LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094741.D
Acq On : 1 May 2017 4:41
Operator : SJ/MA
Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

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-BF041717.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	3.013	170	183	185	rBV	6920561	14230770	43.87%	5.239%
2	3.966	340	345	352	rBV2	218679	328869	1.01%	0.121%
3	4.201	374	385	388	rBV	7238792	15070878	46.46%	5.548%
4	4.319	393	405	408	rBV	7377283	20835814	64.24%	7.670%
5	4.348	408	410	419	rVB	2903822	2659992	8.20%	0.979%
6	4.560	436	446	449	rBV2	5909515	10346040	31.90%	3.809%
7	4.866	494	498	505	rVB	1176077	1050934	3.24%	0.387%
8	5.095	533	537	540	rBV	565656	526757	1.62%	0.194%
9	5.172	540	550	556	rVB	787396	888365	2.74%	0.327%
10	5.260	556	565	567	rBV	5553401	7498454	23.12%	2.760%
11	5.290	567	570	573	rVB	2926360	2409322	7.43%	0.887%
12	5.337	573	578	581	rBV	3163786	2907563	8.96%	1.070%
13	5.425	588	593	596	rBV2	3130164	4000076	12.33%	1.473%
14	5.448	596	597	607	rVV	1154257	1002121	3.09%	0.369%
15	5.542	607	613	617	rVV	3903811	5213345	16.07%	1.919%
16	5.595	617	622	625	rVV2	5110757	8502753	26.21%	3.130%
17	5.637	627	629	632	rVB	1766296	1354764	4.18%	0.499%
18	5.772	649	652	656	rBV	724567	773690	2.39%	0.285%
19	5.813	656	659	661	rVV	1595576	1577415	4.86%	0.581%
20	5.842	661	664	666	rVV	2782313	2906659	8.96%	1.070%
21	5.866	666	668	670	rVV	1093568	1012441	3.12%	0.373%
22	5.895	670	673	678	rVB	1409885	1506604	4.64%	0.555%
23	5.954	678	683	685	rBV	3293251	3758344	11.59%	1.384%
24	5.978	685	687	697	rVB	2377422	2128752	6.56%	0.784%
25	6.113	697	710	713	rBV	7306672	22916456	70.65%	8.436%
26	6.148	713	716	719	rVV	851825	782152	2.41%	0.288%
27	6.313	738	744	746	rVV3	497057	803839	2.48%	0.296%
28	6.395	754	758	760	rVV	647136	826191	2.55%	0.304%
29	6.431	760	764	768	rVV	1952432	3552846	10.95%	1.308%
30	6.484	771	773	777	rVV	751141	944598	2.91%	0.348%
31	6.519	777	779	781	rVV	405721	395867	1.22%	0.146%
32	6.584	785	790	793	rVV2	386143	613302	1.89%	0.226%
33	6.701	807	810	814	rVB	656833	636292	1.96%	0.234%
34	6.742	814	817	823	rBV2	371608	530765	1.64%	0.195%

LSC Area Percent Report

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

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-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.789	823	825	831	rVV3	183747	412577	1.27%	0.152%
36	6.854	834	836	838	rVV	264725	329055	1.01%	0.121%
37	6.878	838	840	846	rVV2	400583	539389	1.66%	0.199%
38	6.942	846	851	852	rVV3	432408	571232	1.76%	0.210%
39	6.984	852	858	862	rVV	3793308	8037425	24.78%	2.959%
40	7.031	862	866	873	rVV	2916068	6409285	19.76%	2.359%
41	7.078	873	874	877	rVV2	364271	448413	1.38%	0.165%
42	7.113	877	880	890	rVB2	1282650	1911503	5.89%	0.704%
43	7.360	902	922	923	rBV2	7056727	32436552	100.00%	11.941%
44	7.413	930	931	934	rVB	2870083	1431244	4.41%	0.527%
45	7.507	944	947	952	rVB4	186417	347649	1.07%	0.128%
46	7.595	956	962	967	rVB	330662	424107	1.31%	0.156%
47	7.754	986	989	993	rBV	569576	575434	1.77%	0.212%
48	7.925	1015	1018	1021	rBV2	536950	708213	2.18%	0.261%
49	8.066	1038	1042	1046	rBV4	270257	412714	1.27%	0.152%
50	8.154	1050	1057	1059	rVB	5461437	8399167	25.89%	3.092%
51	8.266	1068	1076	1079	rVB	4907981	6947111	21.42%	2.557%
52	8.331	1083	1087	1090	rBV2	281325	326383	1.01%	0.120%
53	8.431	1100	1104	1111	rBV6	170604	341163	1.05%	0.126%
54	8.589	1123	1131	1135	rBV	4118557	5149096	15.87%	1.896%
55	8.707	1146	1151	1154	rBV	2765318	2608356	8.04%	0.960%
56	8.813	1167	1169	1177	rVB	507541	677932	2.09%	0.250%
57	8.895	1179	1183	1188	rBV	404545	617668	1.90%	0.227%
58	8.989	1193	1199	1202	rBV2	850299	1002204	3.09%	0.369%
59	9.019	1202	1204	1209	rVV2	511128	522549	1.61%	0.192%
60	9.072	1209	1213	1216	rVB	1202940	1148070	3.54%	0.423%
61	9.130	1219	1223	1228	rBV	377796	513969	1.58%	0.189%
62	9.236	1235	1241	1244	rBV	3437790	4265946	13.15%	1.570%
63	9.401	1265	1269	1272	rBV2	986064	1130047	3.48%	0.416%
64	9.448	1272	1277	1280	rVV	4139106	5192691	16.01%	1.912%
65	9.648	1305	1311	1314	rBV3	242688	427752	1.32%	0.157%
66	9.954	1359	1363	1367	rVB	477798	460452	1.42%	0.170%
67	10.030	1374	1376	1379	rVB2	385325	361967	1.12%	0.133%
68	10.072	1379	1383	1391	rVB	2045841	2410347	7.43%	0.887%
69	10.342	1424	1429	1431	rBV	515071	519360	1.60%	0.191%
70	10.383	1431	1436	1439	rVB	2269884	2843609	8.77%	1.047%
71	10.742	1493	1497	1502	rBV4	199689	340164	1.05%	0.125%

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Sample : I2902-06
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Instrument : BNA_F
ClientSampleId : MW-7BD

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.219	1575	1578	1580	rBV	697615	723984	2.23%	0.267%
73	11.254	1580	1584	1588	rVB	2988100	3381816	10.43%	1.245%
74	11.313	1588	1594	1599	rVB	612434	642941	1.98%	0.237%
75	11.971	1701	1706	1709	rBV3	501964	653805	2.02%	0.241%
76	12.707	1827	1831	1837	rVB	535093	515829	1.59%	0.190%
77	12.983	1874	1878	1886	rVV	644635	688438	2.12%	0.253%
78	13.201	1909	1915	1919	rBV	3146081	4267372	13.16%	1.571%
79	13.530	1965	1971	1974	rBV2	505907	842195	2.60%	0.310%
80	13.571	1974	1978	1986	rVB	662117	916346	2.83%	0.337%
81	13.736	2002	2006	2014	rVB4	184716	328518	1.01%	0.121%
82	14.389	2096	2117	2120	rBV	2892568	11818312	36.44%	4.351%
83	14.477	2129	2132	2136	rVB	541019	623996	1.92%	0.230%
84	16.112	2406	2410	2414	rBV	498447	544188	1.68%	0.200%

Sum of corrected areas: 271641565

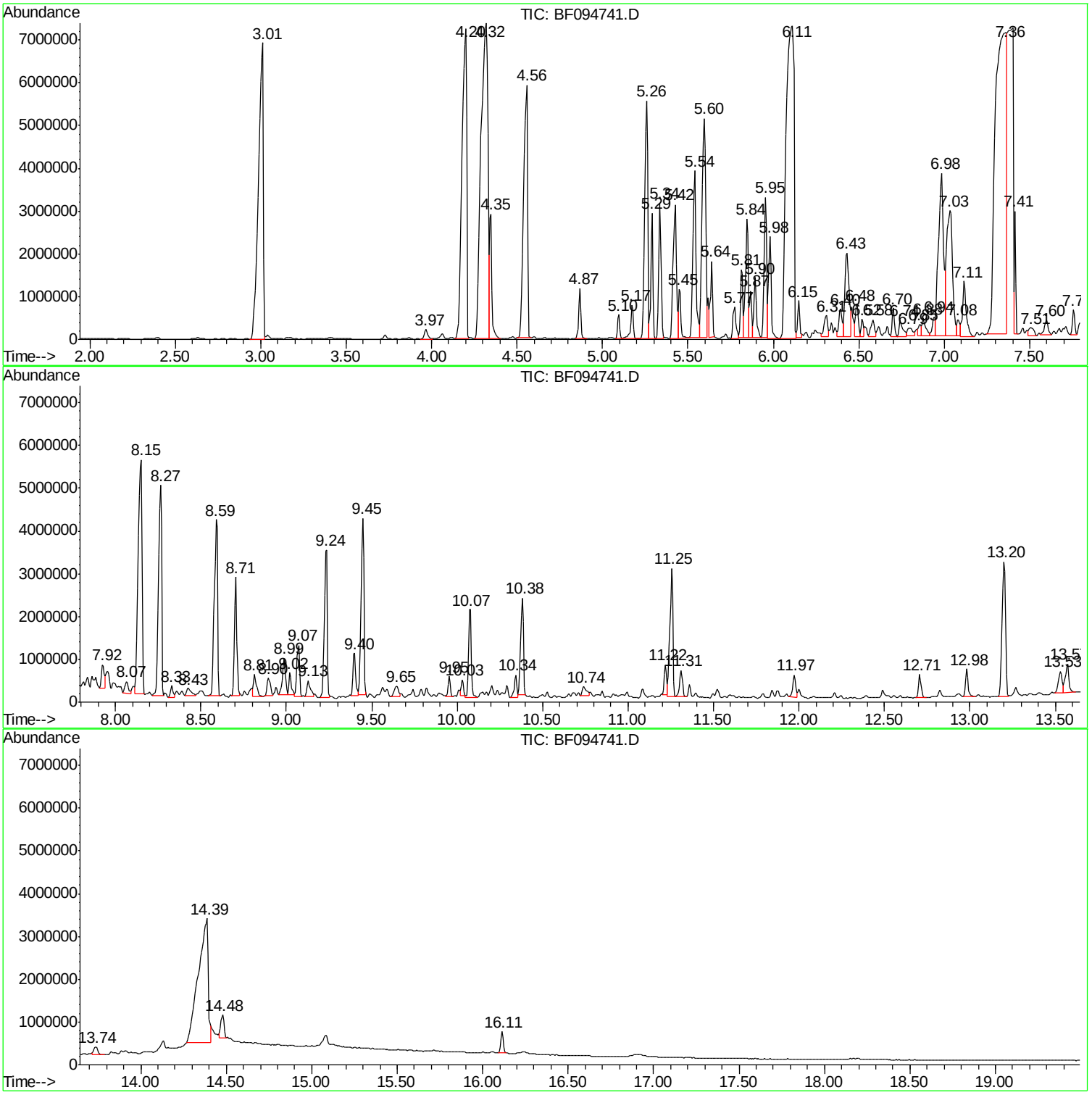
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094741.D
Acq On : 1 May 2017 4:41
Operator : SJ/MA
Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094741.D
Acq On : 1 May 2017 4:41
Operator : SJ/MA
Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

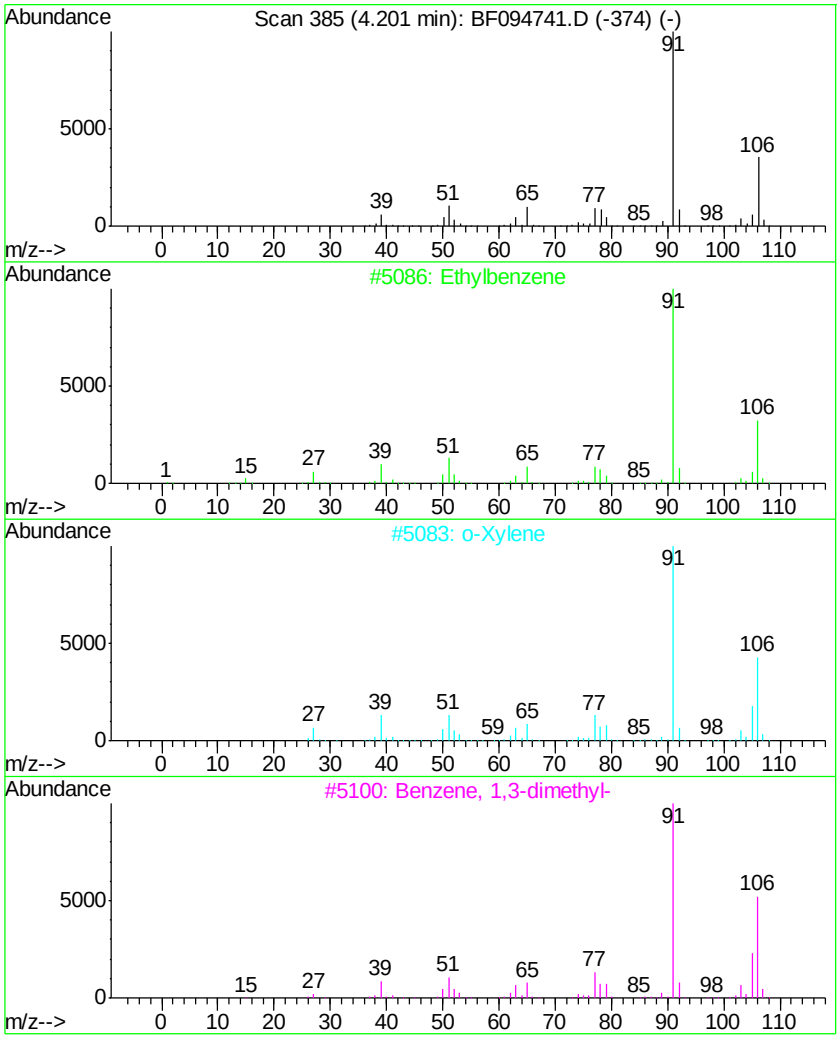
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

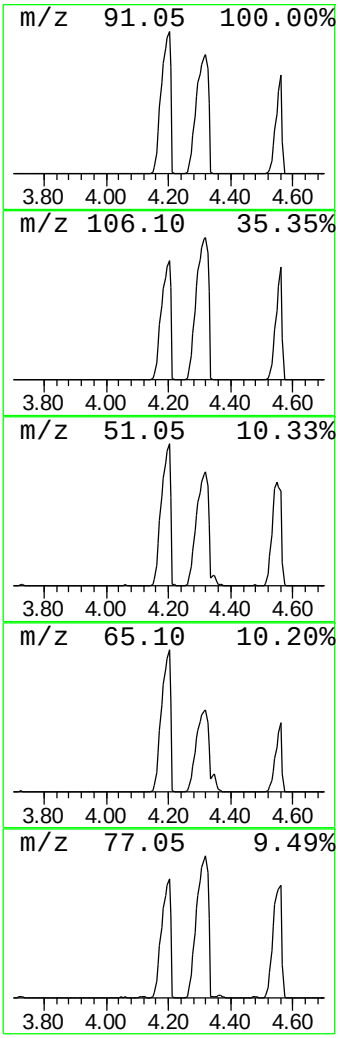
****

Peak Number 2 Ethylbenzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	389.58 ng	15070900	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	o-Xylene	106	C8H10	000095-47-6	81
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	76
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	74
5	p-Xylene	106	C8H10	000106-42-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094741.D
Acq On : 1 May 2017 4:41
Operator : SJ/MA
Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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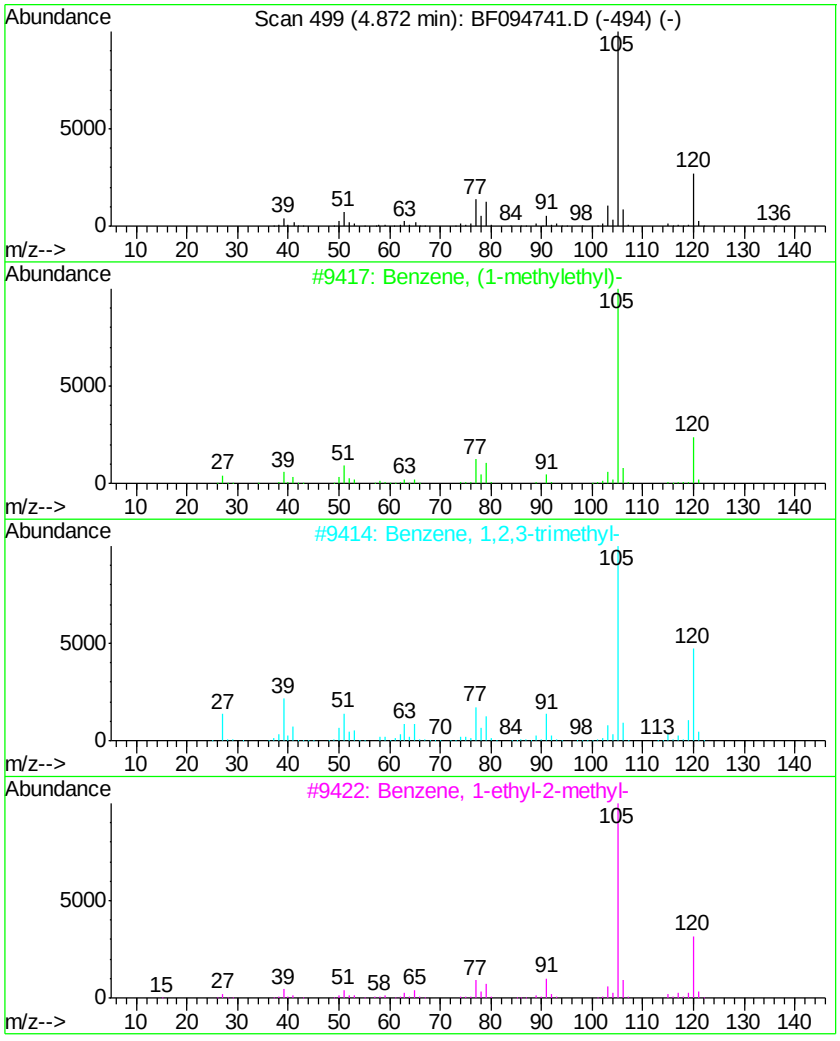
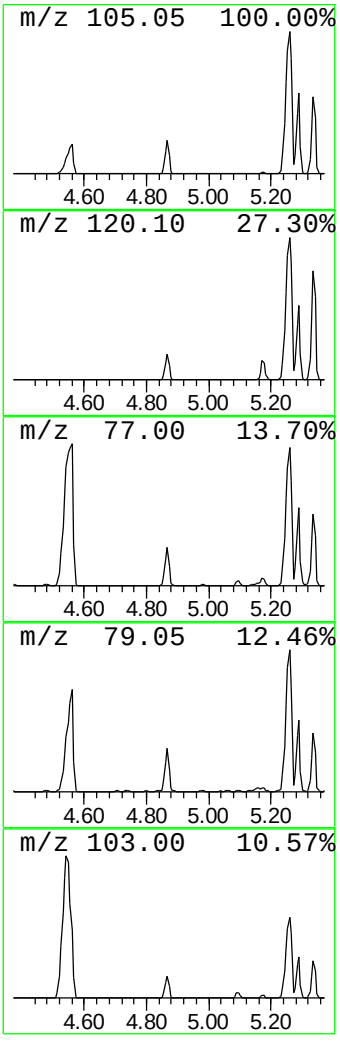
Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	27.17 ng	1050930	1,4-Dichlorobenzene-d4	5.77

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-2-methyl-	120	C9H12	000611-14-3	86
4	Mesitylene	120	C9H12	000108-67-8	83
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094741.D
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Operator : SJ/MA
Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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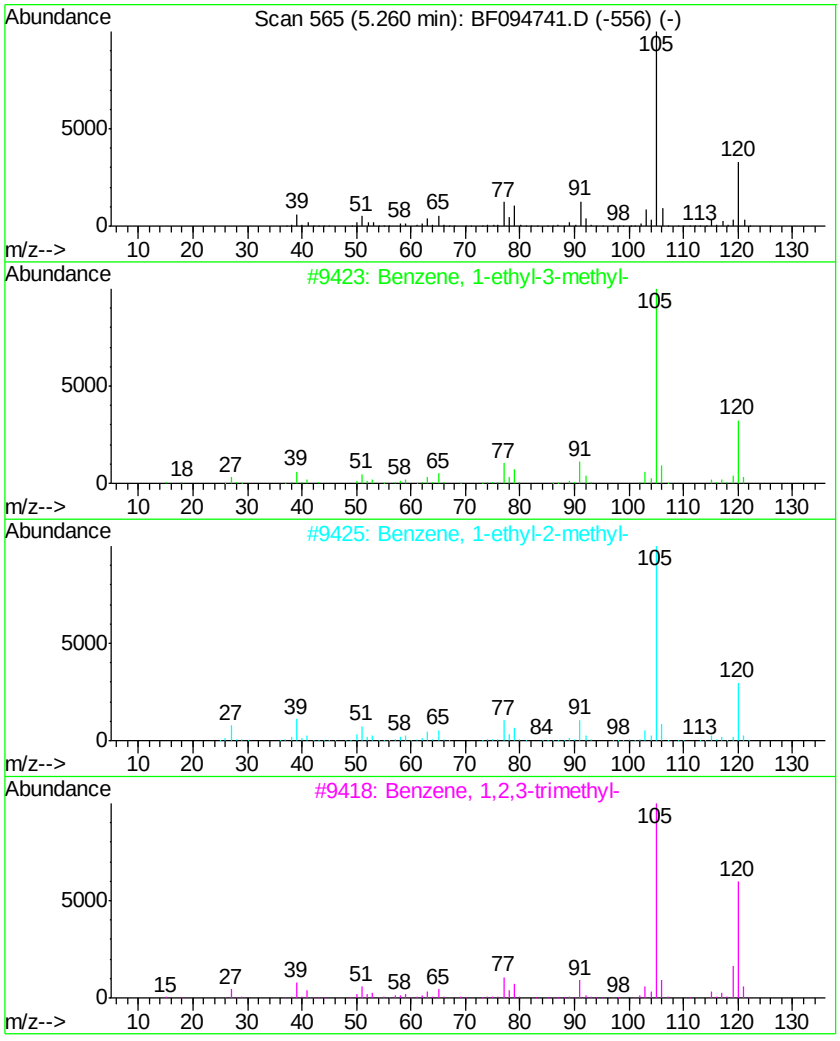
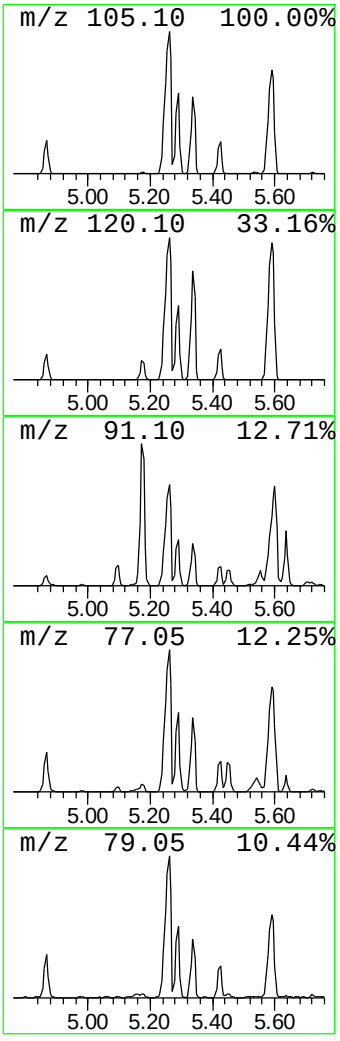
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	193.84 ng	7498450	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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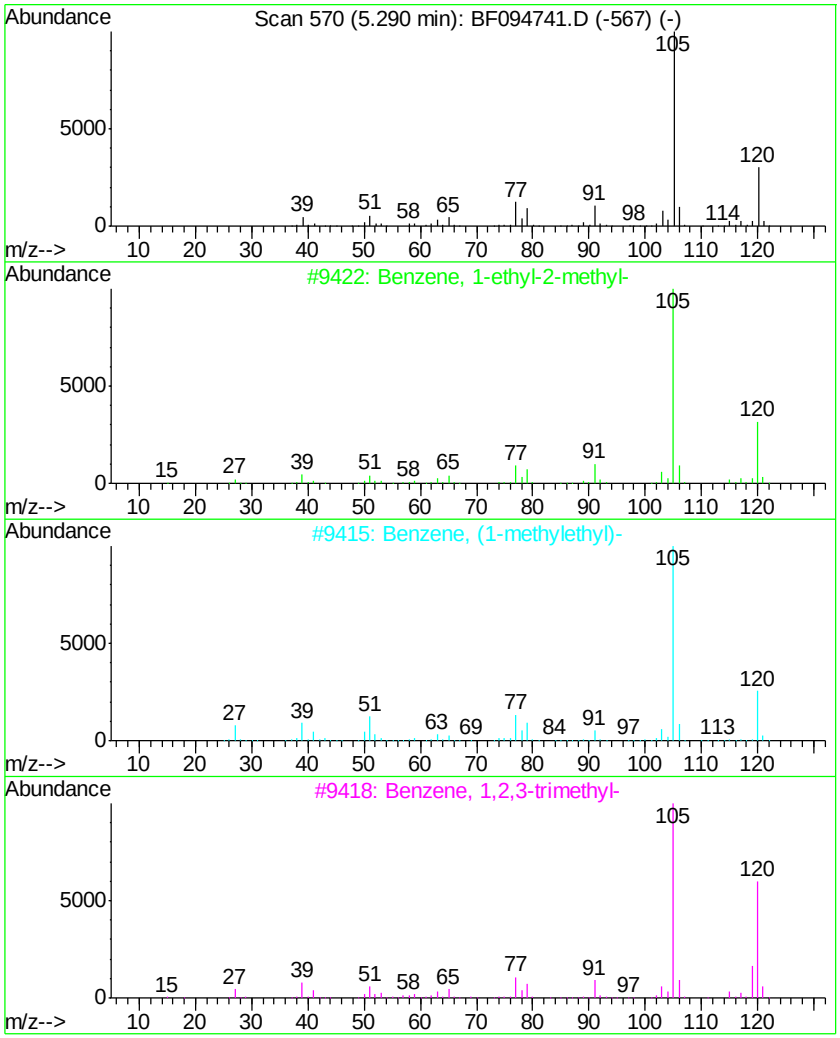
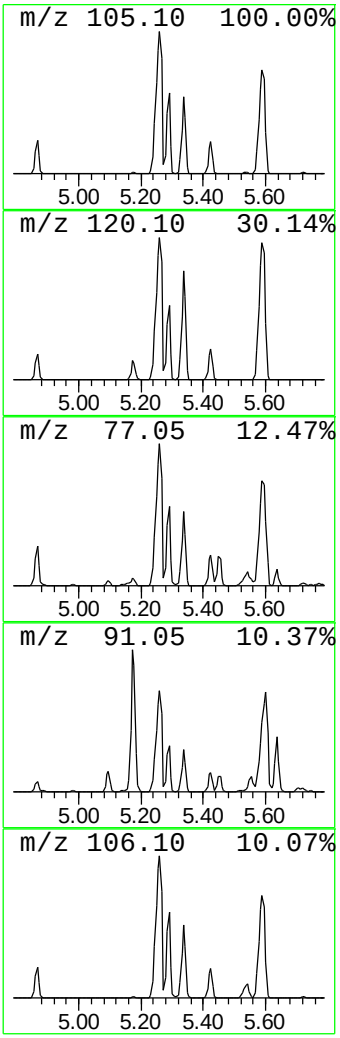
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	62.28 ng	2409320	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
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Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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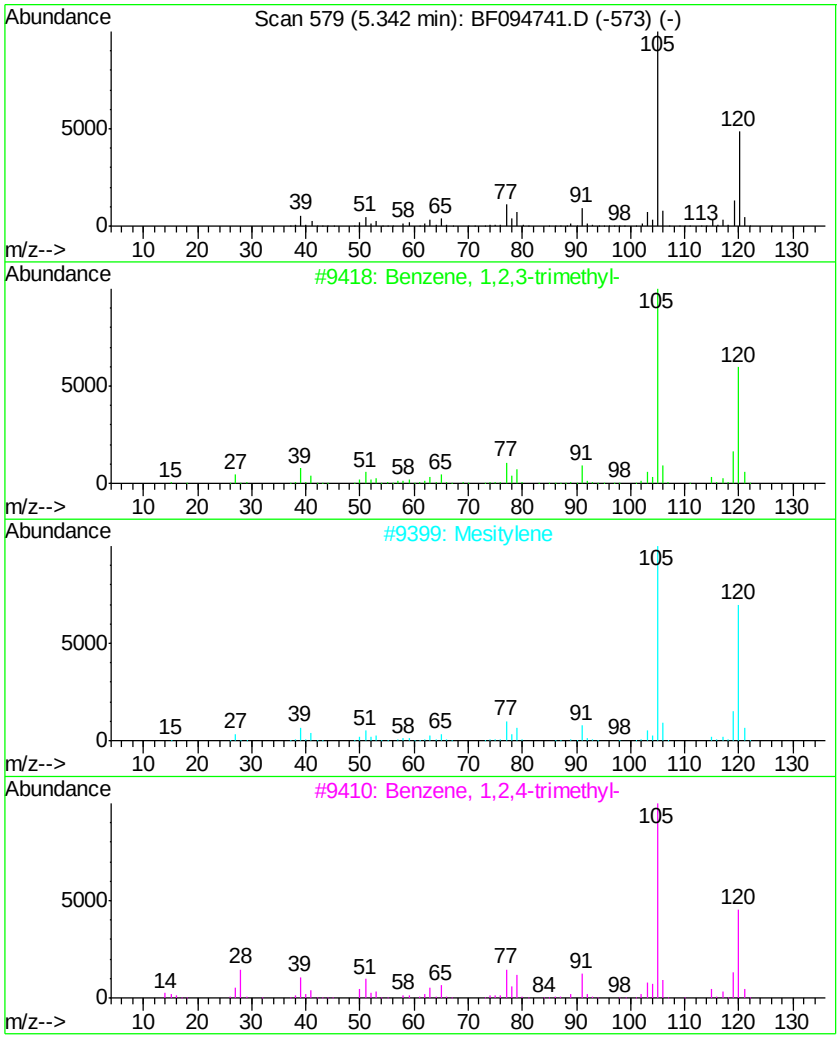
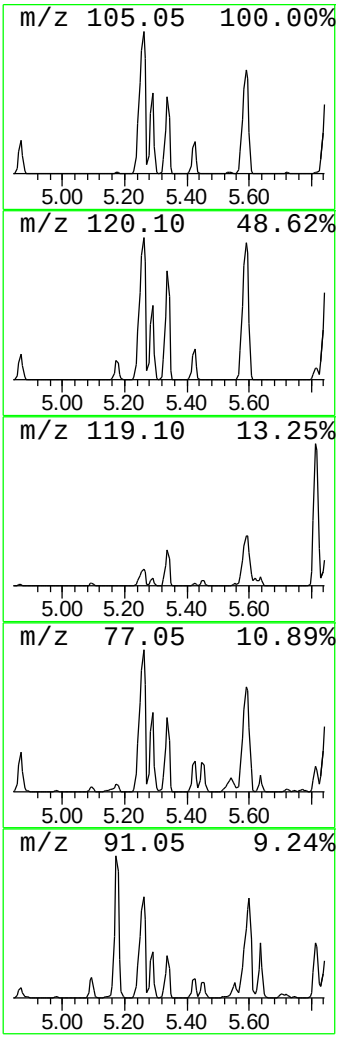
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	75.16 ng	2907560	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094741.D
Acq On : 1 May 2017 4:41
Operator : SJ/MA
Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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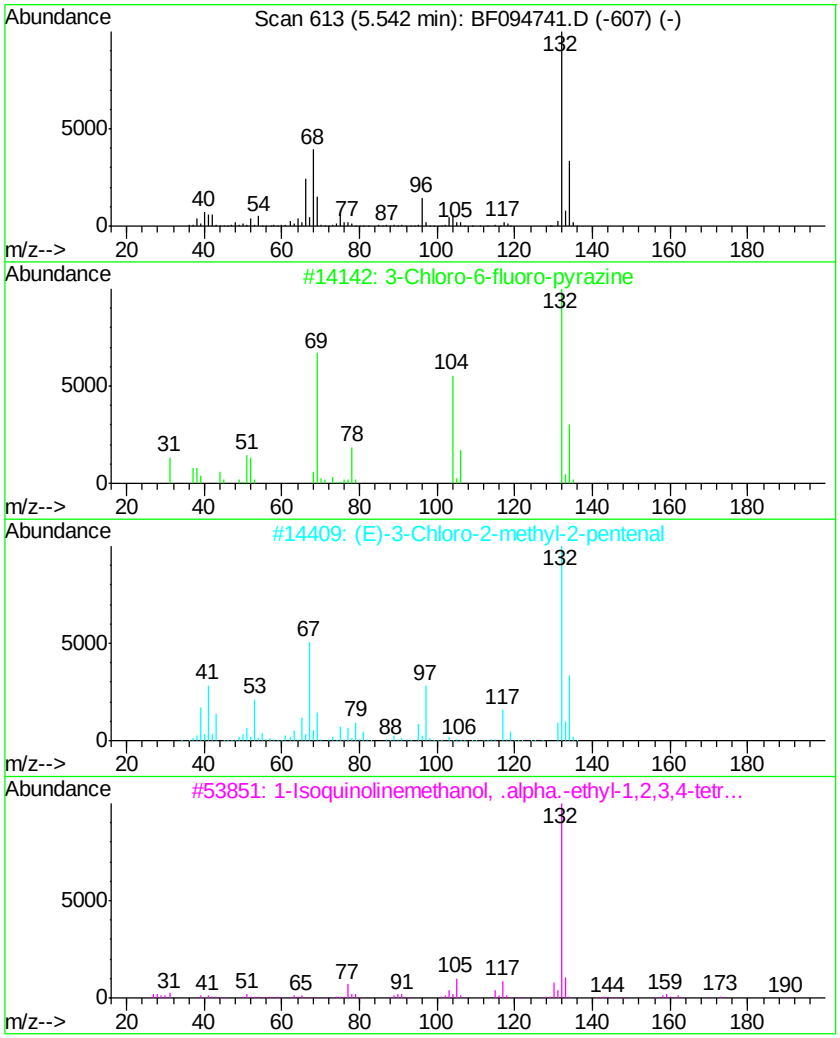
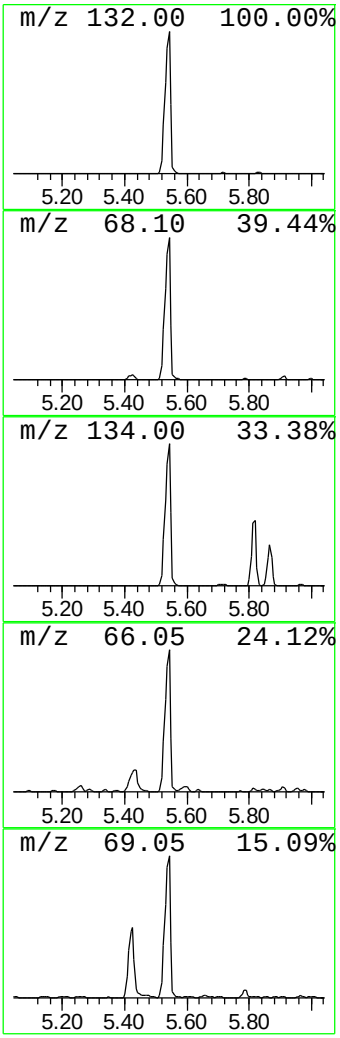
Peak Number 8 unknown5.54 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	134.77 ng	5213350	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	10
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Data File : BF094741.D
Acq On : 1 May 2017 4:41
Operator : SJ/MA
Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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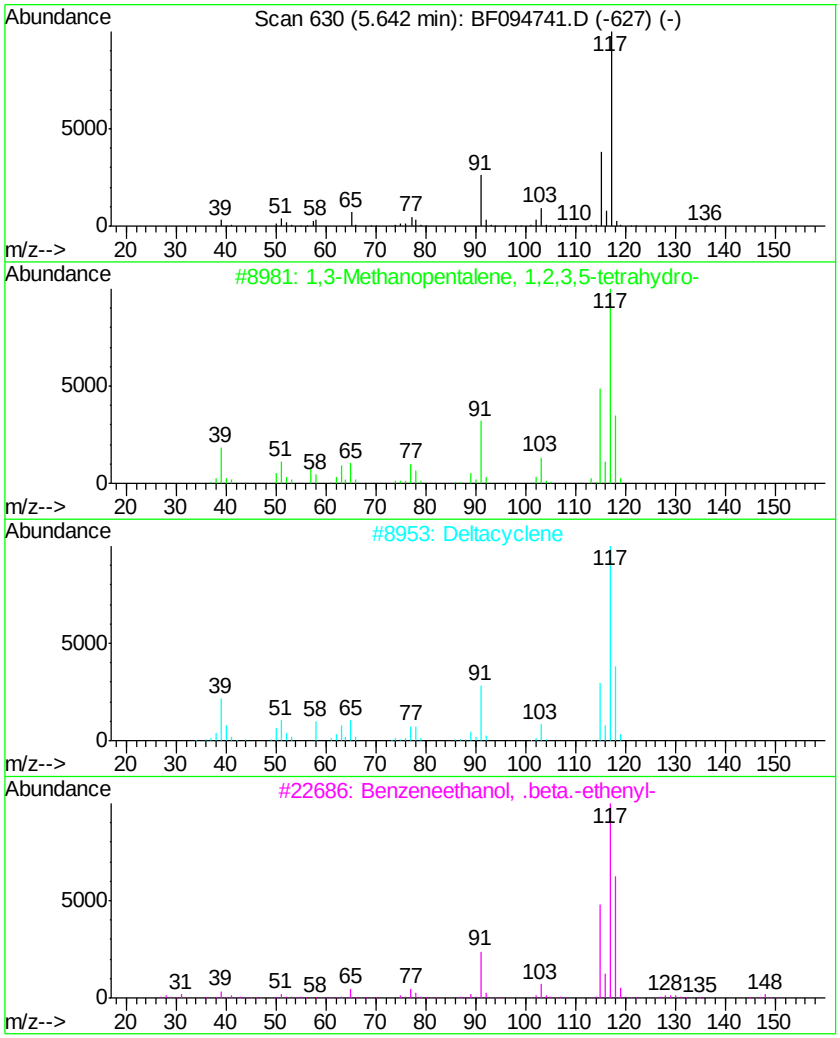
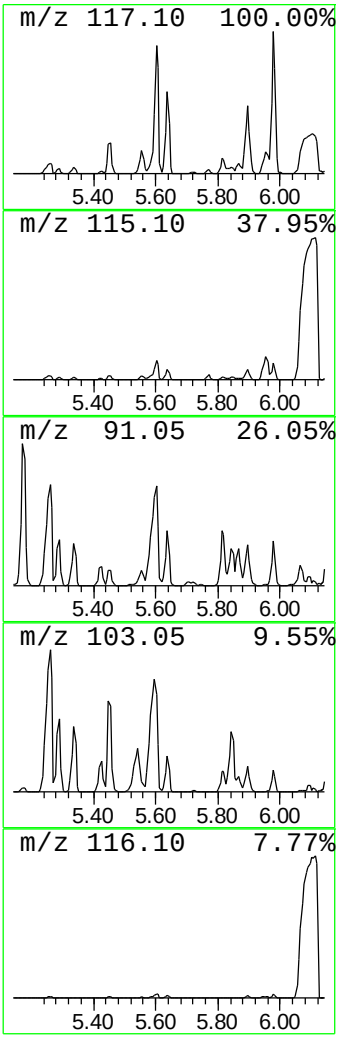
Peak Number 10 1,3-Methanopentalene, 1,2,3... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	35.02 ng	1354760	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	68
2	Deltacyclene	118	C9H10	007785-10-6	64
3	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	59
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	53
5	Indane	118	C9H10	000496-11-7	53





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Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

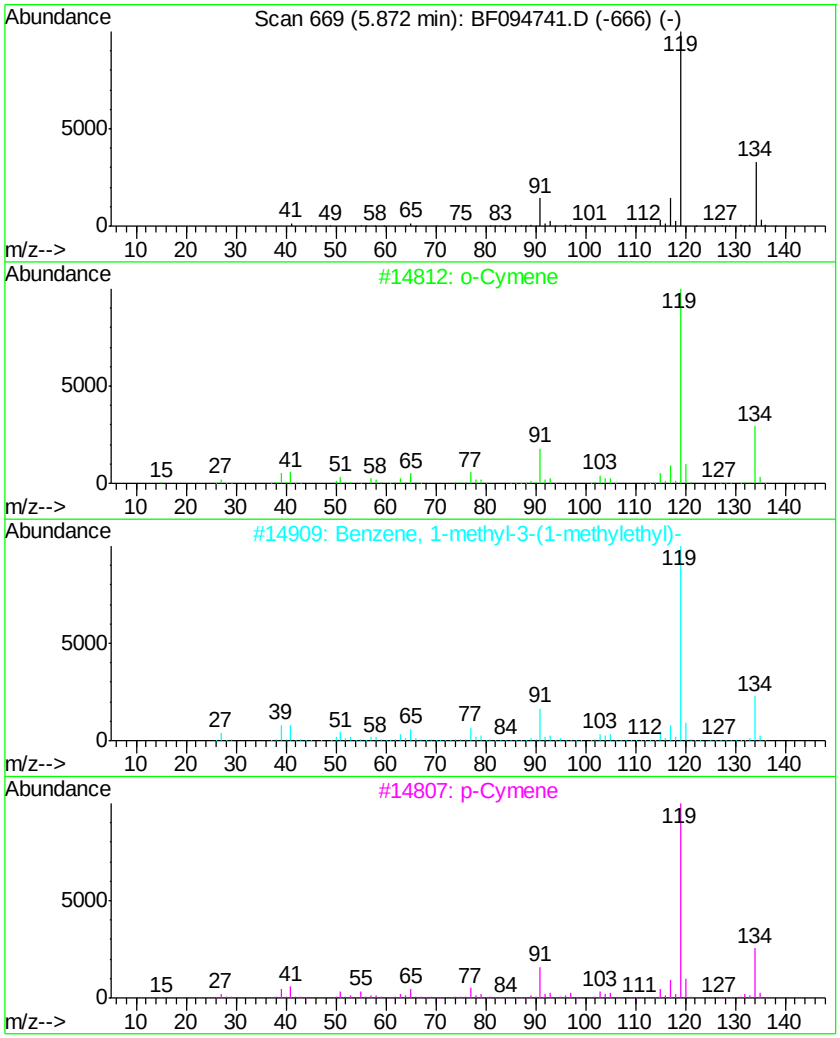
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

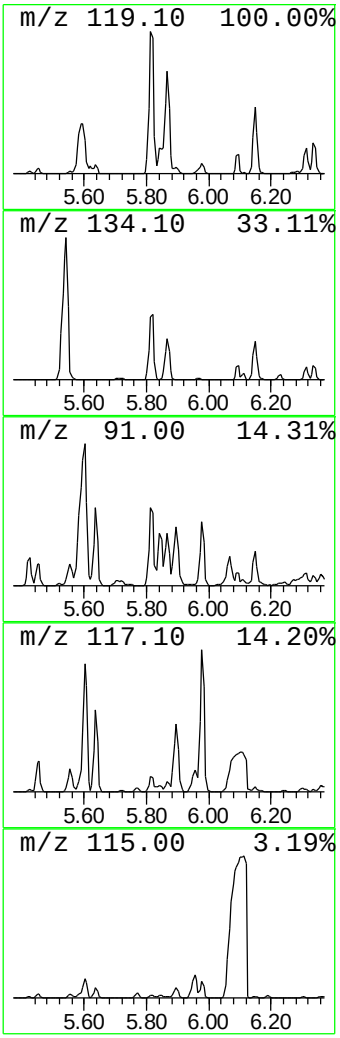
****

Peak Number 12 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	26.17 ng	1012440	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	p-Cymene	134	C10H14	000099-87-6	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80





Library Search Compound Report

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Operator : SJ/MA
Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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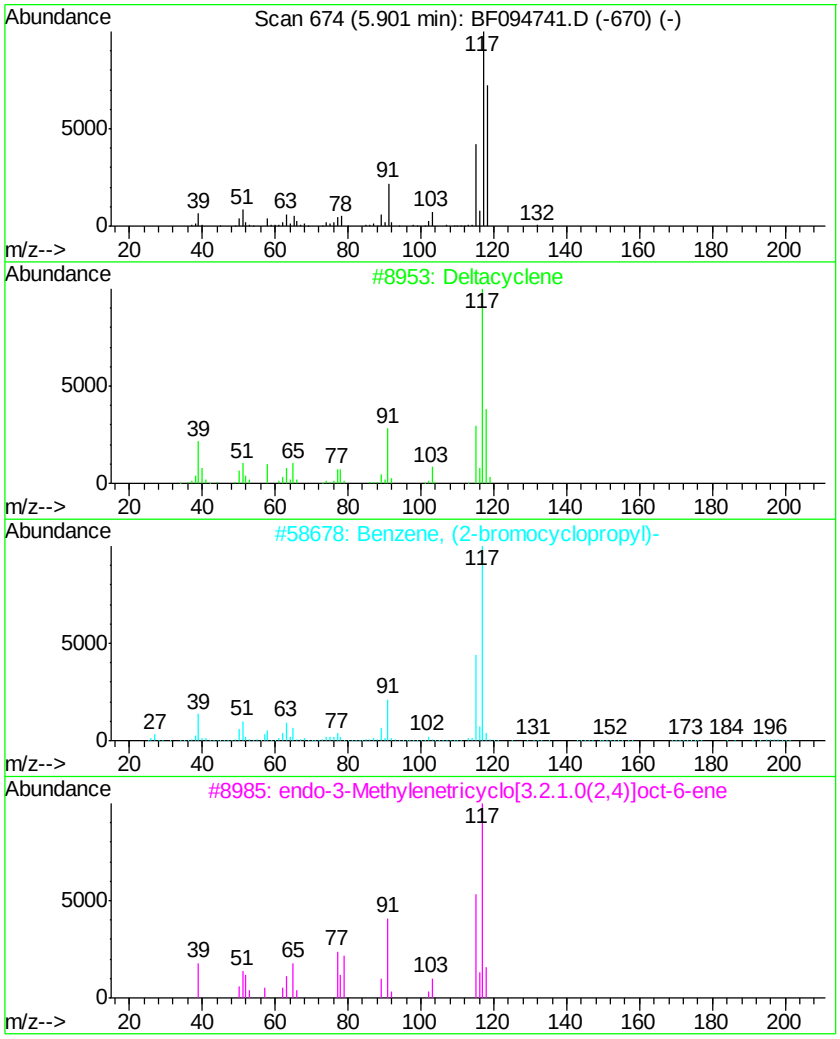
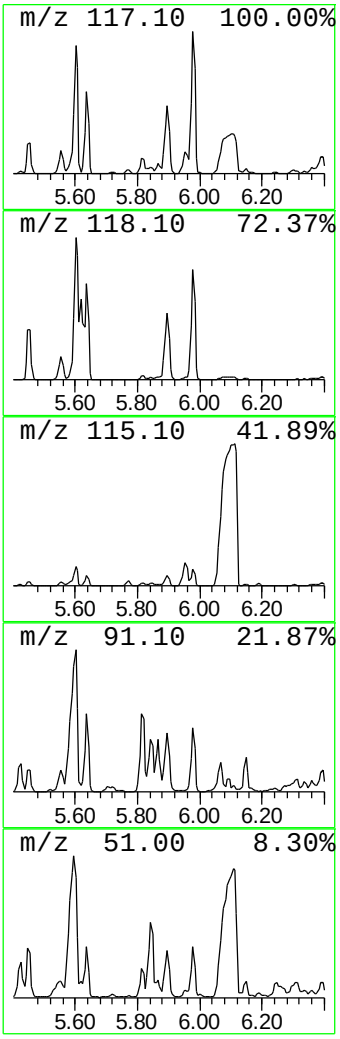
Peak Number 13 Deltacyclene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	38.95 ng	1506600	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	50
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	45
3	endo-3-Methylenetricyclo[3.2.1.0...	118	C9H10	1000139-15-5	43
4	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42
5	Indolizine	117	C8H7N	000274-40-8	38





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Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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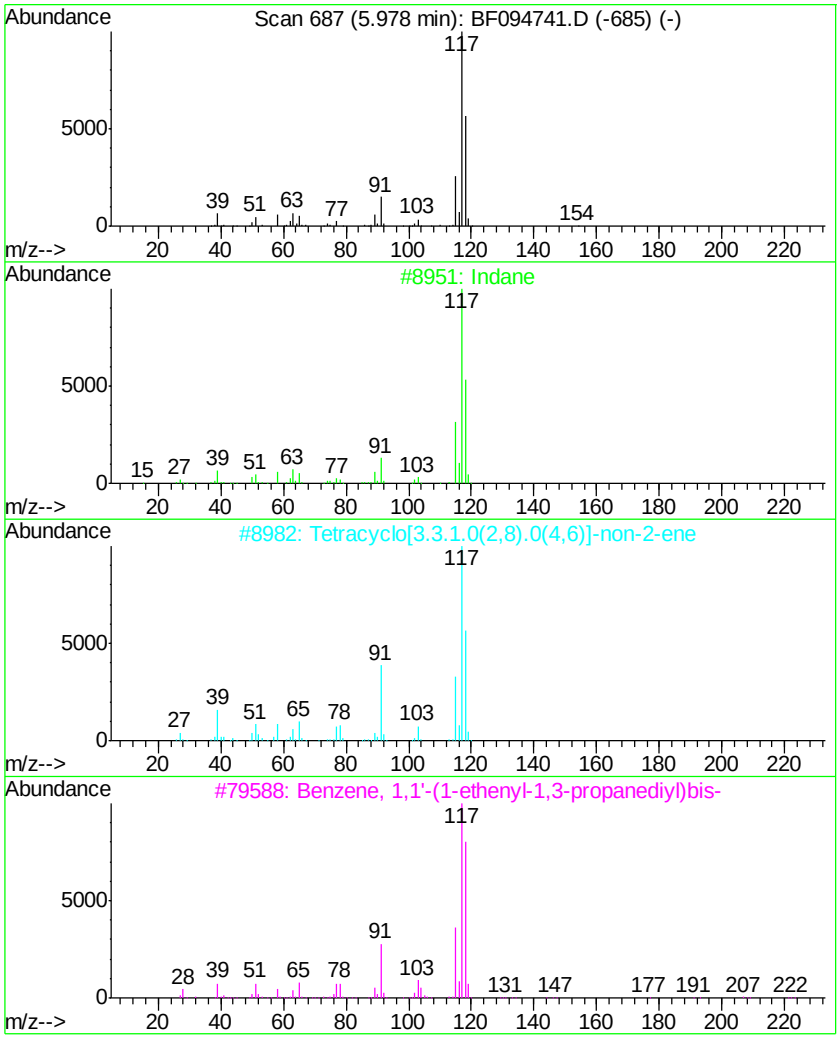
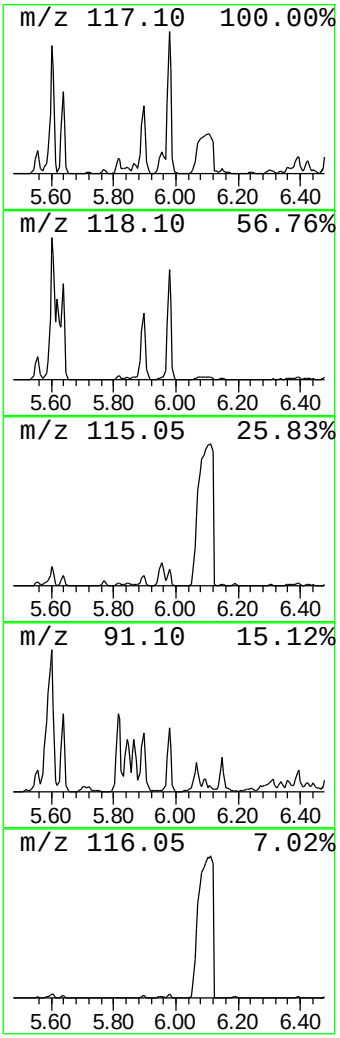
Peak Number 15 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	55.03 ng	2128750	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	59
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	53





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Acq On : 1 May 2017 4:41
Operator : SJ/MA
Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

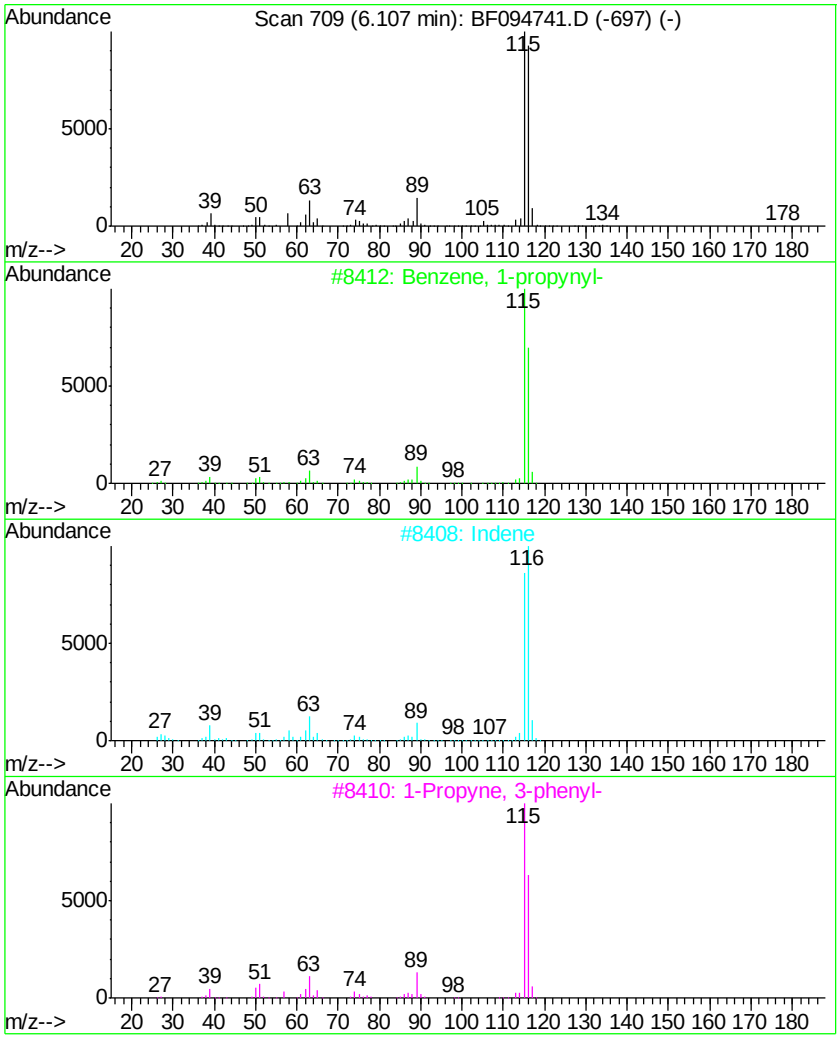
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

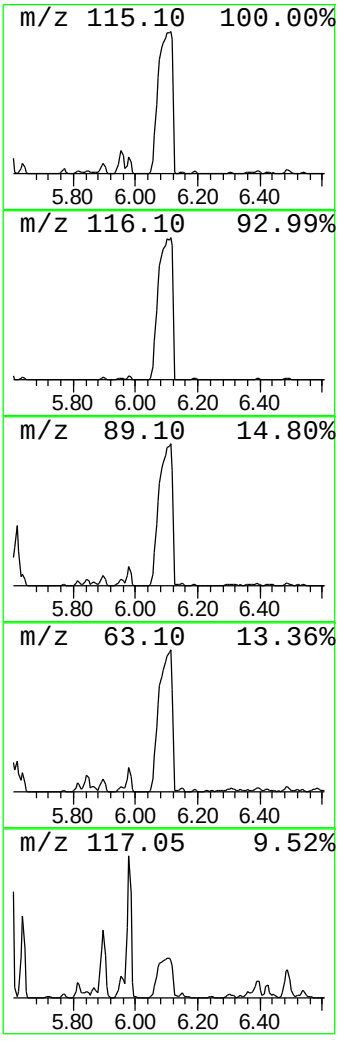
****

Peak Number 16 Benzene, 1-propynyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	592.39 ng	22916500	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	Indene	116	C9H8	000095-13-6	95
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Library Search Compound Report

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Data File : BF094741.D
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Operator : SJ/MA
Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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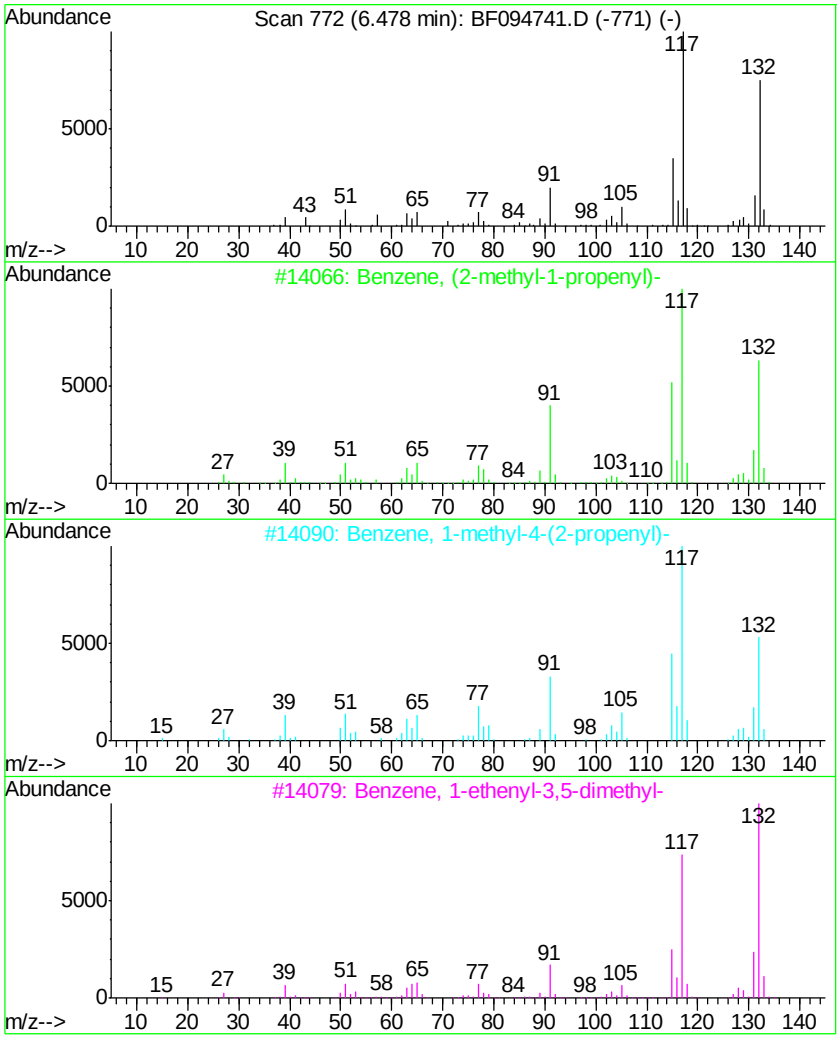
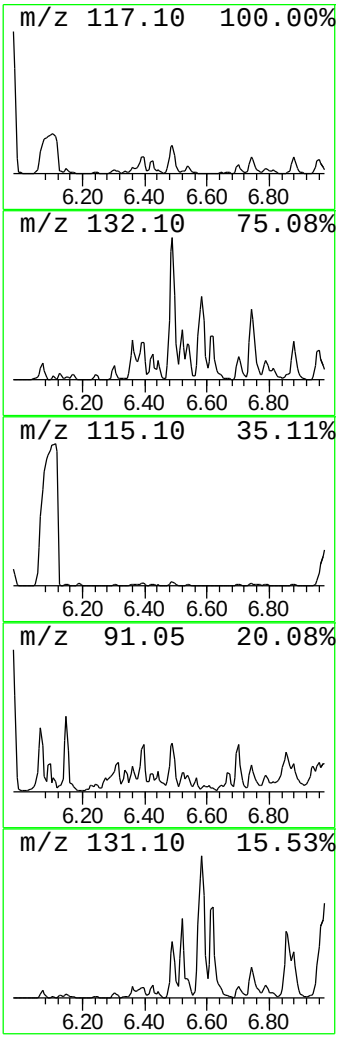
Peak Number 17 Benzene, (2-methyl-1-propen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	24.42 ng	944598	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94





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Operator : SJ/MA
Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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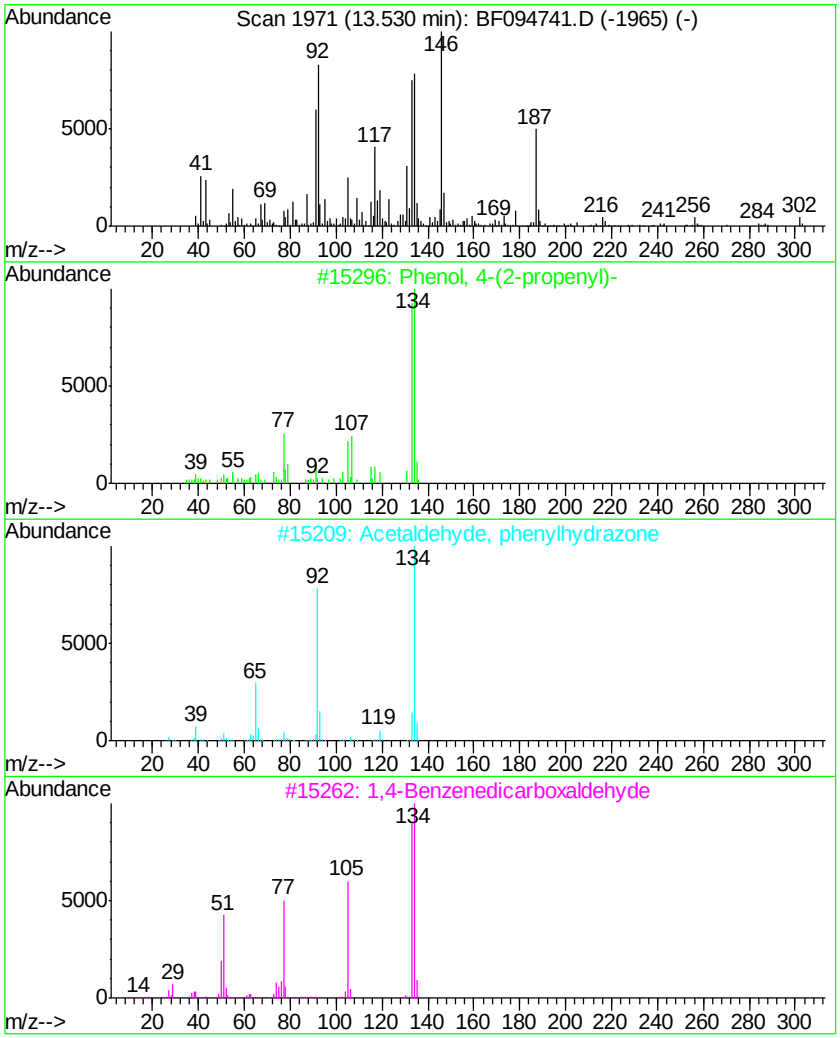
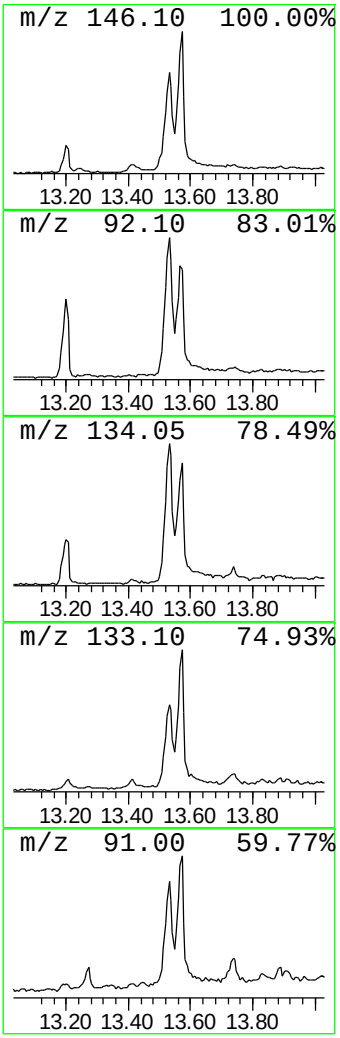
Peak Number 18 unknown13.53 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	26.99 ng	842195	Chrysene-d12	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	30
2	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	27
3	1,4-Benzenedicarboxaldehyde	134	C8H6O2	000623-27-8	22
4	Benzaldehyde, 2,5-dimethyl-	134	C9H10O	005779-94-2	22
5	Cyclobutanecarboxylic acid, 2-ad...	234	C15H22O2	1000282-88-4	22





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Operator : SJ/MA
Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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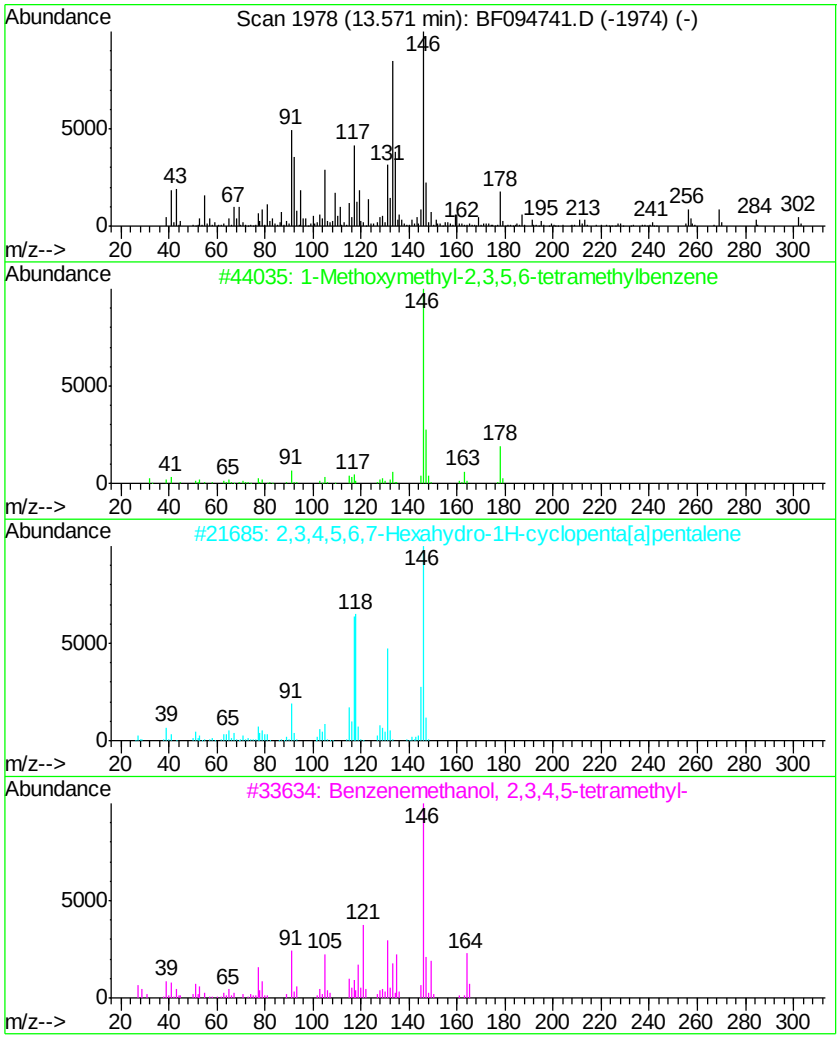
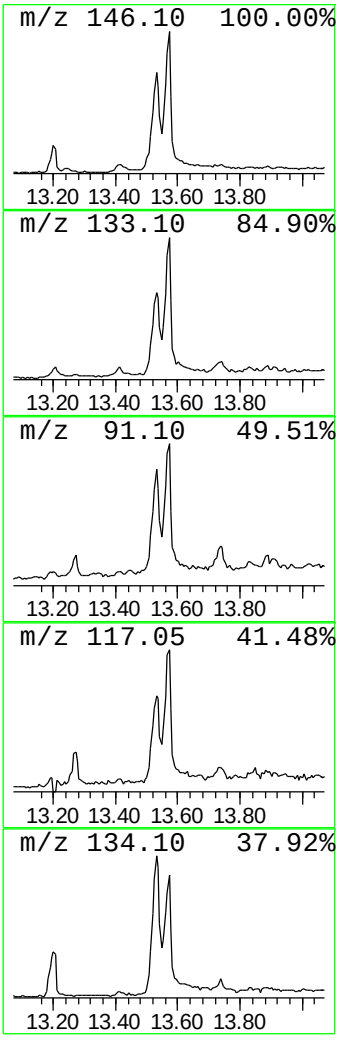
Peak Number 19 1-Methoxymethyl-2,3,5,6-tet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	29.37 ng	916346	Chrysene-d12	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxymethyl-2,3,5,6-tetramet...	178	C12H18O	018922-11-7	53
2	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	45
3	Benzenemethanol, 2,3,4,5-tetrame...	164	C11H16O	020020-94-4	35
4	N-(Isochroman-1-ylmethyl)-2-fura...	257	C15H15NO3	050683-69-7	27
5	Glutaric acid monoamide, N-(1,2,...	359	C22H33NO3	1000360-20-9	22





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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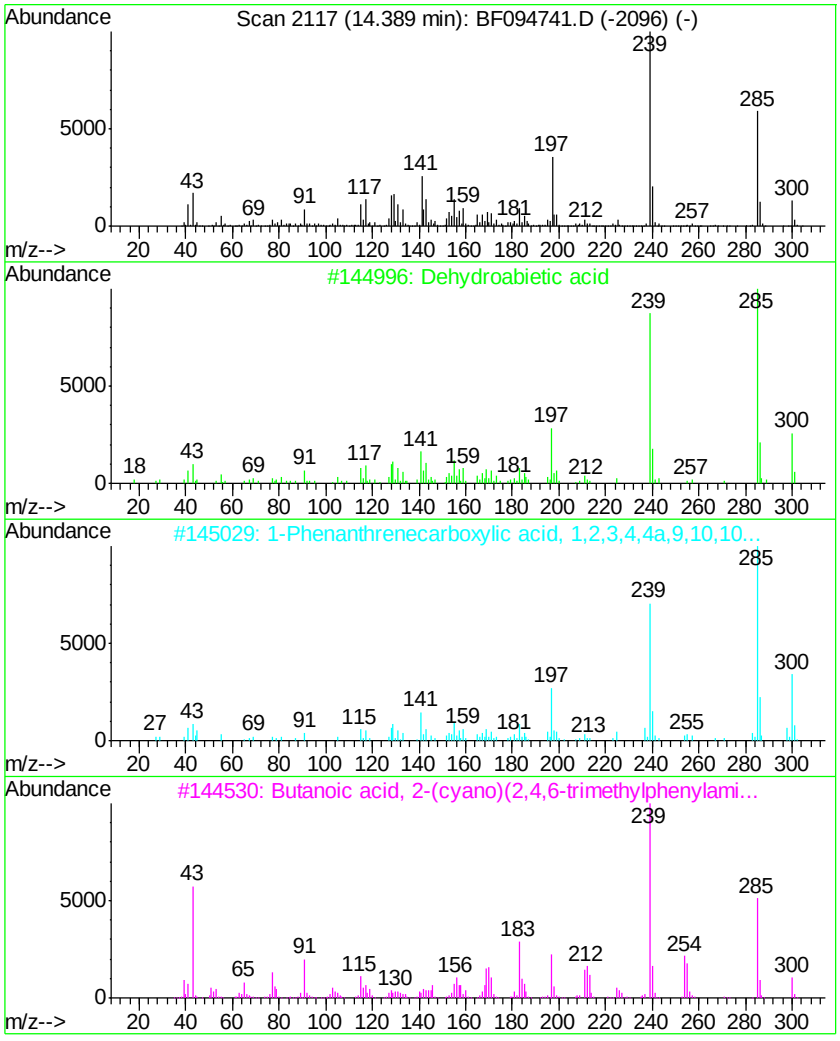
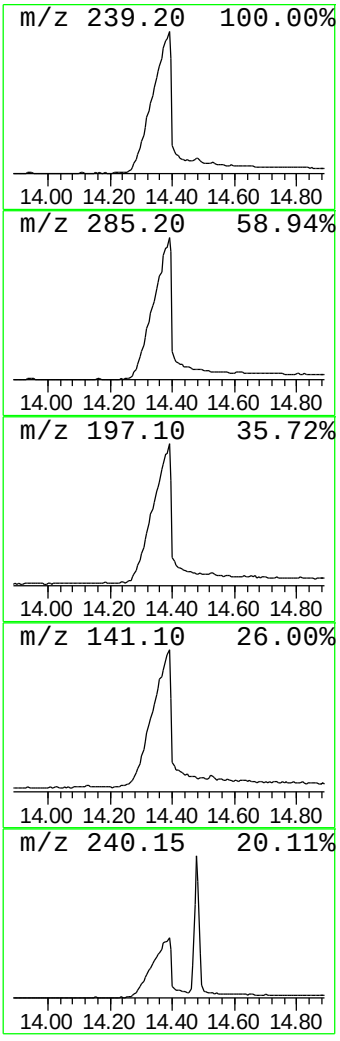
Peak Number 20 Dehydroabietic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	378.79 ng	11818300	Chrysene-d12	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	87
3	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	76
4	Kaura-9(11),16-dien-18-oic acid,...	300	C20H28O2	022338-67-6	72
5	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	47





Tentatively Identified Compound (LSC) summary

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Operator : SJ/MA
Sample : I2902-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethylbenzene	4.20	389.6	ng	15070900	1	5.77	773690	20.0
Benzene, (1-methy...	4.87	27.2	ng	1050930	1	5.77	773690	20.0
Benzene, 1-ethyl-...	5.26	193.8	ng	7498450	1	5.77	773690	20.0
Benzene, 1-ethyl-...	5.29	62.3	ng	2409320	1	5.77	773690	20.0
Benzene, 1,2,3-tr...	5.34	75.2	ng	2907560	1	5.77	773690	20.0
unknown5.54	5.54	134.8	ng	5213350	1	5.77	773690	20.0
1,3-Methanopental...	5.64	35.0	ng	1354760	1	5.77	773690	20.0
o-Cymene	5.87	26.2	ng	1012440	1	5.77	773690	20.0
Deltacyclene	5.90	39.0	ng	1506600	1	5.77	773690	20.0
Indane	5.98	55.0	ng	2128750	1	5.77	773690	20.0
Benzene, 1-propynyl-	6.11	592.4	ng	22916500	1	5.77	773690	20.0
Benzene, (2-methy...	6.48	24.4	ng	944598	1	5.77	773690	20.0
unknown13.53	13.53	27.0	ng	842195	5	14.48	623996	20.0
1-Methoxymethyl-2...	13.57	29.4	ng	916346	5	14.48	623996	20.0
Dehydroabietic acid	14.39	378.8	ng	11818300	5	14.48	623996	20.0