LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085653.D
Acq On : 22 Mar 2016 8:02
Operator : UM/SJ
Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

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-BF031816.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	5.019	237	239	245	rBV	223584	290078	7.99%	0.728%
2	5.441	273	276	278	rBV	1759122	1847776	50.93%	4.635%
3	5.841	309	311	313	rBV	63458	64062	1.77%	0.161%
4	6.002	321	325	327	rBV	59454	60475	1.67%	0.152%
5	6.299	348	351	353	rVB	82595	80332	2.21%	0.201%
6	6.367	354	357	358	rBV	68399	83246	2.29%	0.209%
7	6.390	358	359	361	rVB	112167	103001	2.84%	0.258%
8	6.436	361	363	364	rBV	134383	117457	3.24%	0.295%
9	6.470	364	366	368	rVV	1353604	1165924	32.13%	2.924%
10	6.527	368	371	373	rVB	263819	287059	7.91%	0.720%
11	6.607	375	378	381	rBV	2788027	2712117	74.75%	6.802%
12	6.664	381	383	385	rVB	730371	588555	16.22%	1.476%
13	6.790	391	394	396	rBV	28404	43437	1.20%	0.109%
14	6.836	396	398	400	rBV	724003	814234	22.44%	2.042%
15	6.893	400	403	408	rVB2	160459	276052	7.61%	0.692%
16	6.996	410	412	417	rBV	2607110	2831482	78.04%	7.102%
17	7.087	418	420	422	rBV2	71482	107751	2.97%	0.270%
18	7.122	422	423	425	rVB	107864	77567	2.14%	0.195%
19	7.167	425	427	431	rVB	201566	266404	7.34%	0.668%
20	7.236	431	433	436	rBV	158267	136702	3.77%	0.343%
21	7.305	437	439	440	rBV	119159	141768	3.91%	0.356%
22	7.327	440	441	443	rVB	110137	145332	4.01%	0.365%
23	7.407	443	448	451	rBV2	2080968	2727089	75.16%	6.840%
24	7.499	453	456	457	rBV2	59727	79171	2.18%	0.199%
25	7.533	457	459	460	rBV	93197	105303	2.90%	0.264%
26	7.613	464	466	467	rVV	213741	173417	4.78%	0.435%
27	7.636	467	468	471	rVB	230006	271182	7.47%	0.680%
28	7.750	474	478	479	rBV2	48395	98731	2.72%	0.248%
29	7.796	479	482	485	rVB2	276152	395733	10.91%	0.993%
30	7.865	485	488	490	rBV	910298	912498	25.15%	2.289%
31	7.899	490	491	493	rVV2	110468	120028	3.31%	0.301%
32	7.945	493	495	496	rVV2	77845	142965	3.94%	0.359%
33	7.967	496	497	498	rVB	335011	229818	6.33%	0.576%
34	8.002	498	500	501	rVB	63505	69775	1.92%	0.175%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : 7GW

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.127	504	511	514	rBV2	1295002	2130453	58.72%	5.344%
36	8.219	517	519	520	rVB	88207	73573	2.03%	0.185%
37	8.287	523	525	527	rBV2	40877	86333	2.38%	0.217%
38	8.322	527	528	530	rVB2	120592	106880	2.95%	0.268%
39	8.367	530	532	534	rBV	99394	154003	4.24%	0.386%
40	8.402	534	535	538	rVB	140882	152943	4.22%	0.384%
41	8.516	543	545	547	rVB	170250	178999	4.93%	0.449%
42	8.596	547	552	553	rBV	201280	260561	7.18%	0.654%
43	8.630	553	555	558	rVV	349332	355079	9.79%	0.891%
44	8.687	558	560	561	rVV2	77149	80543	2.22%	0.202%
45	8.710	561	562	564	rVV2	94510	137289	3.78%	0.344%
46	8.790	564	569	571	rVV3	173078	264437	7.29%	0.663%
47	8.836	571	573	575	rVB	552136	513915	14.16%	1.289%
48	8.939	579	582	584	rVV	860832	887160	24.45%	2.225%
49	8.973	584	585	588	rVV2	73149	93682	2.58%	0.235%
50	9.030	588	590	592	rVV3	35916	51832	1.43%	0.130%
51	9.065	592	593	596	rVV3	49412	86758	2.39%	0.218%
52	9.168	598	602	603	rVV2	55601	91750	2.53%	0.230%
53	9.202	603	605	607	rVV	3297998	3628307	100.00%	9.100%
54	9.236	607	608	611	rVV2	35098	53176	1.47%	0.133%
55	9.305	611	614	616	rVV4	36670	71383	1.97%	0.179%
56	9.350	616	618	619	rVV2	104724	109059	3.01%	0.274%
57	9.396	619	622	625	rVB	112634	199379	5.50%	0.500%
58	9.465	625	628	630	rBV	263717	383169	10.56%	0.961%
59	9.533	632	634	636	rVV	488894	674422	18.59%	1.692%
60	9.568	636	637	638	rVV	275992	204047	5.62%	0.512%
61	9.602	638	640	643	rVV2	46427	87637	2.42%	0.220%
62	9.659	643	645	648	rVV	151544	260959	7.19%	0.655%
63	9.739	650	652	654	rBV	106637	99447	2.74%	0.249%
64	9.876	662	664	666	rBV	1103708	1083246	29.86%	2.717%
65	9.910	666	667	669	rVB2	94914	94566	2.61%	0.237%
66	9.979	671	673	676	rVB	80008	118294	3.26%	0.297%
67	10.036	676	678	680	rVB2	41992	59455	1.64%	0.149%
68	10.082	680	682	684	rBV	198541	202723	5.59%	0.508%
69	10.116	684	685	690	rVB	93334	122825	3.39%	0.308%
70	10.196	690	692	693	rBV	155413	155980	4.30%	0.391%
71	10.288	698	700	701	rBV	63069	107033	2.95%	0.268%

LSC Area Percent Report

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Sample : H1834-10
Misc :
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Instrument : BNA_F
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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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72	10.379	705	708	710	rBV2	43225	67539	1.86%	0.169%
73	10.425	710	712	713	rBV2	84957	79780	2.20%	0.200%
74	10.493	715	718	721	rBV	148136	224846	6.20%	0.564%
75	10.539	721	722	724	rVB2	49162	43482	1.20%	0.109%
76	10.665	730	733	736	rBV2	1580449	1892817	52.17%	4.748%
77	10.791	740	744	746	rBV2	85494	145829	4.02%	0.366%
78	10.871	748	751	755	rBV3	32297	86849	2.39%	0.218%
79	10.973	758	760	761	rBV	39754	47929	1.32%	0.120%
80	11.008	761	763	765	rVV2	87262	153643	4.23%	0.385%
81	11.111	769	772	775	rVB2	66084	153002	4.22%	0.384%
82	11.236	780	783	784	rBV2	17656	37188	1.02%	0.093%
83	11.362	791	794	796	rBV	1081916	955490	26.33%	2.397%
84	11.476	801	804	807	rBV2	53964	68241	1.88%	0.171%
85	11.888	839	840	843	rBV	96437	105202	2.90%	0.264%
86	12.311	873	877	880	rBV3	23156	65483	1.80%	0.164%
87	12.402	883	885	888	rVV2	37527	71115	1.96%	0.178%
88	12.505	890	894	896	rVB2	22514	47544	1.31%	0.119%
89	12.676	907	909	914	rBV	66486	87654	2.42%	0.220%
90	12.768	914	917	919	rBV	144977	207790	5.73%	0.521%
91	12.951	930	933	935	rBV	2445110	2865925	78.99%	7.188%
92	13.477	977	979	980	rBV	33738	37650	1.04%	0.094%
93	13.991	1022	1024	1027	rBV	739728	713701	19.67%	1.790%
94	15.420	1146	1149	1156	rBV	574599	723040	19.93%	1.814%

Sum of corrected areas: 39869557

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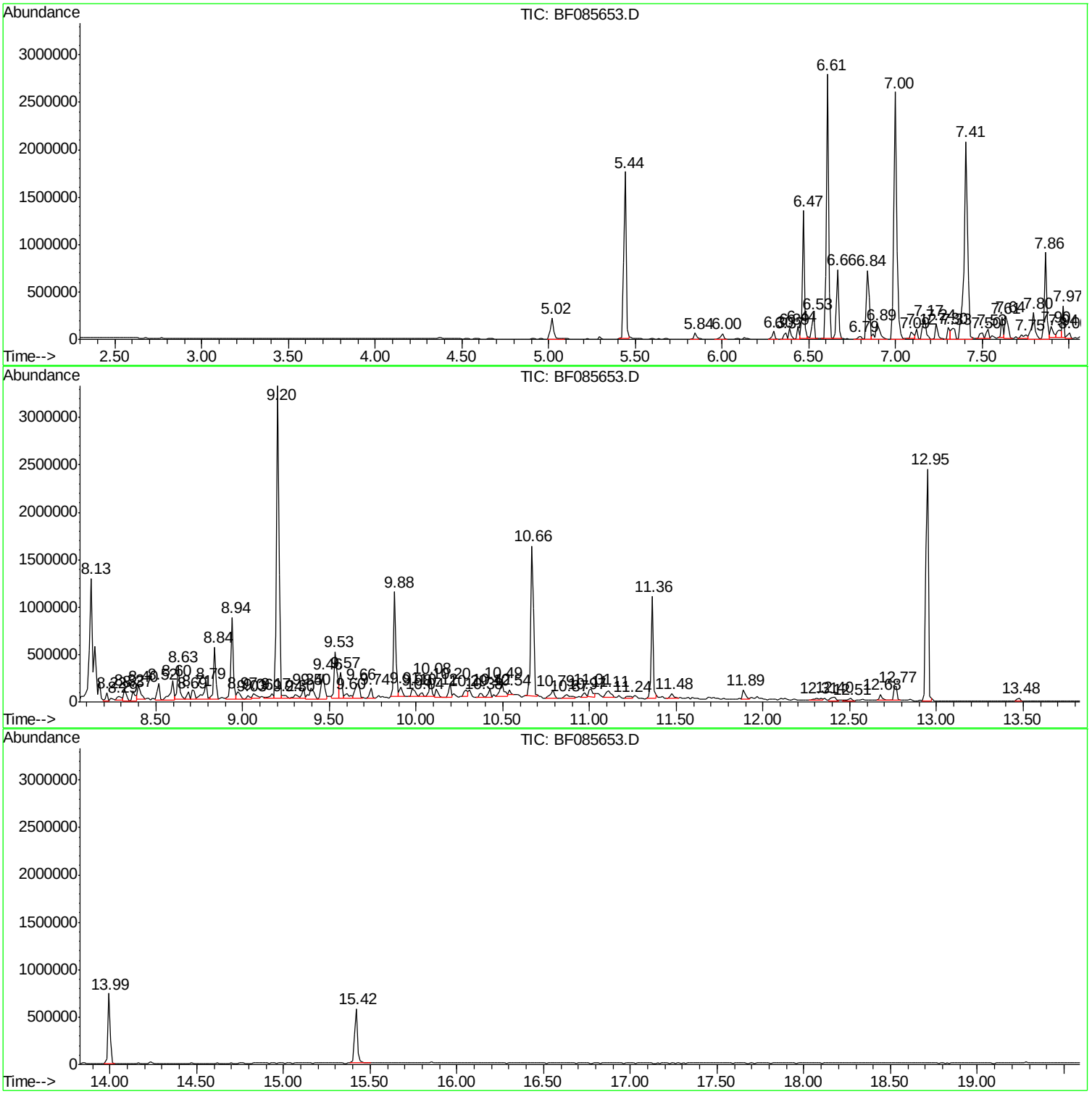
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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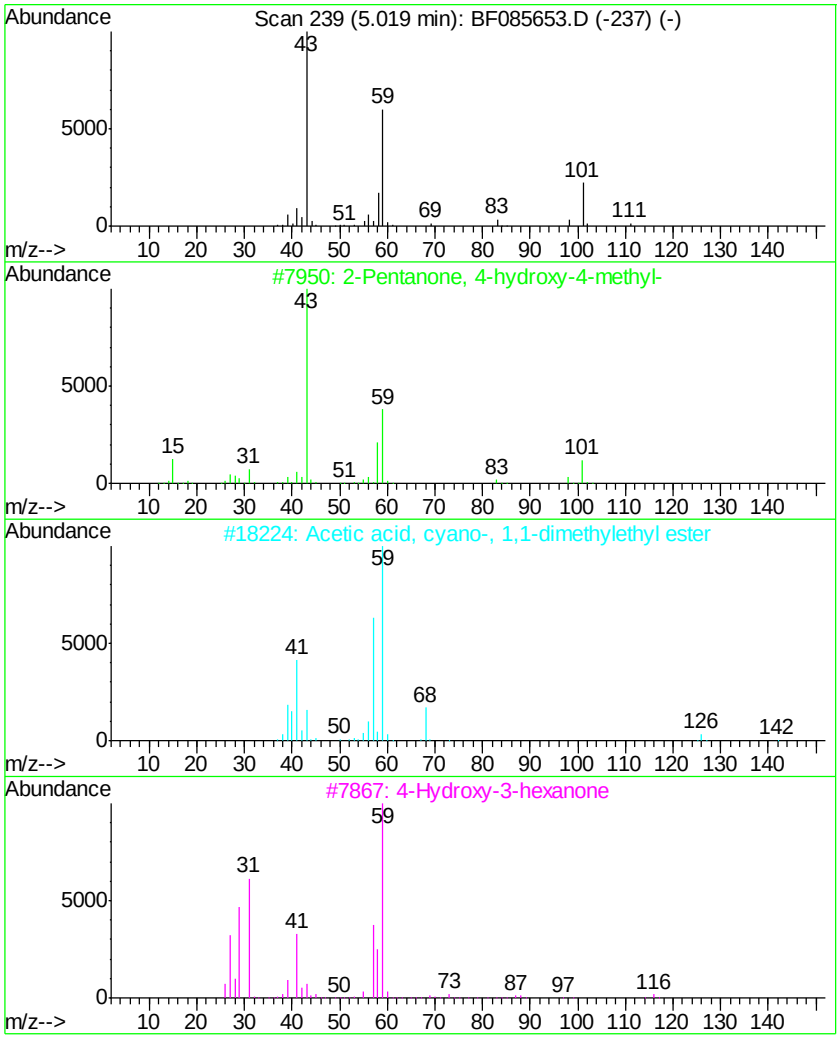
TIC Integration Parameters: LSCINT.P

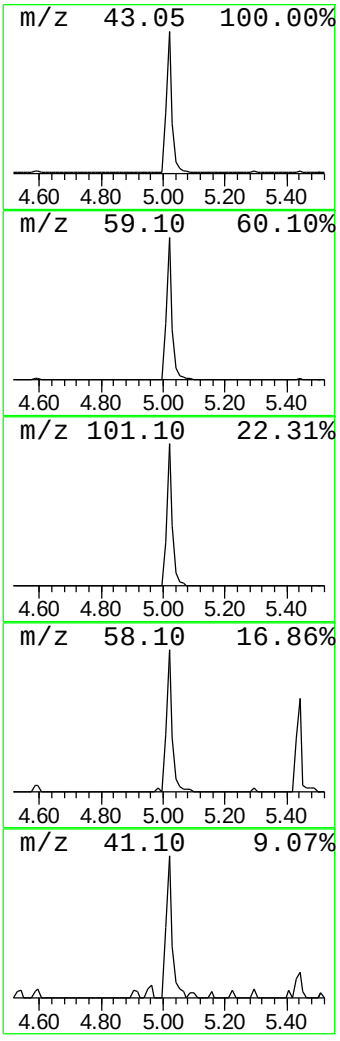
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	7.13 ng	290078	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Sample : H1834-10
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Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

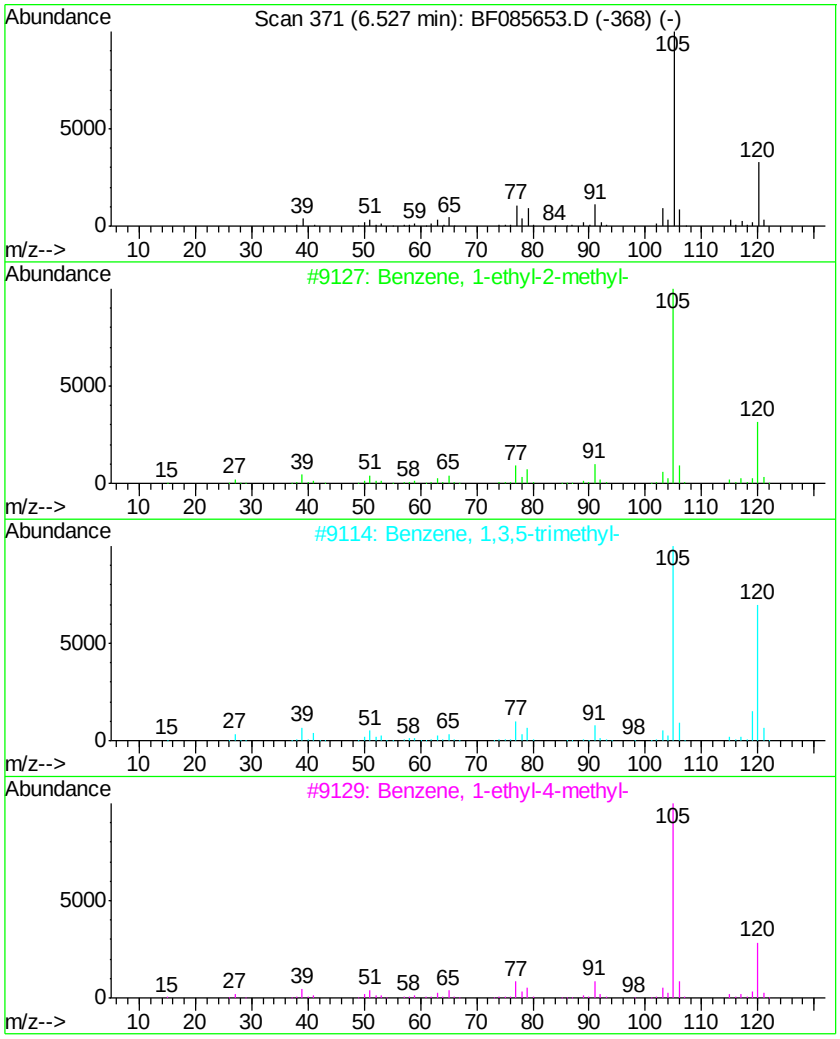
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

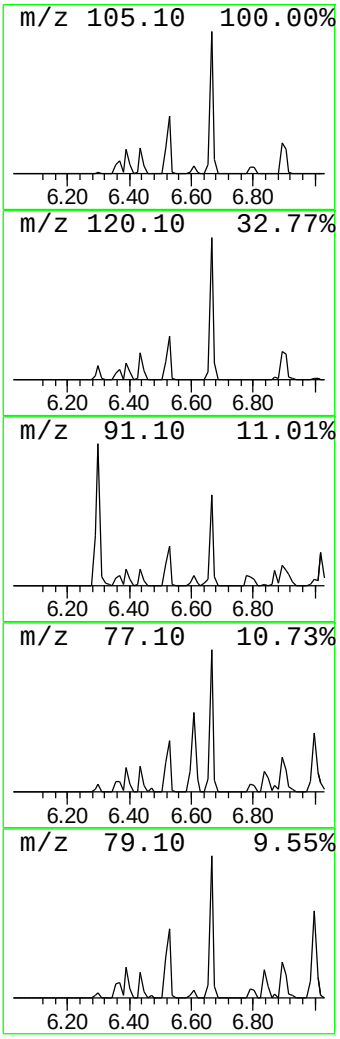
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	7.05 ng	287059	1,4-Dichlorobenzene-d4	6.84

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





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TIC Library : C:\DATABASE\NIST02.L
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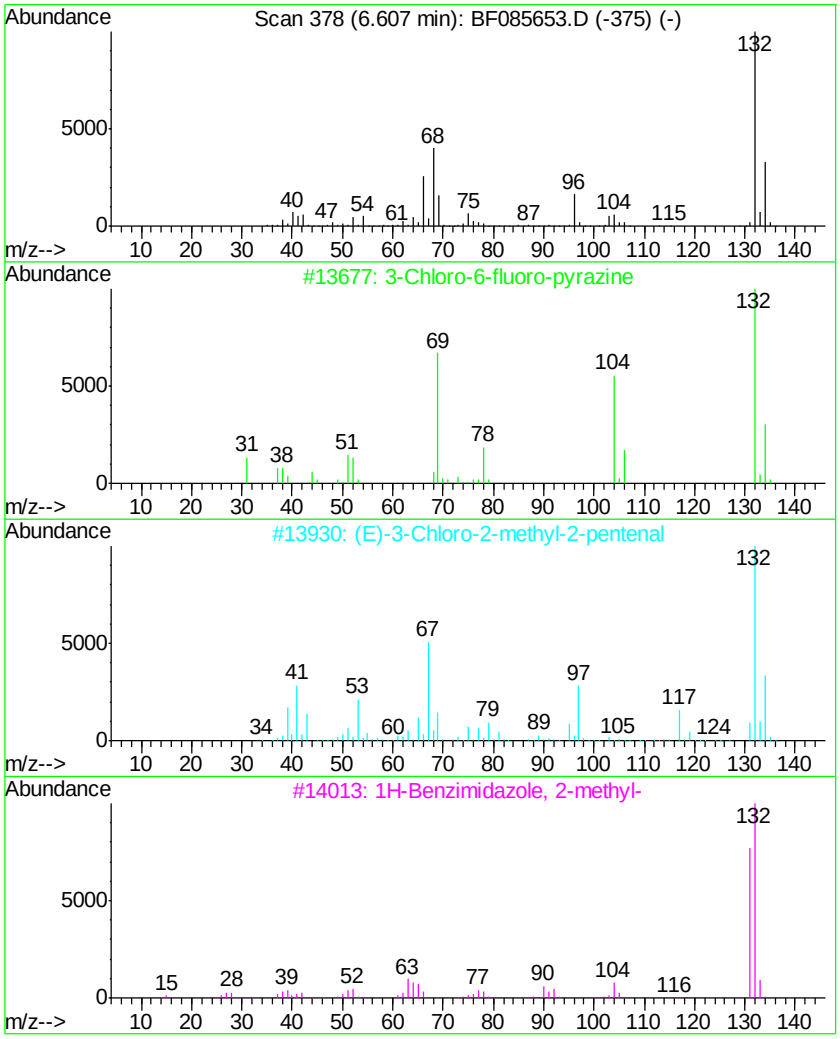
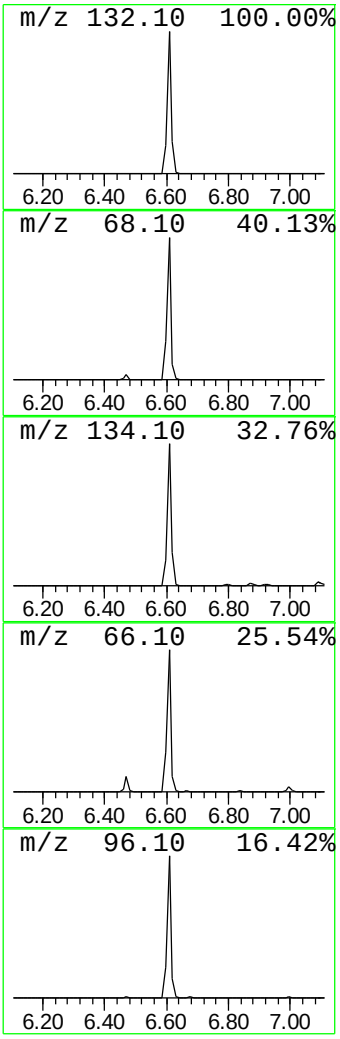
****

Peak Number 3 unknown6.61 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	66.62 ng	2712120	1,4-Dichlorobenzene-d4	6.84

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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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TIC Library : C:\DATABASE\NIST02.L
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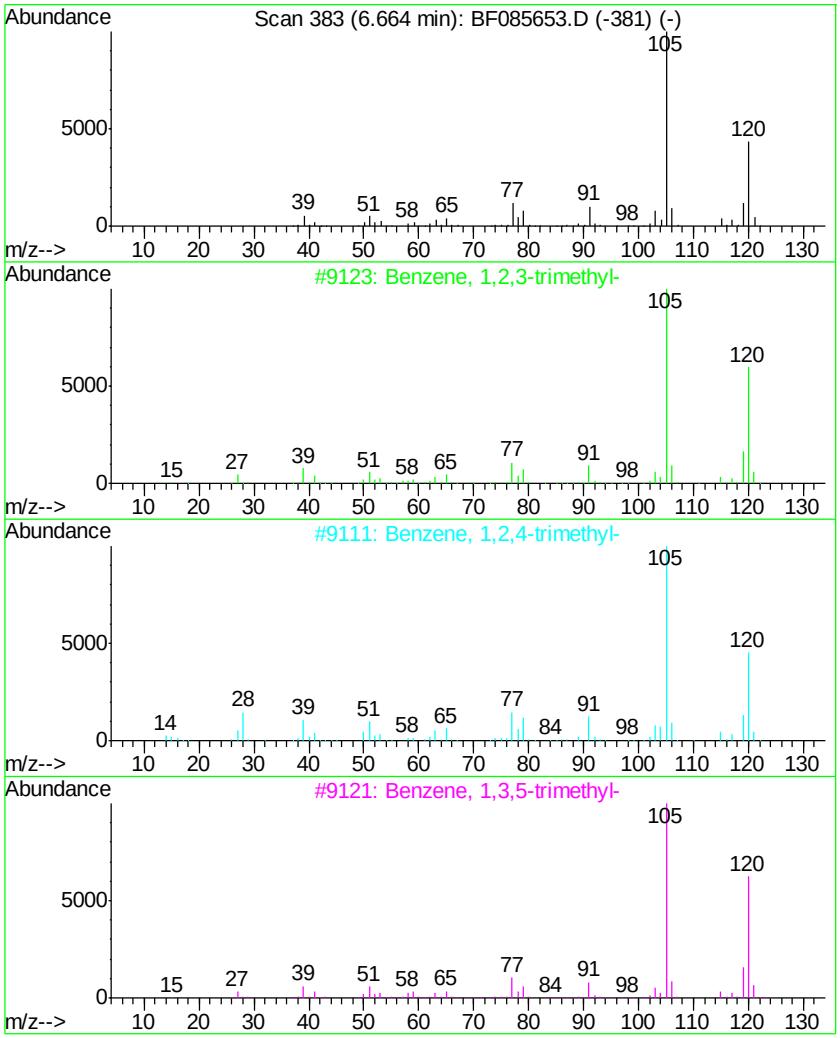
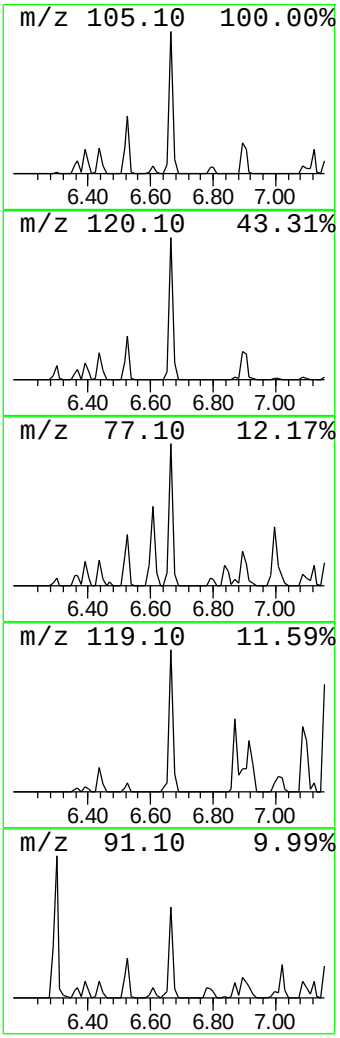
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	14.46 ng	588555	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
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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Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

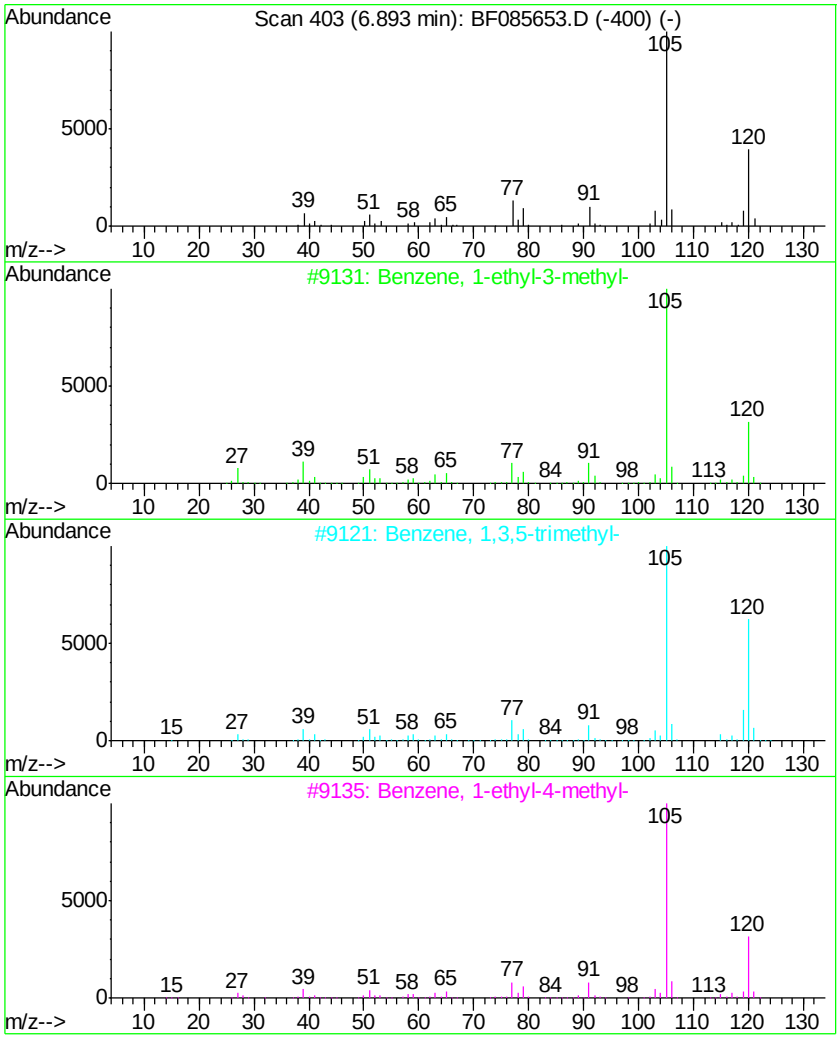
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

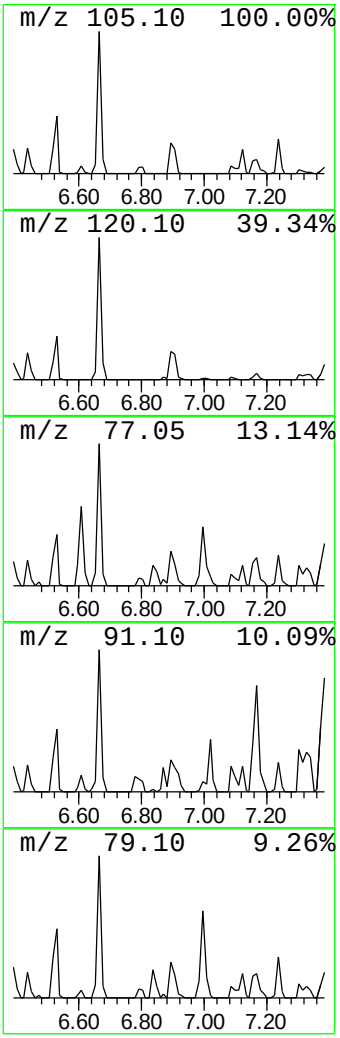
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	6.78 ng	276052	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
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-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

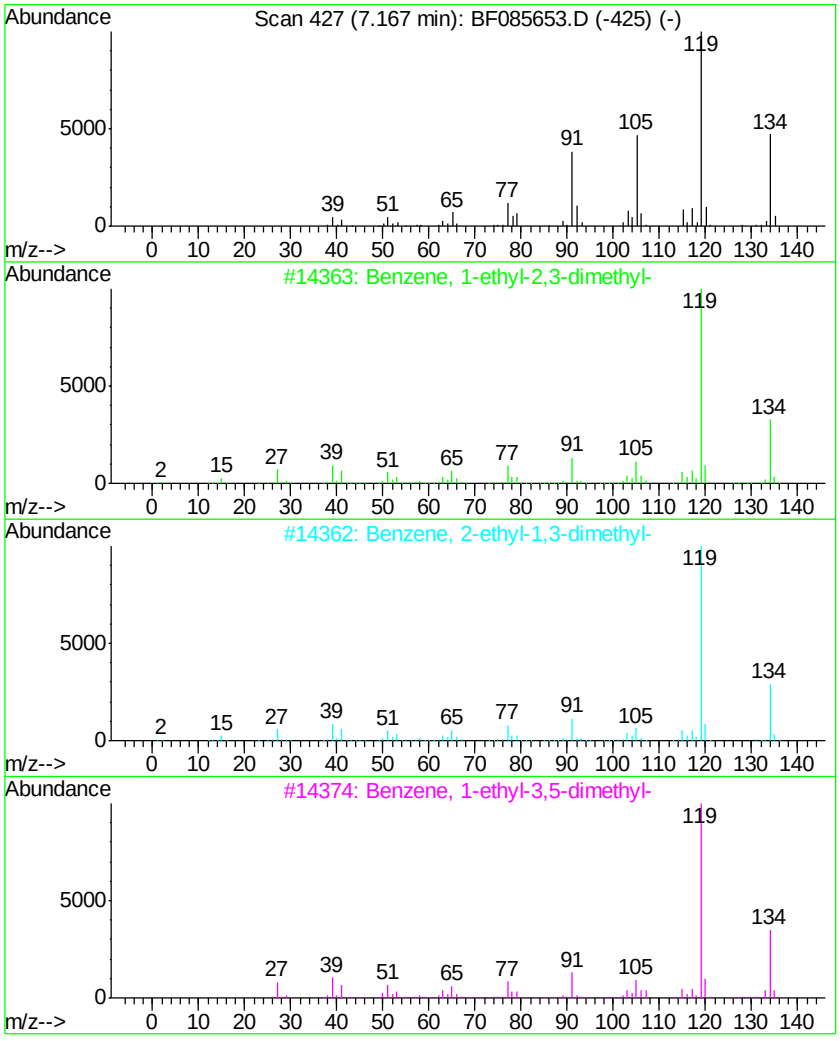
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

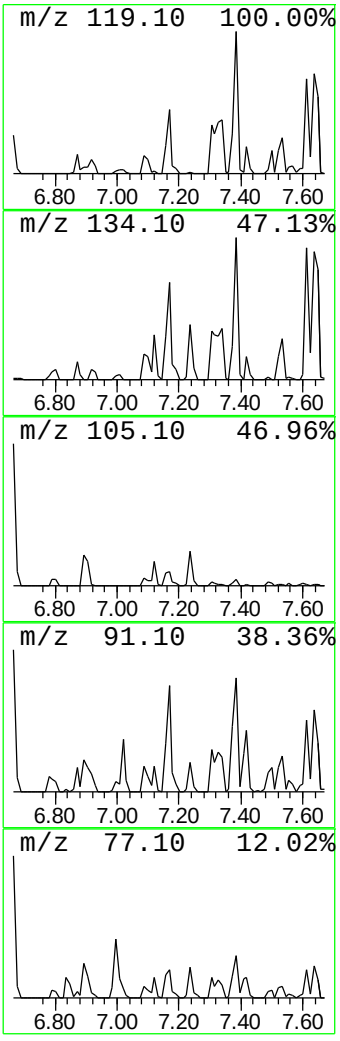
****

Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	6.54 ng	266404	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Data File : BF085653.D
Acq On : 22 Mar 2016 8:02
Operator : UM/SJ
Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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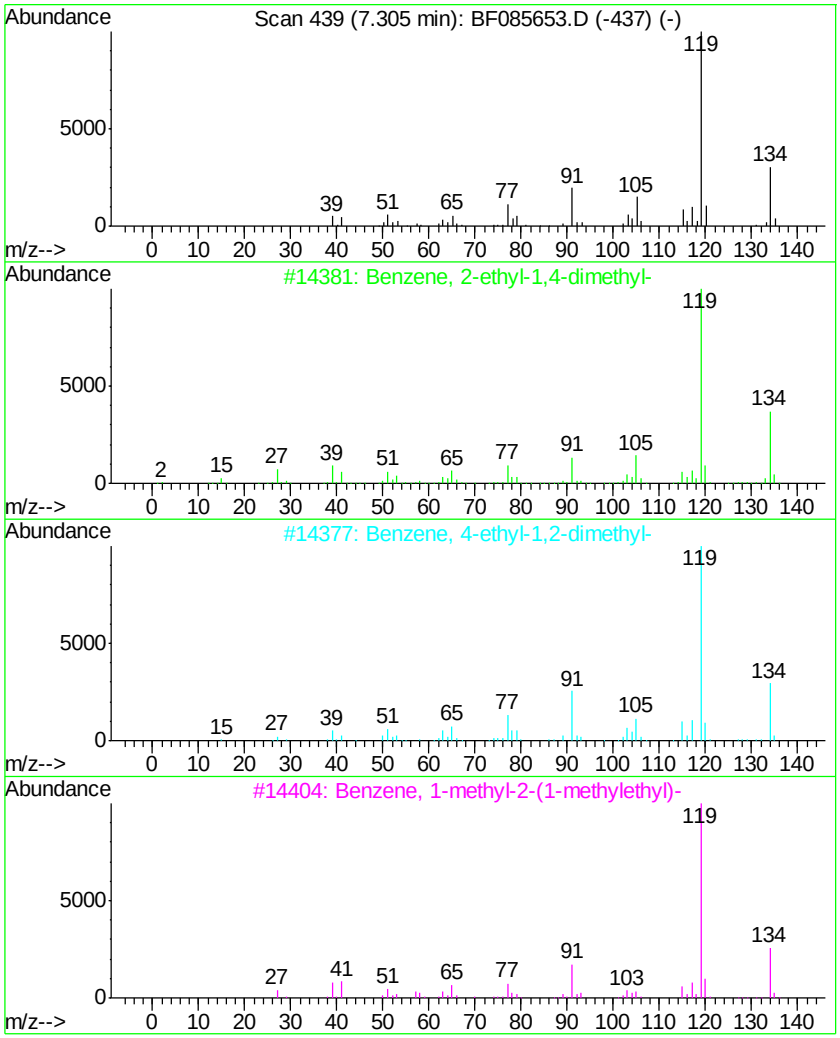
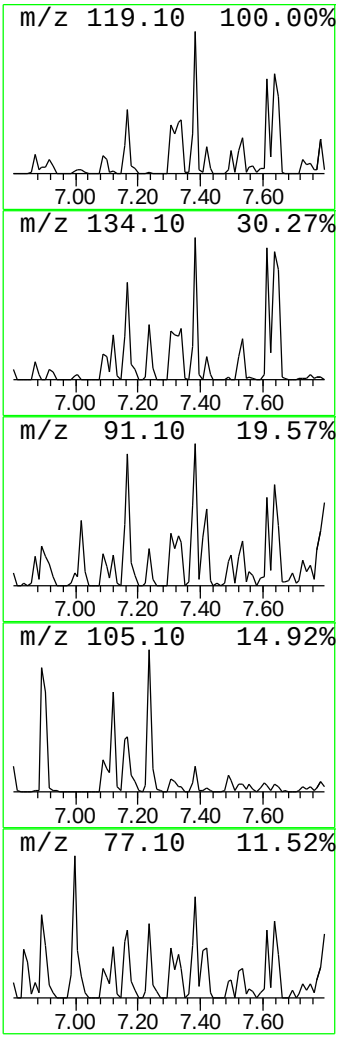
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	3.48 ng	141768	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Acq On : 22 Mar 2016 8:02
Operator : UM/SJ
Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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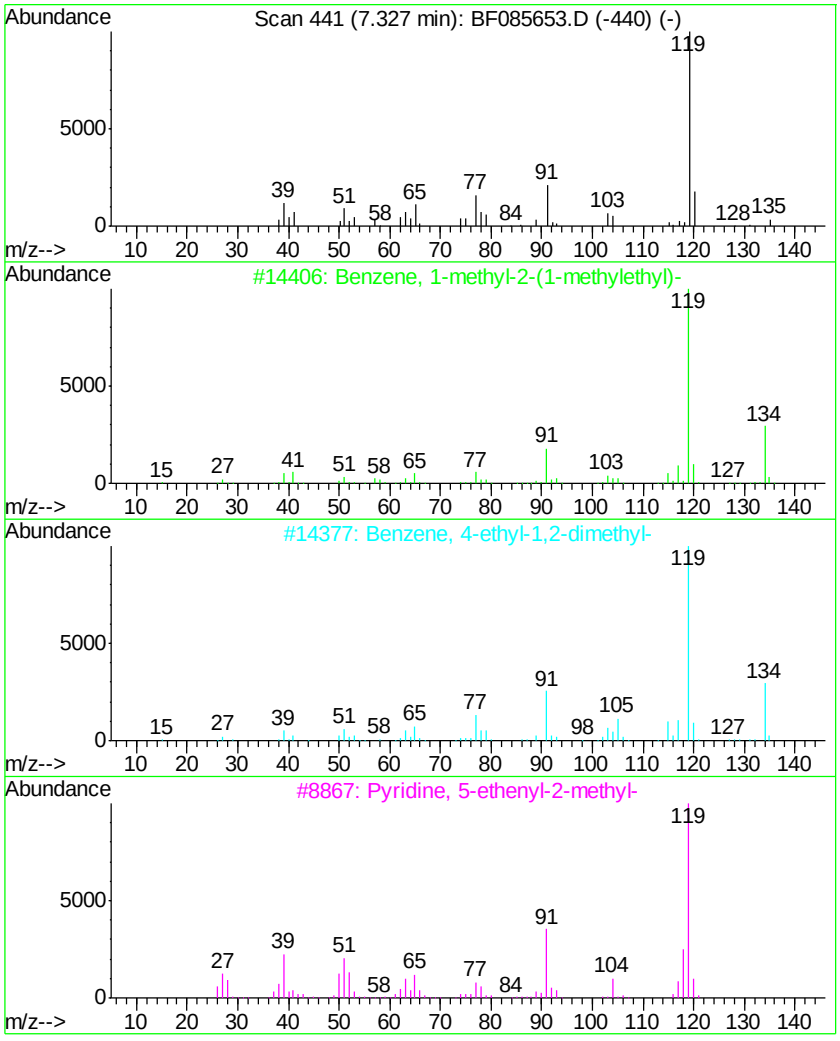
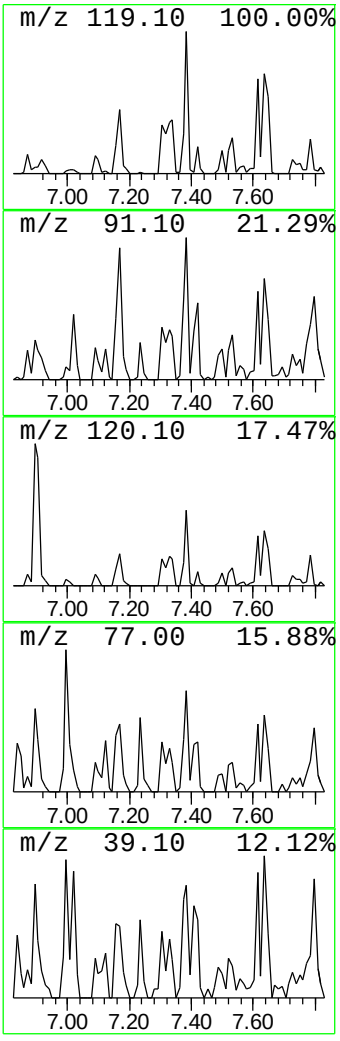
Peak Number 9 Benzene, 1-methyl-2-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	3.57 ng	145332	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	72
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	64
4	Dicumyl peroxide	270	C18H22O2	000080-43-3	64
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64





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Acq On : 22 Mar 2016 8:02
Operator : UM/SJ
Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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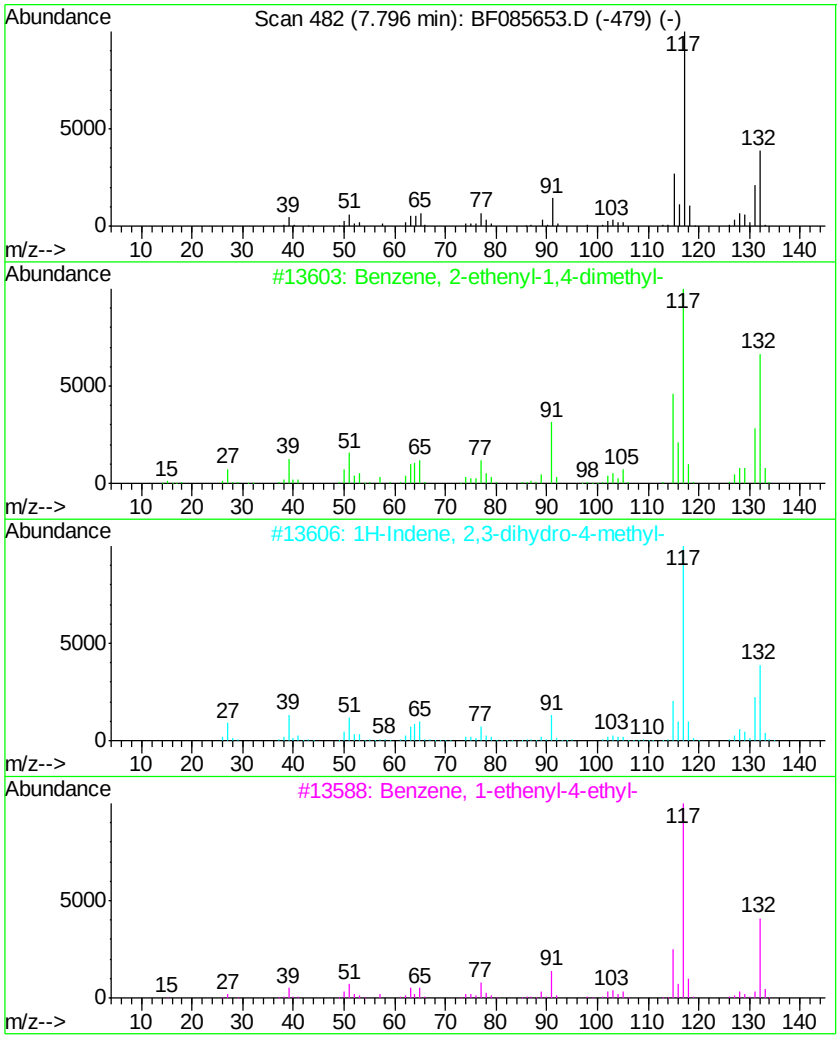
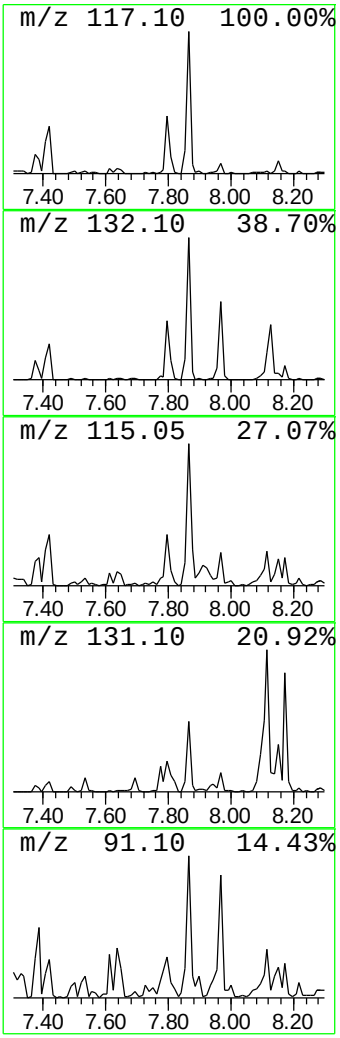
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	3.72 ng	395733	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





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Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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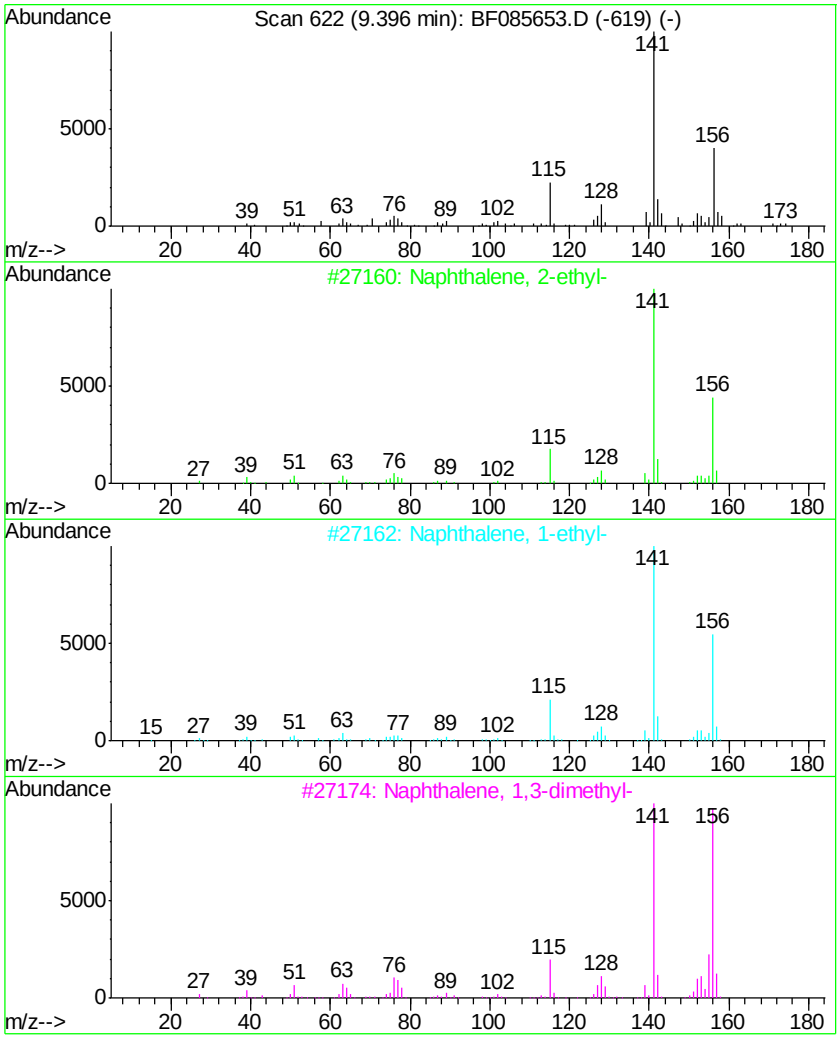
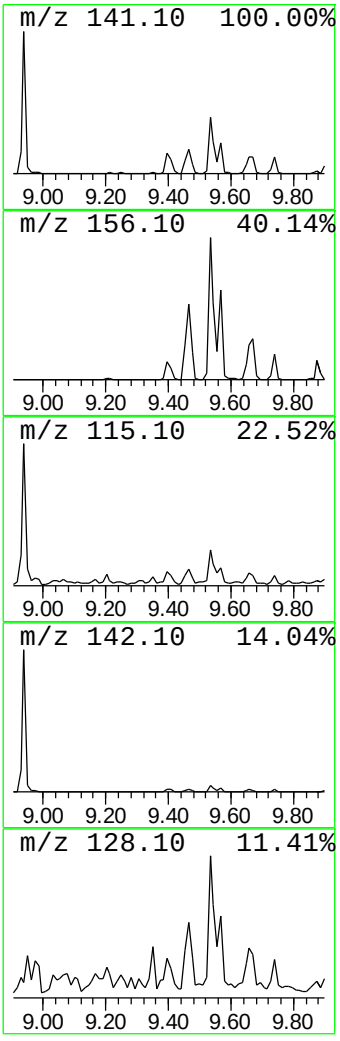
Peak Number 13 Naphthalene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	3.68 ng	199379	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53
5	2',5'-Difluoroacetophenone	156	C8H6F2O	001979-36-8	53





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Acq On : 22 Mar 2016 8:02
Operator : UM/SJ
Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

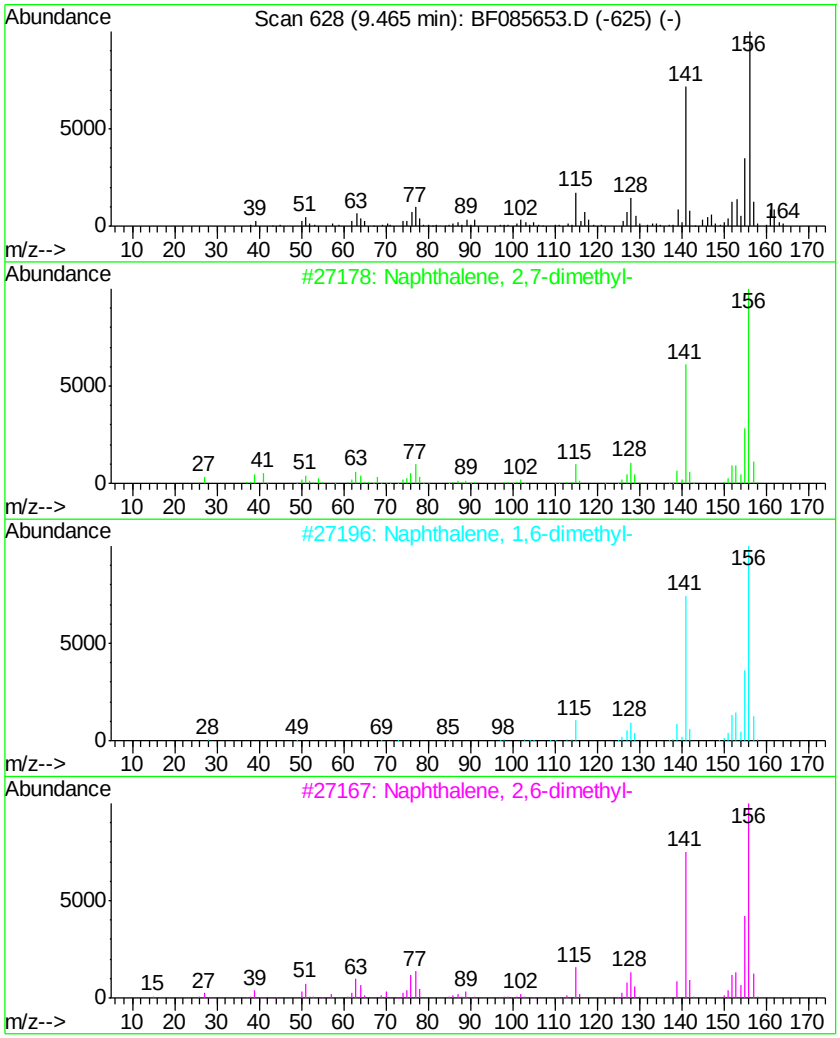
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

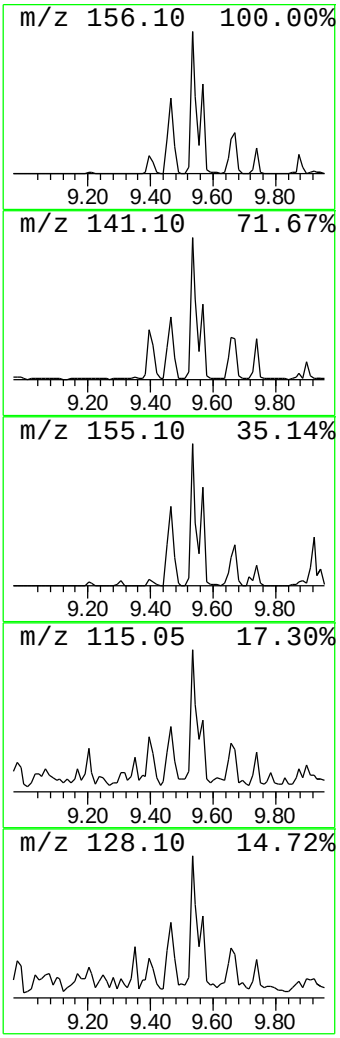
****

Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	7.07 ng	383169	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Acq On : 22 Mar 2016 8:02
Operator : UM/SJ
Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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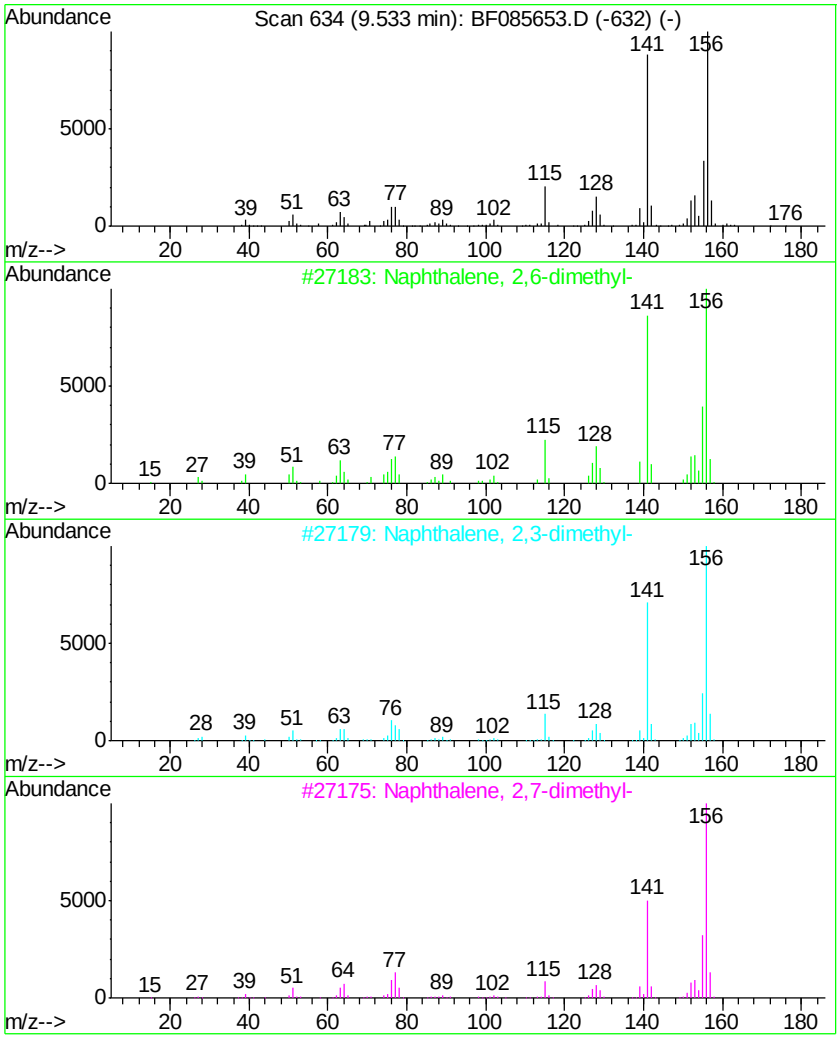
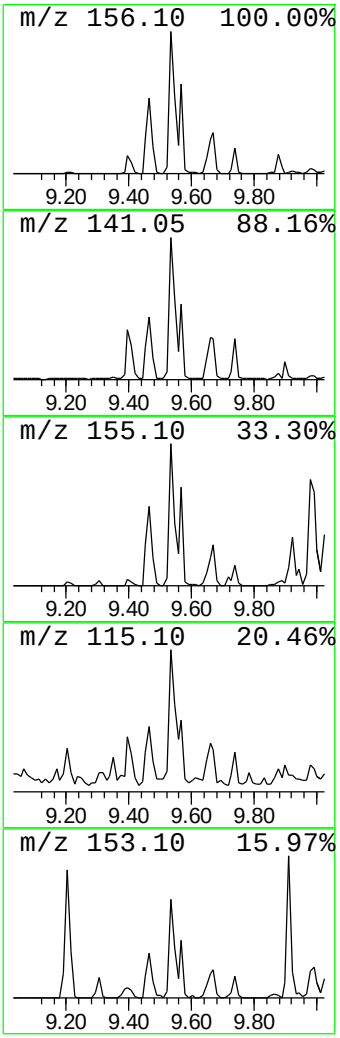
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	12.45 ng	674422	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Operator : UM/SJ
Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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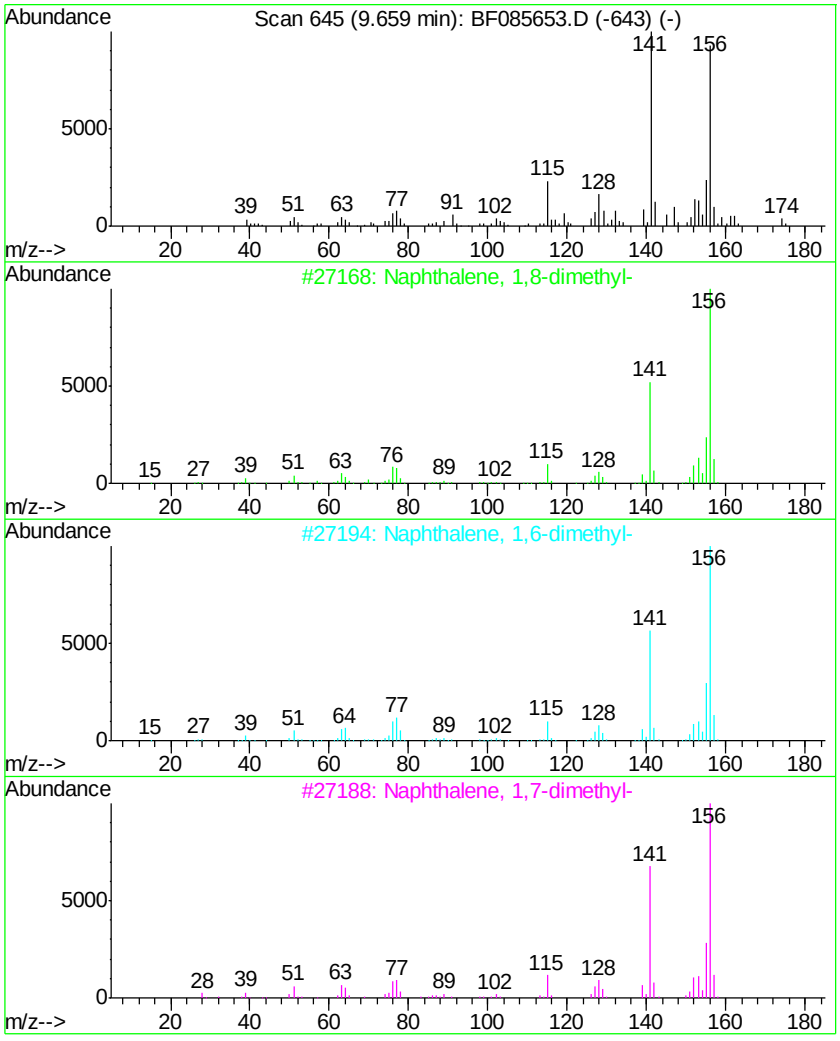
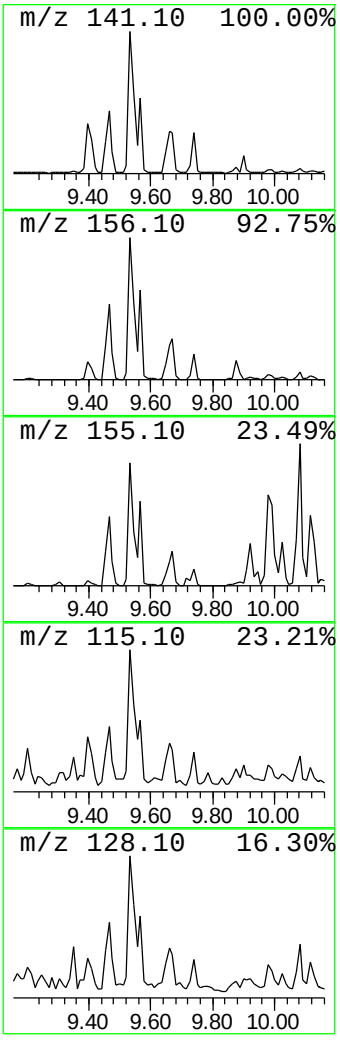
Peak Number 17 Naphthalene, 1,8-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	4.82 ng	260959	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Operator : UM/SJ
Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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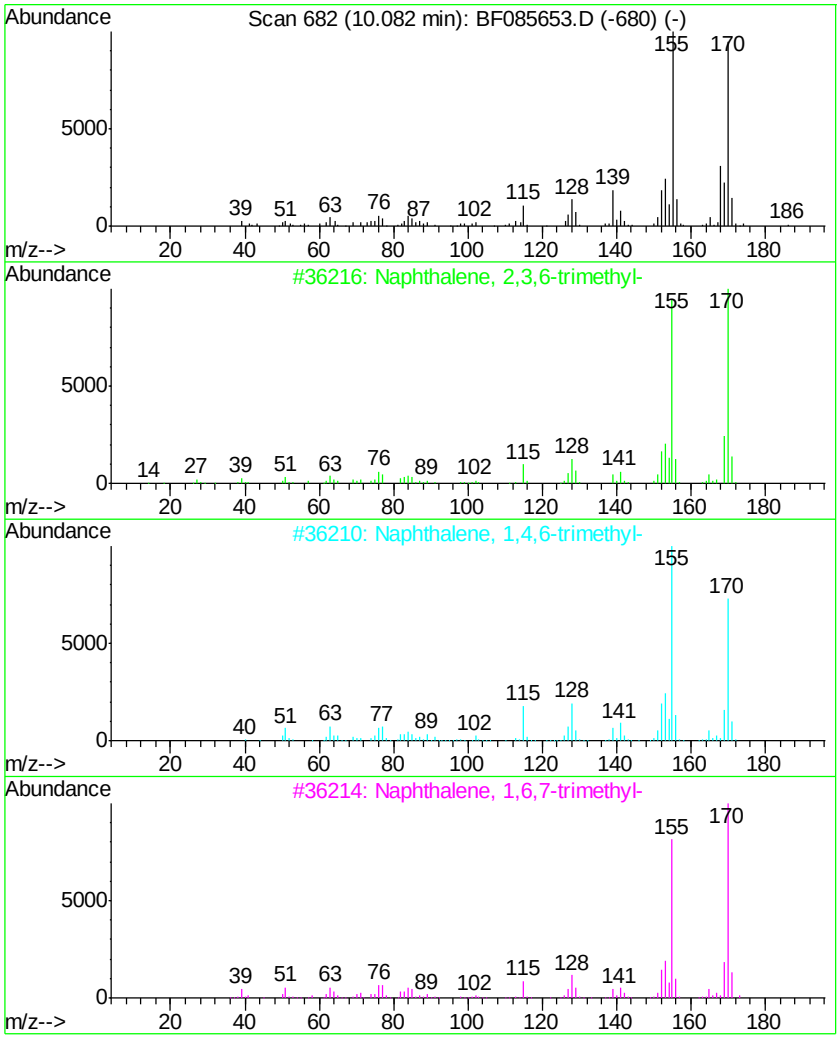
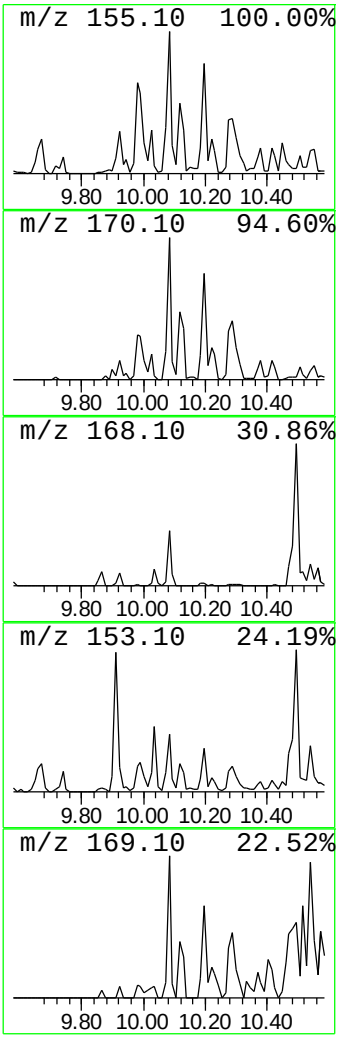
Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	3.74 ng	202723	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	90





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Acq On : 22 Mar 2016 8:02
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Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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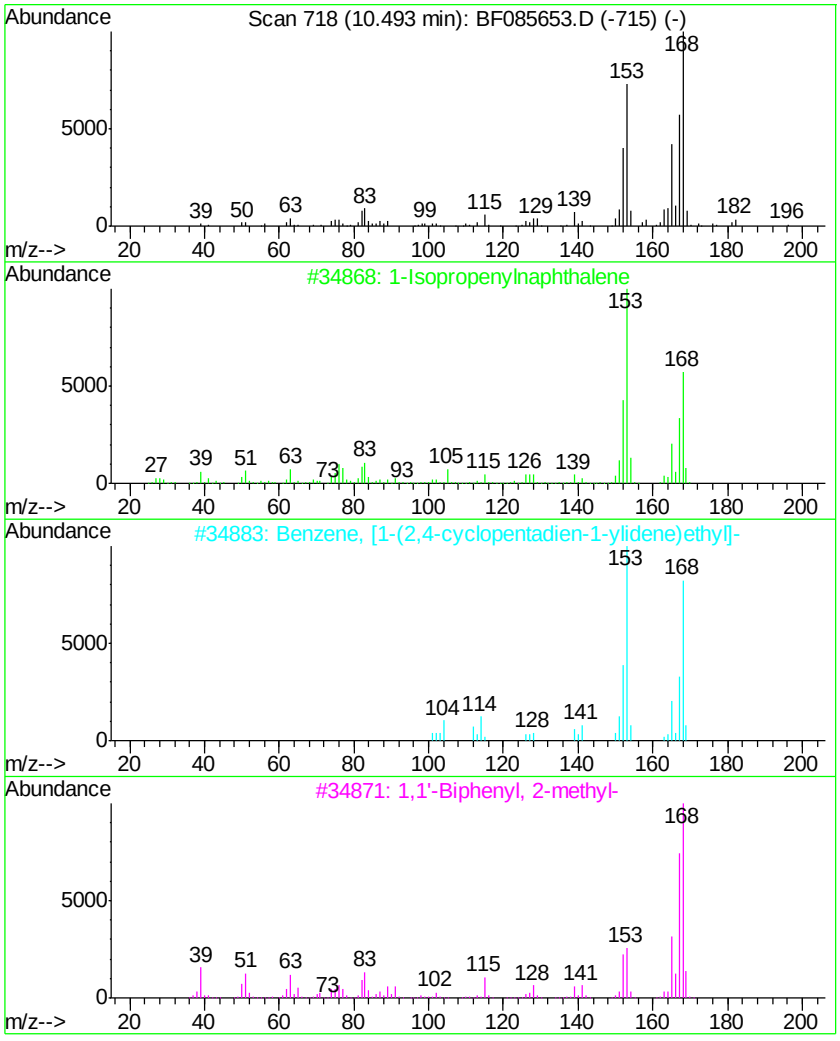
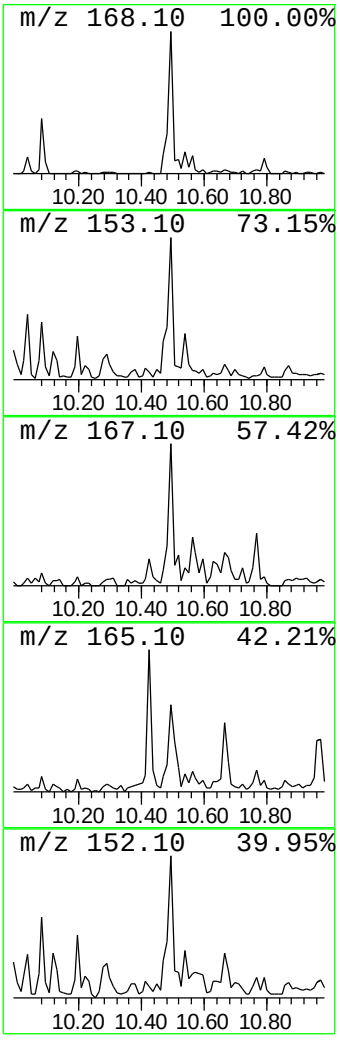
Peak Number 19 1-Isopropenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	4.15 ng	224846	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	47
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
5	1,2,3-Trimethoxybenzene	168	C9H12O3	000634-36-6	38





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ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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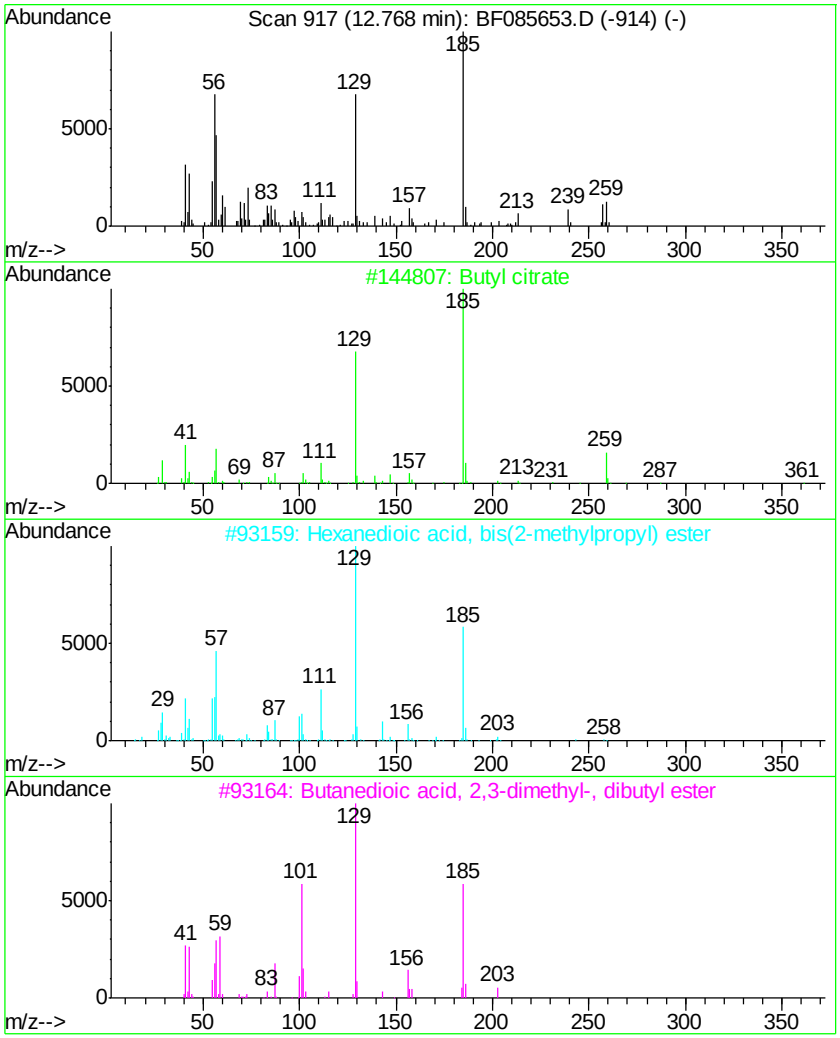
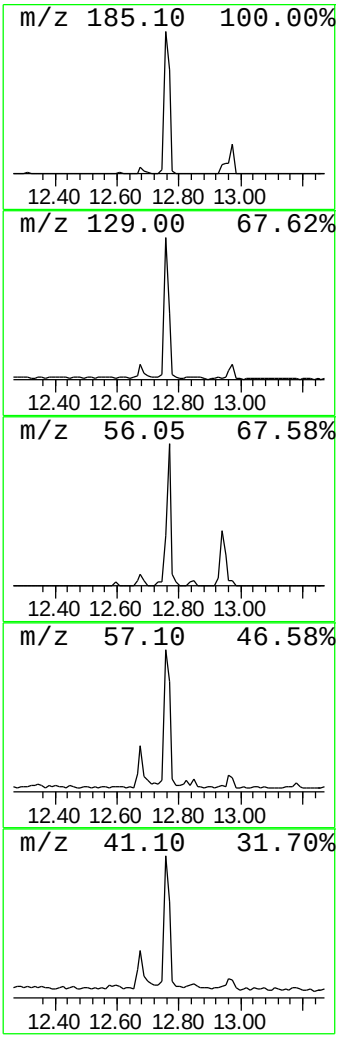
Peak Number 20 Butyl citrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	5.82 ng	207790	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	53
2	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	53
3	Butanedioic acid, 2,3-dimethyl-,...	258	C14H26O4	056051-57-1	37
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	30
5	3-Hydroxydiphenylamine	185	C12H11NO	000101-18-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085653.D
Acq On : 22 Mar 2016 8:02
Operator : UM/SJ
Sample : H1834-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 7GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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
2-Pentanone, 4-hy...	5.02	7.1	ng	290078	1	6.84	814234	20.0
Benzene, 1-ethyl-...	6.53	7.0	ng	287059	1	6.84	814234	20.0
unknown6.61	6.61	66.6	ng	2712120	1	6.84	814234	20.0
Benzene, 1,2,3-tr...	6.66	14.5	ng	588555	1	6.84	814234	20.0
Benzene, 1-ethyl-...	6.89	6.8	ng	276052	1	6.84	814234	20.0
Benzene, 1-ethyl-...	7.17	6.5	ng	266404	1	6.84	814234	20.0
Benzene, 2-ethyl-...	7.30	3.5	ng	141768	1	6.84	814234	20.0
Benzene, 1-methyl...	7.33	3.6	ng	145332	1	6.84	814234	20.0
Benzene, 2-etheny...	7.80	3.7	ng	395733	2	8.13	2130450	20.0
Naphthalene, 2-et...	9.40	3.7	ng	199379	3	9.88	1083250	20.0
Naphthalene, 2,7-...	9.46	7.1	ng	383169	3	9.88	1083250	20.0
Naphthalene, 2,6-...	9.53	12.4	ng	674422	3	9.88	1083250	20.0
Naphthalene, 1,8-...	9.66	4.8	ng	260959	3	9.88	1083250	20.0
Naphthalene, 2,3,...	10.08	3.7	ng	202723	3	9.88	1083250	20.0
1-Isopropenylnaph...	10.49	4.2	ng	224846	3	9.88	1083250	20.0
Butyl citrate	12.77	5.8	ng	207790	5	13.99	713701	20.0