LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092037.D
Acq On : 29 Dec 2016 21:20
Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

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-BF122116.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	4.190	181	184	191	rVB3	53584	131485	2.56%	0.223%
2	4.304	191	194	202	rVB3	55156	109181	2.13%	0.185%
3	4.590	215	219	220	rBV	43494	64689	1.26%	0.110%
4	4.830	238	240	244	rBV	781626	1013350	19.76%	1.720%
5	4.899	244	246	251	rVB2	37317	69160	1.35%	0.117%
6	5.230	272	275	276	rBV2	65970	99117	1.93%	0.168%
7	5.299	279	281	283	rBV	3141144	3225710	62.89%	5.476%
8	5.424	290	292	297	rVB5	31352	78259	1.53%	0.133%
9	5.527	297	301	304	rVV5	30920	72455	1.41%	0.123%
10	5.584	304	306	309	rVB	46986	65509	1.28%	0.111%
11	5.676	312	314	316	rBV2	36120	57706	1.13%	0.098%
12	5.836	325	328	331	rBV2	102892	198115	3.86%	0.336%
13	5.904	331	334	340	rVB6	32044	117893	2.30%	0.200%
14	5.996	340	342	344	rBV3	27853	60851	1.19%	0.103%
15	6.110	349	352	353	rVV2	45901	75453	1.47%	0.128%
16	6.144	353	355	357	rVB	60384	76913	1.50%	0.131%
17	6.202	357	360	362	rBV4	27912	56596	1.10%	0.096%
18	6.293	366	368	369	rBV	80114	112063	2.18%	0.190%
19	6.350	371	373	380	rVB	1802027	1831162	35.70%	3.108%
20	6.465	380	383	386	rBV	4243052	4007933	78.14%	6.803%
21	6.510	386	387	391	rVB2	48957	100131	1.95%	0.170%
22	6.647	395	399	401	rBV2	79037	112201	2.19%	0.190%
23	6.693	401	403	405	rBV	1039450	1049794	20.47%	1.782%
24	6.853	414	417	419	rBV	2877379	3972895	77.46%	6.744%
25	6.945	423	425	427	rVB	302200	242967	4.74%	0.412%
26	7.036	430	433	436	rBV3	219572	368017	7.18%	0.625%
27	7.093	436	438	440	rBV3	47905	91447	1.78%	0.155%
28	7.139	440	442	447	rBV2	99193	175323	3.42%	0.298%
29	7.265	450	453	455	rVV	3720413	4042758	78.82%	6.863%
30	7.299	455	456	458	rVB2	74206	95288	1.86%	0.162%
31	7.345	458	460	462	rBV3	139093	153244	2.99%	0.260%
32	7.390	462	464	468	rVB2	157207	250801	4.89%	0.426%
33	7.470	468	471	472	rBV	312795	309661	6.04%	0.526%
34	7.550	476	478	480	rBV2	95475	143286	2.79%	0.243%

LSC Area Percent Report

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Acq On : 29 Dec 2016 21:20
Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.653	483	487	490	rVB3	298383	620968	12.11%	1.054%
36	7.722	490	493	495	rBV	205658	325130	6.34%	0.552%
37	7.756	495	496	497	rBV	94696	79251	1.55%	0.135%
38	7.790	497	499	503	rVB5	120260	193264	3.77%	0.328%
39	7.916	506	510	513	rBV3	242097	471443	9.19%	0.800%
40	7.973	513	515	519	rBV	1433816	1850165	36.07%	3.141%
41	8.030	519	520	522	rVB	232791	173006	3.37%	0.294%
42	8.110	522	527	528	rBV4	85475	164165	3.20%	0.279%
43	8.225	532	537	538	rBV4	100390	157697	3.07%	0.268%
44	8.259	538	540	543	rVB4	90682	173880	3.39%	0.295%
45	8.339	545	547	548	rBV2	73386	112479	2.19%	0.191%
46	8.362	548	549	552	rVB2	140413	194278	3.79%	0.330%
47	8.453	552	557	560	rBV6	181459	411390	8.02%	0.698%
48	8.510	560	562	563	rBV	358827	312543	6.09%	0.531%
49	8.568	566	567	569	rBV2	58714	79273	1.55%	0.135%
50	8.602	569	570	572	rBV2	83779	73497	1.43%	0.125%
51	8.648	572	574	575	rVB	119283	151311	2.95%	0.257%
52	8.682	575	577	579	rBV3	98274	174778	3.41%	0.297%
53	8.728	579	581	584	rBV2	194135	317759	6.20%	0.539%
54	8.785	584	586	588	rBV	665195	719497	14.03%	1.221%
55	8.865	591	593	595	rVB3	60871	88364	1.72%	0.150%
56	8.956	597	601	604	rBV4	173325	572851	11.17%	0.972%
57	9.013	604	606	607	rBV	199615	178994	3.49%	0.304%
58	9.059	607	610	612	rVB	5439324	5128939	100.00%	8.706%
59	9.242	622	626	627	rBV2	183651	240086	4.68%	0.408%
60	9.276	627	629	631	rVB3	163307	236787	4.62%	0.402%
61	9.322	631	633	636	rBV3	72051	114094	2.22%	0.194%
62	9.390	636	639	641	rBV3	398764	823061	16.05%	1.397%
63	9.425	641	642	643	rVB	201789	138326	2.70%	0.235%
64	9.459	643	645	648	rVB	197014	223458	4.36%	0.379%
65	9.505	648	649	650	rBV	180098	151233	2.95%	0.257%
66	9.585	654	656	658	rBV	401954	393197	7.67%	0.667%
67	9.676	662	664	666	rBV	268533	317884	6.20%	0.540%
68	9.733	666	669	670	rBV	1339642	1645149	32.08%	2.793%
69	9.813	674	676	677	rBV2	356654	346132	6.75%	0.588%
70	9.905	682	684	685	rBV	139118	144124	2.81%	0.245%
71	9.973	688	690	691	rBV	122589	187149	3.65%	0.318%

LSC Area Percent Report

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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
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.019	692	694	695	rBV2	336743	352400	6.87%	0.598%
73	10.111	700	702	705	rVV3	757116	1077426	21.01%	1.829%
74	10.168	705	707	709	rVB3	347501	467857	9.12%	0.794%
75	10.271	714	716	718	rBV3	199577	314506	6.13%	0.534%
76	10.305	718	719	721	rBV2	114055	167191	3.26%	0.284%
77	10.442	728	731	734	rBV3	198346	420253	8.19%	0.713%
78	10.522	734	738	741	rVB2	3038580	3799465	74.08%	6.450%
79	10.648	747	749	752	rBV3	118444	221825	4.32%	0.377%
80	10.728	754	756	757	rBV	136263	151421	2.95%	0.257%
81	10.865	767	768	772	rBV4	204564	380246	7.41%	0.645%
82	11.059	783	785	786	rBV2	166991	177721	3.47%	0.302%
83	11.082	786	787	789	rVB2	369595	425664	8.30%	0.723%
84	11.208	796	798	800	rVB	1758318	1628396	31.75%	2.764%
85	11.768	845	847	850	rVB	478458	541475	10.56%	0.919%
86	12.442	905	906	913	rVB7	106020	195576	3.81%	0.332%
87	12.545	913	915	926	rVB	490505	733737	14.31%	1.246%
88	12.797	934	937	940	rVB	3805698	4756346	92.74%	8.074%
89	13.379	986	988	990	rVB	156303	194035	3.78%	0.329%
90	13.700	1014	1016	1022	rVB3	108052	181237	3.53%	0.308%
91	13.837	1026	1028	1031	rBV	1261929	1336436	26.06%	2.269%
92	15.220	1146	1149	1152	rBV	716975	955262	18.62%	1.622%
93	17.574	1352	1355	1357	rBV4	25407	57022	1.11%	0.097%
94	19.083	1483	1487	1491	rBV7	12223	57889	1.13%	0.098%

Sum of corrected areas: 58910401

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
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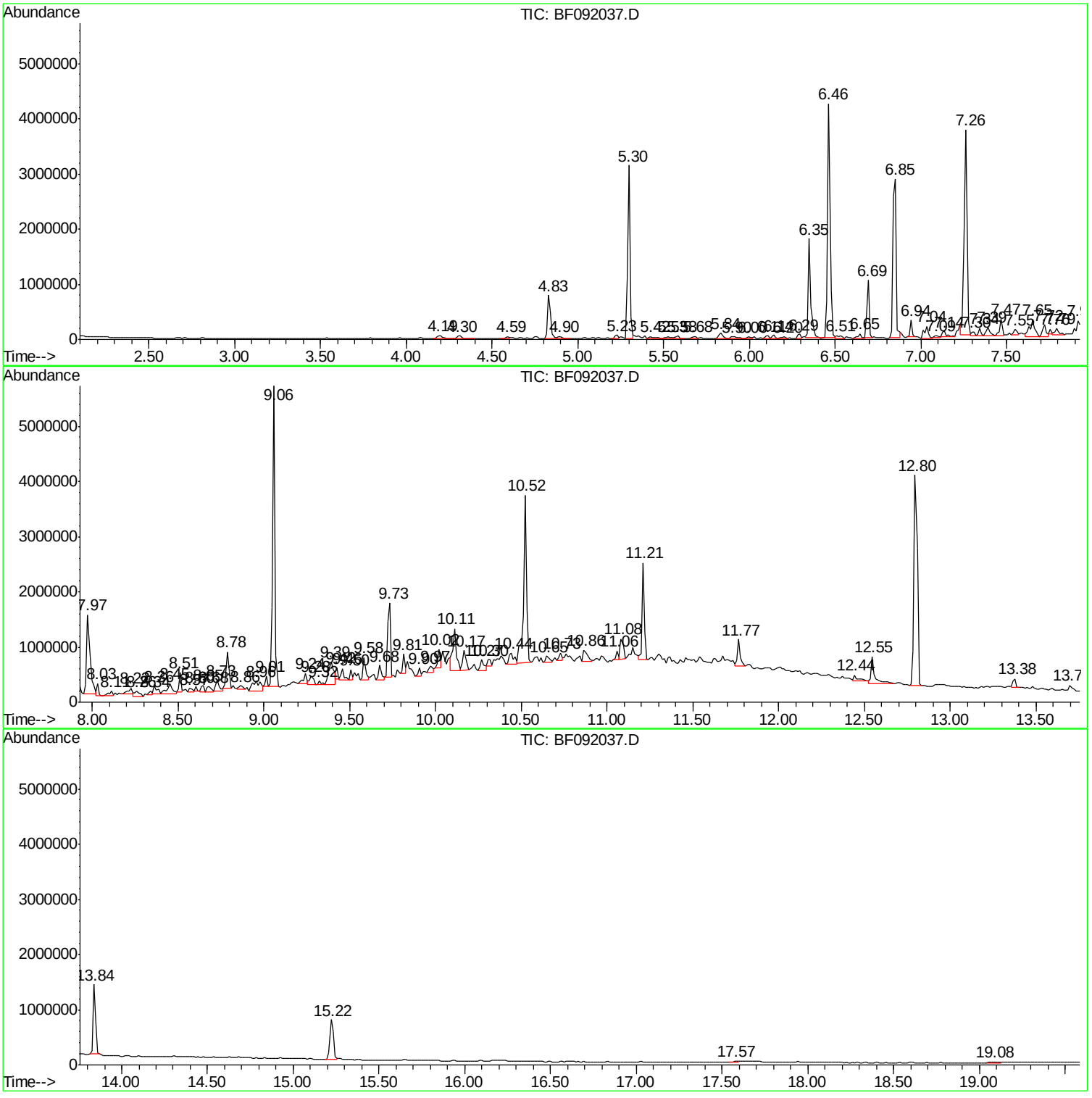
Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092037.D
Acq On : 29 Dec 2016 21:20
Operator : UM/SJ
Sample : H6301-08
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Instrument : BNA_F
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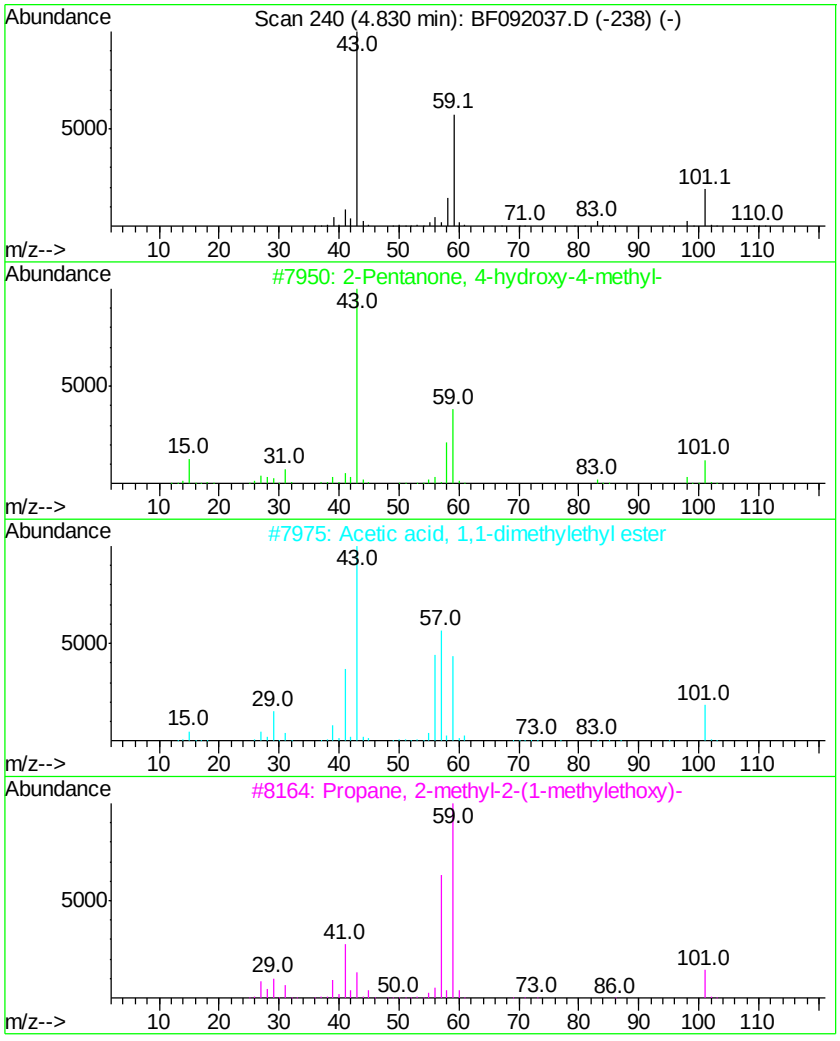
TIC Integration Parameters: LSCINT.P

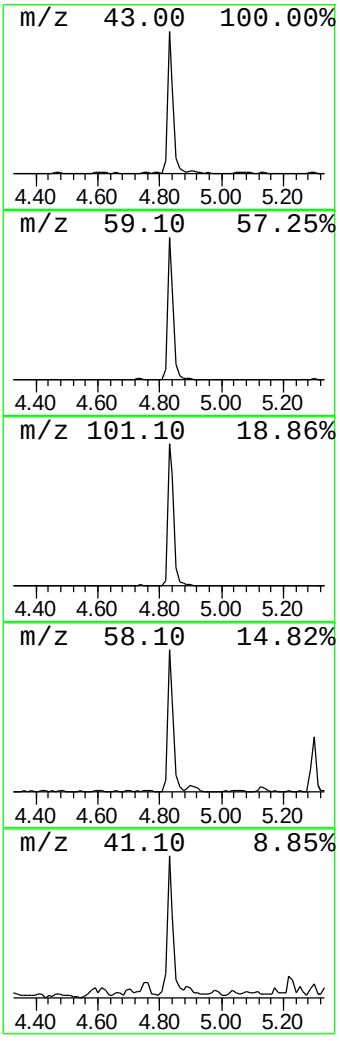
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	19.31 ng	1013350	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092037.D
Acq On : 29 Dec 2016 21:20
Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

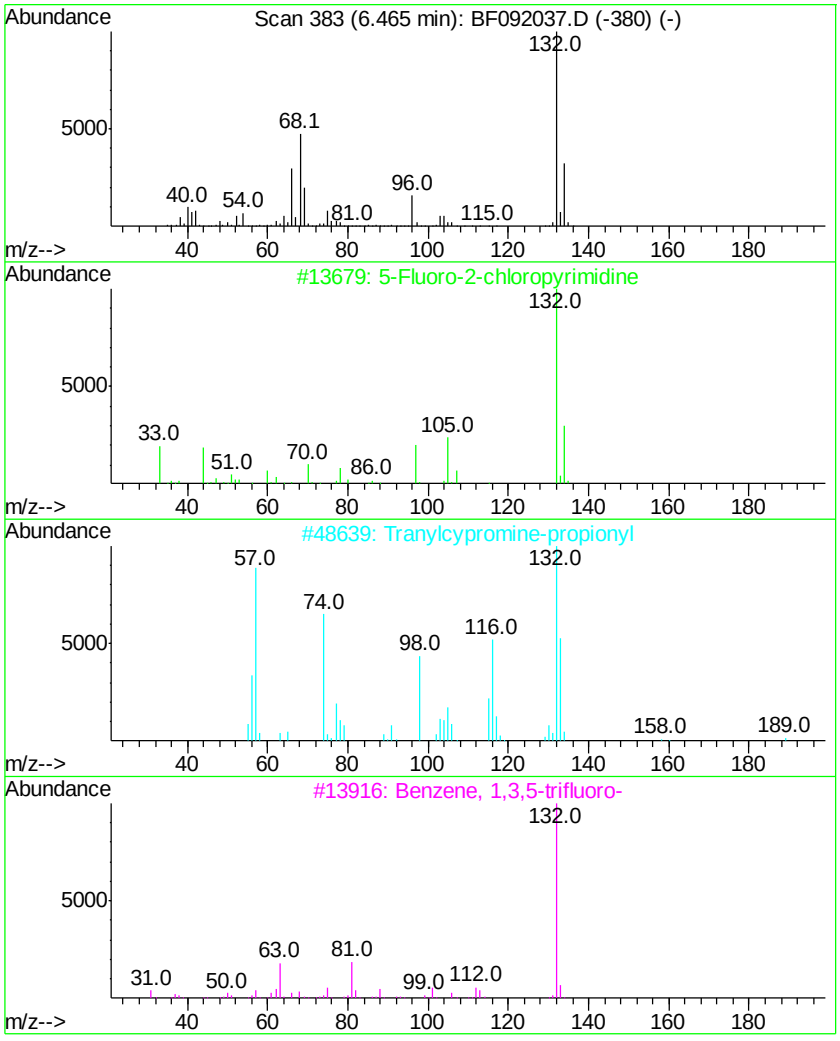
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

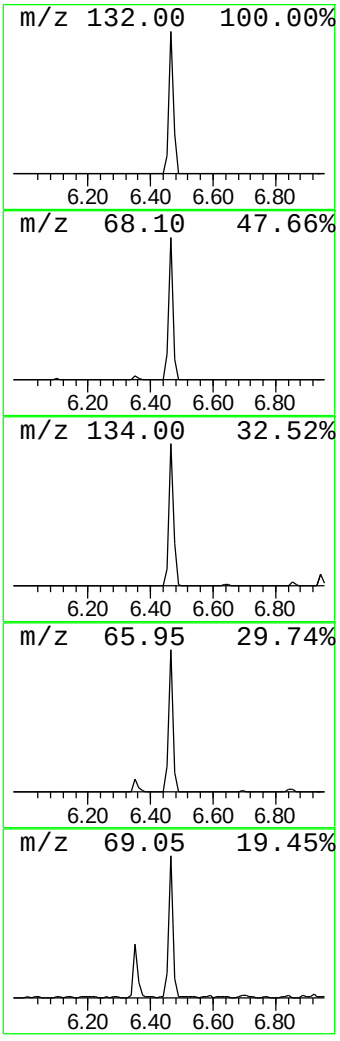
****

Peak Number 2 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	76.36 ng	4007930	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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TIC Library : C:\DATABASE\NIST02.L
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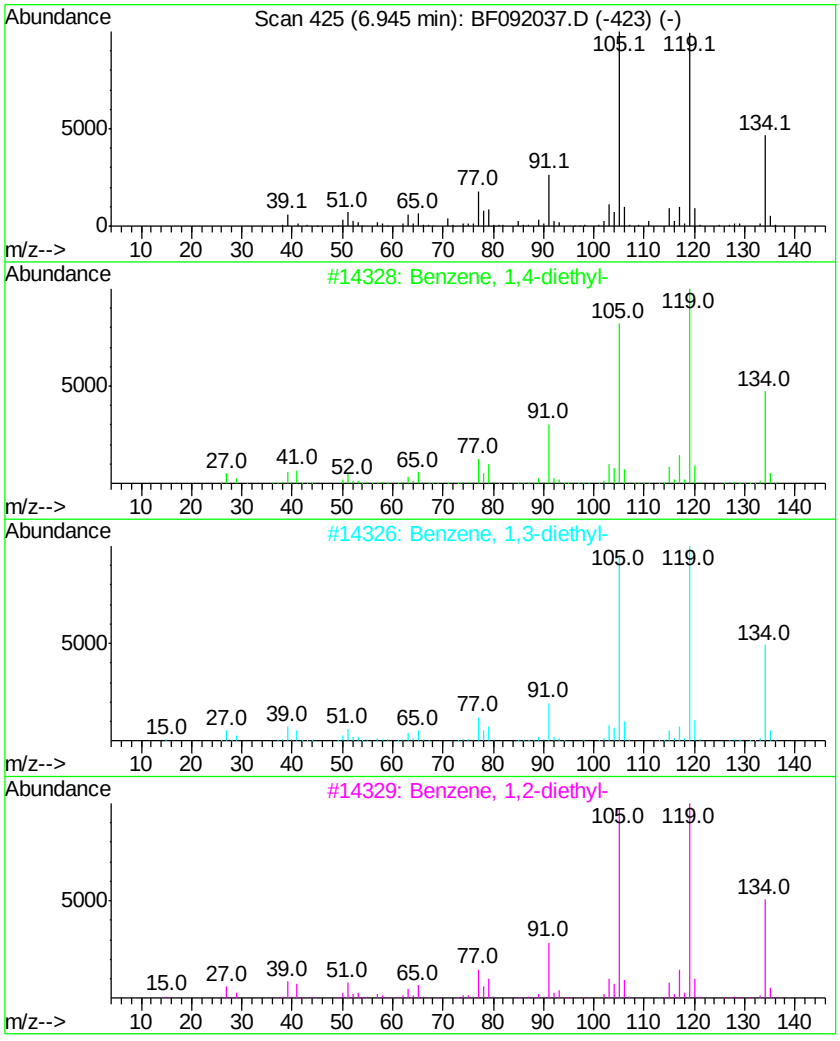
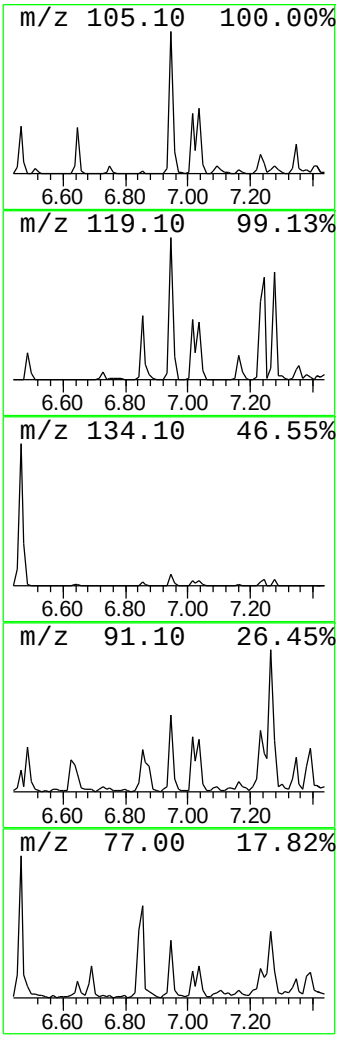
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	4.63 ng	242967	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
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	90





Library Search Compound Report

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

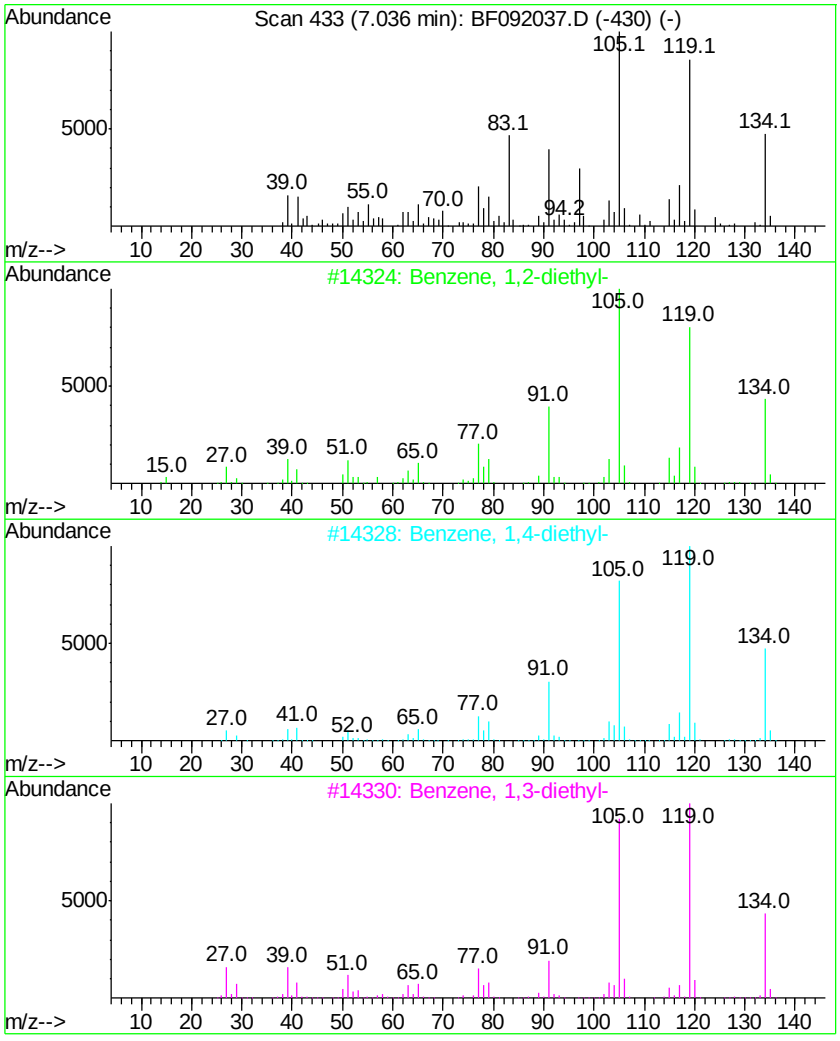
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

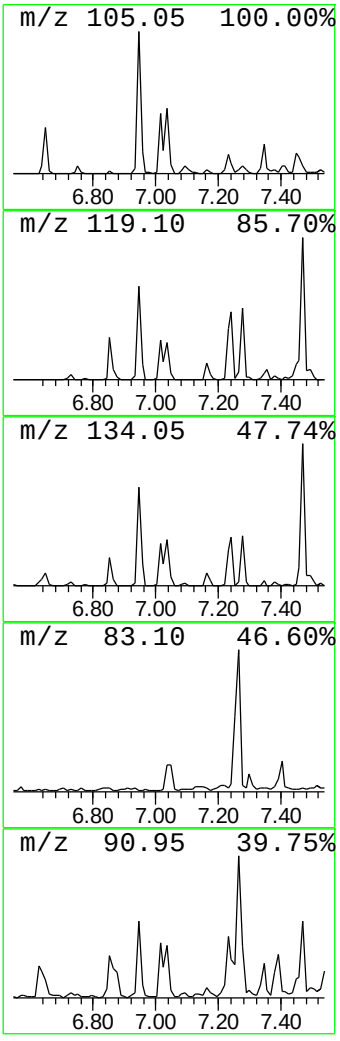
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	7.01 ng	368017	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	55
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49





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Sample : H6301-08
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Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

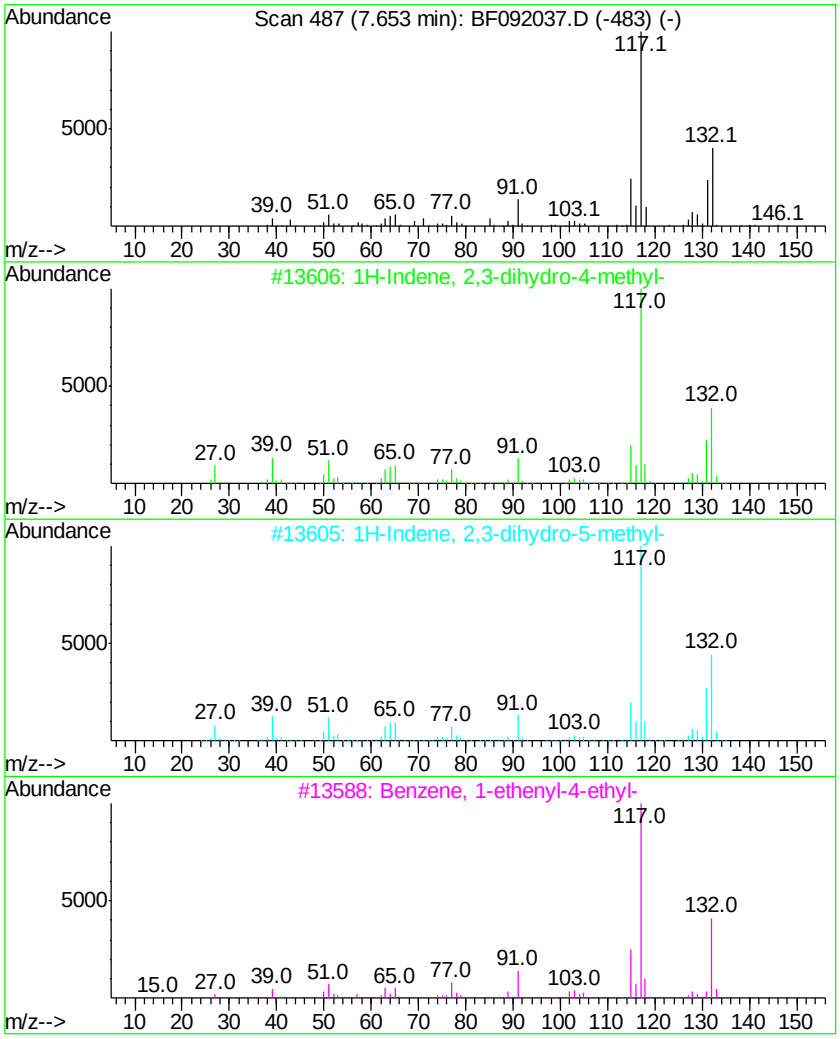
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

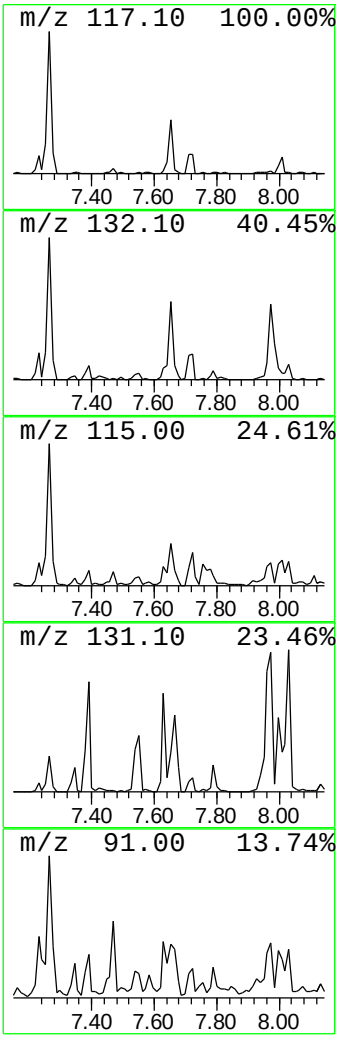
****

Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	6.71 ng	620968	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80





Library Search Compound Report

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Data File : BF092037.D
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Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

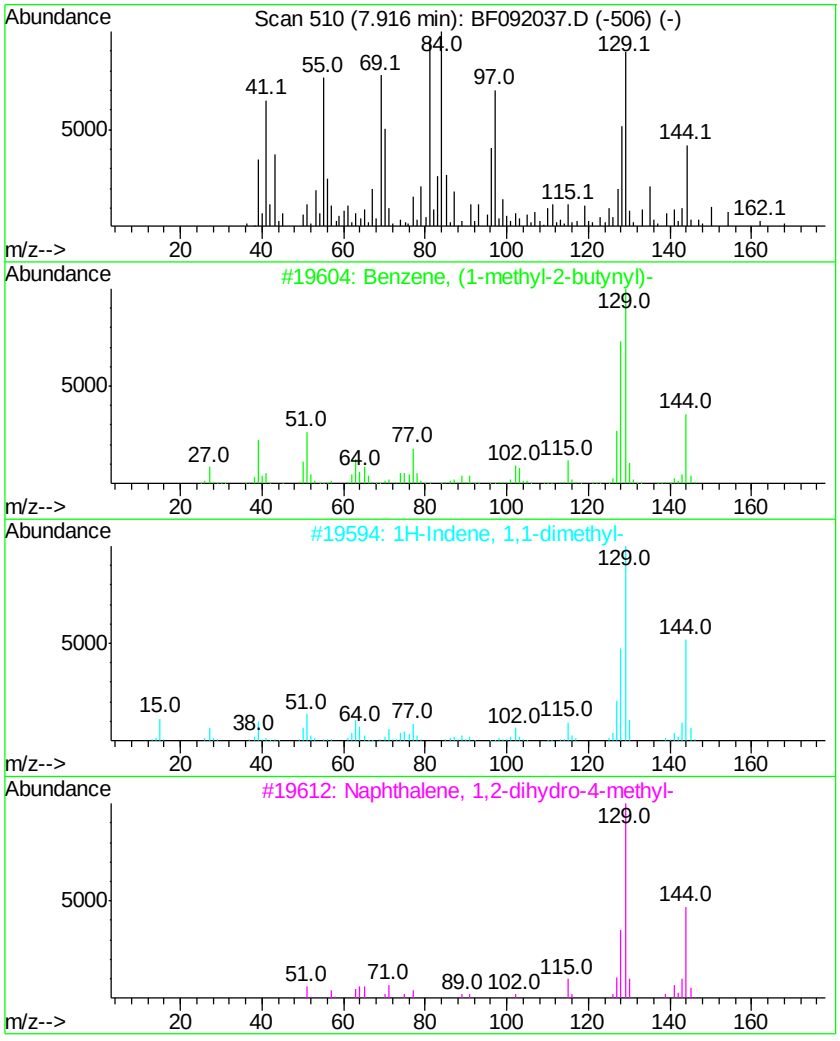
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

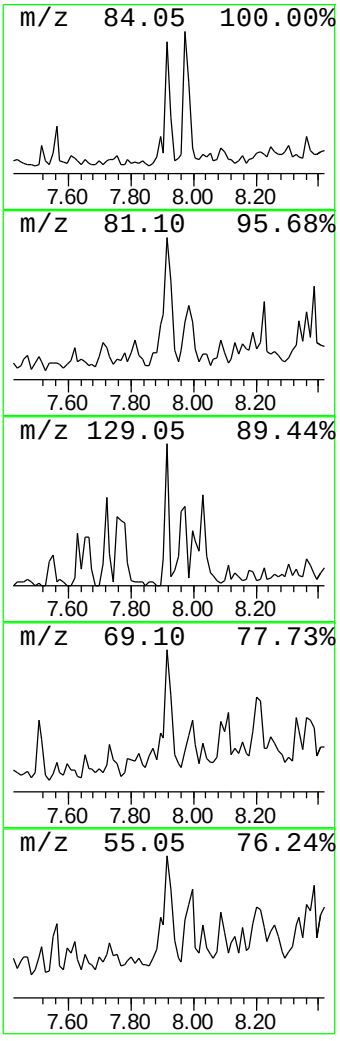
****

Peak Number 7 Benzene, (1-methyl-2-butynyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	5.10 ng	471443	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	76
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	25
3	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	25
4	Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	18
5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	18





Library Search Compound Report

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Data File : BF092037.D
Acq On : 29 Dec 2016 21:20
Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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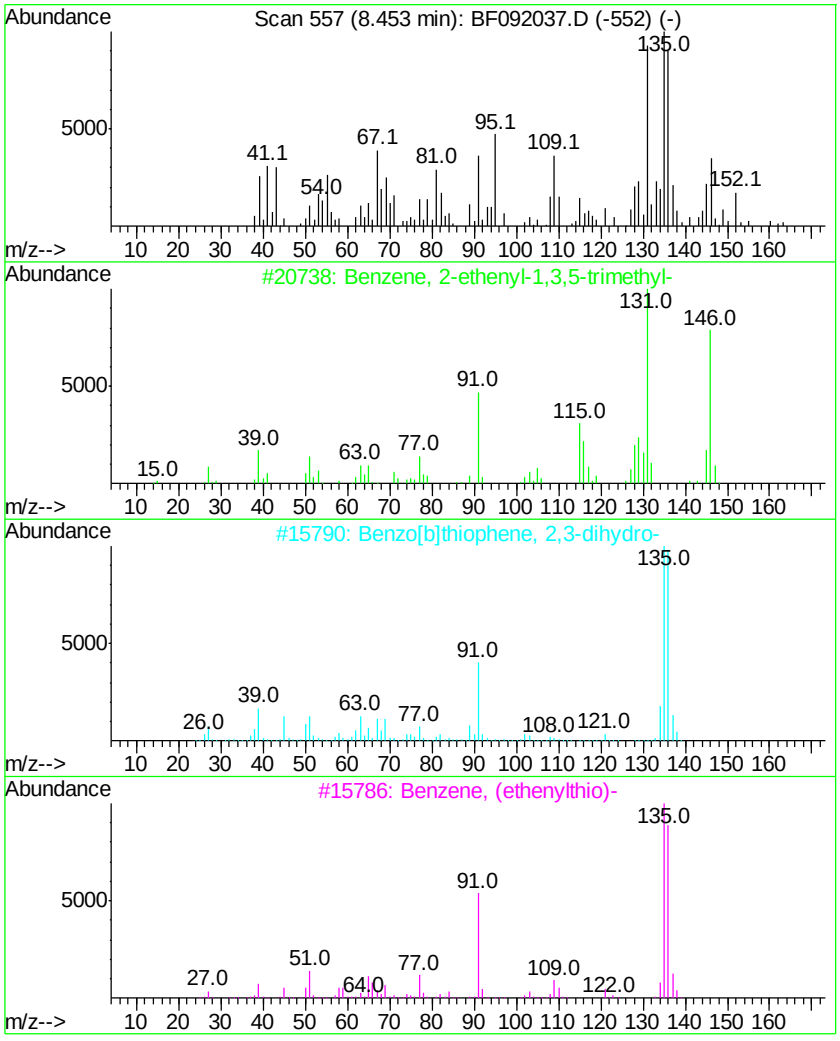
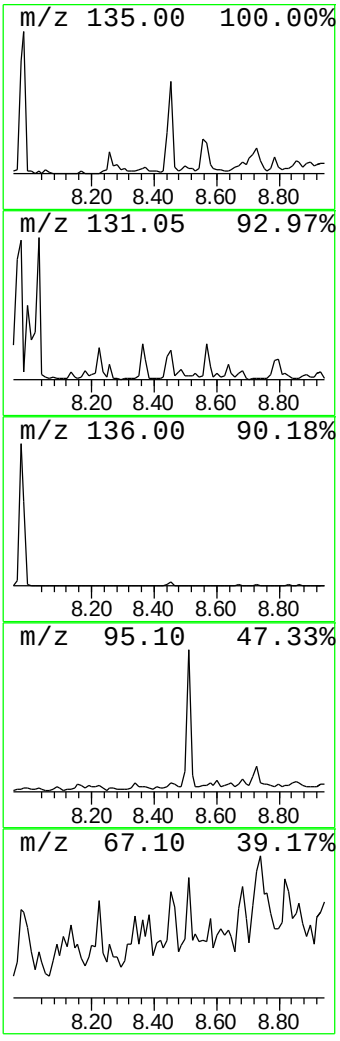
Peak Number 8 unknown8.45 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	4.45 ng	411390	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	38
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	38
3	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	30
4	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	30
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	25





Library Search Compound Report

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Acq On : 29 Dec 2016 21:20
Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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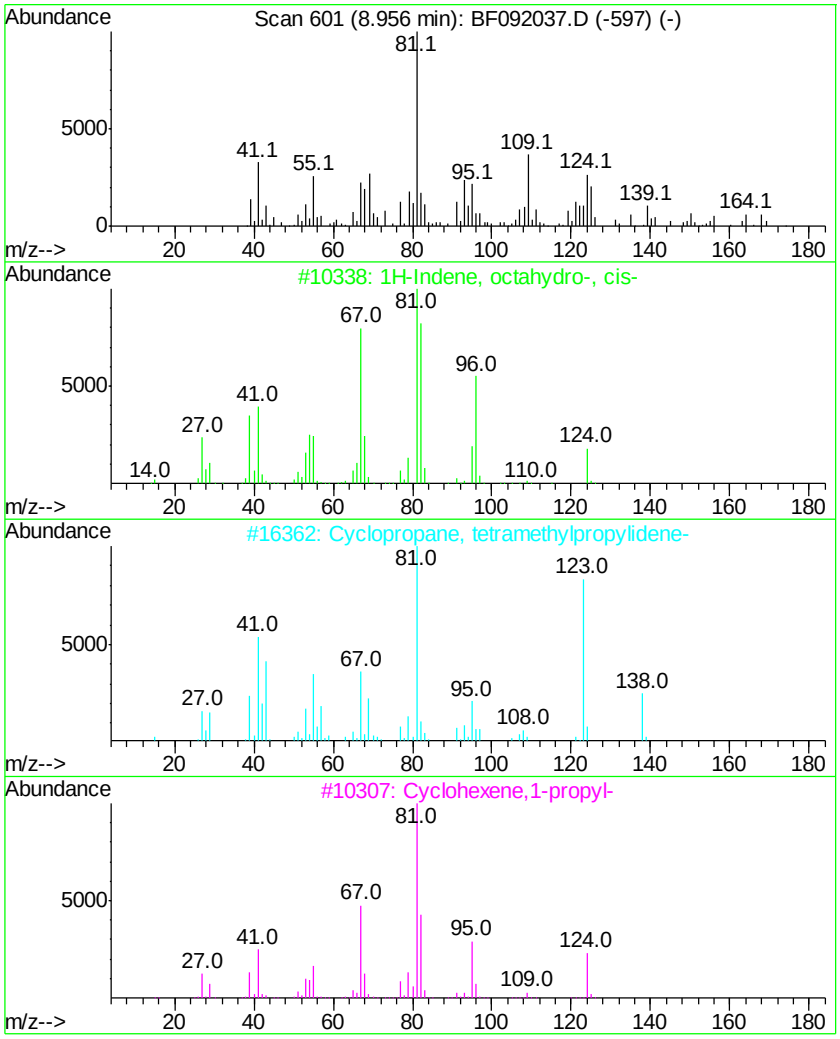
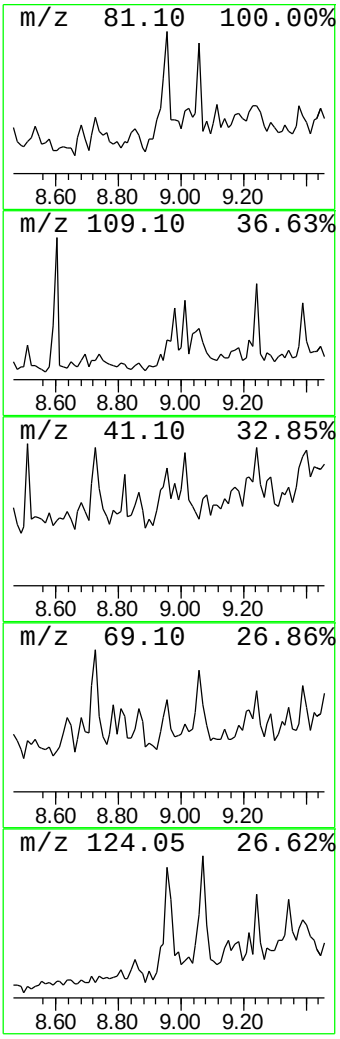
Peak Number 10 unknown8.96 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	6.96 ng	572851	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	38
2	Cyclopropane, tetramethylpropyli...	138	C10H18	024519-04-8	38
3	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	38
4	Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	37
5	Fenchol, exo-	154	C10H18O	022627-95-8	35





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Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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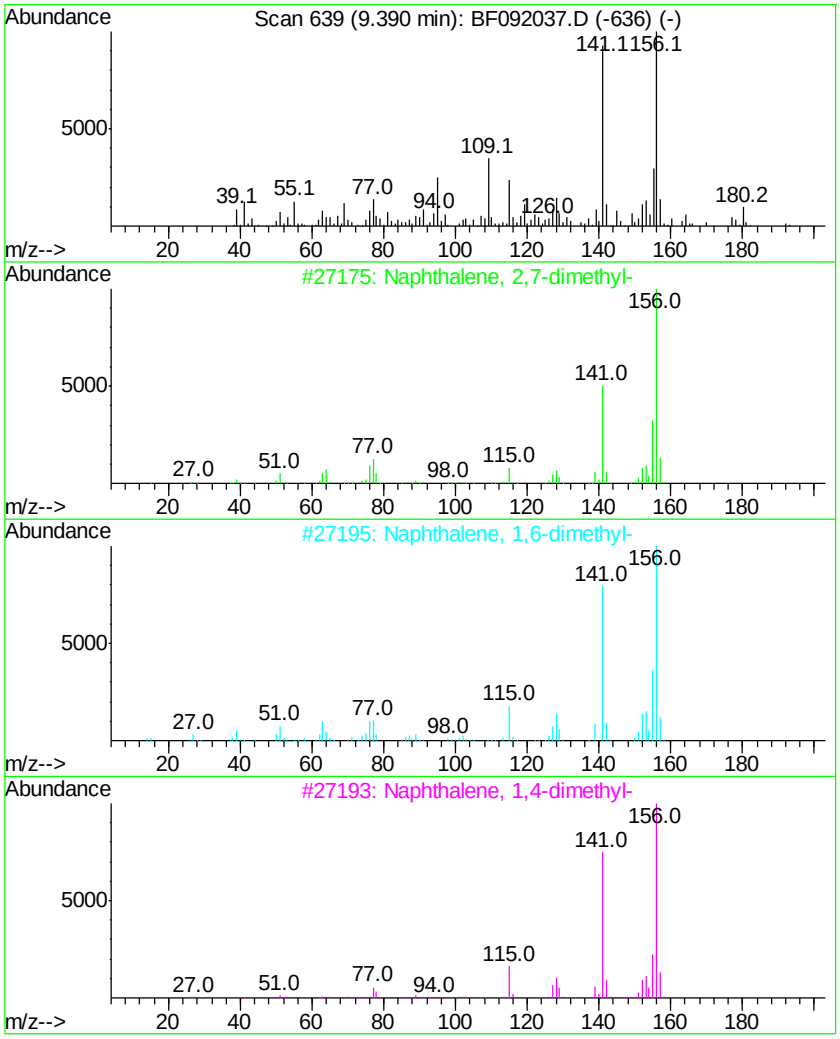
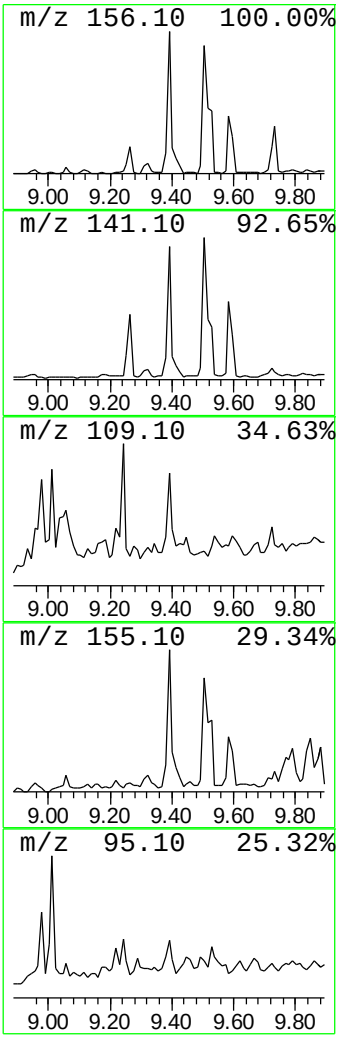
Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	10.01 ng	823061	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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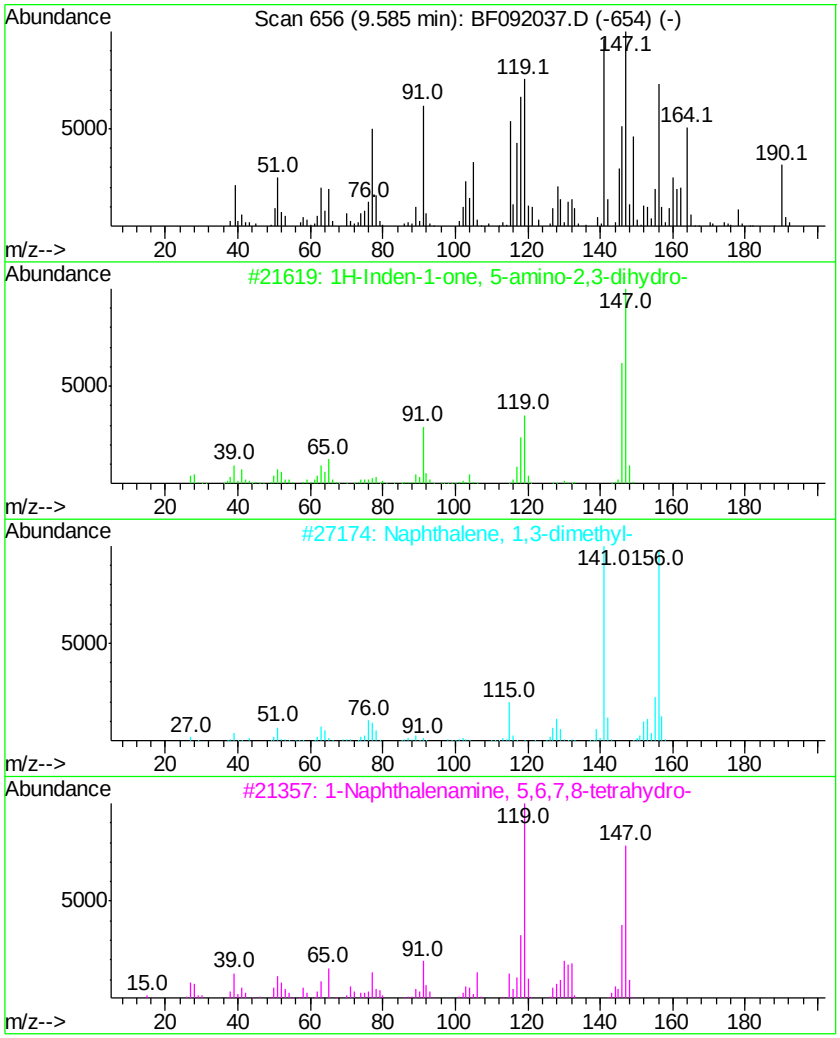
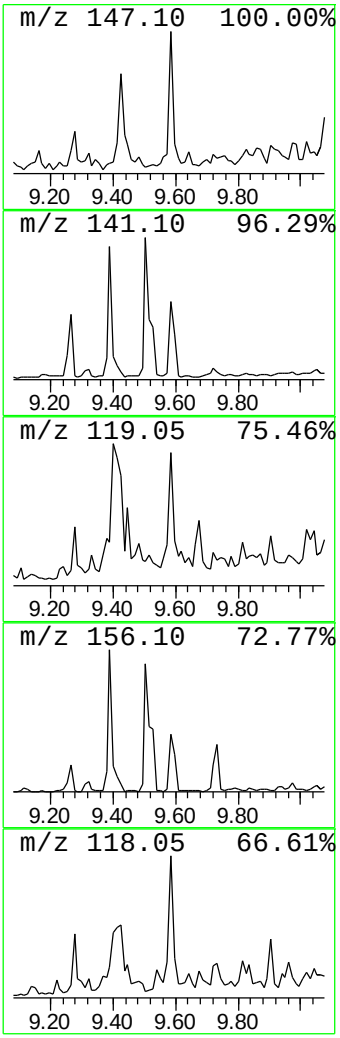
Peak Number 12 1H-Inden-1-one, 5-amino-2,3... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	4.78 ng	393197	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 5-amino-2,3-dihy...	147	C9H9NO	003470-54-0	64
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	53
3	1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	46
4	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	38
5	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	35





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Acq On : 29 Dec 2016 21:20
Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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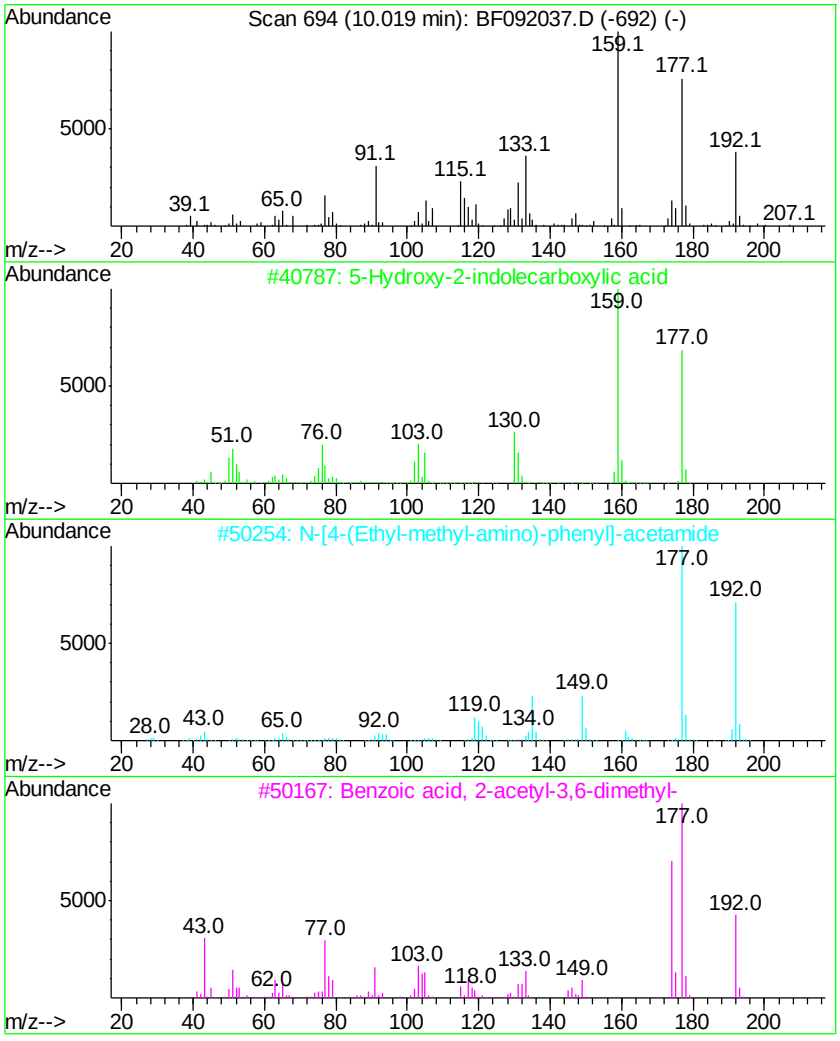
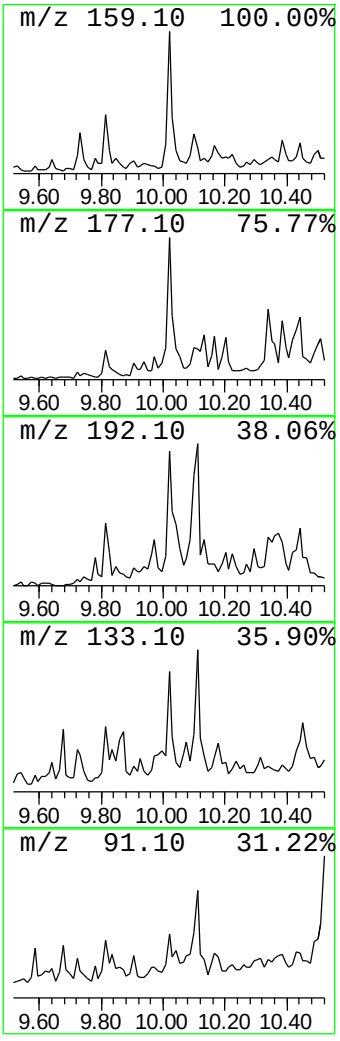
Peak Number 13 5-Hydroxy-2-indolecarboxyli... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	4.28 ng	352400	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hydroxy-2-indolecarboxylic acid	177	C9H7NO3	021598-06-1	50
2	N-[4-(Ethyl-methyl-amino)-phenyl...	192	C11H16N2O	099981-45-0	38
3	Benzoic acid, 2-acetyl-3,6-dimet...	192	C11H12O3	146950-86-9	38
4	2,6-Diisopropylanisole	192	C13H20O	002944-52-7	38
5	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	35





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Acq On : 29 Dec 2016 21:20
Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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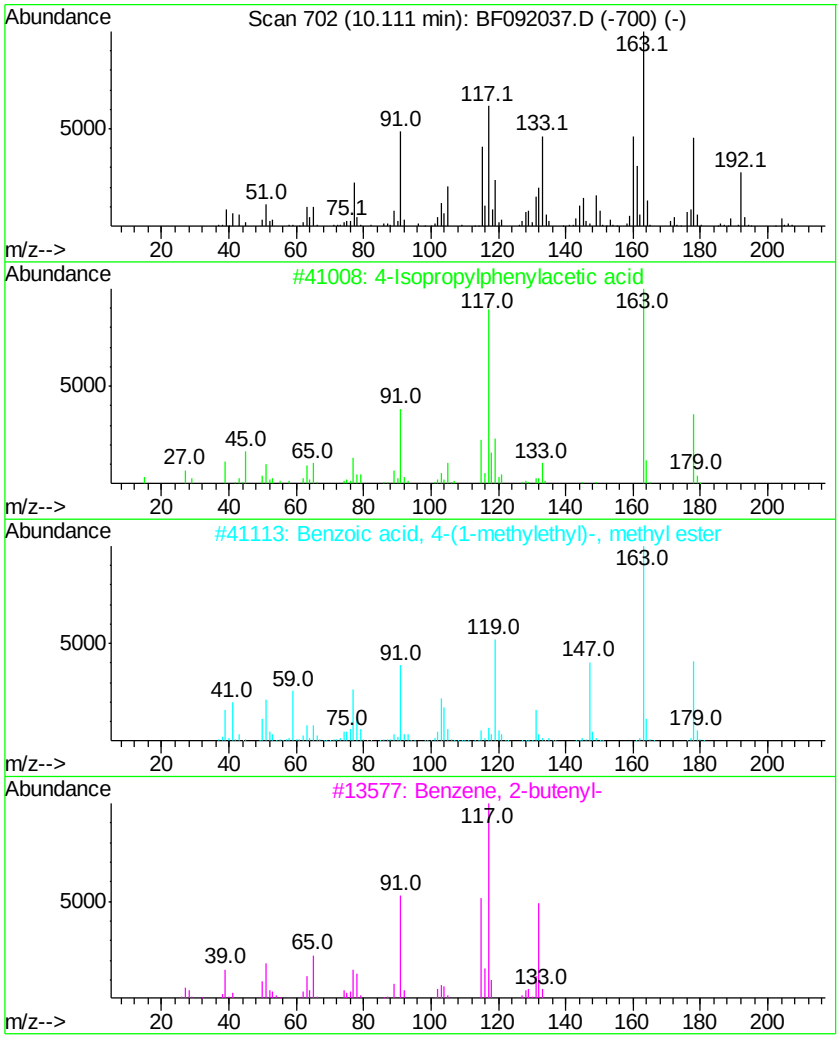
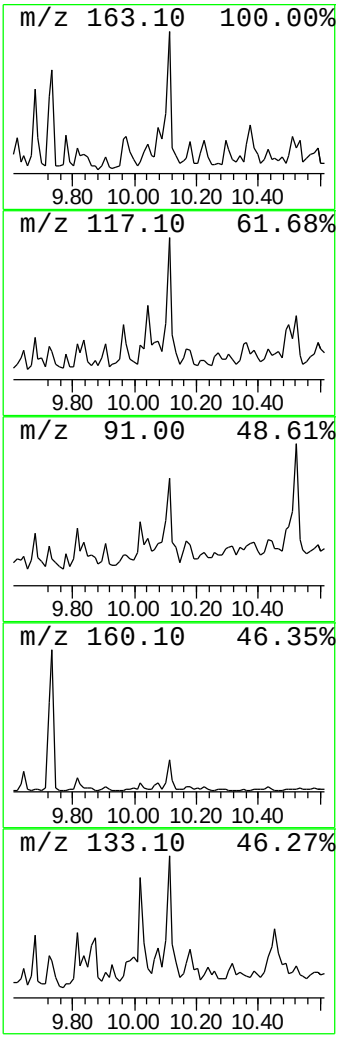
Peak Number 14 unknown10.11 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	13.10 ng	1077430	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	46
2	Benzoic acid, 4-(1-methylethyl)-...	178	C11H14O2	020185-55-1	38
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	25
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	25
5	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
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Acq On : 29 Dec 2016 21:20
Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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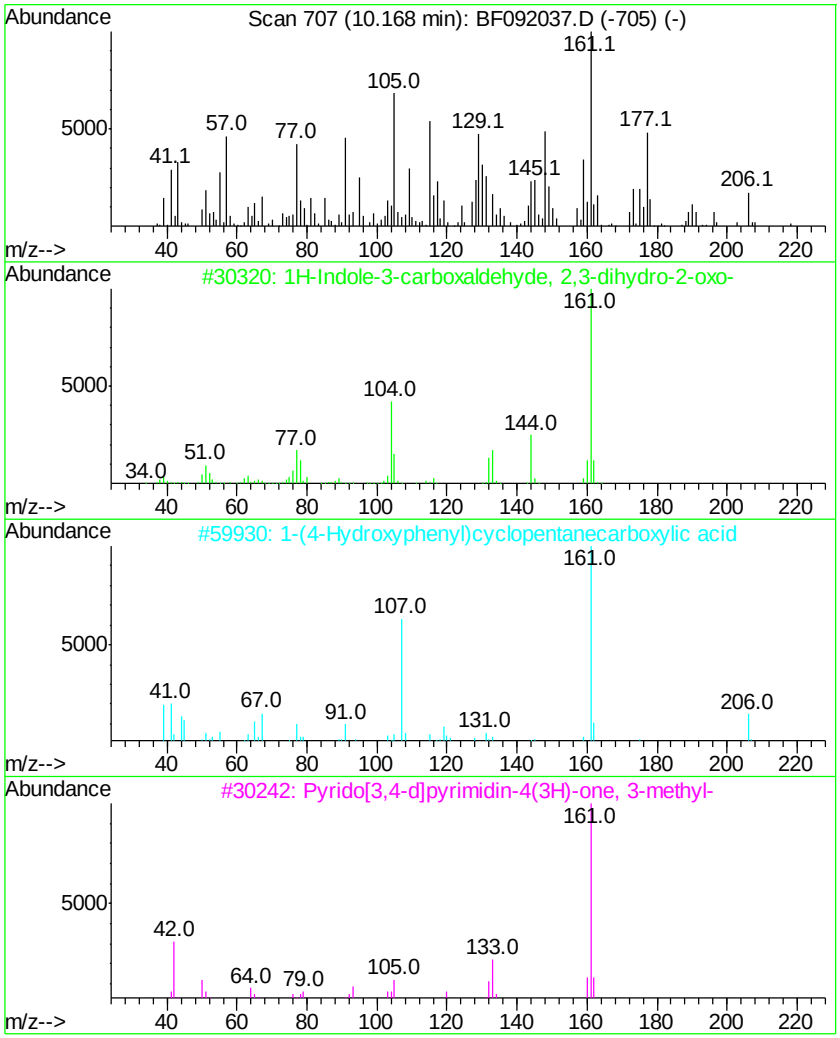
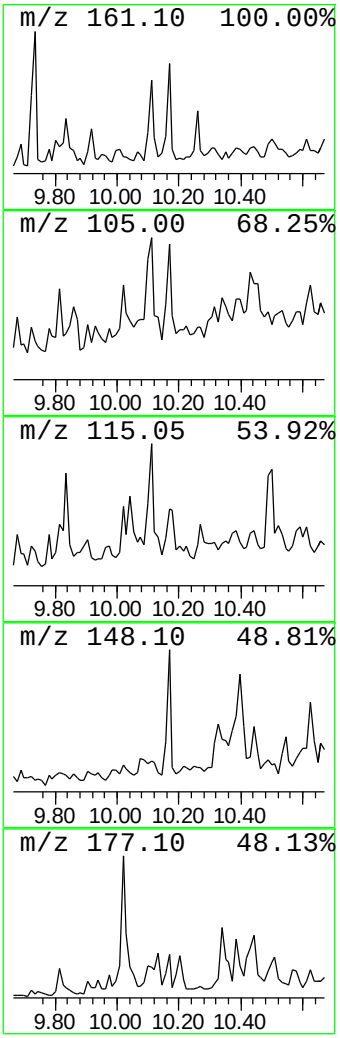
Peak Number 15 unknown10.17 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	5.69 ng	467857	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-3-carboxaldehyde, 2,3-...	161	C9H7NO2	078610-70-5	20
2	1-(4-Hydroxyphenyl)cyclopentanec...	206	C12H14O3	091496-64-9	18
3	Pyrido[3,4-d]pyrimidin-4(3H)-one...	161	C8H7N3O	022389-82-8	15
4	Benzene, 1,2,3,4-tetramethyl-5-(...	176	C13H20	061142-67-4	14
5	3-Hydroxymethylene-2-indolinone	161	C9H7NO2	063273-23-4	14





Library Search Compound Report

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Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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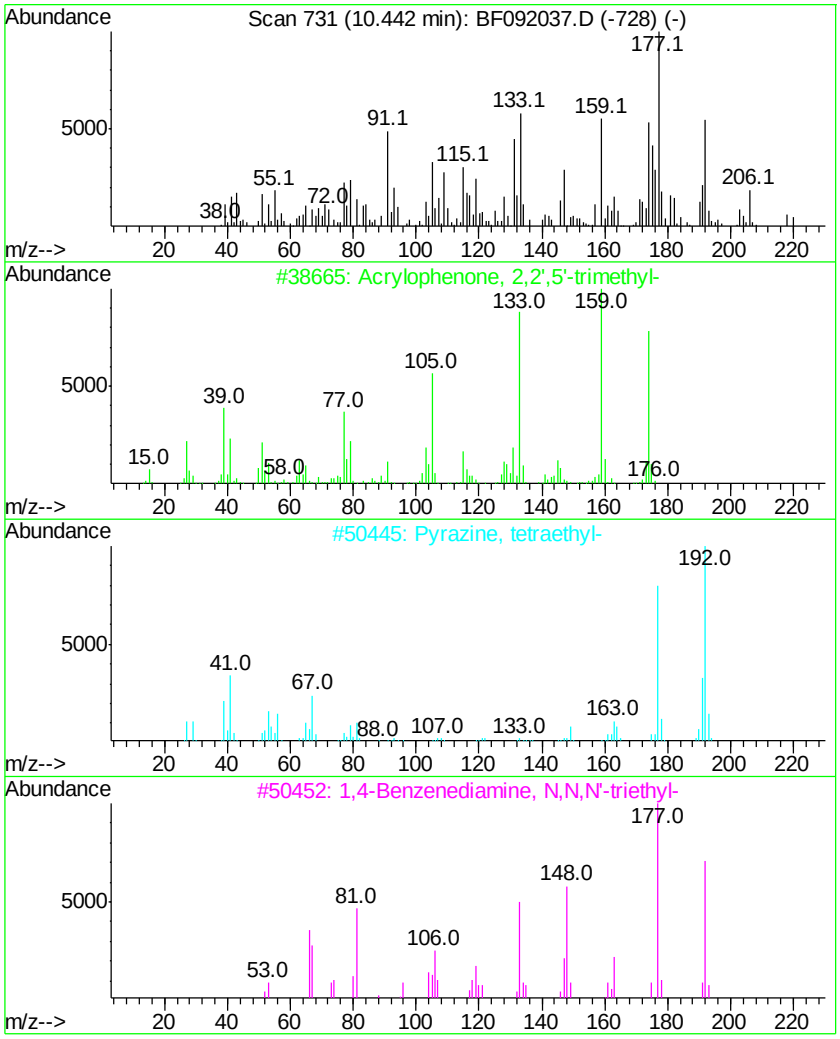
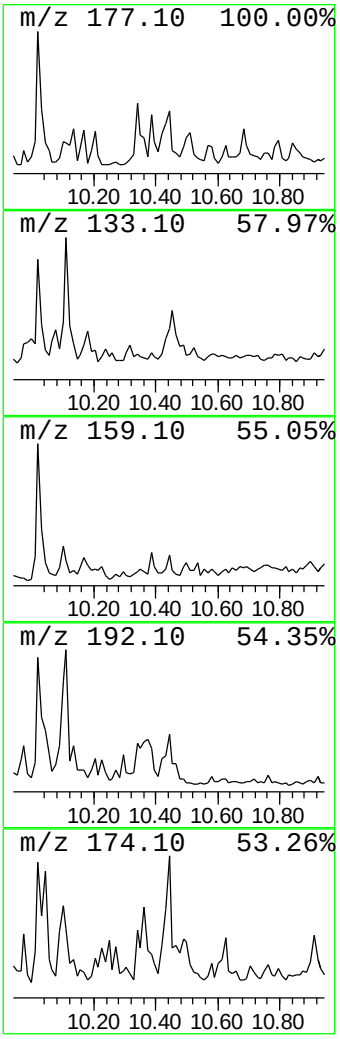
Peak Number 16 unknown10.44 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	5.11 ng	420253	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrylophenone, 2,2',5'-trimethyl-	174	C12H14O	016205-96-2	38
2	Pyrazine, tetraethyl-	192	C12H20N2	038325-19-8	38
3	1,4-Benzenediamine, N,N,N'-triet...	192	C12H20N2	024340-91-8	27
4	4H-1-Benzopyran-4-one, 2,3-dihyd...	192	C11H12O3	017771-33-4	25
5	Bicyclo[3.3.0]octan-2-one, 7-neo...	192	C13H20O	1000158-89-6	18





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Sample : H6301-08
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Instrument : BNA_F
ClientSampleId : MW-10

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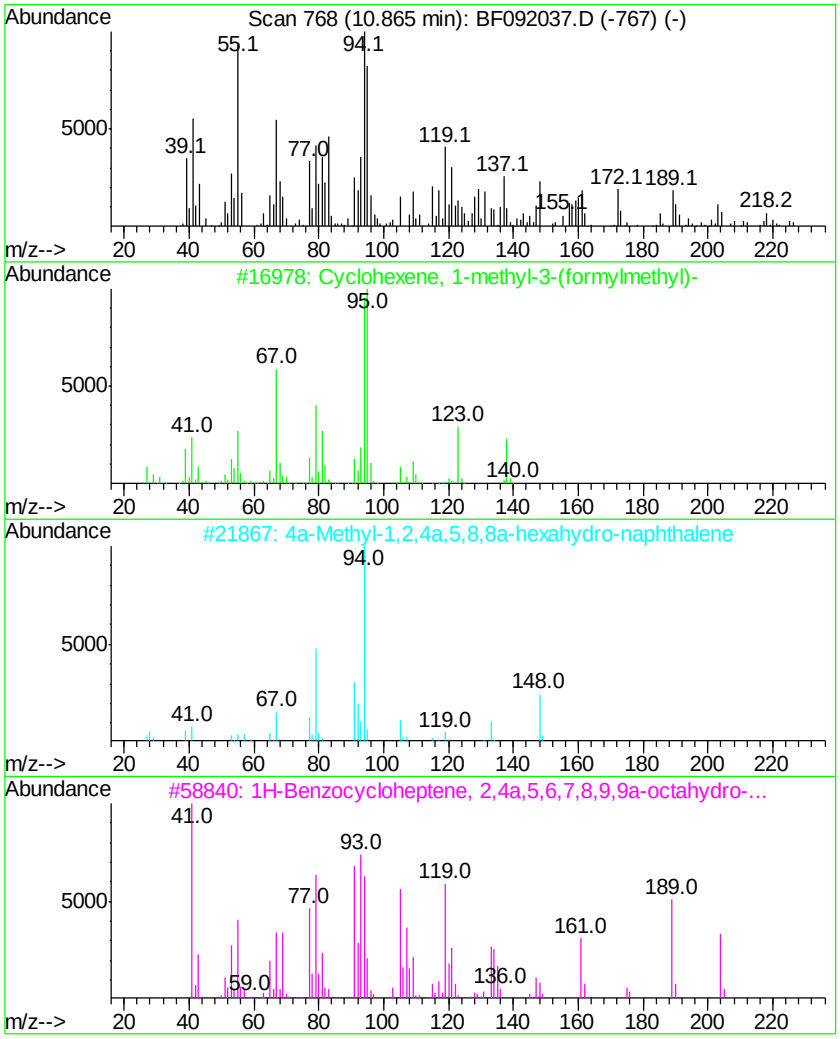
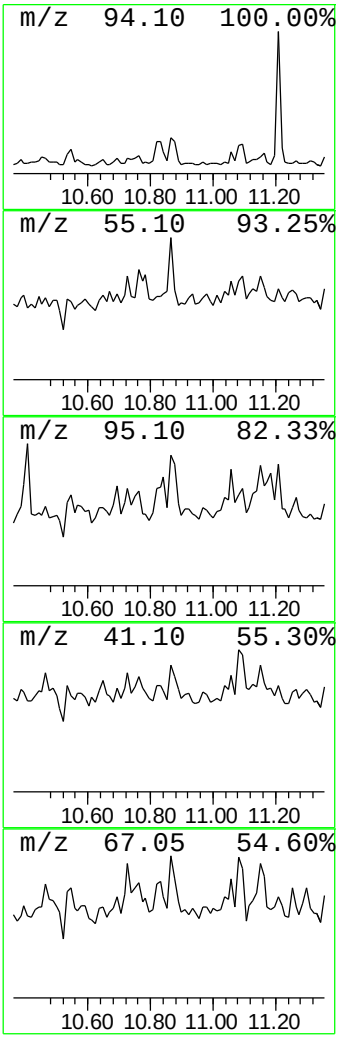
Peak Number 17 unknown10.86 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	4.67 ng	380246	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-3-(formylm...	138	C9H14O	129993-40-4	43
2	4a-Methyl-1,2,4a,5,8,8a-hexahydr...	148	C11H16	1000186-05-9	30
3	1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	003853-83-6	25
4	Arthole	152	C10H16O	1000281-70-0	18
5	Cyclohexene, 1-methyl-3-vinyloxy-	138	C9H14O	100144-30-7	18





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Instrument : BNA_F
ClientSampleId : MW-10

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TIC Library : C:\DATABASE\NIST02.L
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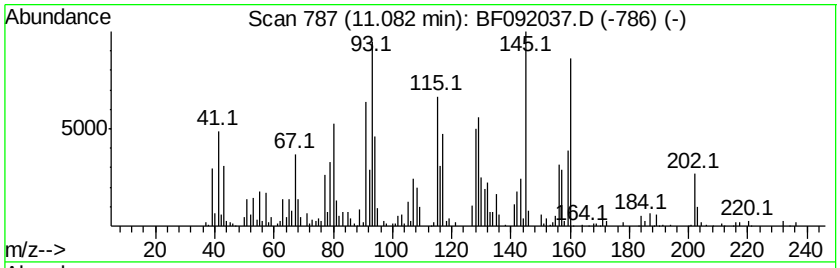
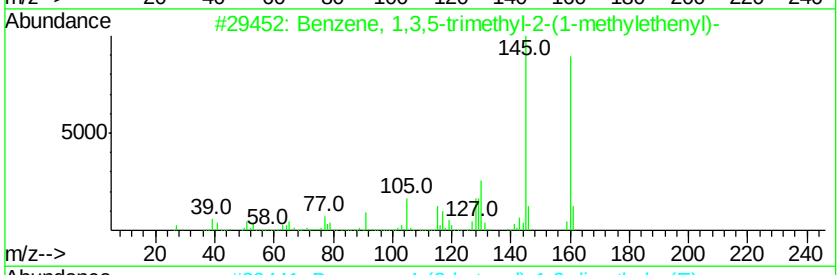
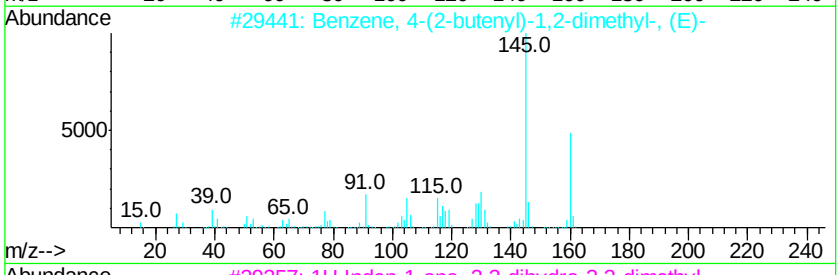
Peak Number 18 unknown11.08 Concentration Rank 13

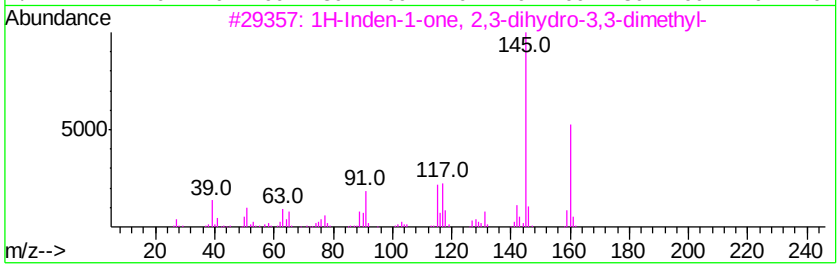
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	5.23 ng	425664	Phenanthrene-d10	11.21

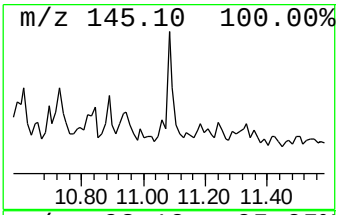
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	38
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	30
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	27
4	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	18
5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	16

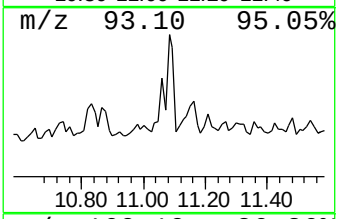


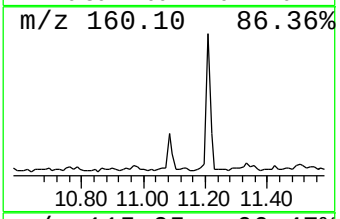


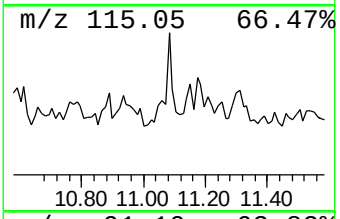


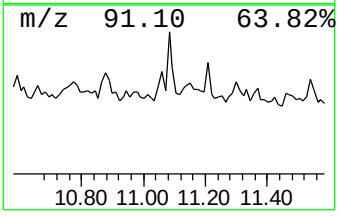












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092037.D
Acq On : 29 Dec 2016 21:20
Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

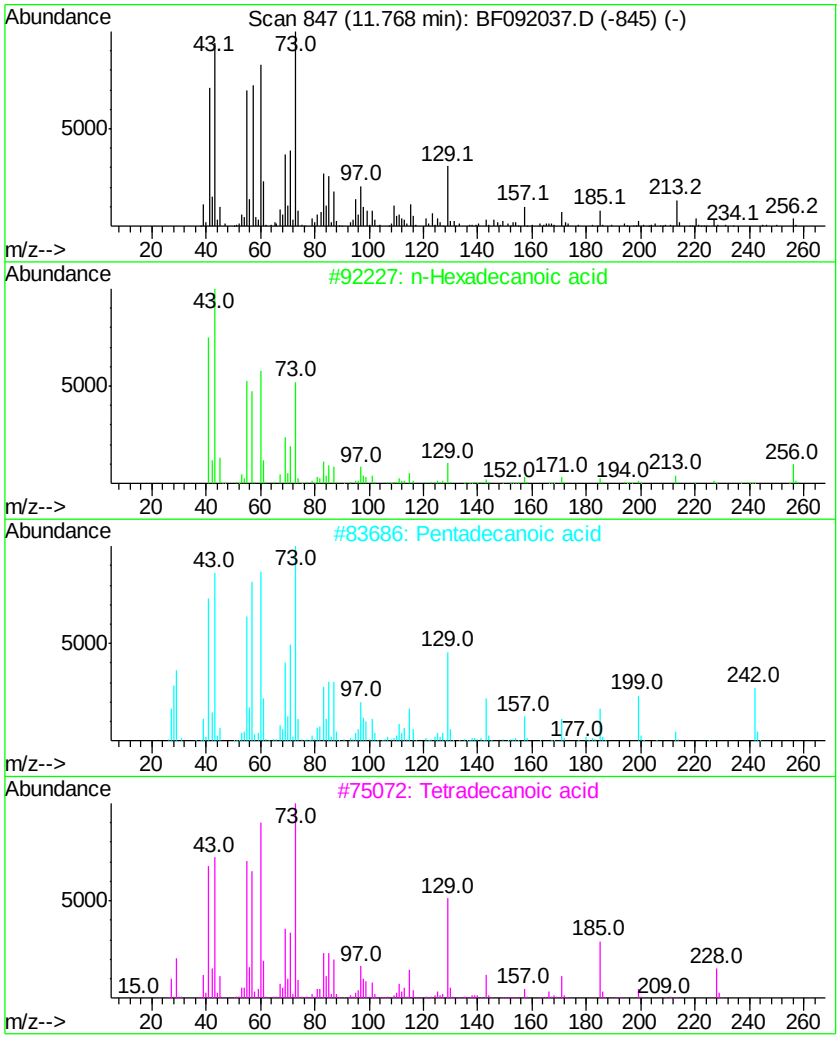
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

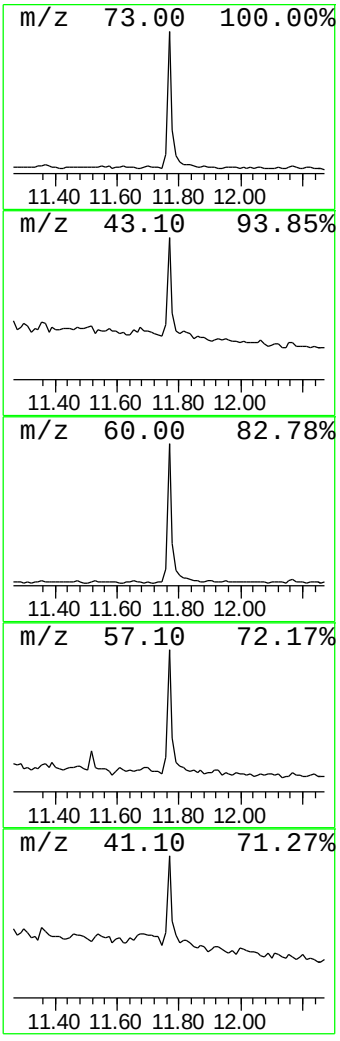
****

Peak Number 19 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.65 ng	541475	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092037.D
Acq On : 29 Dec 2016 21:20
Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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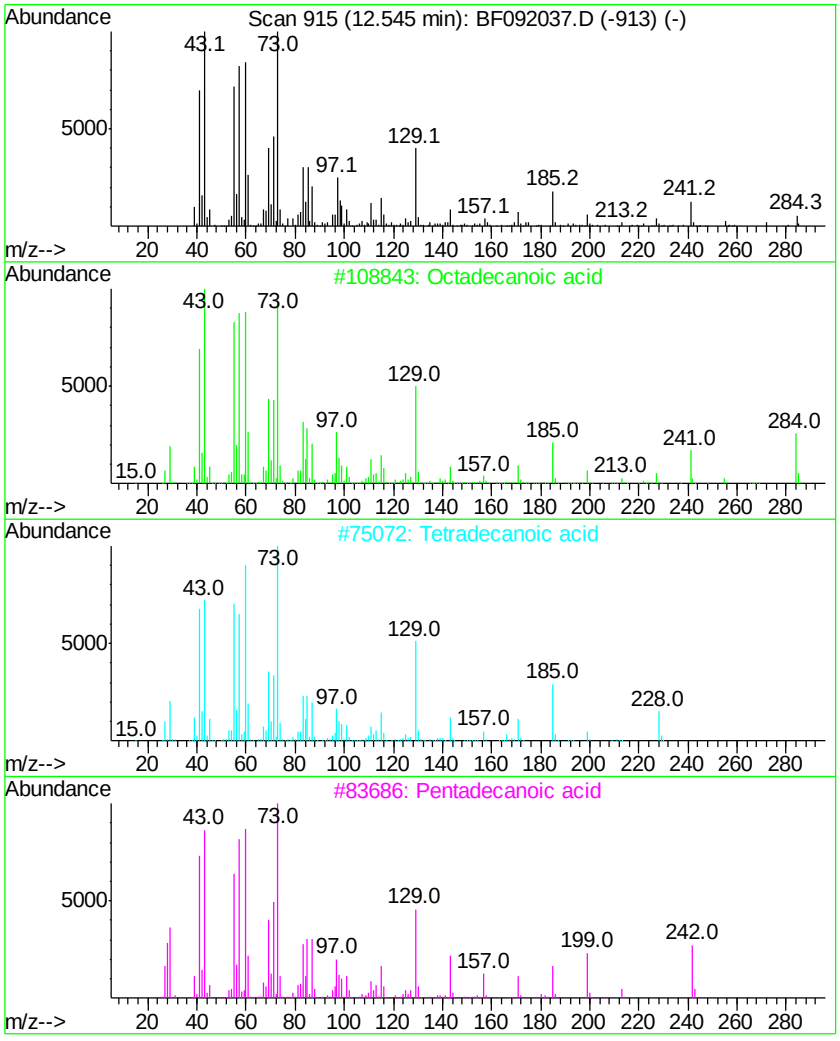
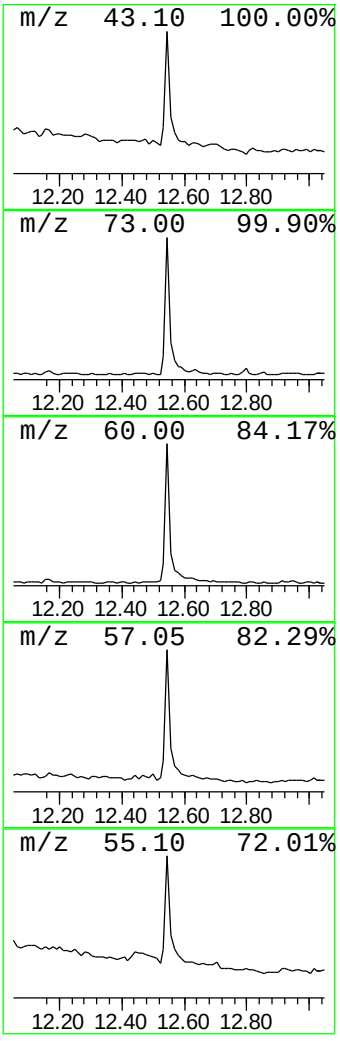
Peak Number 20 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	10.98 ng	733737	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122916\
Data File : BF092037.D
Acq On : 29 Dec 2016 21:20
Operator : UM/SJ
Sample : H6301-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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...	4.83	19.3	ng	1013350	1	6.69	1049790	20.0
unknown6.46	6.46	76.4	ng	4007930	1	6.69	1049790	20.0
Benzene, 1,4-diet...	6.94	4.6	ng	242967	1	6.69	1049790	20.0
Benzene, 1,2-diet...	7.04	7.0	ng	368017	1	6.69	1049790	20.0
1H-Indene, 2,3-di...	7.65	6.7	ng	620968	2	7.97	1850170	20.0
Benzene, (1-methy...	7.92	5.1	ng	471443	2	7.97	1850170	20.0
unknown8.45	8.45	4.5	ng	411390	2	7.97	1850170	20.0
unknown8.96	8.96	7.0	ng	572851	3	9.73	1645150	20.0
Naphthalene, 2,7-...	9.39	10.0	ng	823061	3	9.73	1645150	20.0
1H-Inden-1-one, 5...	9.58	4.8	ng	393197	3	9.73	1645150	20.0
5-Hydroxy-2-indol...	10.02	4.3	ng	352400	3	9.73	1645150	20.0
unknown10.11	10.11	13.1	ng	1077430	3	9.73	1645150	20.0
unknown10.17	10.17	5.7	ng	467857	3	9.73	1645150	20.0
unknown10.44	10.44	5.1	ng	420253	3	9.73	1645150	20.0
unknown10.86	10.86	4.7	ng	380246	4	11.21	1628400	20.0
unknown11.08	11.08	5.2	ng	425664	4	11.21	1628400	20.0
n-Hexadecanoic acid	11.77	6.7	ng	541475	4	11.21	1628400	20.0
Octadecanoic acid	12.55	11.0	ng	733737	5	13.84	1336440	20.0