LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

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-BF060416.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	1.770	15	16	26	rVB	260250	610212	3.36%	0.283%
2	1.907	26	28	46	rVB	2670744	4671648	25.70%	2.168%
3	2.856	103	111	115	rVB	229357	497173	2.73%	0.231%
4	3.896	198	202	205	rBV	146763	248617	1.37%	0.115%
5	5.050	300	303	307	rBV	97672	196116	1.08%	0.091%
6	5.324	324	327	330	rBV	3564198	4394246	24.17%	2.039%
7	5.462	334	339	343	rBV	5263772	18179289	100.00%	8.436%
8	5.724	356	362	365	rBV2	5291630	15716963	86.46%	7.293%
9	6.022	387	388	391	rVB	558561	683421	3.76%	0.317%
10	6.250	405	408	412	rBV	696953	877513	4.83%	0.407%
11	6.319	412	414	418	rBV	1129524	1650324	9.08%	0.766%
12	6.399	418	421	422	rBV	2556395	4311158	23.71%	2.001%
13	6.422	422	423	425	rVB	2159884	2491418	13.70%	1.156%
14	6.479	425	428	432	rVB2	3658257	6362448	35.00%	2.952%
15	6.559	432	435	436	rBV	1864785	3141443	17.28%	1.458%
16	6.639	439	442	444	rBV	1354938	2168400	11.93%	1.006%
17	6.719	444	449	451	rBV2	4543323	14383860	79.12%	6.675%
18	6.753	451	452	455	rVB	3982845	4038924	22.22%	1.874%
19	6.879	460	463	465	rBV	371680	639319	3.52%	0.297%
20	6.936	465	468	470	rBV	3019726	6345746	34.91%	2.945%
21	6.982	470	472	475	rVB2	1512367	2904817	15.98%	1.348%
22	7.062	475	479	482	rVB2	2169968	6008428	33.05%	2.788%
23	7.142	482	486	487	rBV	4749317	11456725	63.02%	5.317%
24	7.233	493	494	496	rVB	203456	195632	1.08%	0.091%
25	7.279	496	498	499	rBV	205297	283152	1.56%	0.131%
26	7.336	501	503	505	rVV2	362679	635338	3.49%	0.295%
27	7.439	507	512	515	rVV2	1106746	3567418	19.62%	1.655%
28	7.496	515	517	519	rVV	573881	986621	5.43%	0.458%
29	7.576	522	524	526	rVB2	260270	382212	2.10%	0.177%
30	7.679	528	533	535	rBV	794723	1898467	10.44%	0.881%
31	7.839	544	547	549	rBV	271492	435836	2.40%	0.202%
32	7.930	549	555	557	rBV3	4607627	16131128	88.73%	7.486%
33	8.422	597	598	600	rVB2	238959	186065	1.02%	0.086%
34	8.525	602	607	609	rBV	347861	751180	4.13%	0.349%

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Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

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-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.605	612	614	615	rVV	723699	1007632	5.54%	0.468%
36	8.673	617	620	622	rVB	802293	1428469	7.86%	0.663%
37	8.719	622	624	626	rBV2	242961	396485	2.18%	0.184%
38	8.753	626	627	630	rVV2	226417	410181	2.26%	0.190%
39	8.833	630	634	635	rVV2	731288	1277265	7.03%	0.593%
40	8.902	635	640	642	rVV	4848231	16172639	88.96%	7.505%
41	8.936	642	643	644	rVV	714977	603151	3.32%	0.280%
42	9.005	644	649	651	rVB	4907141	12374362	68.07%	5.742%
43	9.050	651	653	656	rVB	200652	310991	1.71%	0.144%
44	9.131	656	660	665	rVB5	63932	212579	1.17%	0.099%
45	9.233	665	669	671	rBV	3820873	3821463	21.02%	1.773%
46	9.336	674	678	680	rBV	3477331	3670042	20.19%	1.703%
47	9.382	680	682	684	rBV2	375551	492796	2.71%	0.229%
48	9.428	684	686	688	rVB	508487	723700	3.98%	0.336%
49	9.496	688	692	693	rBV	1236003	1694545	9.32%	0.786%
50	9.565	696	698	699	rVV	2161226	2317448	12.75%	1.075%
51	9.588	699	700	702	rVV2	941977	1147135	6.31%	0.532%
52	9.622	702	703	706	rVB2	888768	1085327	5.97%	0.504%
53	9.679	706	708	713	rBV2	1056569	1503479	8.27%	0.698%
54	9.771	713	716	718	rBV	3900032	3979118	21.89%	1.847%
55	9.908	723	728	729	rBV2	987291	1572525	8.65%	0.730%
56	9.931	729	730	732	rVV2	946672	1183978	6.51%	0.549%
57	9.965	732	733	738	rVB3	172509	194445	1.07%	0.090%
58	10.102	743	745	747	rVB2	383757	376984	2.07%	0.175%
59	10.216	753	755	756	rBV2	185530	281835	1.55%	0.131%
60	10.353	765	767	768	rVB	293200	272203	1.50%	0.126%
61	10.411	768	772	774	rBV3	262123	522229	2.87%	0.242%
62	10.445	774	775	778	rVB	1776744	2393406	13.17%	1.111%
63	10.559	782	785	788	rVV2	193309	329609	1.81%	0.153%
64	10.628	788	791	793	rVB	196012	221752	1.22%	0.103%
65	10.685	793	796	799	rVB3	1956834	2726944	15.00%	1.265%
66	10.811	802	807	811	rBV2	386847	499792	2.75%	0.232%
67	10.891	811	814	819	rVB	312483	506953	2.79%	0.235%
68	10.982	819	822	827	rBV2	104831	270661	1.49%	0.126%
69	11.188	837	840	842	rVB	153557	221276	1.22%	0.103%
70	11.279	846	848	850	rVV	240069	255294	1.40%	0.118%
71	11.382	854	857	858	rVV	1238200	1331090	7.32%	0.618%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3345-03
Misc :
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Instrument : BNA_F
ClientSampleId : MW-11C

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-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.405	858	859	861	rVV	2292020	2311212	12.71%	1.073%
73	11.451	861	863	865	rVB2	272005	394388	2.17%	0.183%
74	11.496	865	867	869	rBV	251053	270480	1.49%	0.126%
75	11.611	874	877	879	rBV	539958	569790	3.13%	0.264%
76	11.828	894	896	899	rBV	500732	516840	2.84%	0.240%
77	11.908	902	903	906	rVV3	267948	354319	1.95%	0.164%
78	11.988	908	910	914	rVB	213665	311796	1.72%	0.145%
79	12.811	979	982	986	rBV	190550	360008	1.98%	0.167%
80	12.971	993	996	999	rBV	3098511	3455285	19.01%	1.603%
81	14.011	1084	1087	1089	rBV	1080164	1006935	5.54%	0.467%
82	15.440	1209	1212	1215	rBV	598329	721629	3.97%	0.335%

Sum of corrected areas: 215493722

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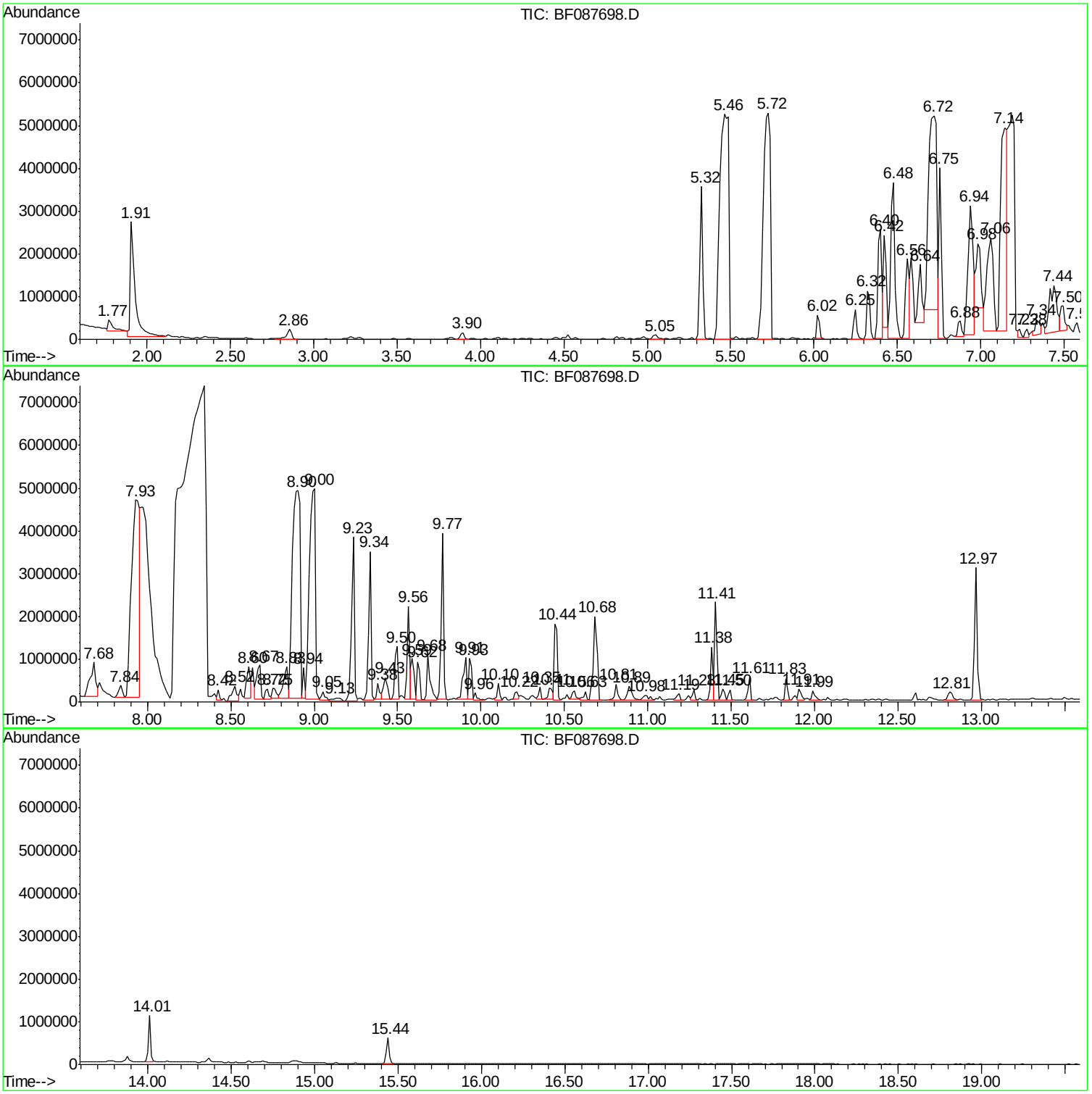
Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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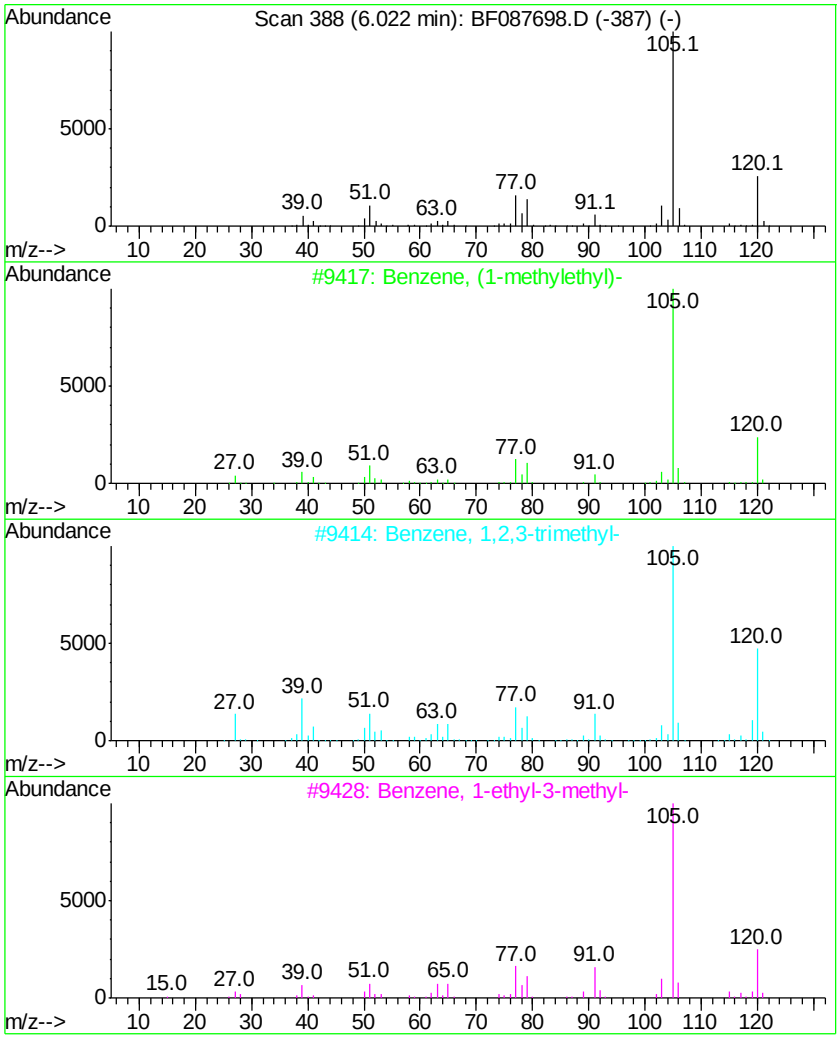
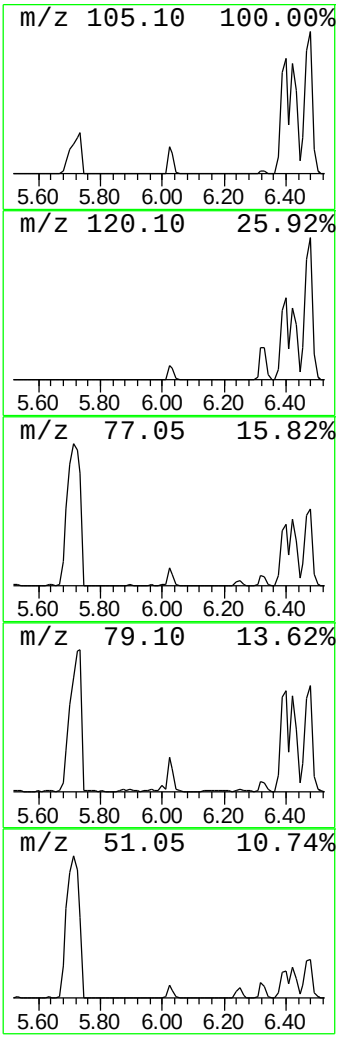
Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	21.38 ng	683421	1,4-Dichlorobenzene-d4	6.88

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-3-methyl-	120	C9H12	000620-14-4	83
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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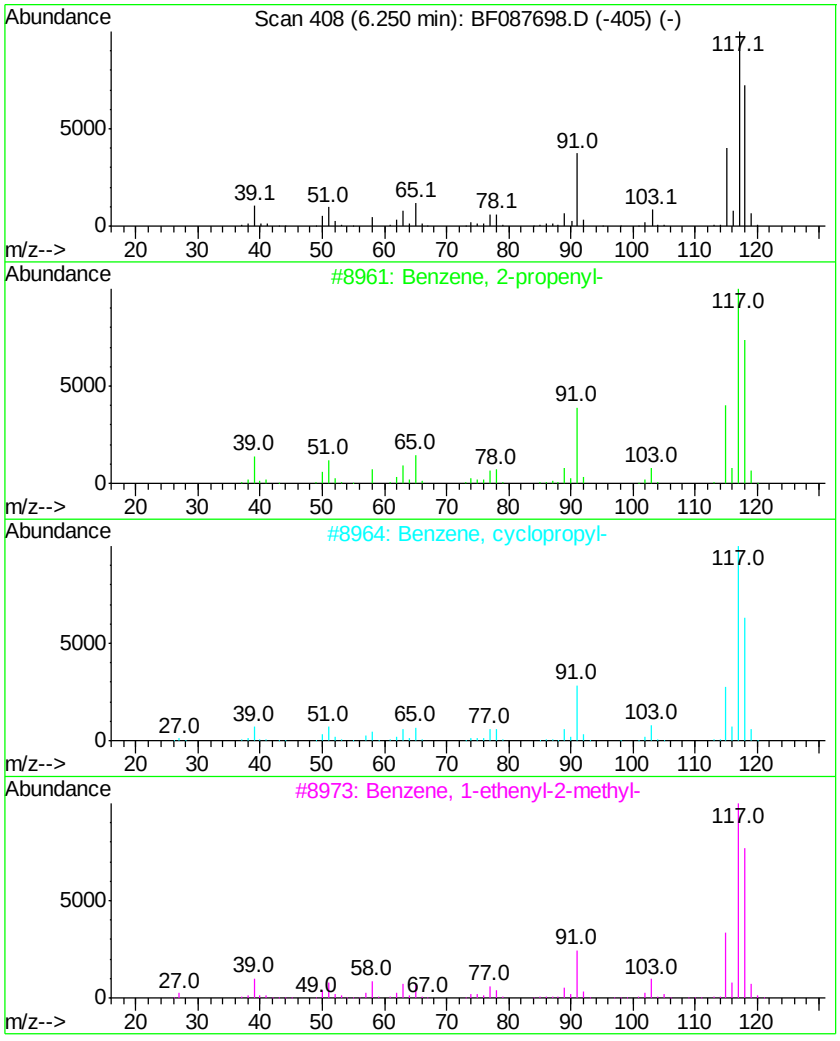
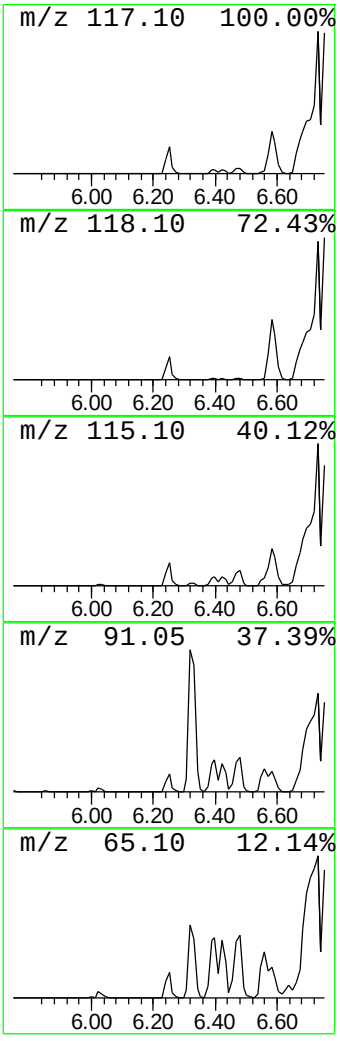
Peak Number 5 Benzene, 2-propenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	27.45 ng	877513	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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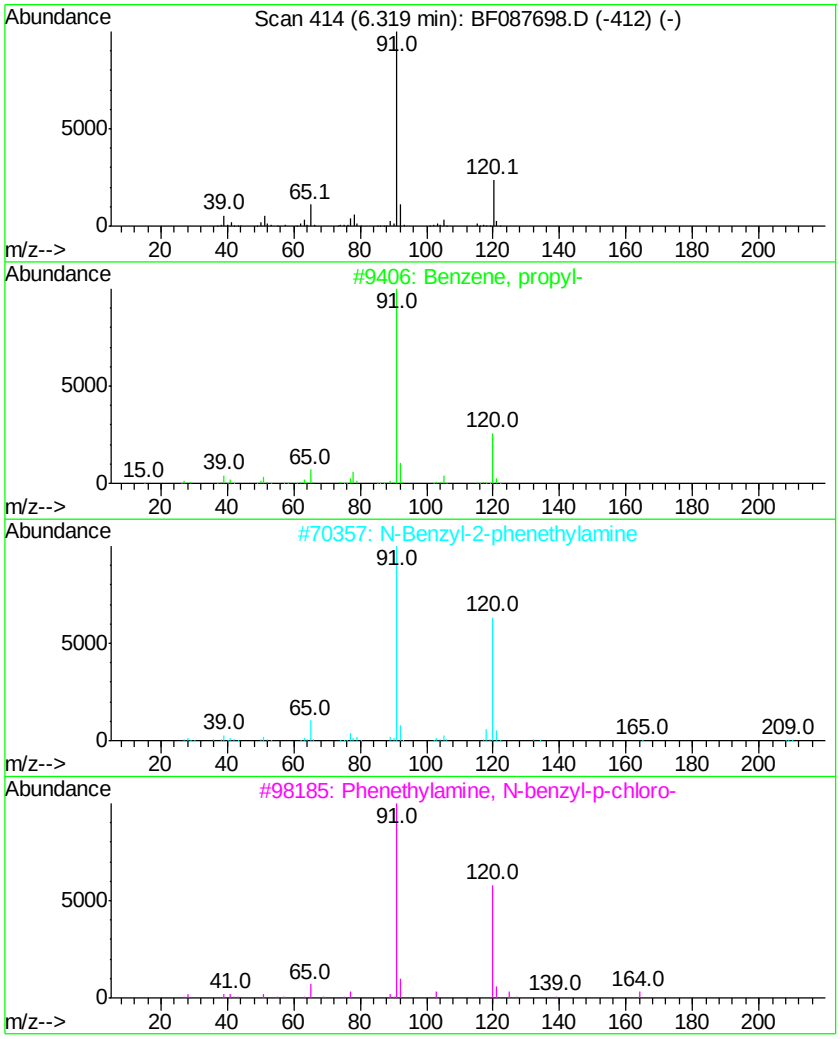
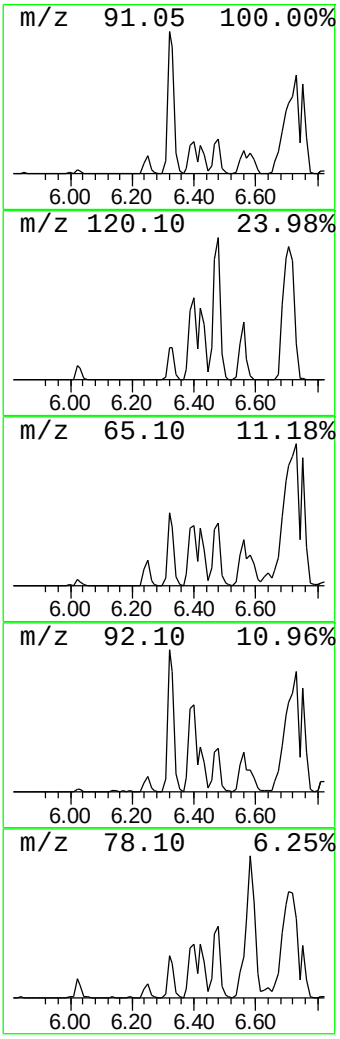
Peak Number 6 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	51.63 ng	1650320	1,4-Dichlorobenzene-d4	6.88

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	83
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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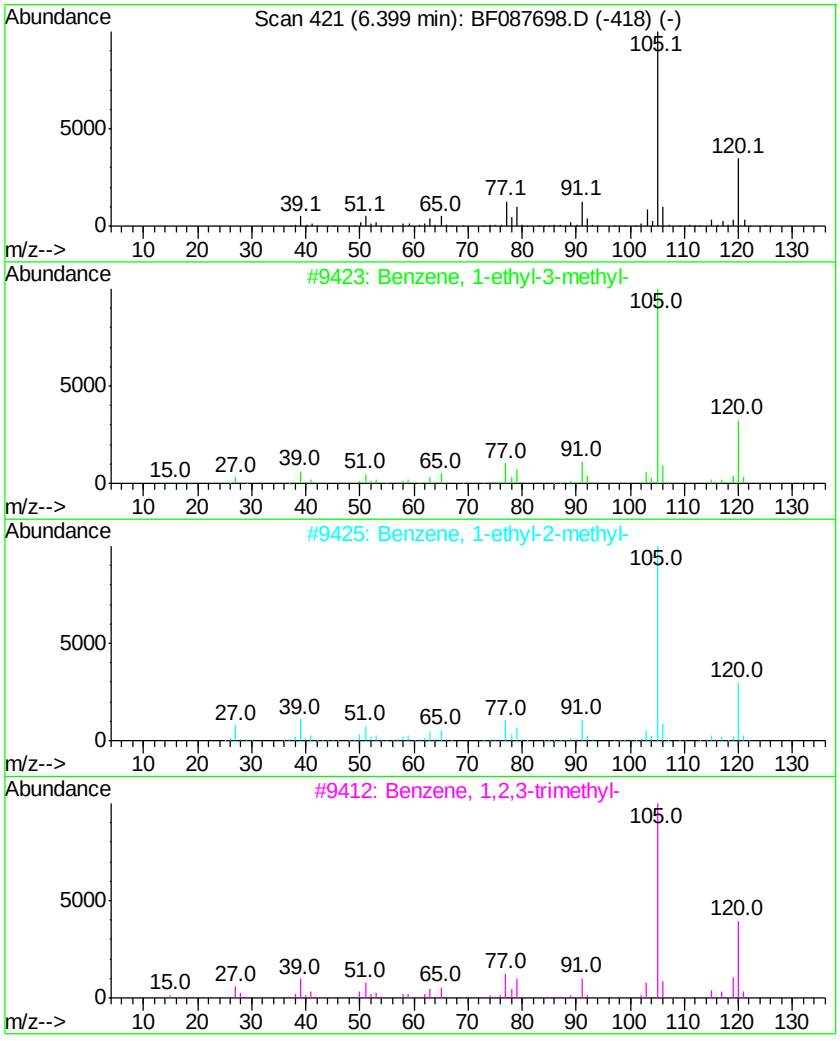
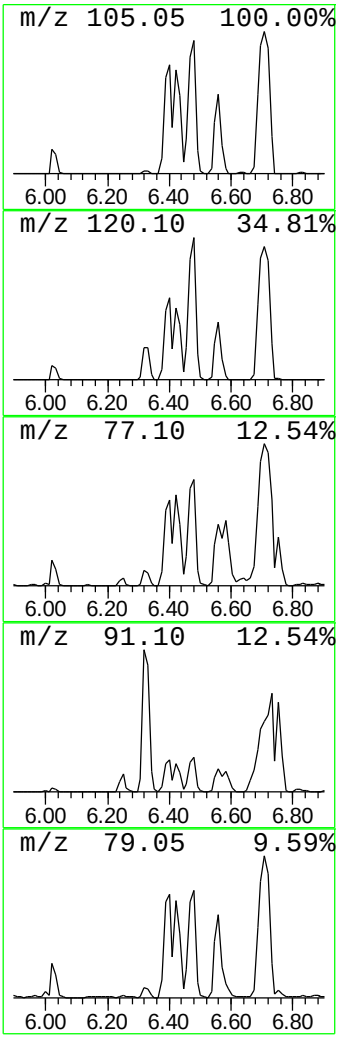
Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	134.87 ng	4311160	1,4-Dichlorobenzene-d4	6.88

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





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Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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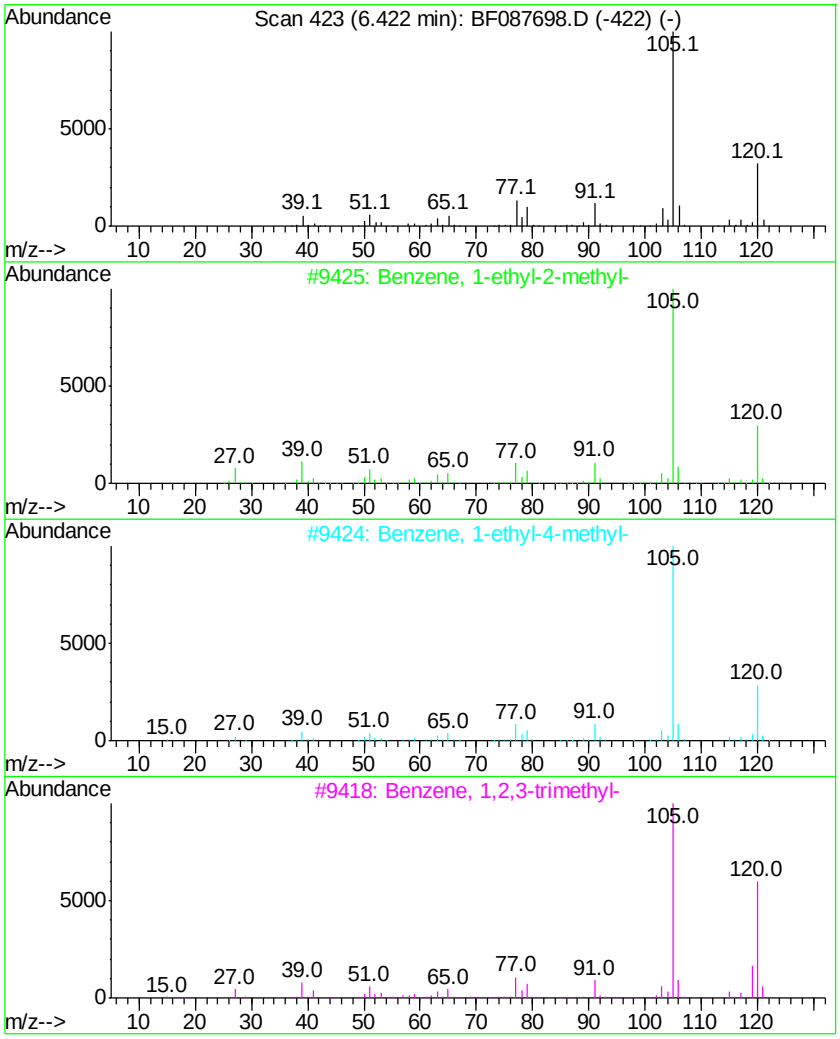
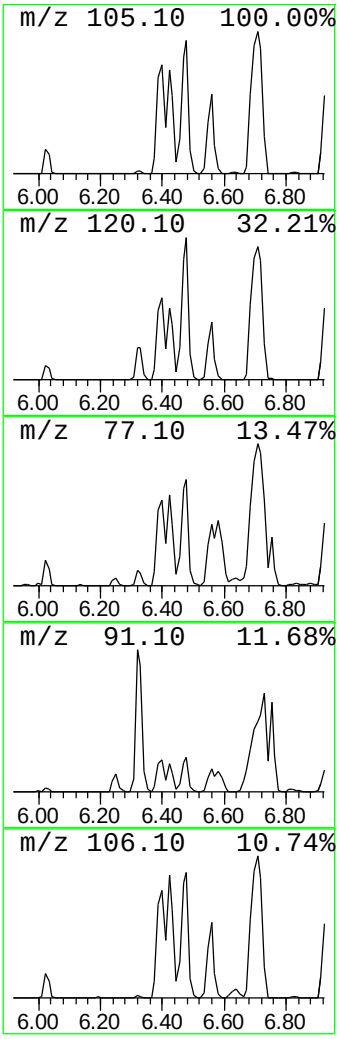
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	77.94 ng	2491420	1,4-Dichlorobenzene-d4	6.88

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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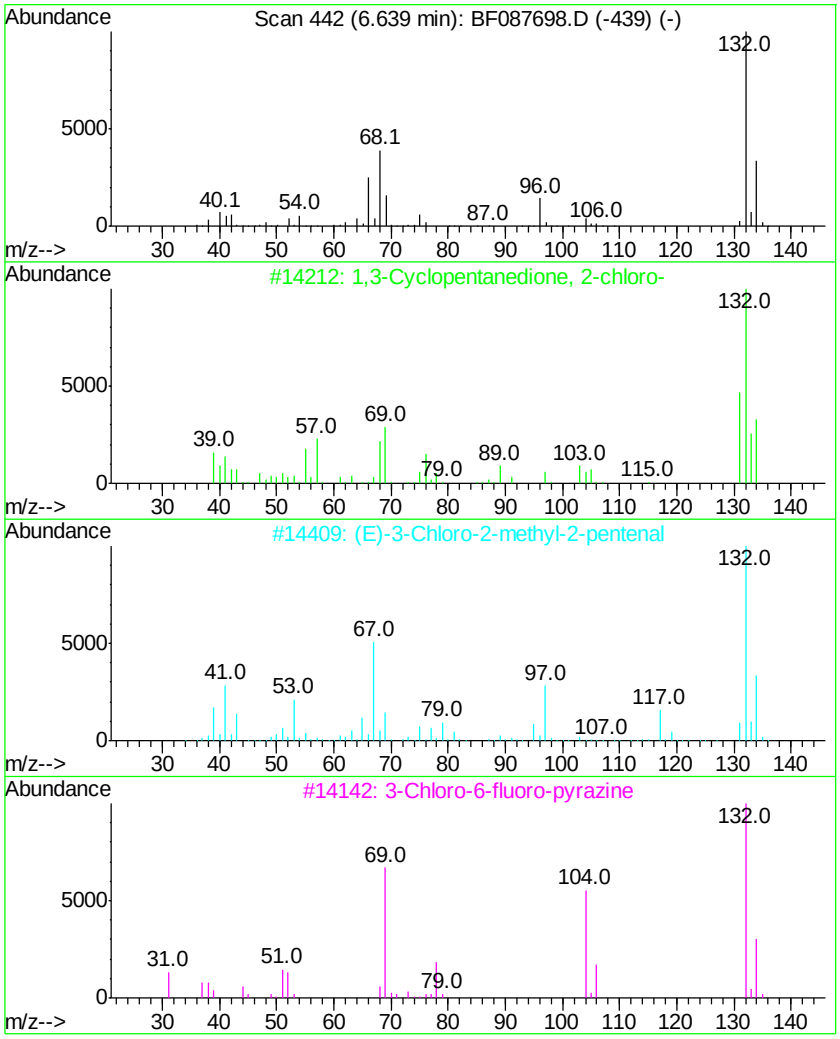
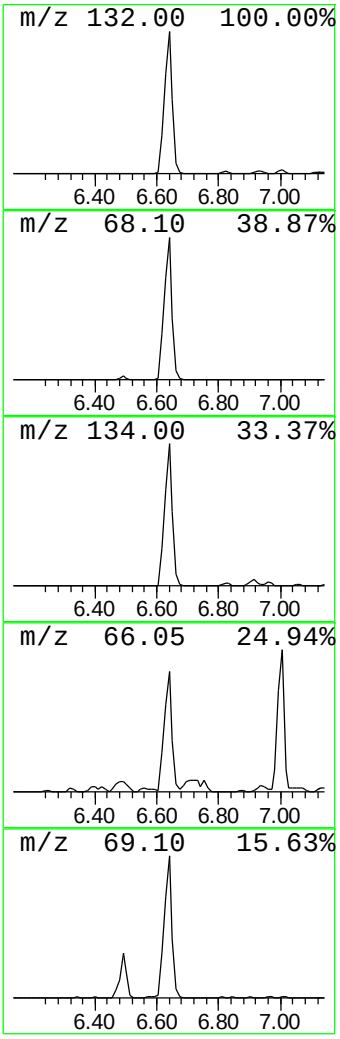
Peak Number 10 unknown6.64 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	67.83 ng	2168400	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

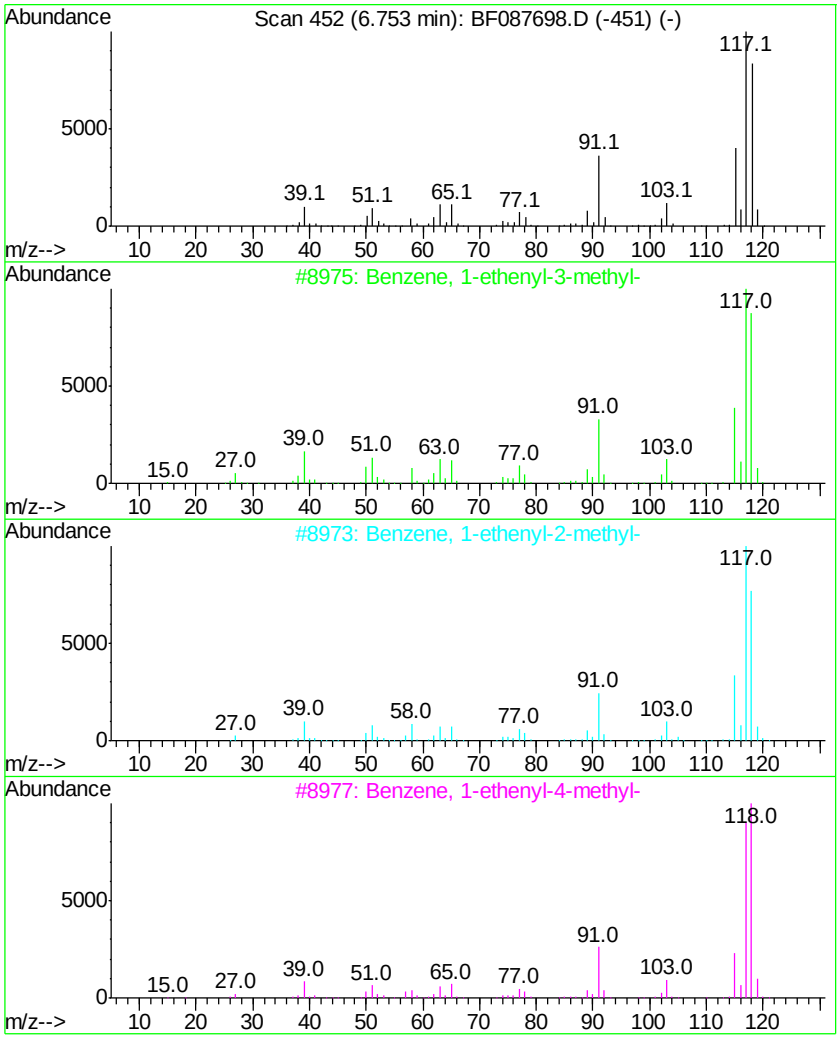
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

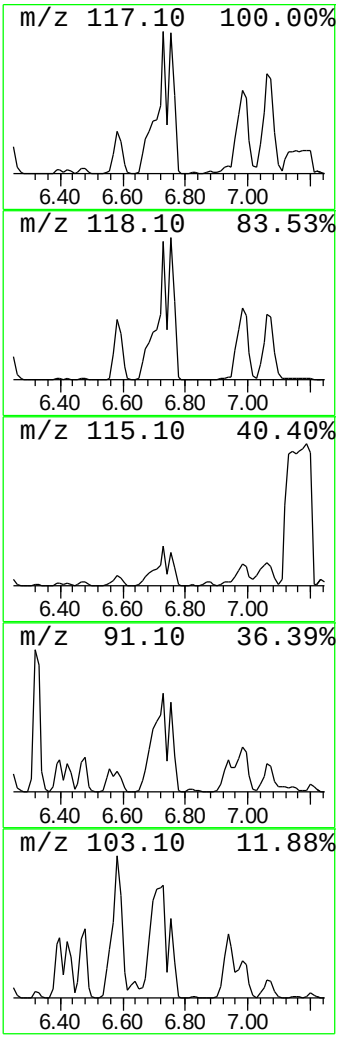
****

Peak Number 12 Benzene, 1-ethenyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	126.35 ng	4038920	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93





Library Search Compound Report

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Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

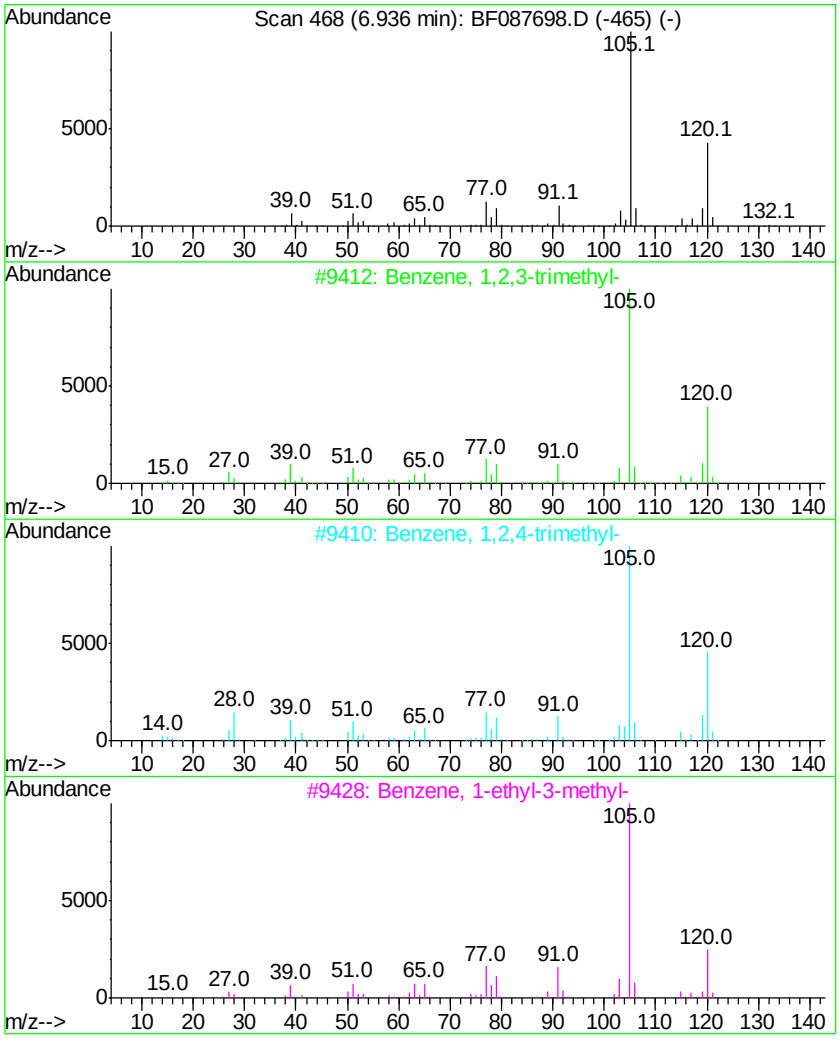
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

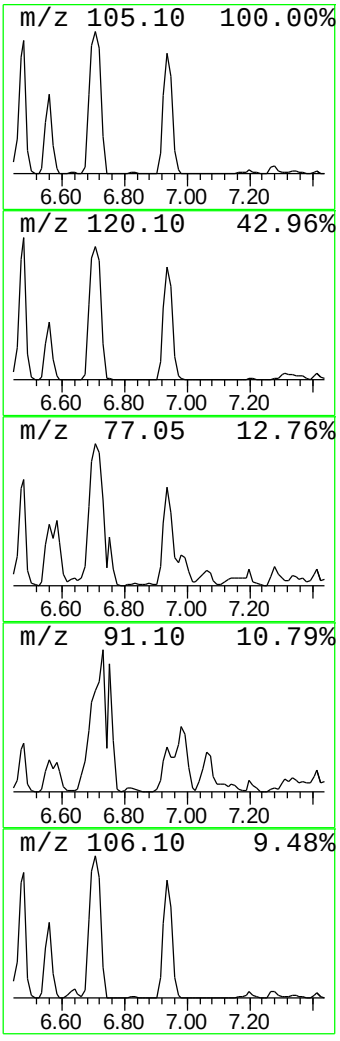
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	198.52 ng	6345750	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

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Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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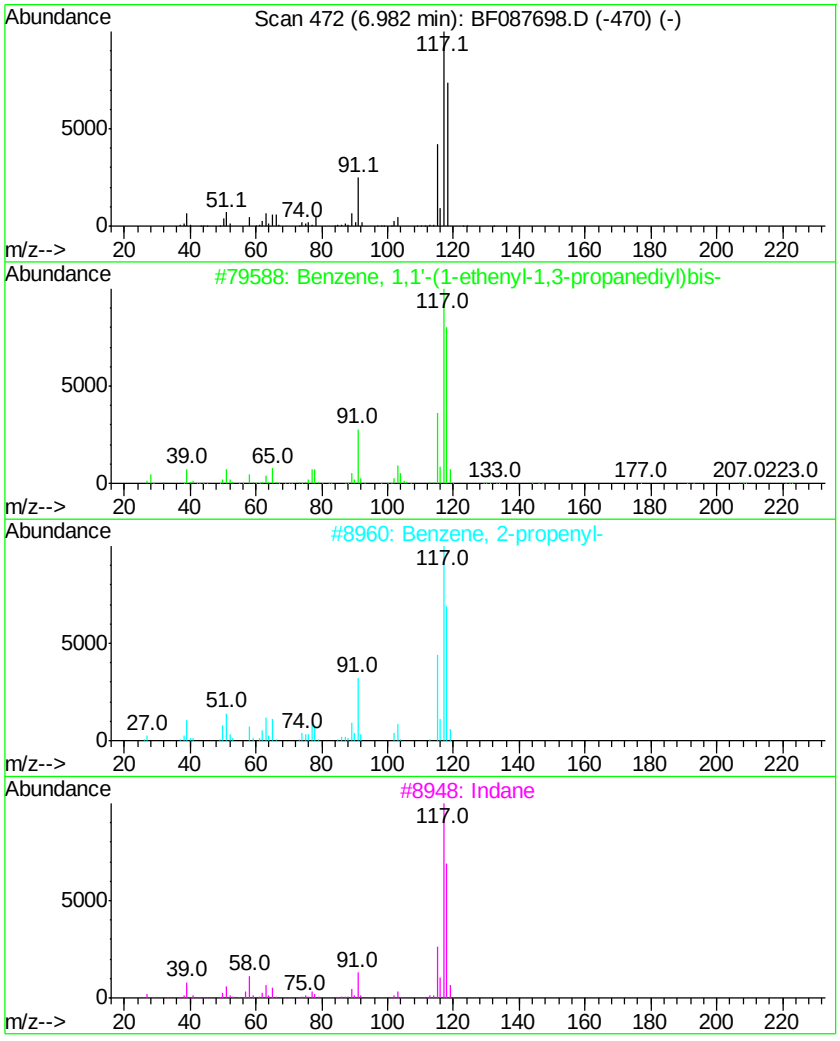
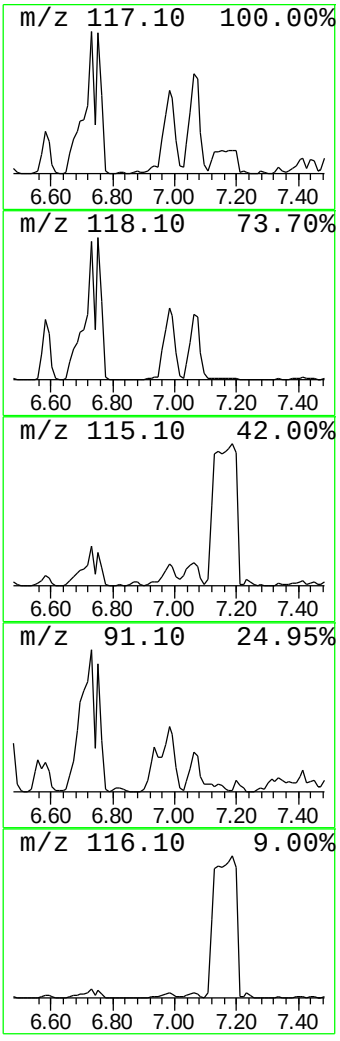
Peak Number 14 Benzene, 1,1'-(1-ethenyl-1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	90.87 ng	2904820	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	83
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Indane	118	C9H10	000496-11-7	81
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	68
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68





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Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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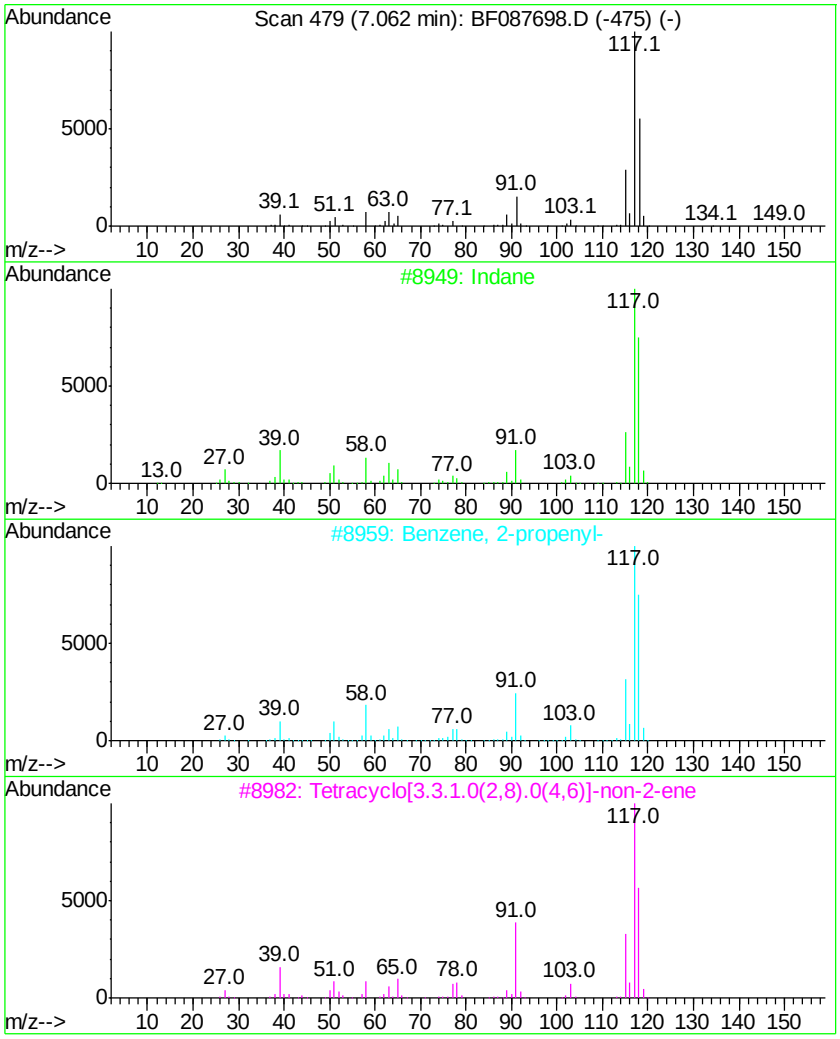
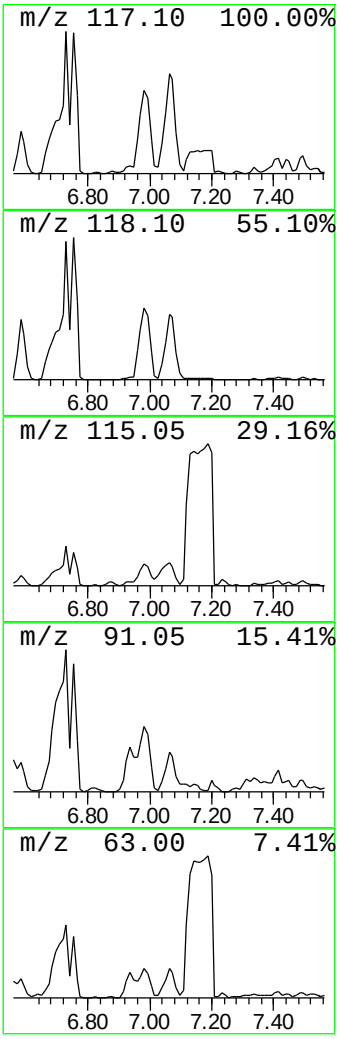
Peak Number 15 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	187.96 ng	6008430	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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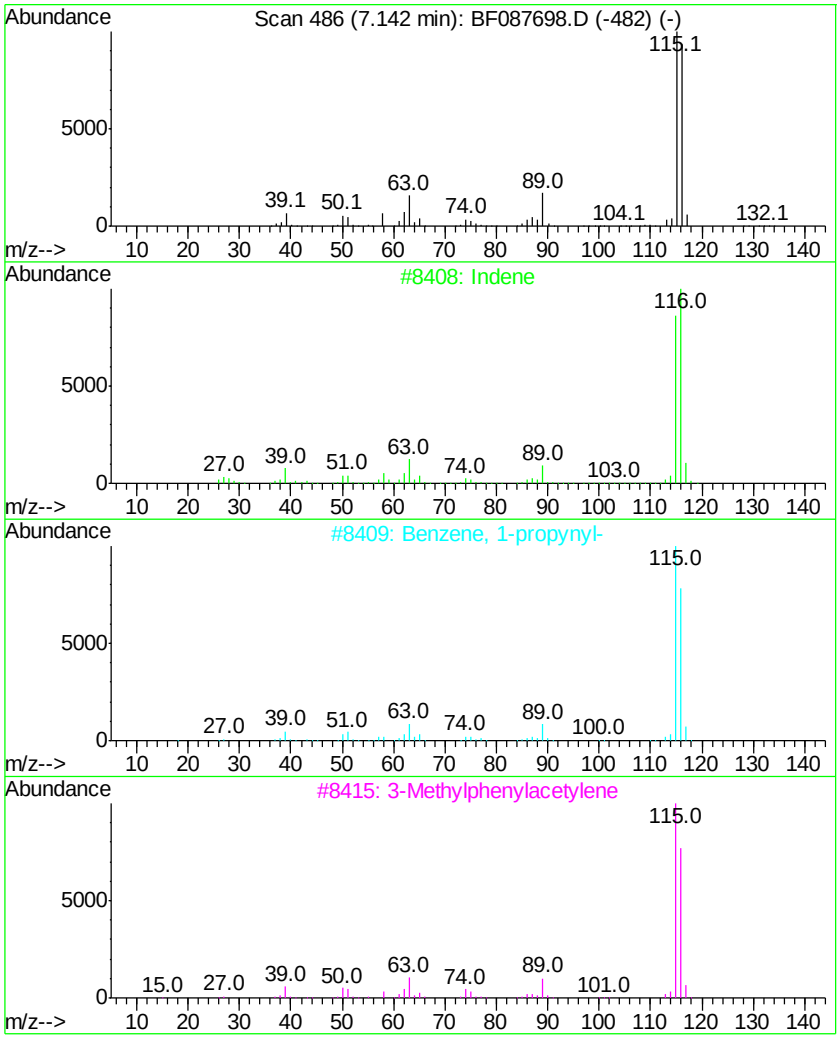
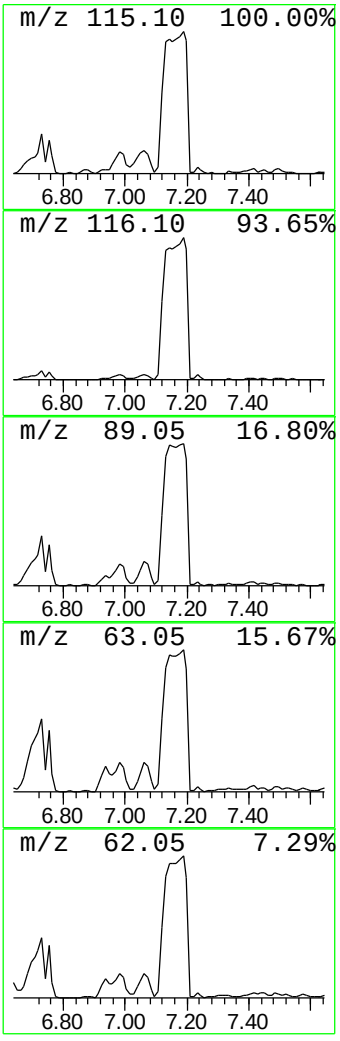
Peak Number 16 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	358.40 ng	11456700	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





Library Search Compound Report

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Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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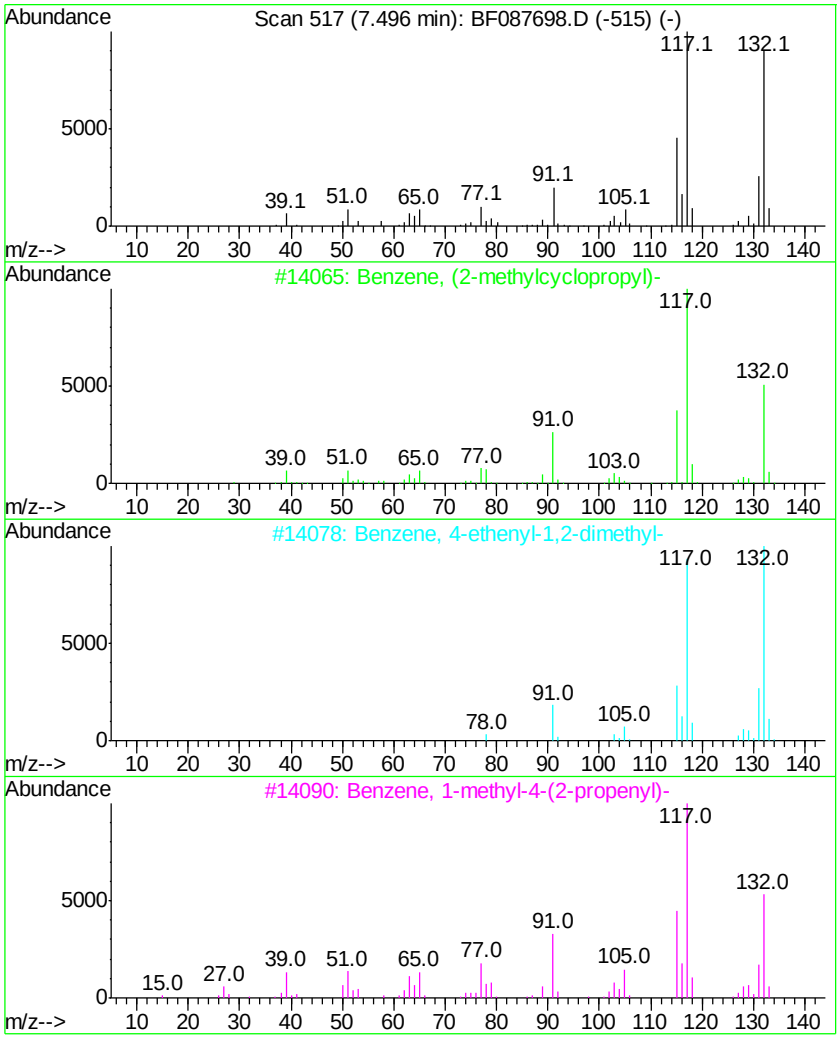
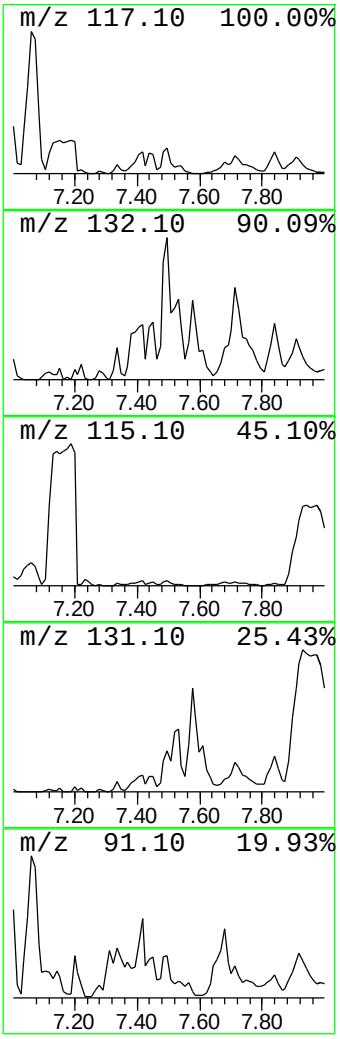
Peak Number 17 Benzene, (2-methylcycloprop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	30.86 ng	986621	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	95
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	94
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94





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Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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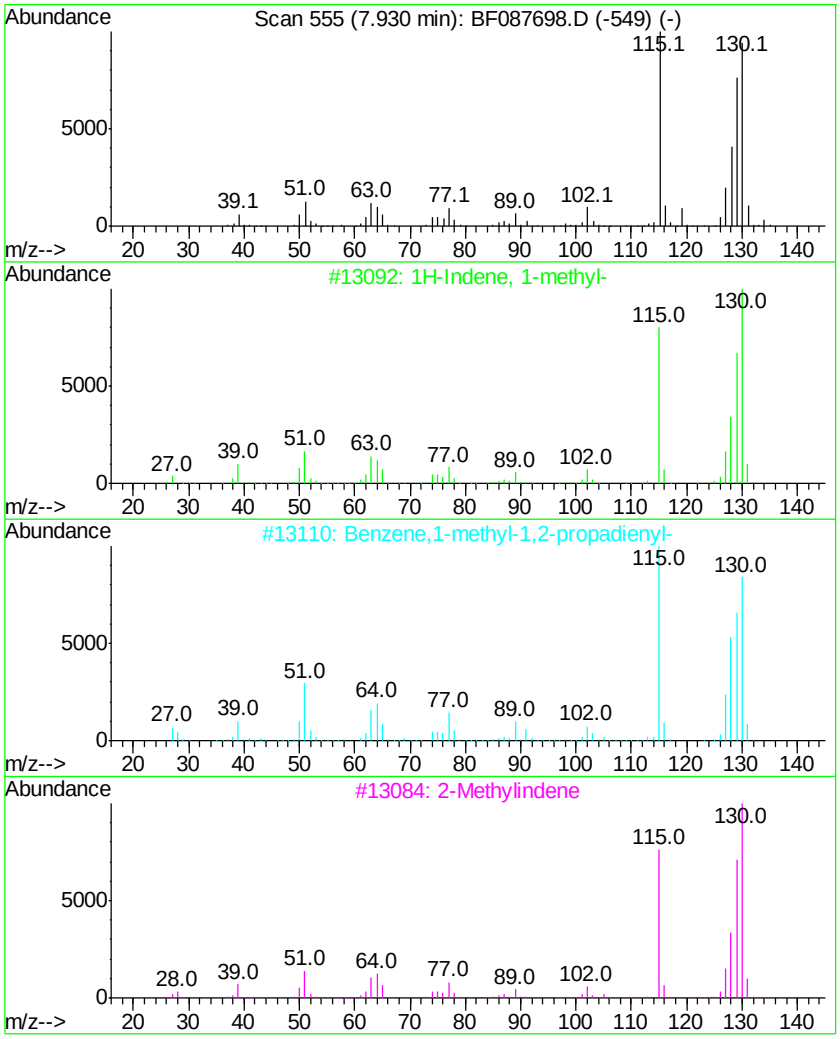
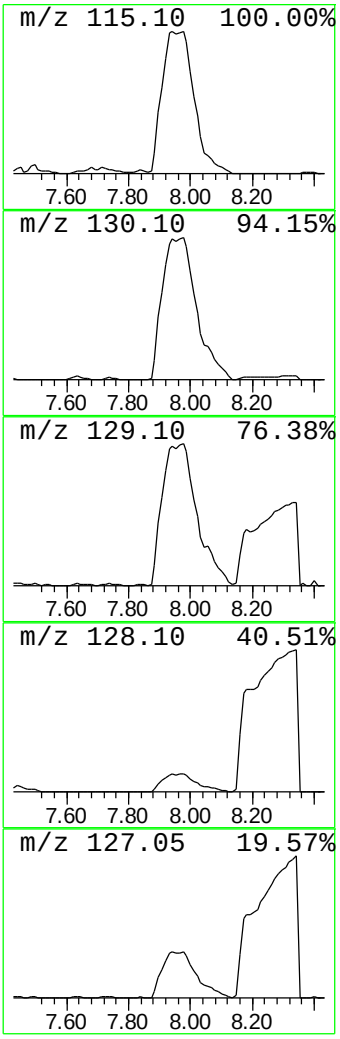
Peak Number 18 1H-Indene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	20.00 ng	16131100	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
3	2-Methylindene	130	C10H10	002177-47-1	95
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	92
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92





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Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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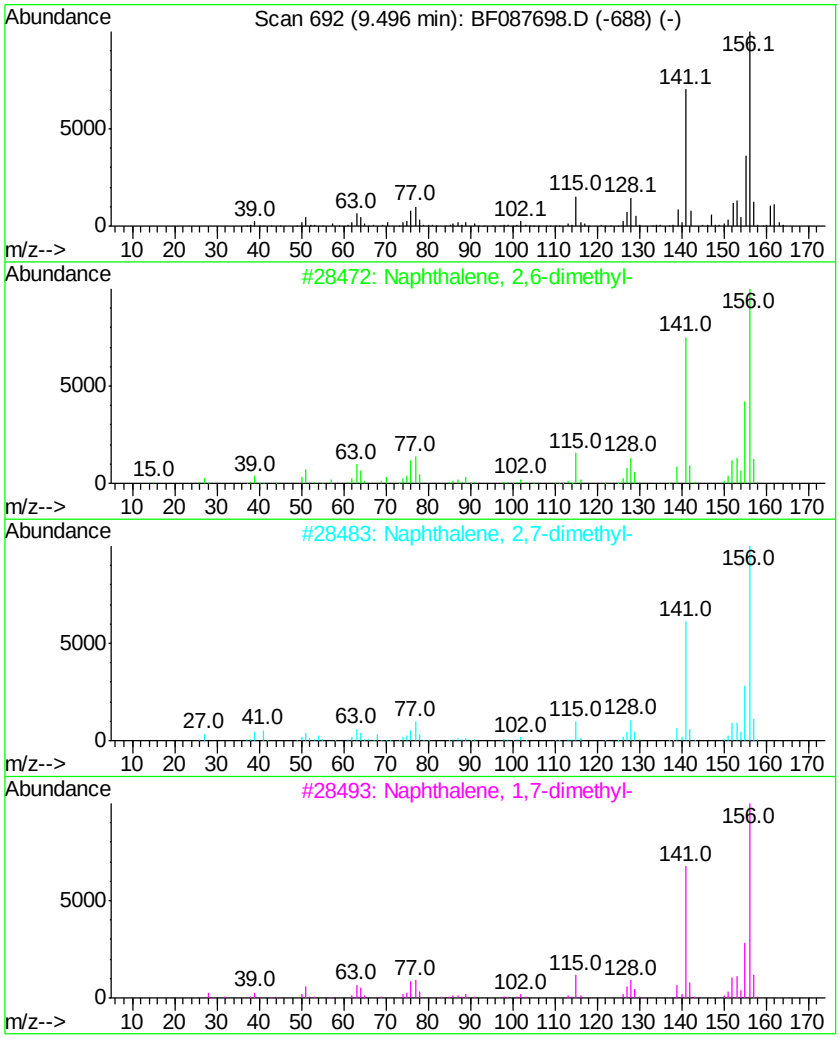
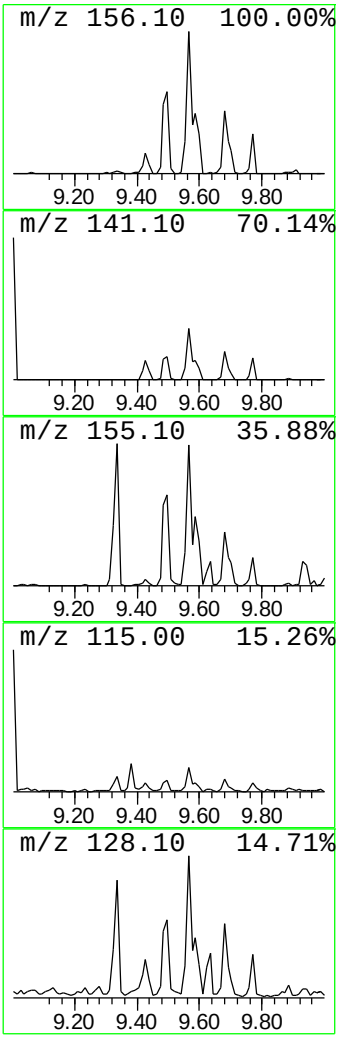
Peak Number 19 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	21.55 ng	1694550	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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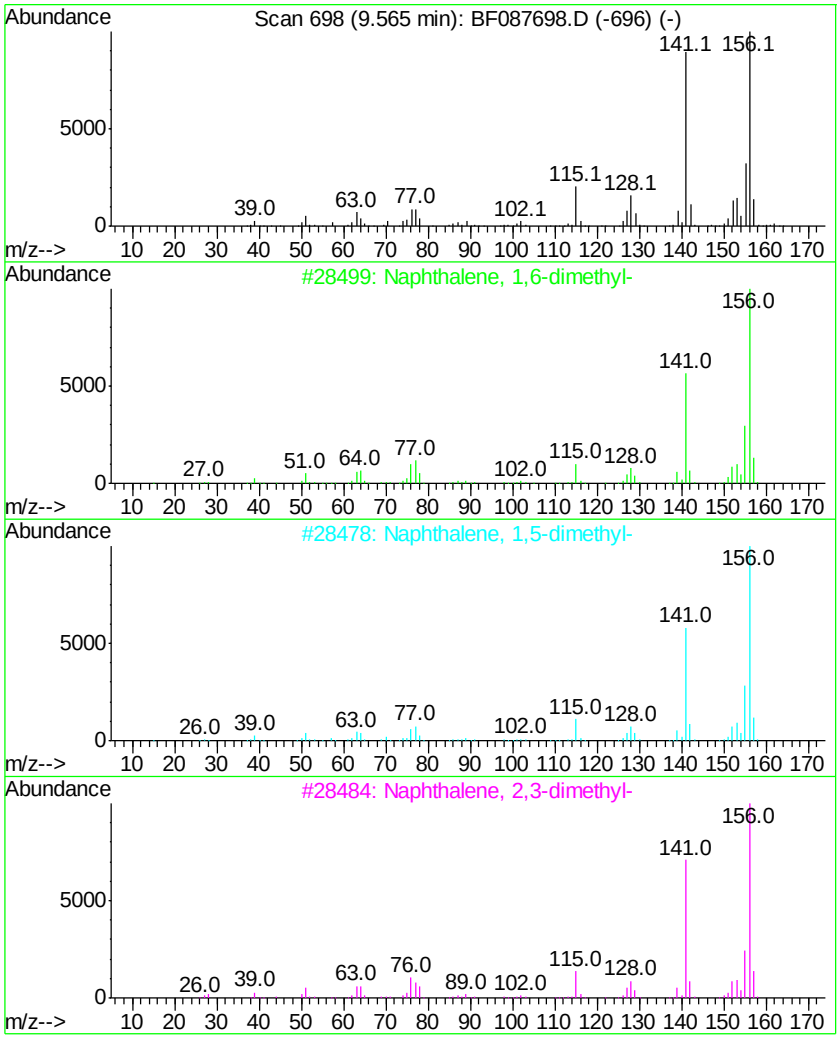
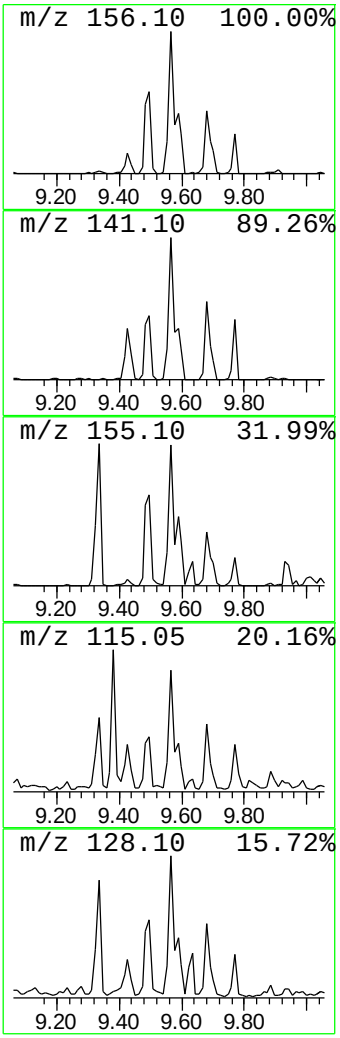
Peak Number 20 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	29.47 ng	2317450	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087698.D
Acq On : 5 Jun 2016 9:41
Operator : UM/SJ
Sample : H3345-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
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
Benzene, (1-methy...	6.02	21.4	ng	683421	1	6.88	639319	20.0
Benzene, 2-propenyl-	6.25	27.4	ng	877513	1	6.88	639319	20.0
Benzene, propyl-	6.32	51.6	ng	1650320	1	6.88	639319	20.0
Benzene, 1-ethyl-...	6.40	134.9	ng	4311160	1	6.88	639319	20.0
Benzene, 1-ethyl-...	6.42	77.9	ng	2491420	1	6.88	639319	20.0
unknown6.64	6.64	67.8	ng	2168400	1	6.88	639319	20.0
Benzene, 1-etheny...	6.75	126.3	ng	4038920	1	6.88	639319	20.0
Benzene, 1,2,3-tr...	6.94	198.5	ng	6345750	1	6.88	639319	20.0
Benzene, 1,1'-(1-...	6.98	90.9	ng	2904820	1	6.88	639319	20.0
Indane	7.06	188.0	ng	6008430	1	6.88	639319	20.0
Indene	7.14	358.4	ng	11456700	1	6.88	639319	20.0
Benzene, (2-methy...	7.50	30.9	ng	986621	1	6.88	639319	20.0
1H-Indene, 1-methyl-	7.93	20.0	ng	16131100	2	8.16	16131100	20.0
Naphthalene, 2,6-...	9.50	21.6	ng	1694550	3	9.91	1572530	20.0
Naphthalene, 1,6-...	9.56	29.5	ng	2317450	3	9.91	1572530	20.0