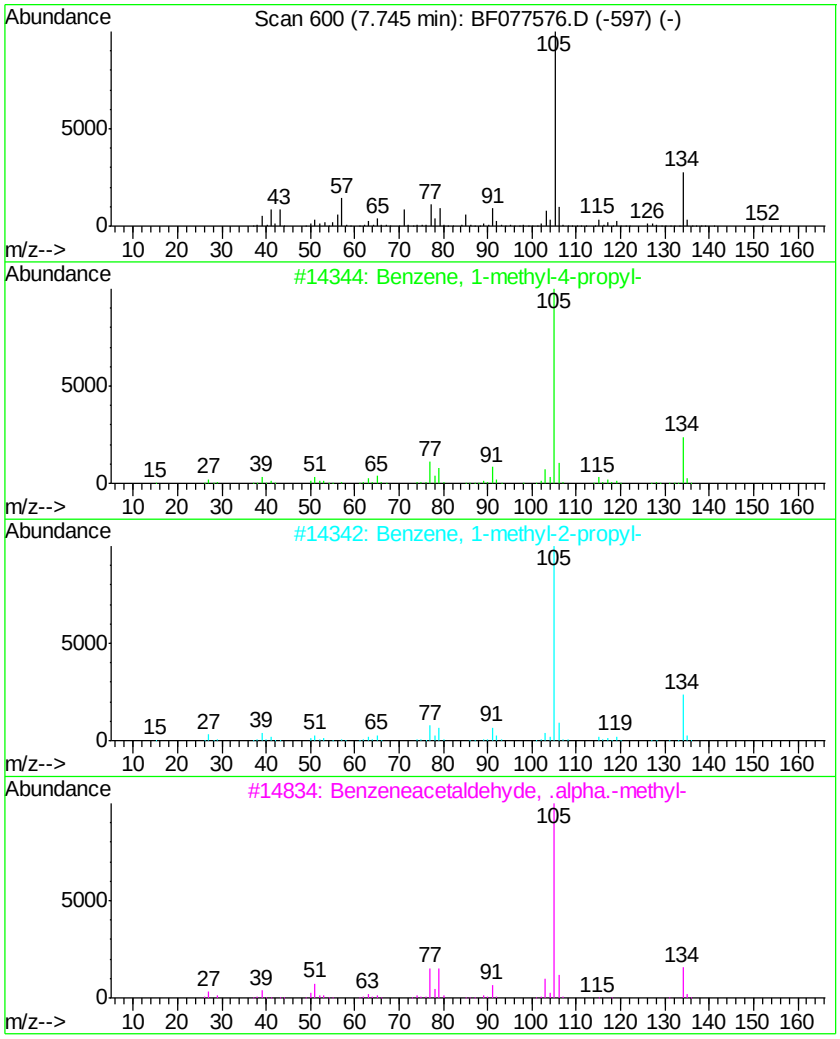
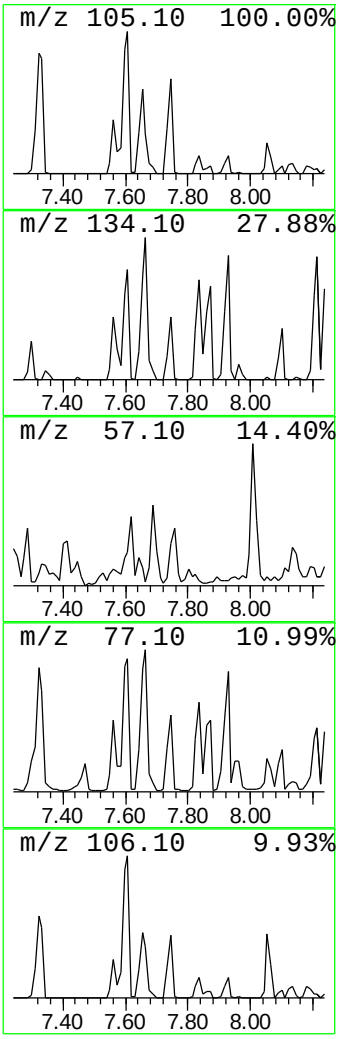
Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	70.26 ng	8396060	1,4-Dichlorobenzene-d4	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	74
4	2-Indanol	134	C9H10O	004254-29-9	68
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	68





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Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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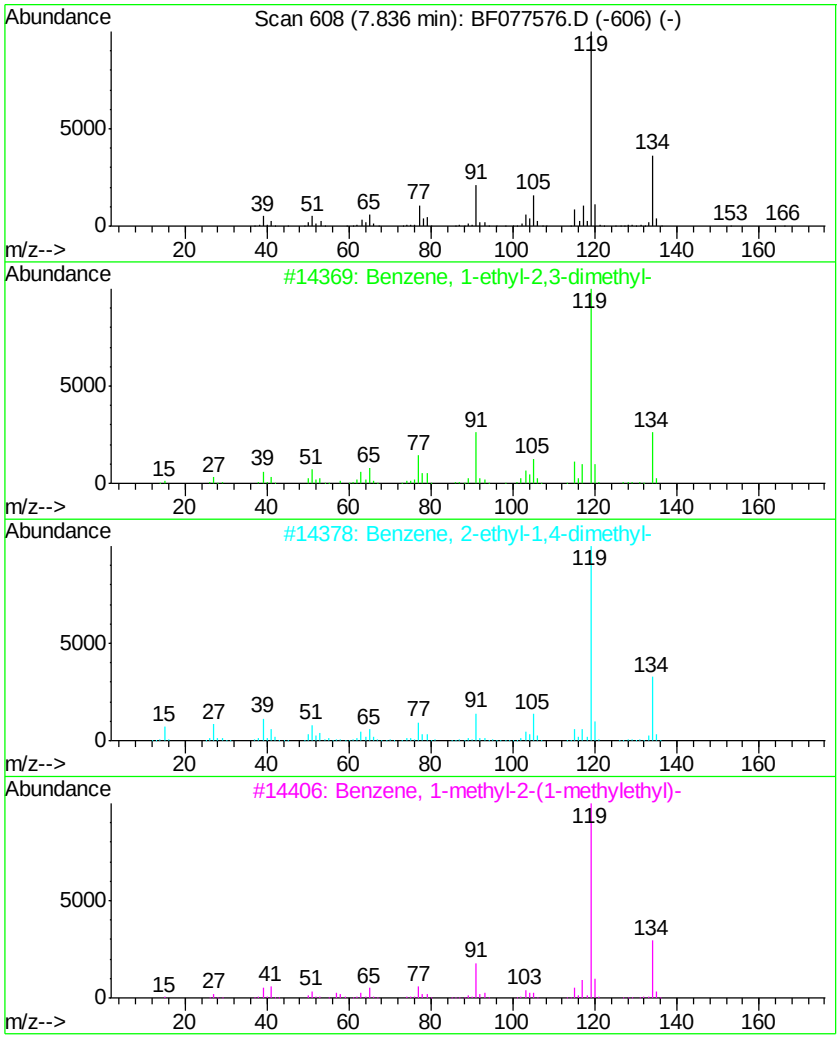
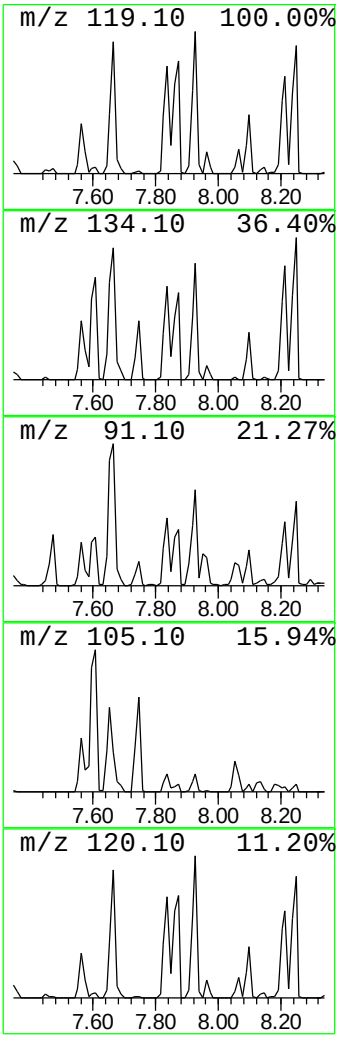
Peak Number 18 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	69.91 ng	8354080	1,4-Dichlorobenzene-d4	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





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Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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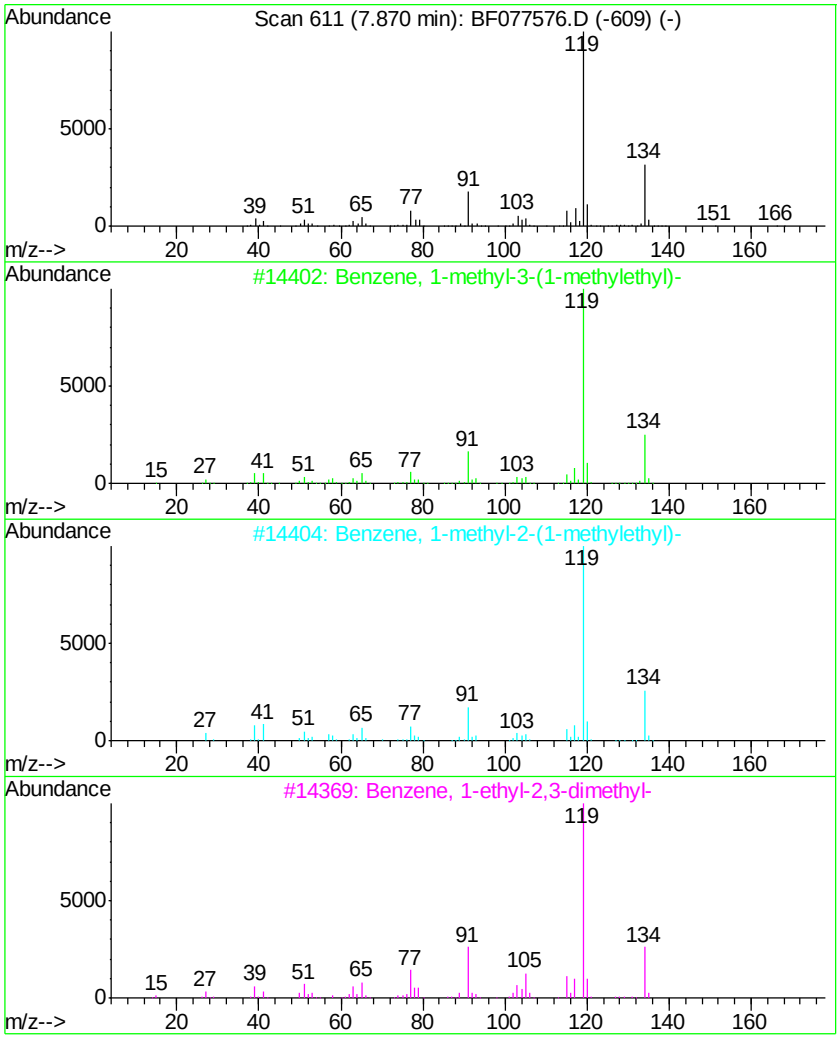
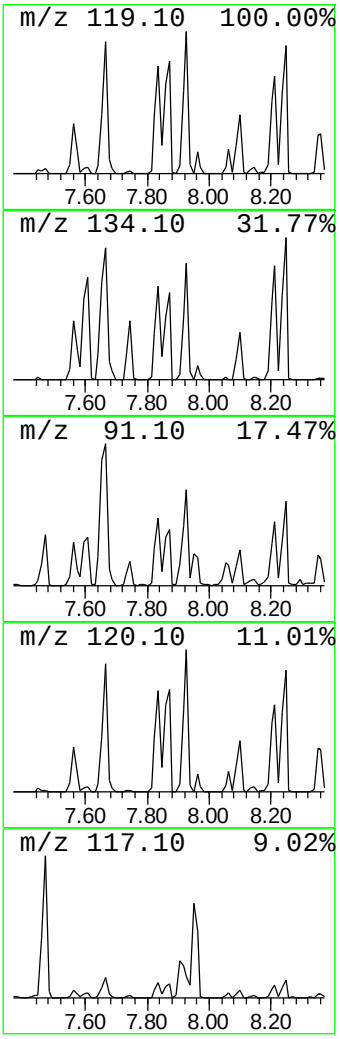
Peak Number 19 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	63.88 ng	7633350	1,4-Dichlorobenzene-d4	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
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	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94





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Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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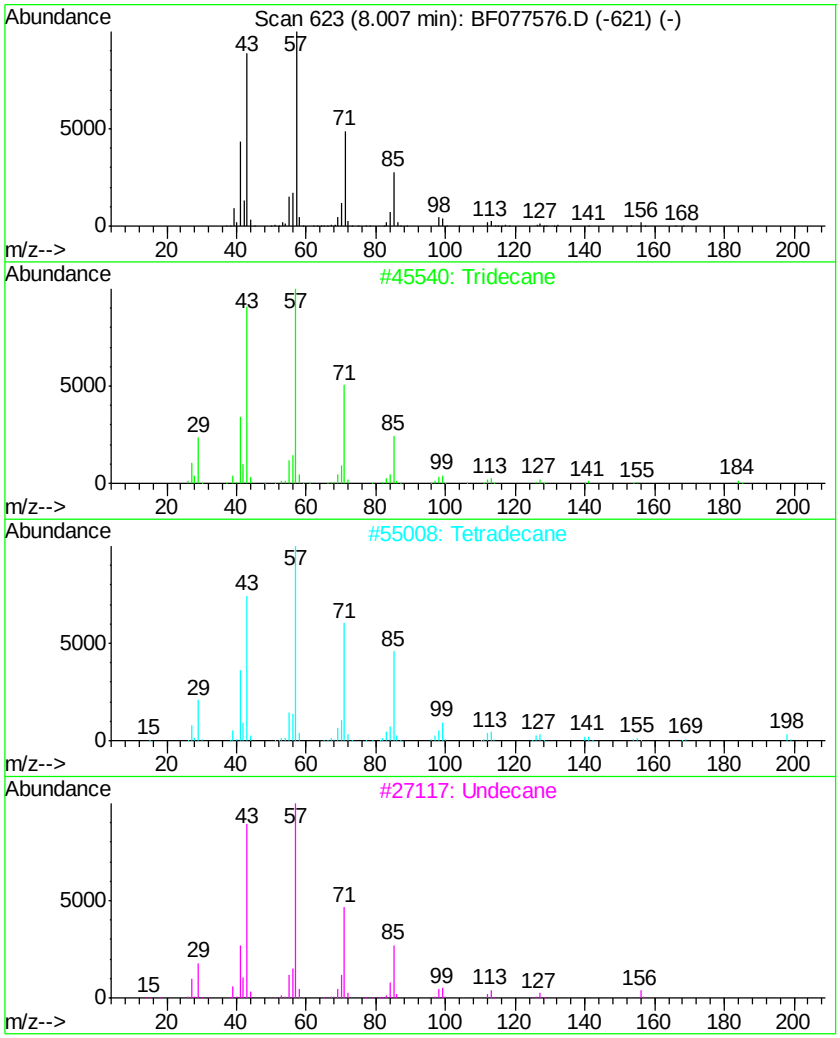
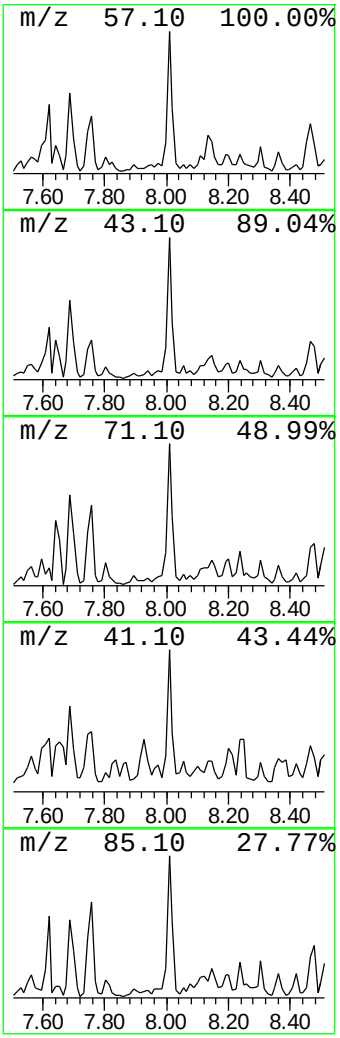
Peak Number 20 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	50.33 ng	6013910	1,4-Dichlorobenzene-d4	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Tetradecane	198	C14H30	000629-59-4	83
3	Undecane	156	C11H24	001120-21-4	83
4	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	78
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077576.D
Acq On : 4 Mar 2015 6:42
Operator : TP/IZ
Sample : G1332-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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
Nonane	5.90	44.7	ng	5340600	1	7.25	2389930	20.0
Octane, 3,6-dimet...	6.33	40.0	ng	4786030	1	7.25	2389930	20.0
Benzene, 1-ethyl-...	6.68	237.7	ng	28408800	1	7.25	2389930	20.0
Benzene, 1-ethyl-...	6.72	65.9	ng	7870510	1	7.25	2389930	20.0
Benzene, (1-methy...	7.20	42.9	ng	5127160	1	7.25	2389930	20.0
Benzene, 1-methyl...	7.30	51.7	ng	6182980	1	7.25	2389930	20.0
Indane	7.47	82.1	ng	9808700	1	7.25	2389930	20.0
Benzene, 1-methyl...	7.61	98.9	ng	11815700	1	7.25	2389930	20.0
Benzene, 2-ethyl-...	7.66	134.8	ng	16111300	1	7.25	2389930	20.0
Benzene, 1-methyl...	7.74	70.3	ng	8396060	1	7.25	2389930	20.0
Benzene, 1-ethyl-...	7.84	69.9	ng	8354080	1	7.25	2389930	20.0
Benzene, 1-methyl...	7.87	63.9	ng	7633350	1	7.25	2389930	20.0
Tridecane	8.01	50.3	ng	6013910	1	7.25	2389930	20.0