LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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-BF123115.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	4.990	251	254	257	rBV	1593236	1828762	4.71%	0.523%
2	5.264	276	278	281	rBV	402021	414144	1.07%	0.118%
3	5.379	285	288	290	rBV	1431561	1895636	4.88%	0.542%
4	5.424	290	292	295	rVB	3717949	3275435	8.44%	0.937%
5	5.607	306	308	310	rVB2	293119	460535	1.19%	0.132%
6	5.676	310	314	316	rVB3	222840	409187	1.05%	0.117%
7	5.824	323	327	329	rBV	817455	1152870	2.97%	0.330%
8	5.984	337	341	343	rBV	3762465	4751501	12.24%	1.360%
9	6.064	347	348	351	rVB	837754	833747	2.15%	0.239%
10	6.282	362	367	370	rBV	7364369	7922646	20.42%	2.267%
11	6.350	370	373	375	rBV	10590298	17071929	43.99%	4.885%
12	6.384	375	376	378	rVB	8789456	6551501	16.88%	1.875%
13	6.442	378	381	382	rBV	14873714	20722061	53.40%	5.929%
14	6.476	382	384	385	rVV	1846626	1848415	4.76%	0.529%
15	6.522	385	388	390	rVB	12592729	14717022	37.92%	4.211%
16	6.602	392	395	397	rVV	5029157	6445279	16.61%	1.844%
17	6.682	397	402	403	rVV	16486604	38807891	100.00%	11.104%
18	6.704	403	404	408	rVB2	506659	698672	1.80%	0.200%
19	6.784	408	411	413	rBV2	2955591	4028147	10.38%	1.153%
20	6.830	413	415	416	rBV	1578200	1524232	3.93%	0.436%
21	6.899	416	421	424	rVB2	14269407	28591184	73.67%	8.181%
22	6.990	426	429	430	rBV	6922198	7521156	19.38%	2.152%
23	7.082	434	437	438	rBV	4479930	4577191	11.79%	1.310%
24	7.105	438	439	441	rVB	6607383	7030634	18.12%	2.012%
25	7.150	441	443	447	rBV	9794296	13725059	35.37%	3.927%
26	7.230	447	450	451	rBV	4266949	5304908	13.67%	1.518%
27	7.299	453	456	457	rVV	6267816	7418511	19.12%	2.123%
28	7.322	457	458	460	rVV	6855375	5462198	14.07%	1.563%
29	7.367	460	462	463	rVV	7499377	8977936	23.13%	2.569%
30	7.402	463	465	467	rVV	8118941	9799272	25.25%	2.804%
31	7.447	467	469	470	rVV	557086	841240	2.17%	0.241%
32	7.482	470	472	473	rVV	1912944	2377470	6.13%	0.680%
33	7.516	473	475	477	rVV	4874559	4810535	12.40%	1.376%
34	7.550	477	478	479	rVB	945216	648418	1.67%	0.186%

LSC Area Percent Report

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Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.596	479	482	484	rBV2	3062538	5950210	15.33%	1.702%
36	7.630	484	485	486	rVV	6091545	4269788	11.00%	1.222%
37	7.699	488	491	495	rBV5	615122	1967972	5.07%	0.563%
38	7.767	495	497	501	rVB3	1617895	3035871	7.82%	0.869%
39	7.847	501	504	506	rBV2	5049747	8556682	22.05%	2.448%
40	7.950	509	513	514	rVV4	2113904	3939669	10.15%	1.127%
41	7.985	514	516	521	rVV3	486393	1176967	3.03%	0.337%
42	8.076	521	524	525	rVV3	594935	1092509	2.82%	0.313%
43	8.110	525	527	528	rVV	2734391	3287942	8.47%	0.941%
44	8.133	528	529	530	rVV	3255764	2419740	6.24%	0.692%
45	8.156	530	531	534	rVB2	635897	944859	2.43%	0.270%
46	8.248	537	539	541	rBV3	613596	936713	2.41%	0.268%
47	8.282	541	542	544	rVV2	474343	579015	1.49%	0.166%
48	8.373	546	550	553	rVV5	822289	2518150	6.49%	0.721%
49	8.430	553	555	556	rVV	295395	391841	1.01%	0.112%
50	8.488	556	560	562	rVV3	551101	1540458	3.97%	0.441%
51	8.533	562	564	568	rVV5	889580	2482928	6.40%	0.710%
52	8.590	568	569	571	rVV2	789643	1180438	3.04%	0.338%
53	8.648	573	574	576	rVV	1025794	804664	2.07%	0.230%
54	8.796	583	587	588	rBV2	513385	1228770	3.17%	0.352%
55	8.830	588	590	593	rVV3	883954	2472772	6.37%	0.708%
56	8.888	593	595	596	rVV2	703854	1281906	3.30%	0.367%
57	8.922	596	598	599	rVV2	1372228	2216930	5.71%	0.634%
58	9.002	602	605	606	rVV2	833580	2138180	5.51%	0.612%
59	9.025	606	607	609	rVV	1100399	1799758	4.64%	0.515%
60	9.082	611	612	613	rVV	1165513	1121484	2.89%	0.321%
61	9.139	613	617	619	rVV4	1201925	3367251	8.68%	0.963%
62	9.196	619	622	623	rVV	6720969	9809179	25.28%	2.807%
63	9.219	623	624	628	rVB2	1830591	2665340	6.87%	0.763%
64	9.288	628	630	632	rBV2	557560	943069	2.43%	0.270%
65	9.356	633	636	641	rVV4	1539739	4212093	10.85%	1.205%
66	9.448	641	644	646	rVV4	716297	1588424	4.09%	0.454%
67	9.528	648	651	652	rVV3	844003	1568015	4.04%	0.449%
68	9.550	652	653	657	rVB3	966103	1081584	2.79%	0.309%
69	9.630	658	660	664	rVB5	388825	930936	2.40%	0.266%
70	9.699	664	666	668	rVB2	304751	429104	1.11%	0.123%
71	9.733	668	669	670	rBV	534072	477555	1.23%	0.137%

LSC Area Percent Report

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Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.813	675	676	678	rVV	521390	471074	1.21%	0.135%
73	9.859	678	680	682	rVB	1425630	1933188	4.98%	0.553%
74	9.973	688	690	694	rVB	1049451	1623233	4.18%	0.464%
75	10.225	707	712	716	rVB3	196907	531018	1.37%	0.152%
76	10.659	747	750	752	rBV	4097003	4940417	12.73%	1.414%
77	10.853	764	767	769	rBV2	721495	867491	2.24%	0.248%
78	11.345	808	810	813	rVB	1804498	1670375	4.30%	0.478%
79	12.934	946	949	952	rBV	5256939	5697748	14.68%	1.630%
80	13.985	1038	1041	1043	rBV	1382168	1441539	3.71%	0.412%
81	15.402	1162	1165	1168	rBV	1220092	1468729	3.78%	0.420%

Sum of corrected areas: 349498902

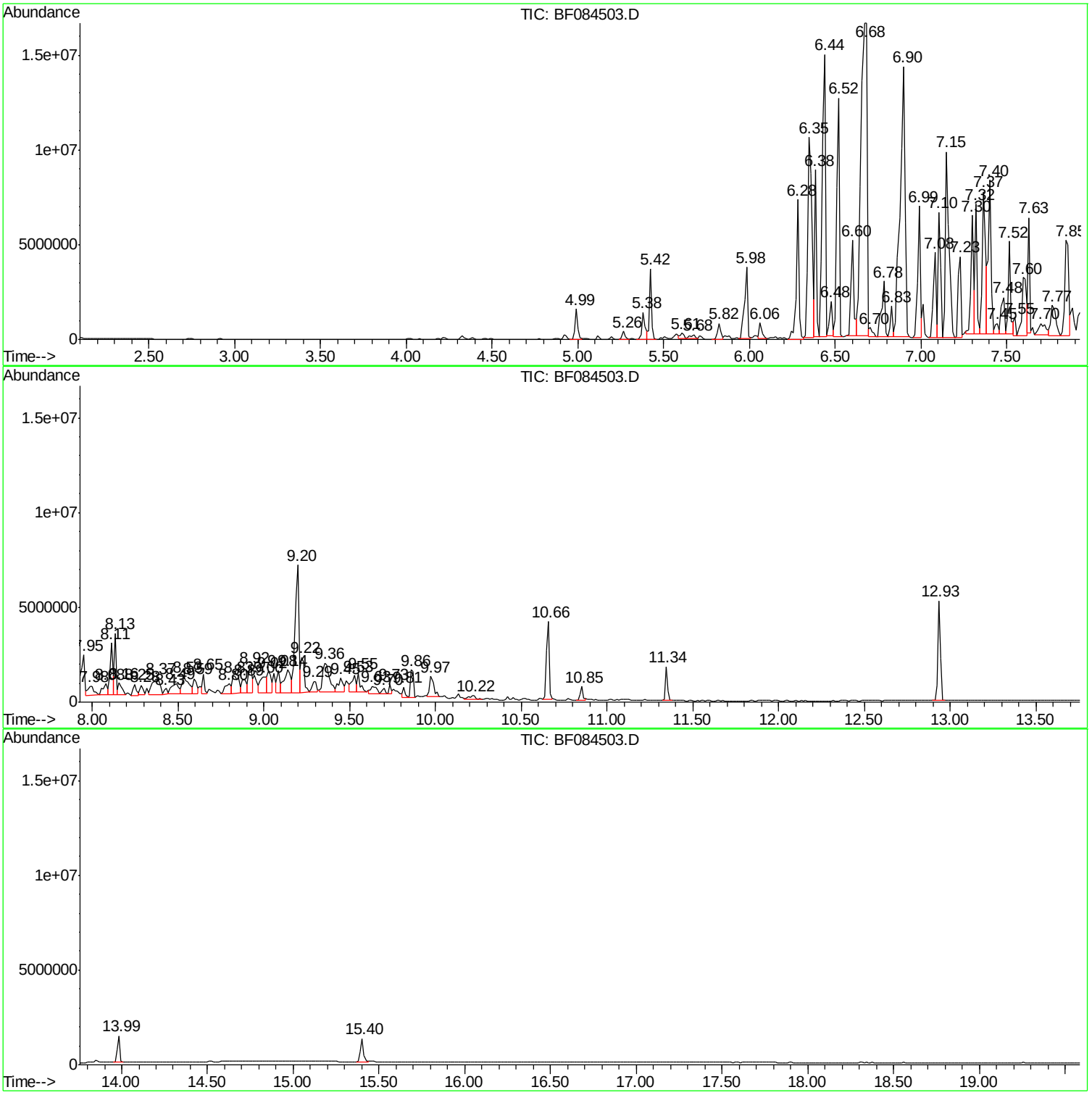
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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\BF011516\
Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

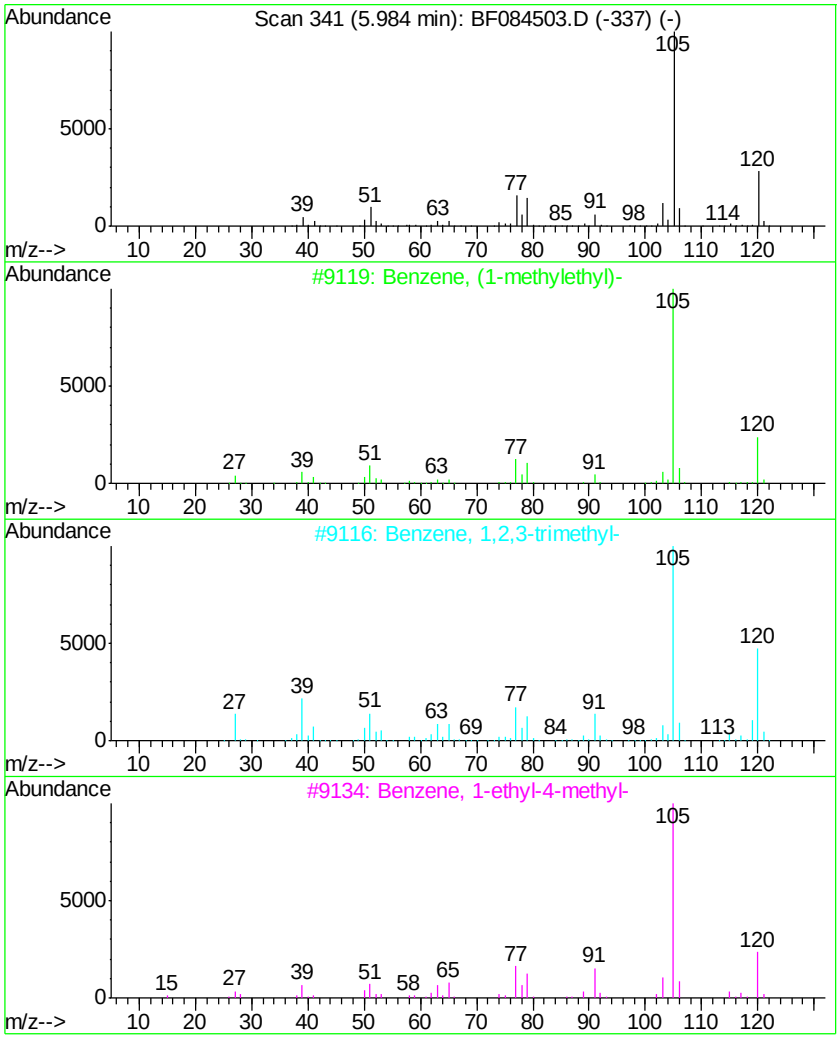
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

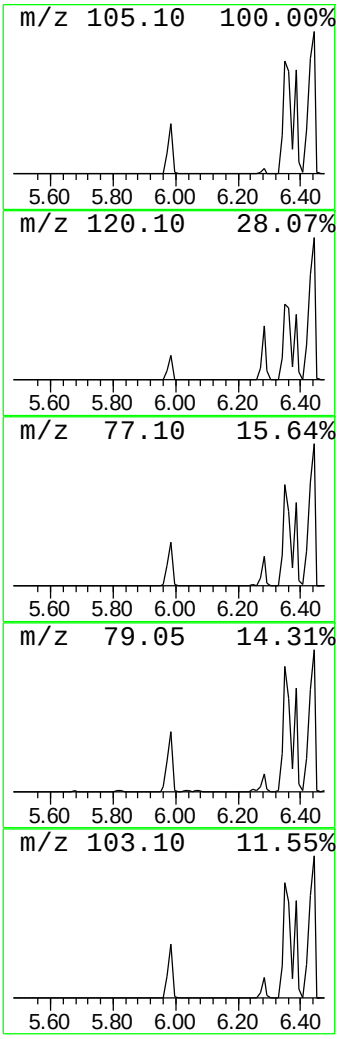
****

Peak Number 1 Benzene, (1-methylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	62.35 ng	4751500	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

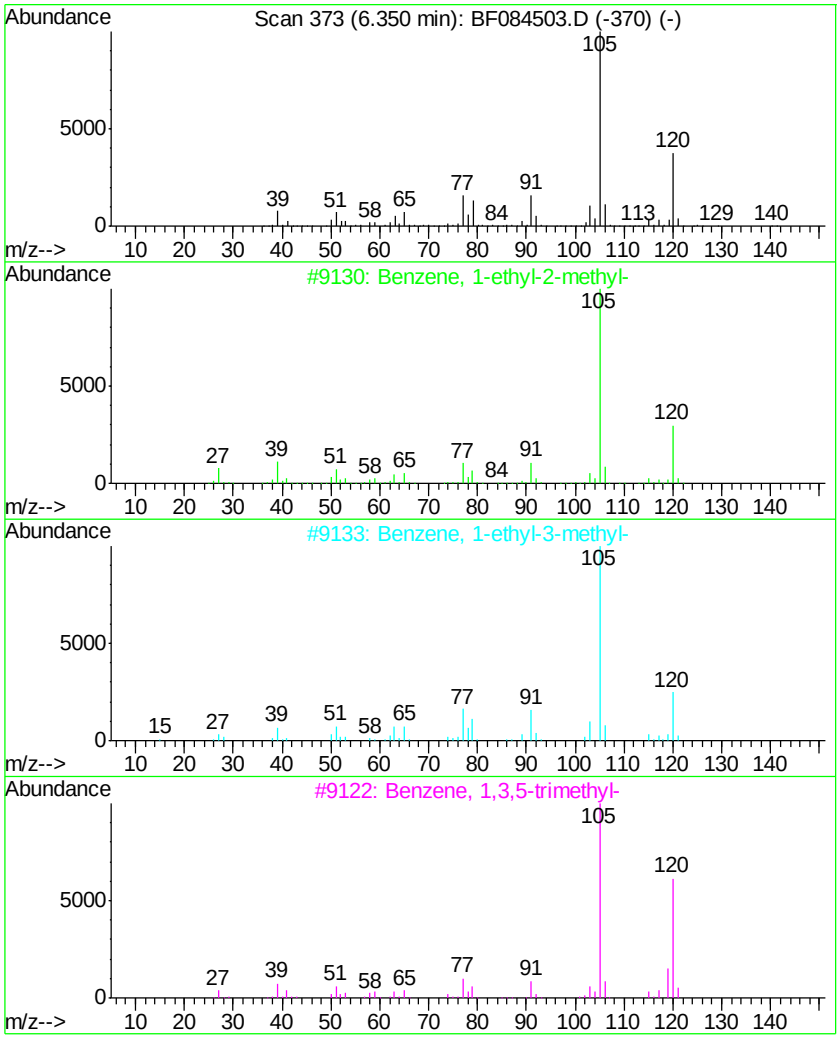
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

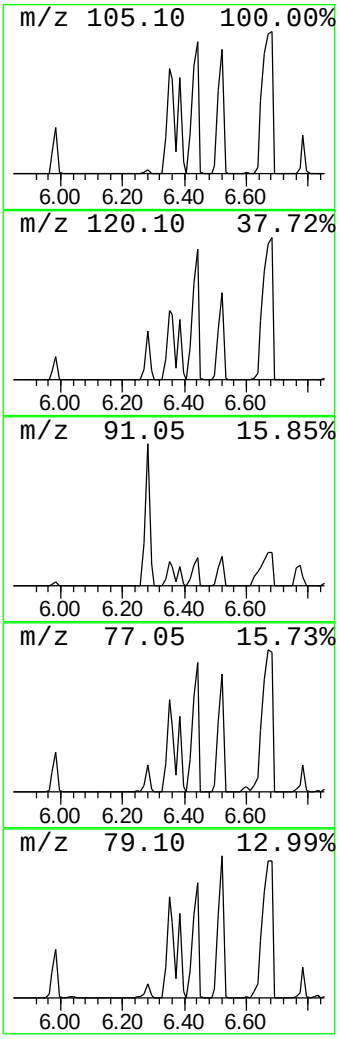
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	224.01 ng	17071900	1,4-Dichlorobenzene-d4	6.83

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-3-methyl-	120	C9H12	000620-14-4	93
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

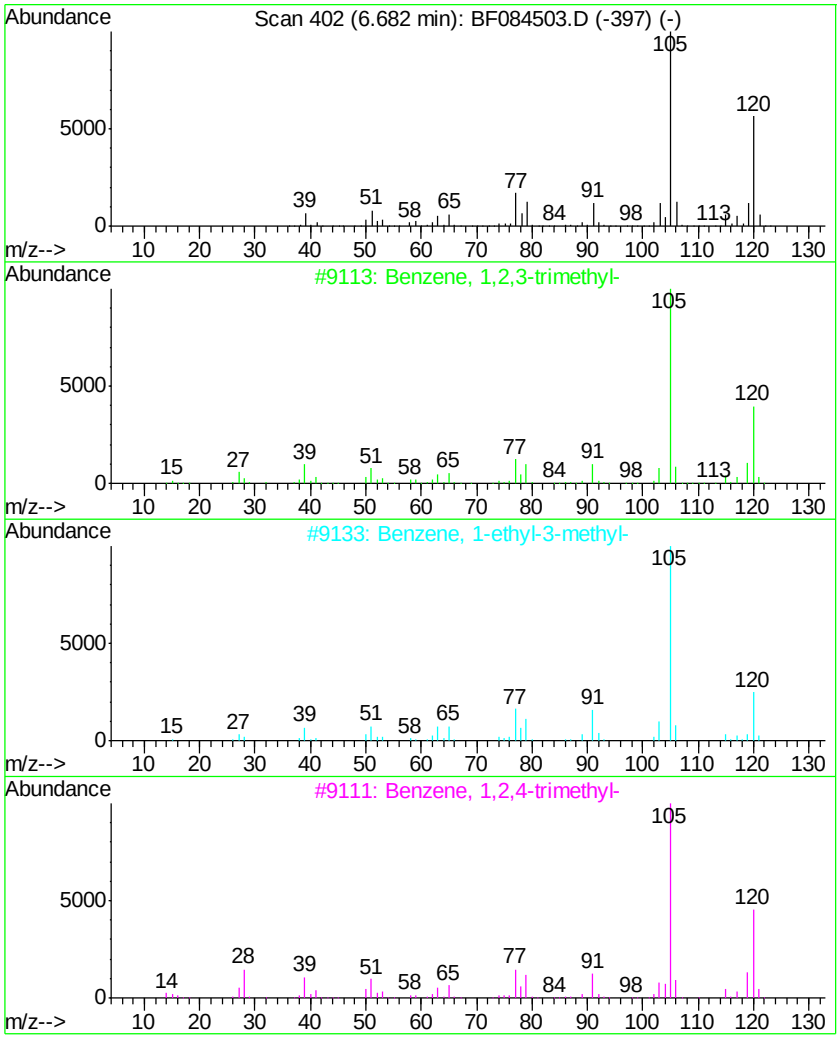
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

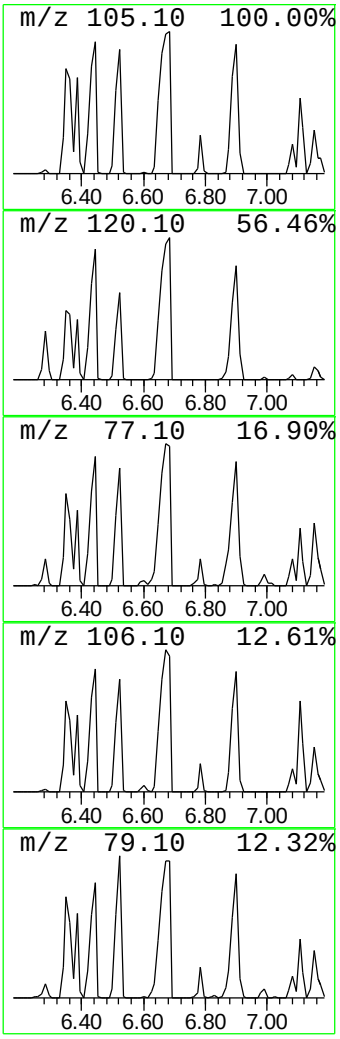
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	509.21 ng	38807900	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
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Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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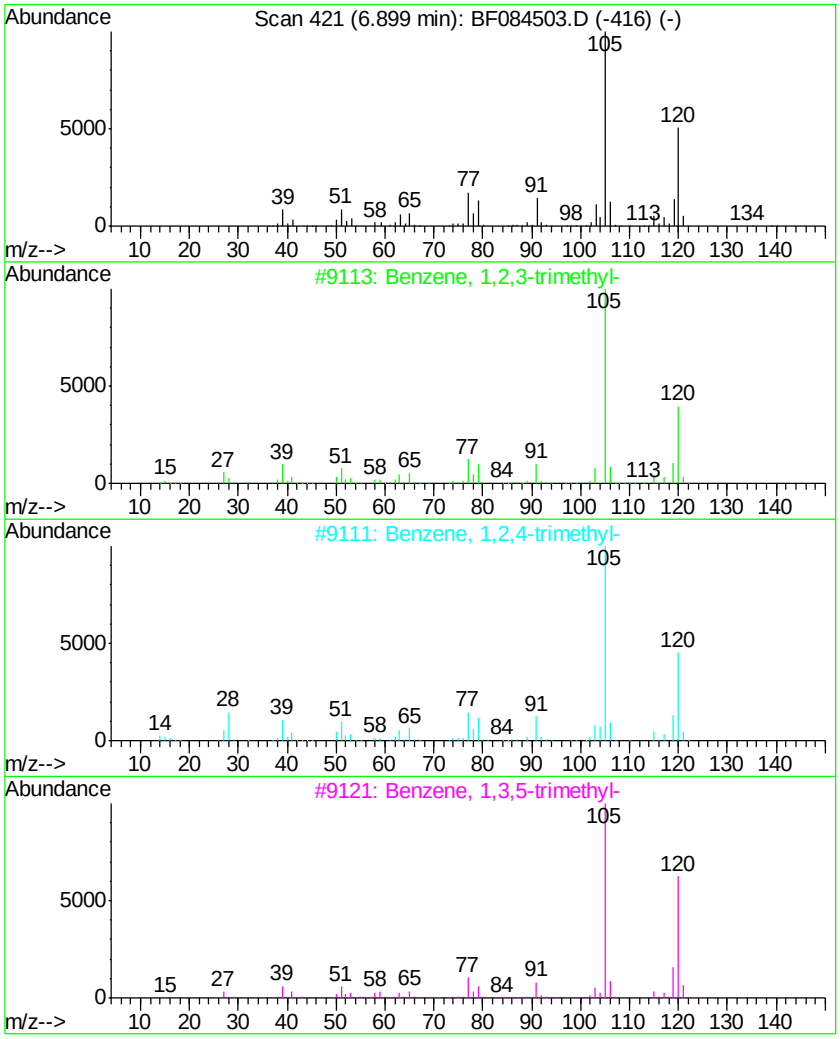
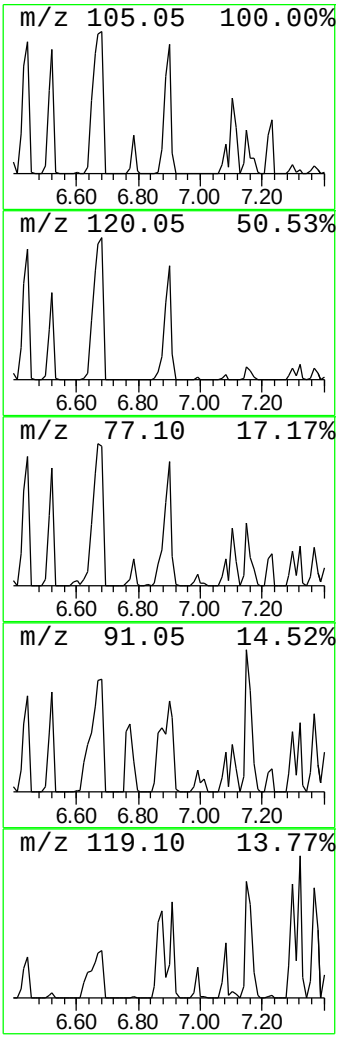
Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	375.16 ng	28591200	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	96
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

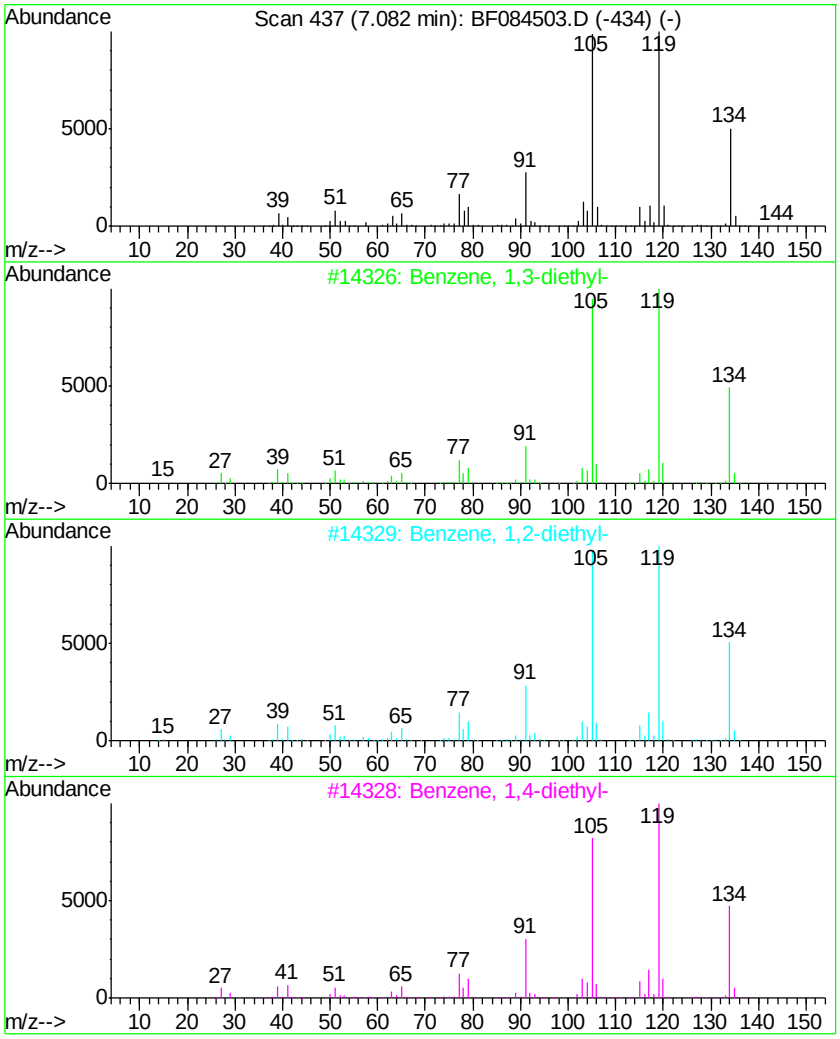
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

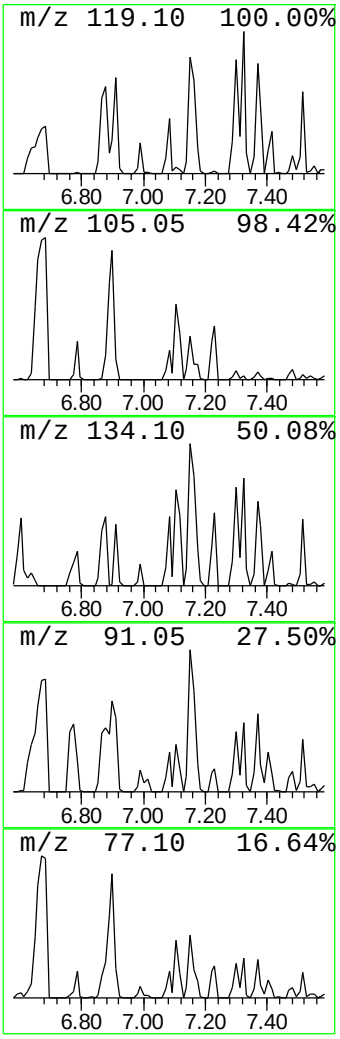
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	60.06 ng	4577190	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	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	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

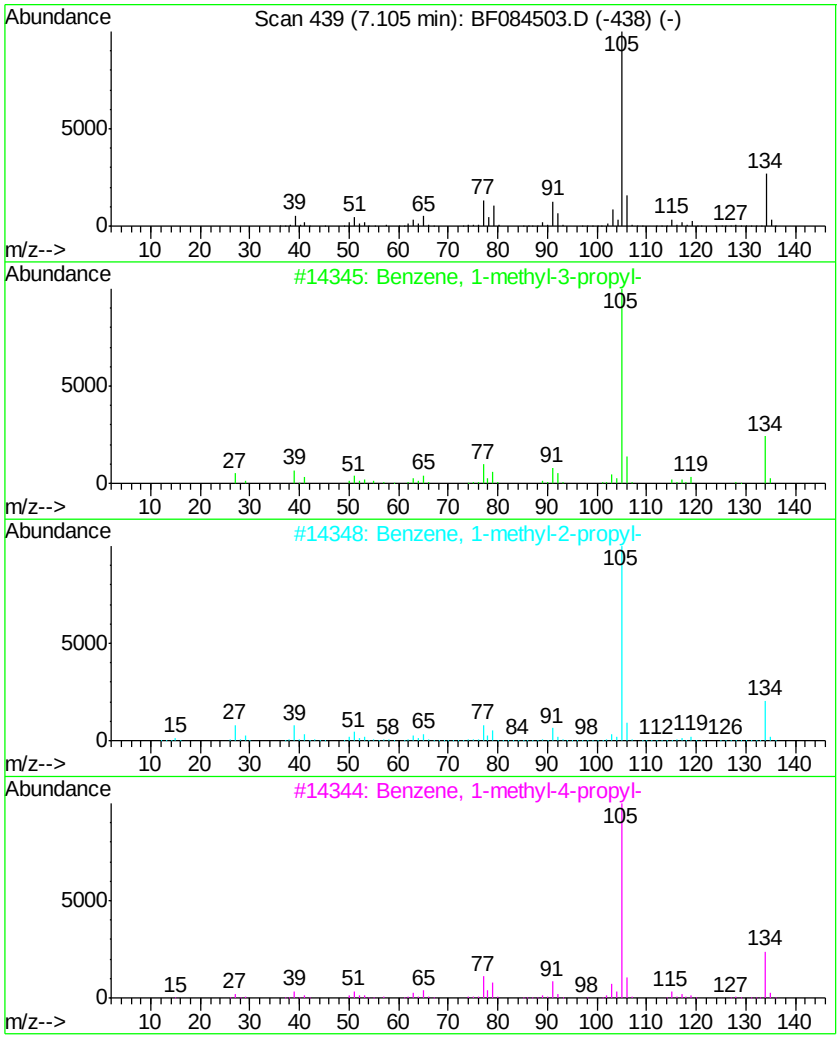
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

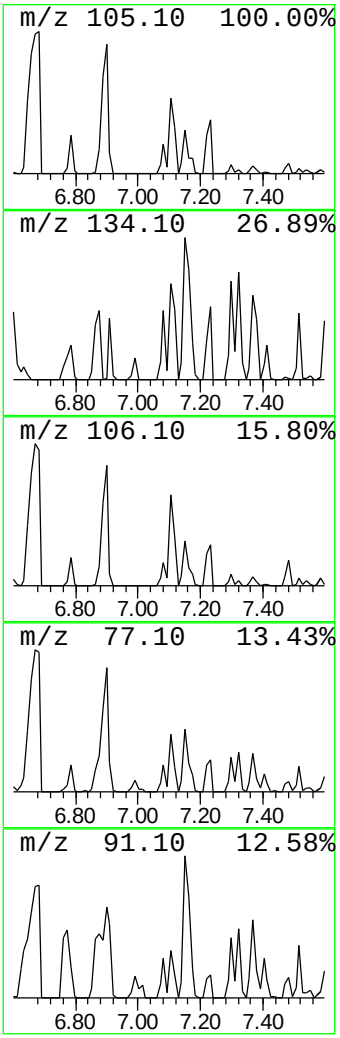
****

Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	92.25 ng	7030630	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	2-Tolyloxirane	134	C9H10O	002783-26-8	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

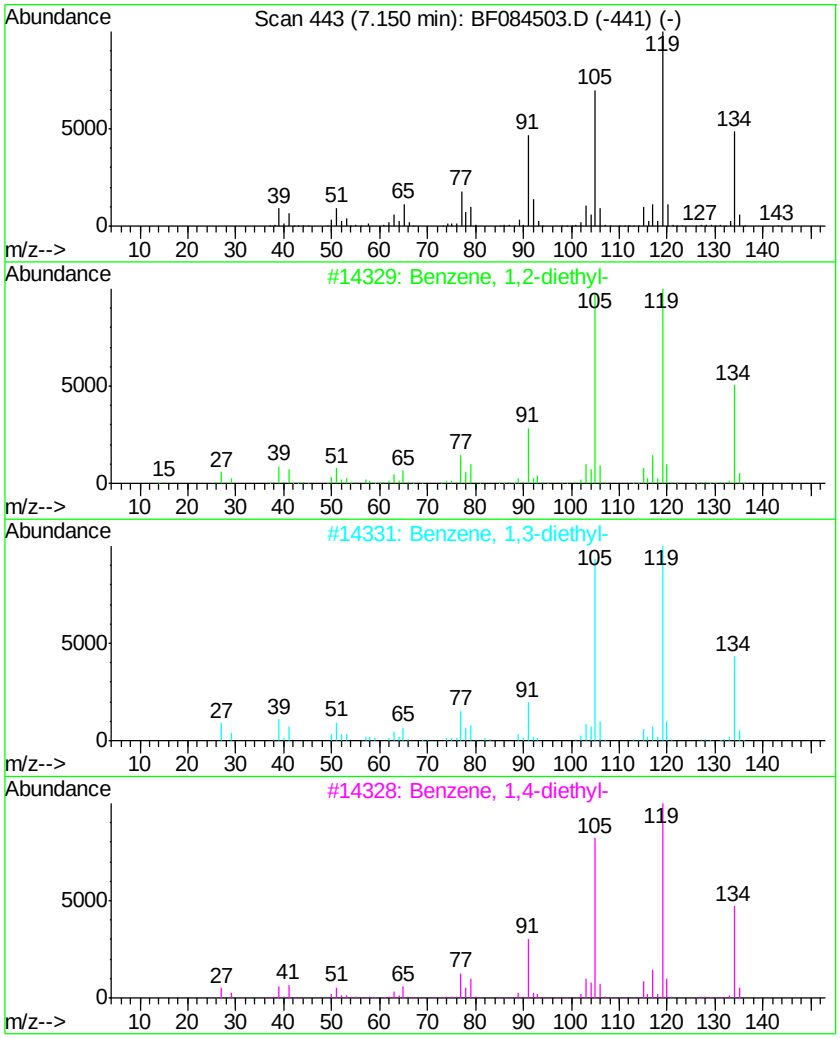
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

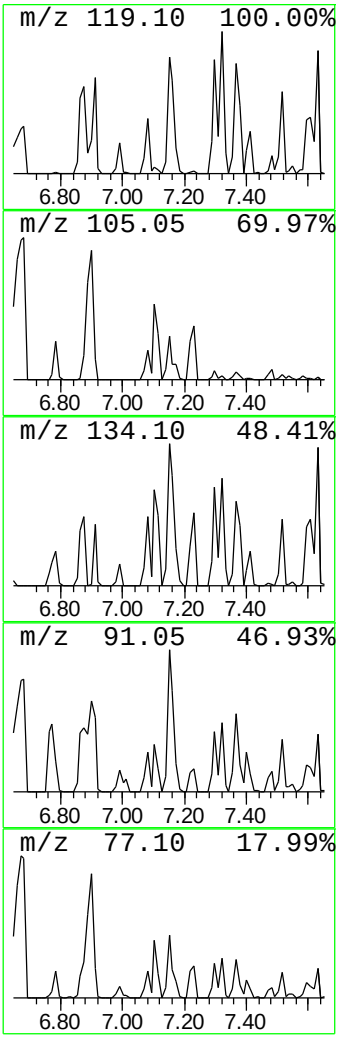
****

Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	180.09 ng	13725100	1,4-Dichlorobenzene-d4	6.83

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	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

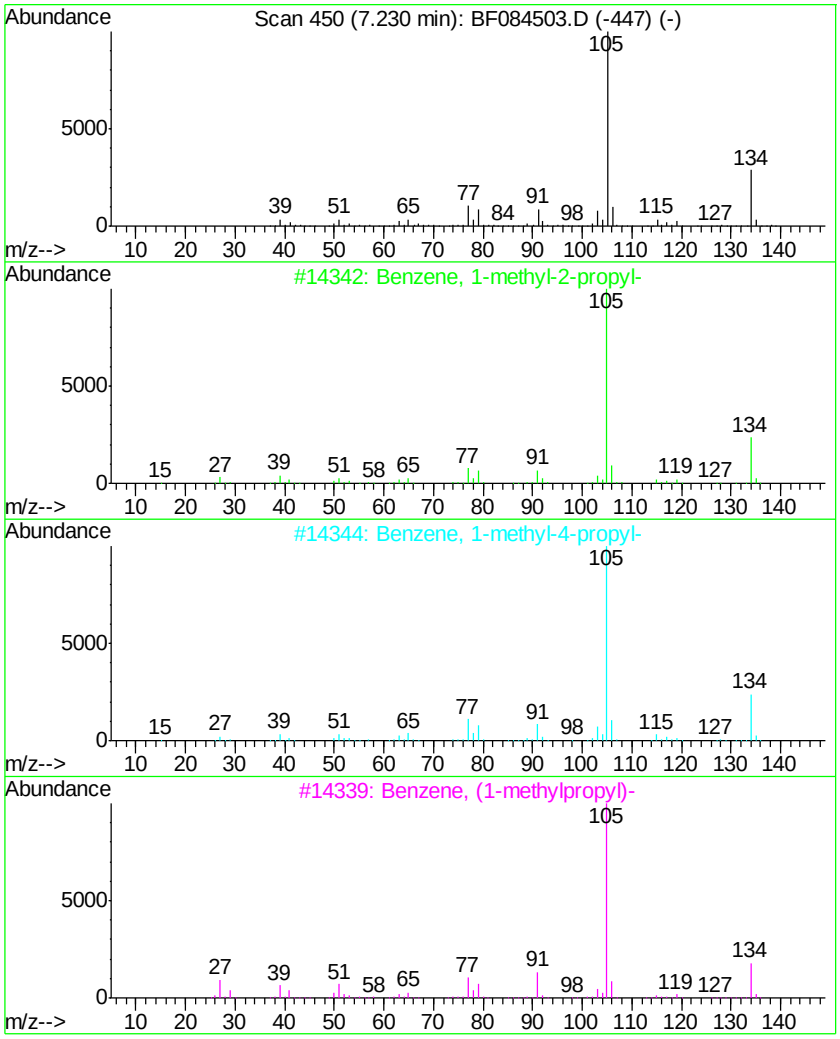
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

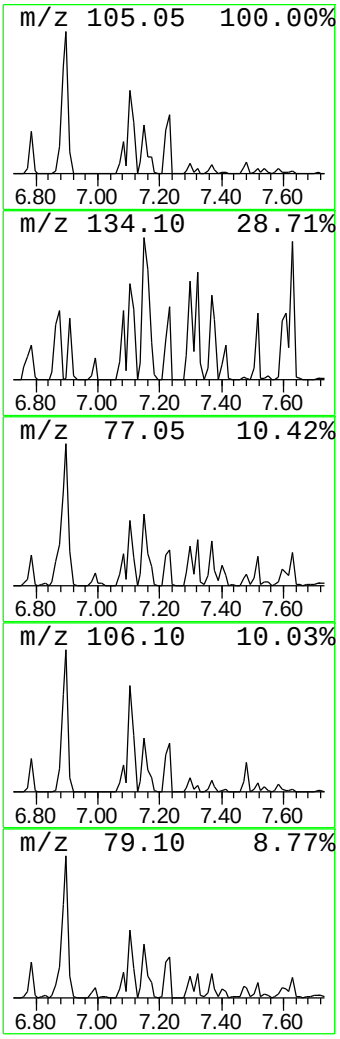
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	69.61 ng	5304910	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
4	2-Indanol	134	C9H10O	004254-29-9	86
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83





Library Search Compound Report

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Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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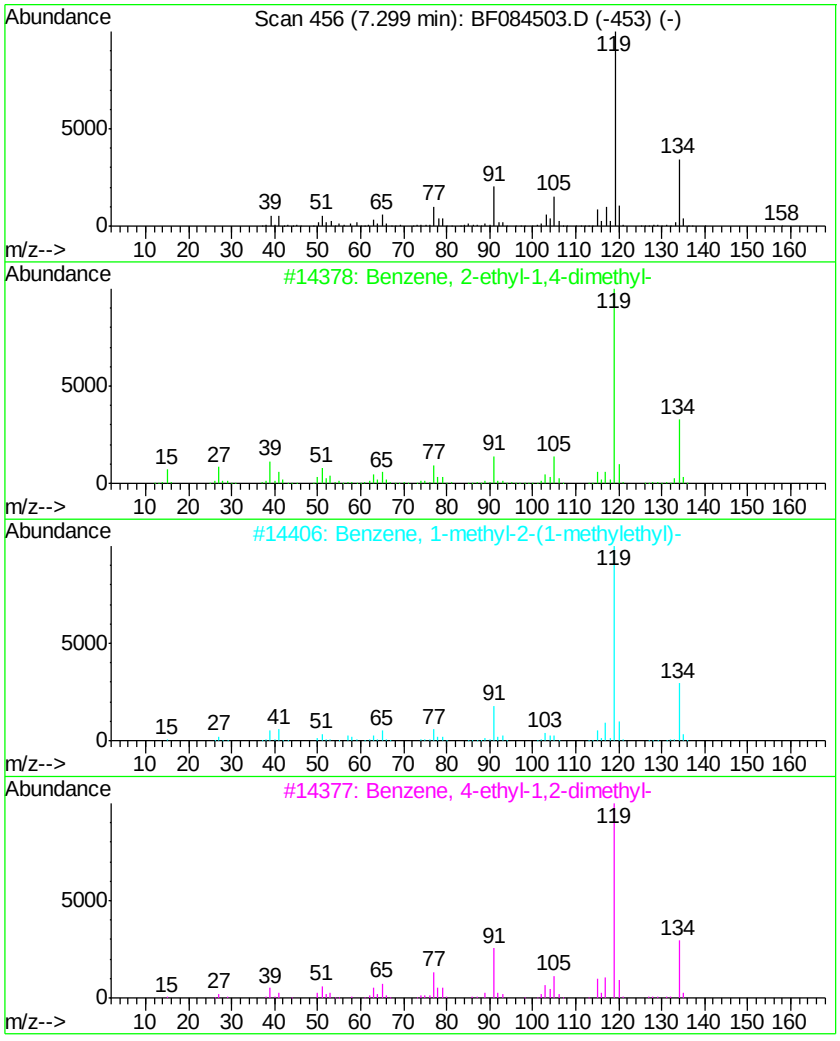
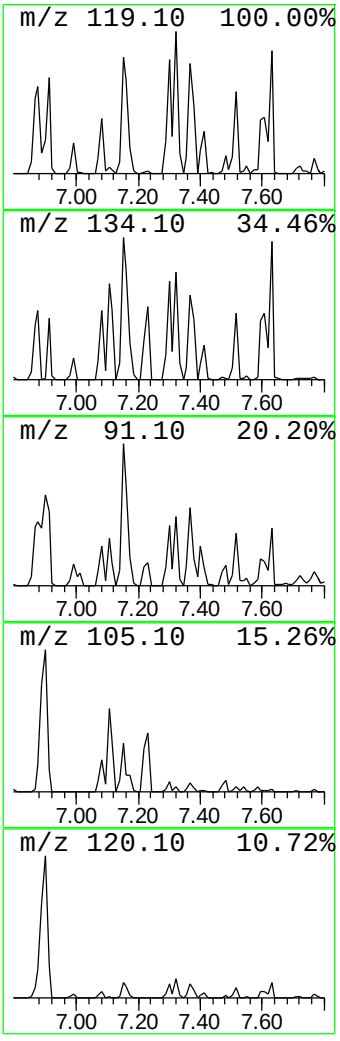
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	97.34 ng	7418510	1,4-Dichlorobenzene-d4	6.83

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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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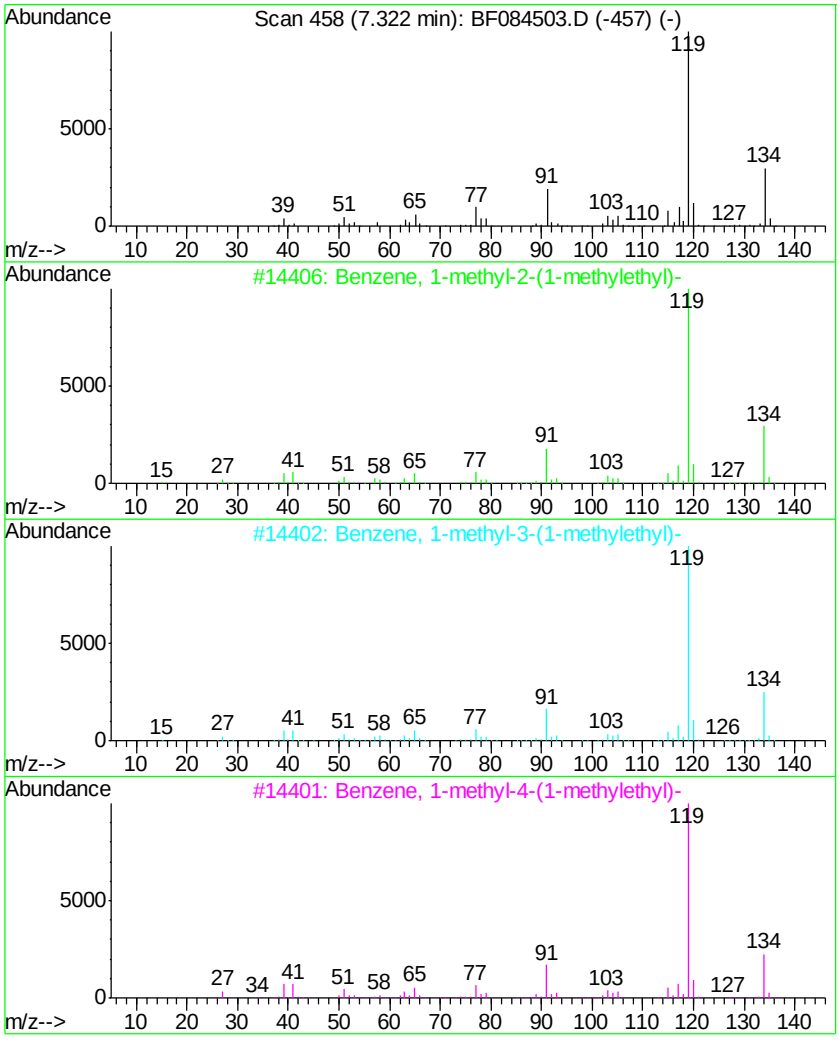
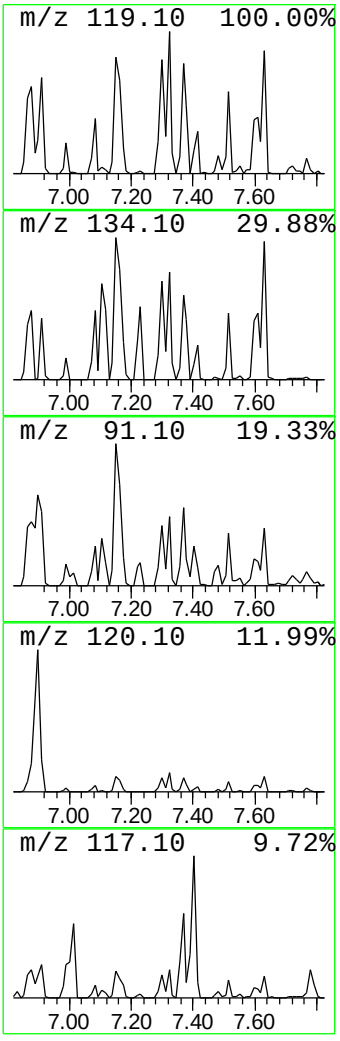
Peak Number 14 Benzene, 1-methyl-2-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	71.67 ng	5462200	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
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Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

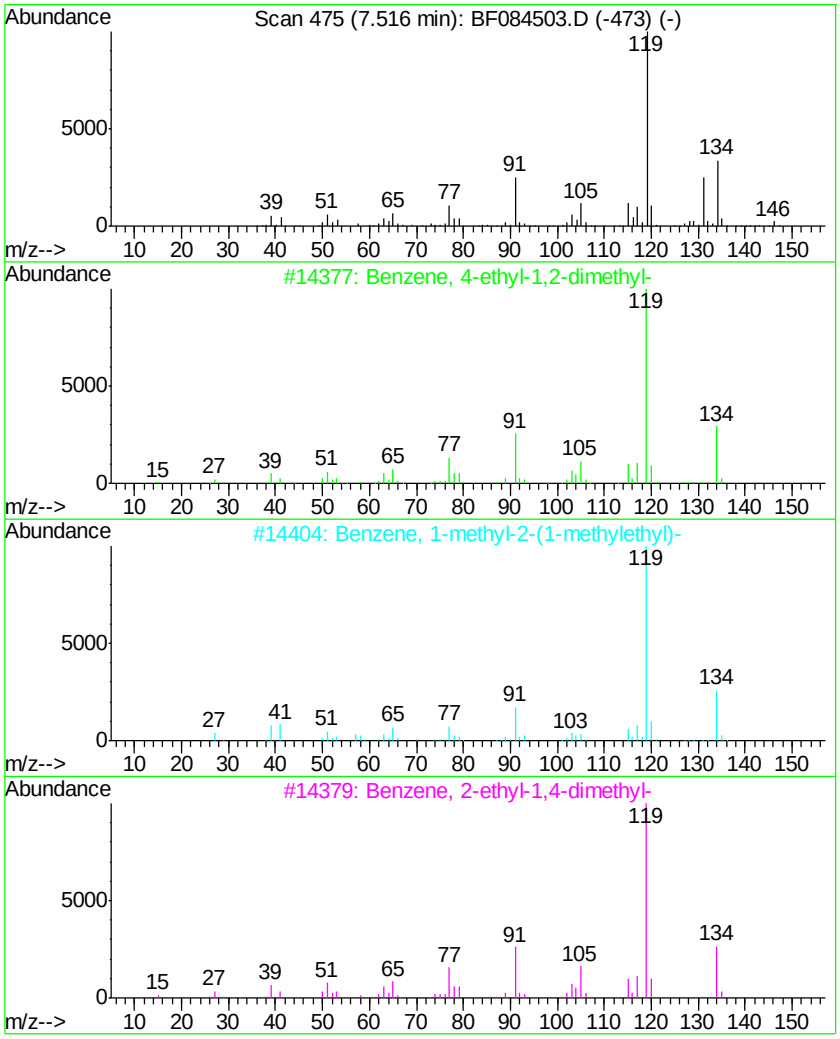
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

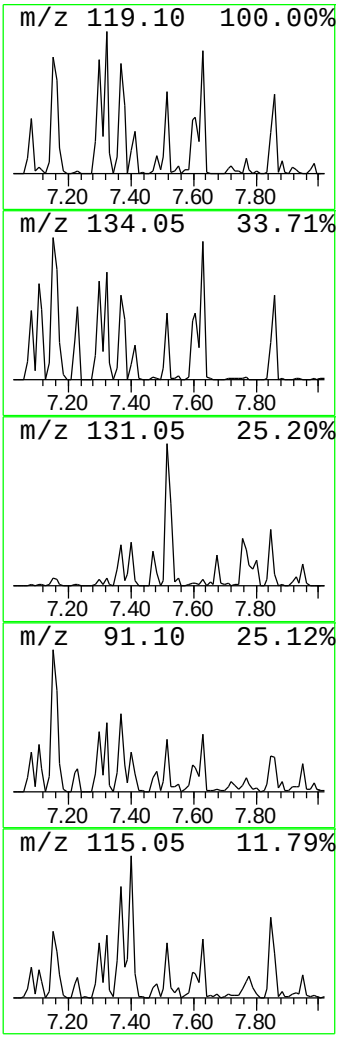
****

Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	29.26 ng	4810540	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
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Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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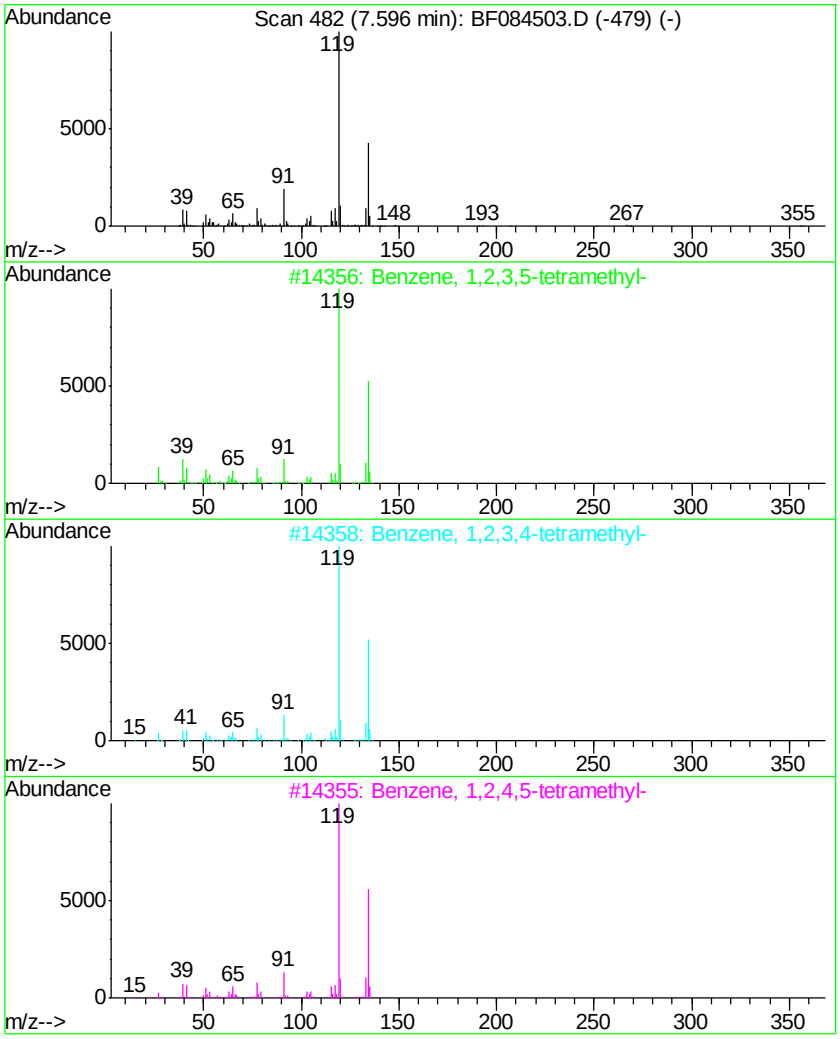
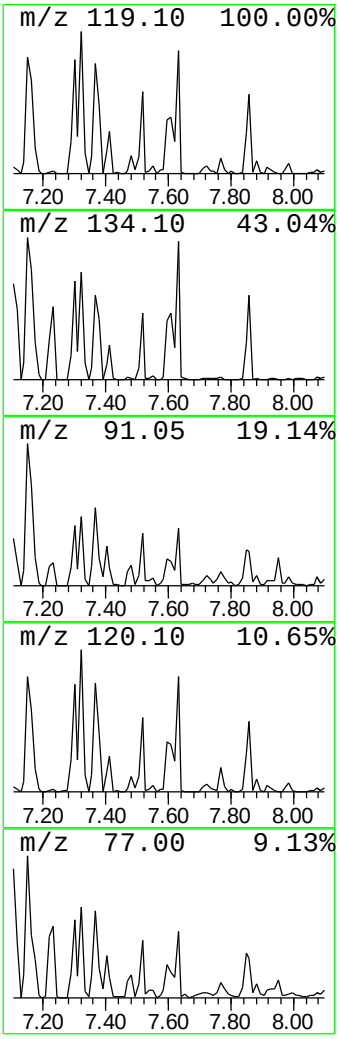
Peak Number 16 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	36.19 ng	5950210	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93





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Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

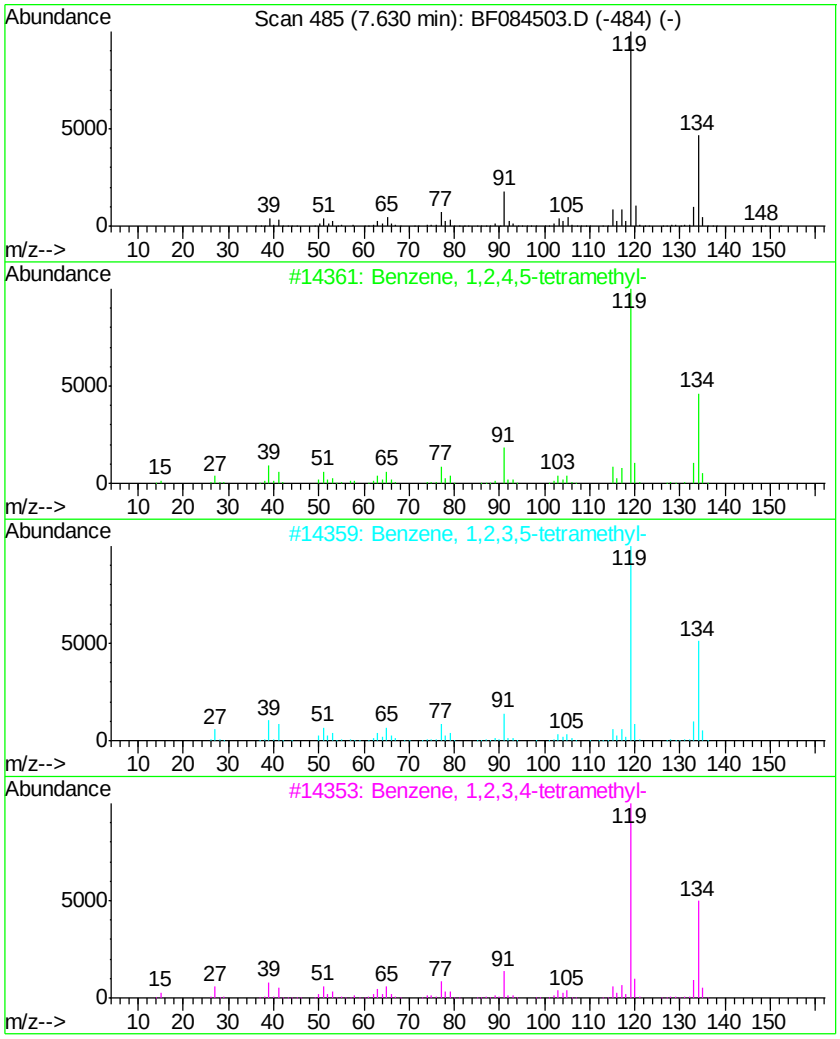
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

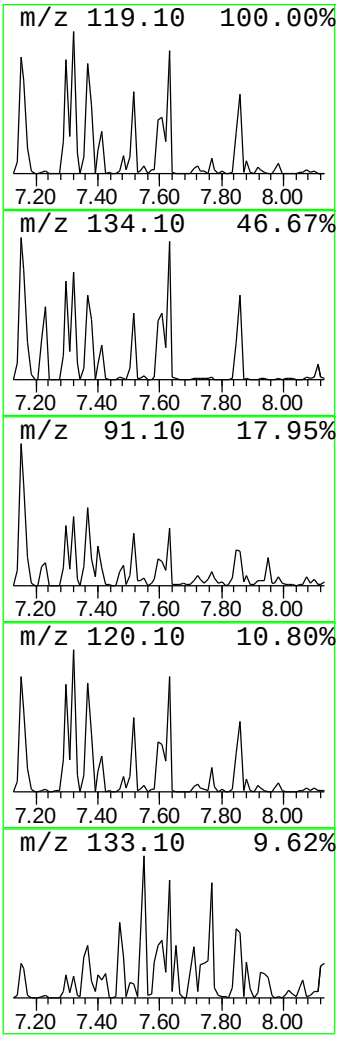
****

Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	25.97 ng	4269790	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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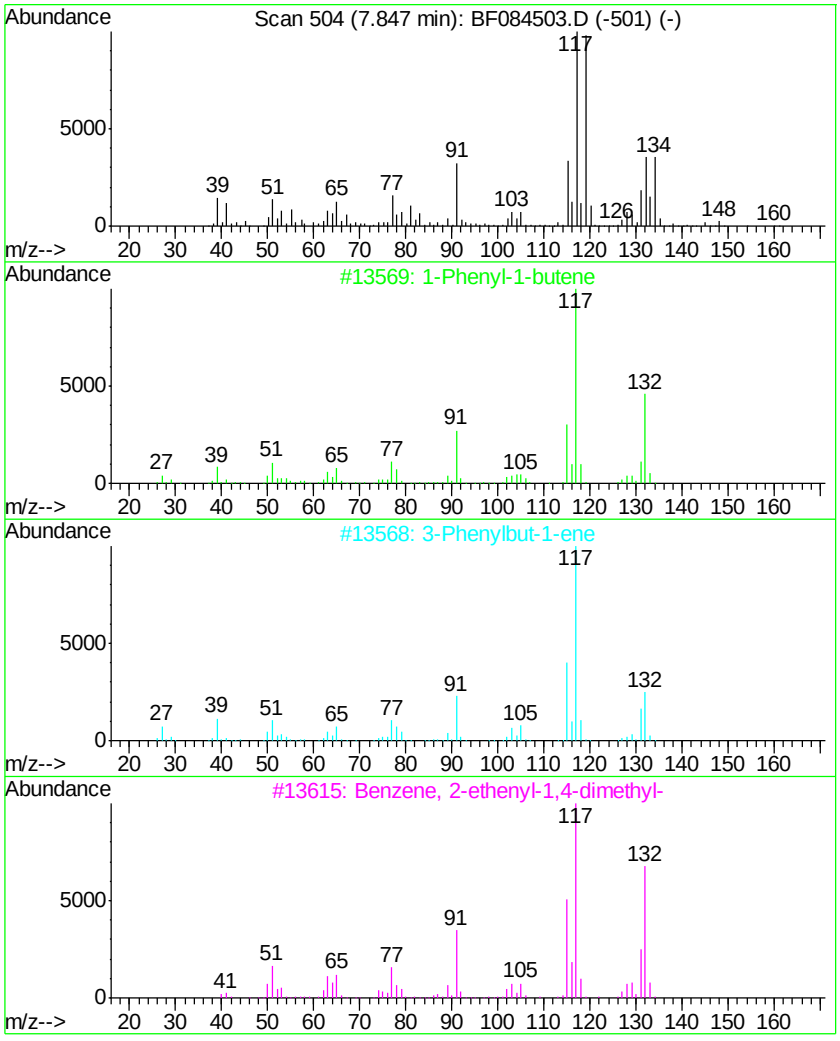
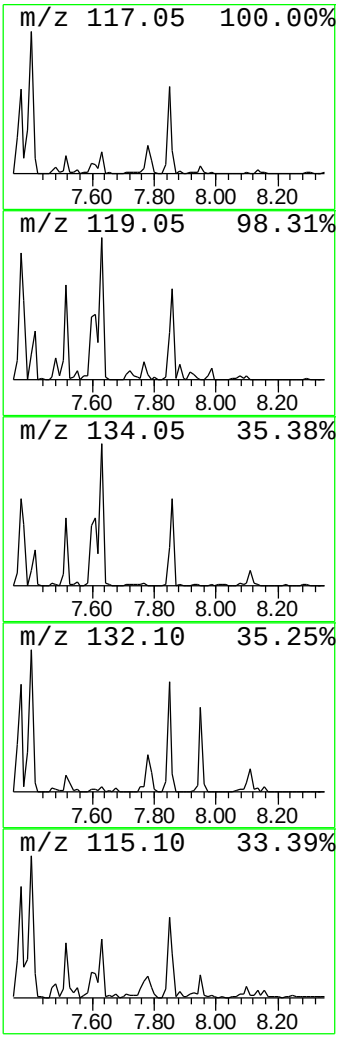
Peak Number 18 1-Phenyl-1-butene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	52.05 ng	8556680	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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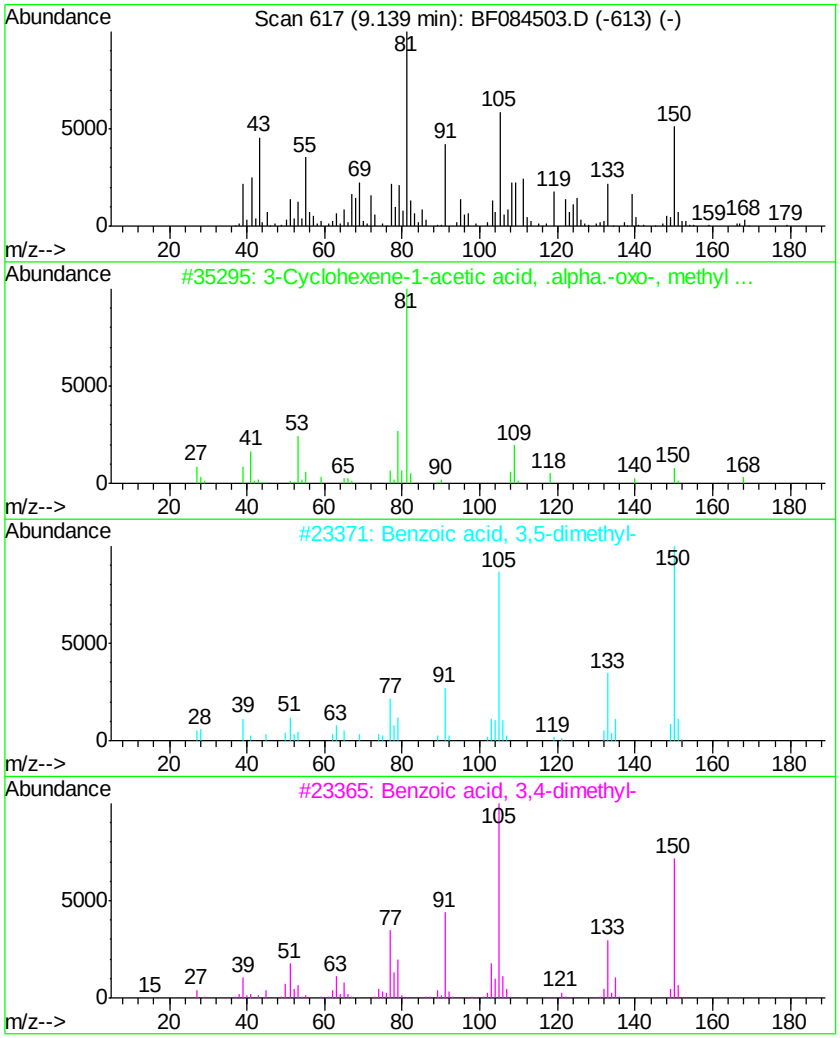
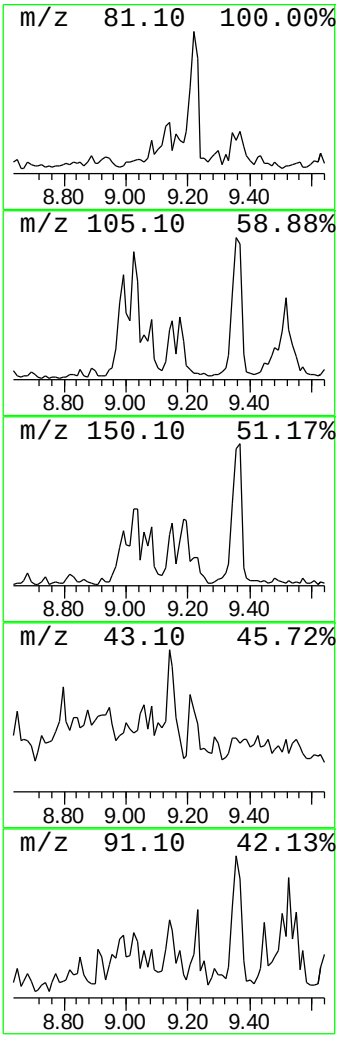
Peak Number 19 unknown9.14 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	34.84 ng	3367250	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexene-1-acetic acid, .al...	168	C9H12O3	077846-83-4	35
2	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	25
3	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	25
4	1-Propanone, 1-(3-cyclohexen-1-y...	166	C11H18O	016076-65-6	22
5	Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	22





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TIC Integration Parameters: LSCINT.P

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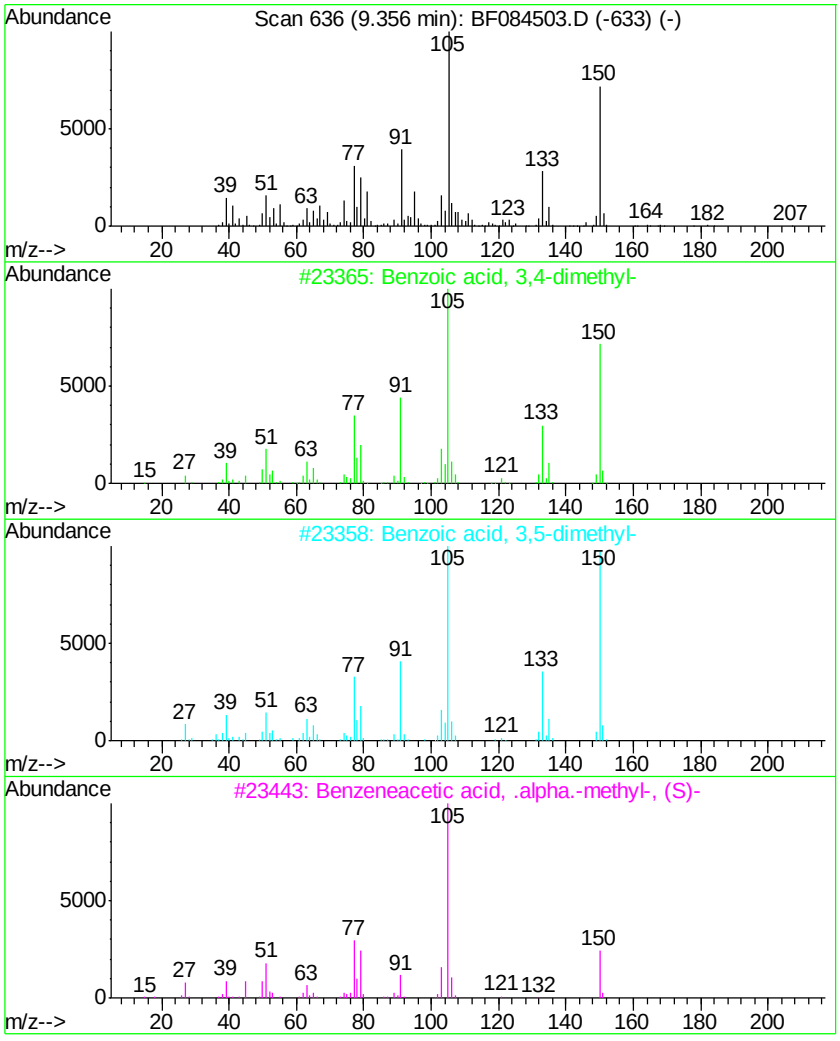
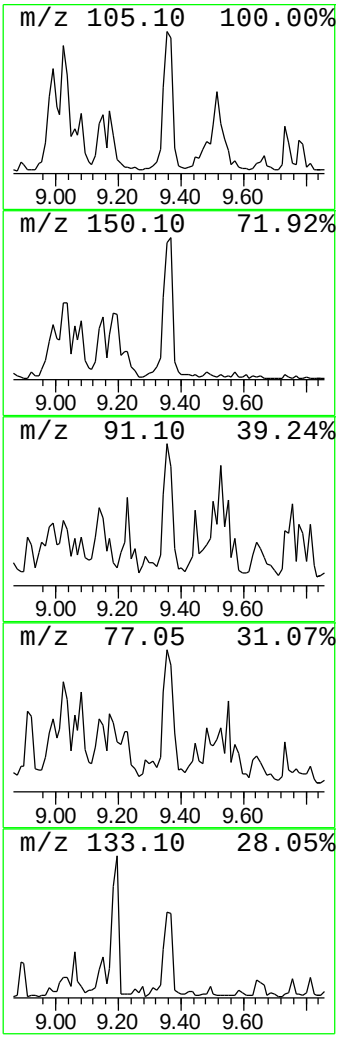
Peak Number 20 Benzoic acid, 3,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	43.58 ng	4212090	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	96
2	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	96
3	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-24-3	76
4	m-Tolylacetic acid	150	C9H10O2	000621-36-3	76
5	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
Data File : BF084503.D
Acq On : 15 Jan 2016 20:58
Operator : SJ/UM
Sample : H1147-01
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
Benzene, (1-methy...	5.98	62.4	ng	4751500	1	6.83	1524230	20.0
Benzene, 1-ethyl-...	6.35	224.0	ng	17071900	1	6.83	1524230	20.0
Benzene, 1-ethyl-...	6.68	509.2	ng	38807900	1	6.83	1524230	20.0
Benzene, 1,2,4-tr...	6.90	375.2	ng	28591200	1	6.83	1524230	20.0
Benzene, 1,3-diet...	7.08	60.1	ng	4577190	1	6.83	1524230	20.0
Benzene, 1-methyl...	7.10	92.3	ng	7030630	1	6.83	1524230	20.0
Benzene, 1,2-diet...	7.15	180.1	ng	13725100	1	6.83	1524230	20.0
Benzene, 1-methyl...	7.23	69.6	ng	5304910	1	6.83	1524230	20.0
Benzene, 2-ethyl-...	7.30	97.3	ng	7418510	1	6.83	1524230	20.0
Benzene, 1-methyl...	7.32	71.7	ng	5462200	1	6.83	1524230	20.0
Benzene, 4-ethyl-...	7.52	29.3	ng	4810540	2	8.11	3287940	20.0
Benzene, 1,2,3,5-...	7.60	36.2	ng	5950210	2	8.11	3287940	20.0
Benzene, 1,2,4,5-...	7.63	26.0	ng	4269790	2	8.11	3287940	20.0
1-Phenyl-1-butene	7.85	52.0	ng	8556680	2	8.11	3287940	20.0
unknown9.14	9.14	34.8	ng	3367250	3	9.86	1933190	20.0
Benzoic acid, 3,4...	9.36	43.6	ng	4212090	3	9.86	1933190	20.0