LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092401.D
Acq On : 21 Jan 2017 6:55
Operator : UM/SJ
Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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	2.370	48	51	53	rBV	51806	85632	1.81%	0.083%
2	2.415	53	55	61	rVB	28094	51425	1.09%	0.050%
3	3.741	164	171	174	rBV2	34334	89931	1.90%	0.088%
4	4.221	207	213	219	rVB2	21742	48666	1.03%	0.047%
5	4.370	224	226	231	rVB	94163	129529	2.74%	0.126%
6	4.621	246	248	252	rBV2	366182	588840	12.45%	0.574%
7	4.679	252	253	258	rVV3	34962	77622	1.64%	0.076%
8	4.759	258	260	267	rVB2	40093	68324	1.44%	0.067%
9	4.976	276	279	283	rVB	401138	574545	12.15%	0.560%
10	5.113	289	291	298	rBV	974865	1756884	37.15%	1.713%
11	5.204	298	299	302	rVV2	58915	82498	1.74%	0.080%
12	5.261	302	304	306	rVV	531368	592732	12.53%	0.578%
13	5.330	307	310	311	rVV2	120275	137631	2.91%	0.134%
14	5.376	311	314	319	rVB3	167047	464280	9.82%	0.453%
15	5.536	325	328	334	rVB3	371782	576970	12.20%	0.562%
16	5.707	341	343	346	rBV2	140066	181782	3.84%	0.177%
17	5.764	346	348	352	rVB2	38736	91738	1.94%	0.089%
18	5.833	352	354	357	rBV3	119025	166418	3.52%	0.162%
19	5.924	360	362	364	rBV	160056	190748	4.03%	0.186%
20	5.970	364	366	368	rVB2	291800	323701	6.84%	0.316%
21	6.016	368	370	374	rBV2	277930	461382	9.75%	0.450%
22	6.084	374	376	378	rBV2	152264	185321	3.92%	0.181%
23	6.119	378	379	381	rBV	115291	182721	3.86%	0.178%
24	6.153	381	382	386	rVB	365936	388543	8.21%	0.379%
25	6.222	386	388	393	rBV	675663	1421778	30.06%	1.386%
26	6.302	393	395	402	rVB	2321831	3030754	64.08%	2.955%
27	6.404	402	404	407	rBV2	294034	530859	11.22%	0.518%
28	6.450	407	408	410	rBV	172871	192663	4.07%	0.188%
29	6.484	410	411	412	rBV	187525	193132	4.08%	0.188%
30	6.519	412	414	419	rVB3	783498	1309467	27.69%	1.277%
31	6.610	419	422	426	rVB2	239285	462279	9.77%	0.451%
32	6.679	426	428	431	rBV	2879066	3269190	69.12%	3.187%
33	6.736	431	433	436	rBV3	267288	527322	11.15%	0.514%
34	6.816	439	440	443	rVB3	61592	75031	1.59%	0.073%

LSC Area Percent Report

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

35	6.884	443	446	449	rVB2	281495	519776	10.99%	0.507%
36	6.953	449	452	453	rBV2	218205	351427	7.43%	0.343%
37	6.976	453	454	458	rVB3	170743	299057	6.32%	0.292%
38	7.056	458	461	463	rBV	417781	661241	13.98%	0.645%
39	7.102	463	465	467	rBV	1738249	2264384	47.88%	2.208%
40	7.193	471	473	474	rBV	295834	370863	7.84%	0.362%
41	7.216	474	475	476	rBV	329164	291537	6.16%	0.284%
42	7.273	478	480	482	rVB2	344090	568047	12.01%	0.554%
43	7.307	482	483	485	rBV2	210340	256494	5.42%	0.250%
44	7.342	485	486	488	rBV2	277542	315759	6.68%	0.308%
45	7.410	488	492	493	rVB2	442156	654479	13.84%	0.638%
46	7.445	493	495	497	rVB	386245	511403	10.81%	0.499%
47	7.502	497	500	501	rBV	649105	784671	16.59%	0.765%
48	7.559	501	505	507	rBV4	444007	1026273	21.70%	1.001%
49	7.616	507	510	512	rBV3	569664	1091627	23.08%	1.064%
50	7.753	517	522	525	rVB6	516368	1375588	29.08%	1.341%
51	7.822	525	528	532	rBV	909361	2230895	47.17%	2.175%
52	7.936	532	538	541	rBV7	746212	2816356	59.55%	2.746%
53	8.005	542	544	546	rVB2	778839	773249	16.35%	0.754%
54	8.096	548	552	553	rBV3	960749	2314101	48.93%	2.256%
55	8.210	557	562	563	rBV2	1318864	3259185	68.91%	3.177%
56	8.256	563	566	567	rBV2	576979	884022	18.69%	0.862%
57	8.359	573	575	576	rBV	725206	796463	16.84%	0.776%
58	8.428	576	581	584	rVV5	1279170	3295717	69.68%	3.213%
59	8.496	586	587	588	rVB	619474	424649	8.98%	0.414%
60	8.530	588	590	592	rBV2	585235	965579	20.42%	0.941%
61	8.599	593	596	598	rVB3	739449	1458010	30.83%	1.421%
62	8.645	598	600	601	rBV	1087062	1448973	30.64%	1.413%
63	8.736	605	608	609	rVV2	992138	1660677	35.11%	1.619%
64	8.782	609	612	613	rVV3	963419	1648593	34.86%	1.607%
65	8.816	613	615	616	rVV	765825	1281996	27.11%	1.250%
66	8.862	617	619	620	rVV	1327143	2053423	43.42%	2.002%
67	8.908	620	623	624	rVV	3098995	4729726	100.00%	4.611%
68	8.930	624	625	627	rVV2	1012546	1673905	35.39%	1.632%
69	9.022	631	633	637	rBV4	509208	1157176	24.47%	1.128%
70	9.228	649	651	654	rBV4	666748	1618899	34.23%	1.578%
71	9.330	658	660	664	rBV4	895534	2251641	47.61%	2.195%

LSC Area Percent Report

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72	9.410	664	667	674	rVB6	1205015	3627545	76.70%	3.537%
73	9.570	677	681	682	rBV3	605717	1149763	24.31%	1.121%
74	9.662	686	689	691	rBV4	893929	1775149	37.53%	1.731%
75	9.833	702	704	705	rBV	479186	507683	10.73%	0.495%
76	9.971	710	716	718	rBV6	945428	3358700	71.01%	3.274%
77	10.028	718	721	723	rVV	1587365	3347116	70.77%	3.263%
78	10.062	723	724	728	rVB3	1258296	1838403	38.87%	1.792%
79	10.131	728	730	735	rVB4	1100781	2092620	44.24%	2.040%
80	10.211	735	737	738	rBV2	492154	859601	18.17%	0.838%
81	10.371	749	751	754	rVB2	1610812	1950508	41.24%	1.902%
82	10.451	754	758	760	rBV2	758506	1995308	42.19%	1.945%
83	10.485	760	761	768	rVB3	776397	1703930	36.03%	1.661%
84	10.748	782	784	787	rVB3	780406	1138635	24.07%	1.110%
85	10.953	800	802	806	rBV4	393568	871190	18.42%	0.849%
86	11.045	809	810	812	rBV	373309	538703	11.39%	0.525%
87	11.205	822	824	827	rBV3	451273	1128136	23.85%	1.100%
88	11.548	852	854	859	rVB2	574239	806384	17.05%	0.786%
89	12.394	926	928	936	rVB4	281330	646528	13.67%	0.630%
90	12.634	946	949	951	rBV	3050588	2931175	61.97%	2.858%
91	13.537	1026	1028	1038	rVV2	133431	248999	5.26%	0.243%
92	13.674	1038	1040	1043	rVB	855383	802600	16.97%	0.782%
93	15.022	1155	1158	1164	rVB	554936	657612	13.90%	0.641%

Sum of corrected areas: 102572487

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092401.D
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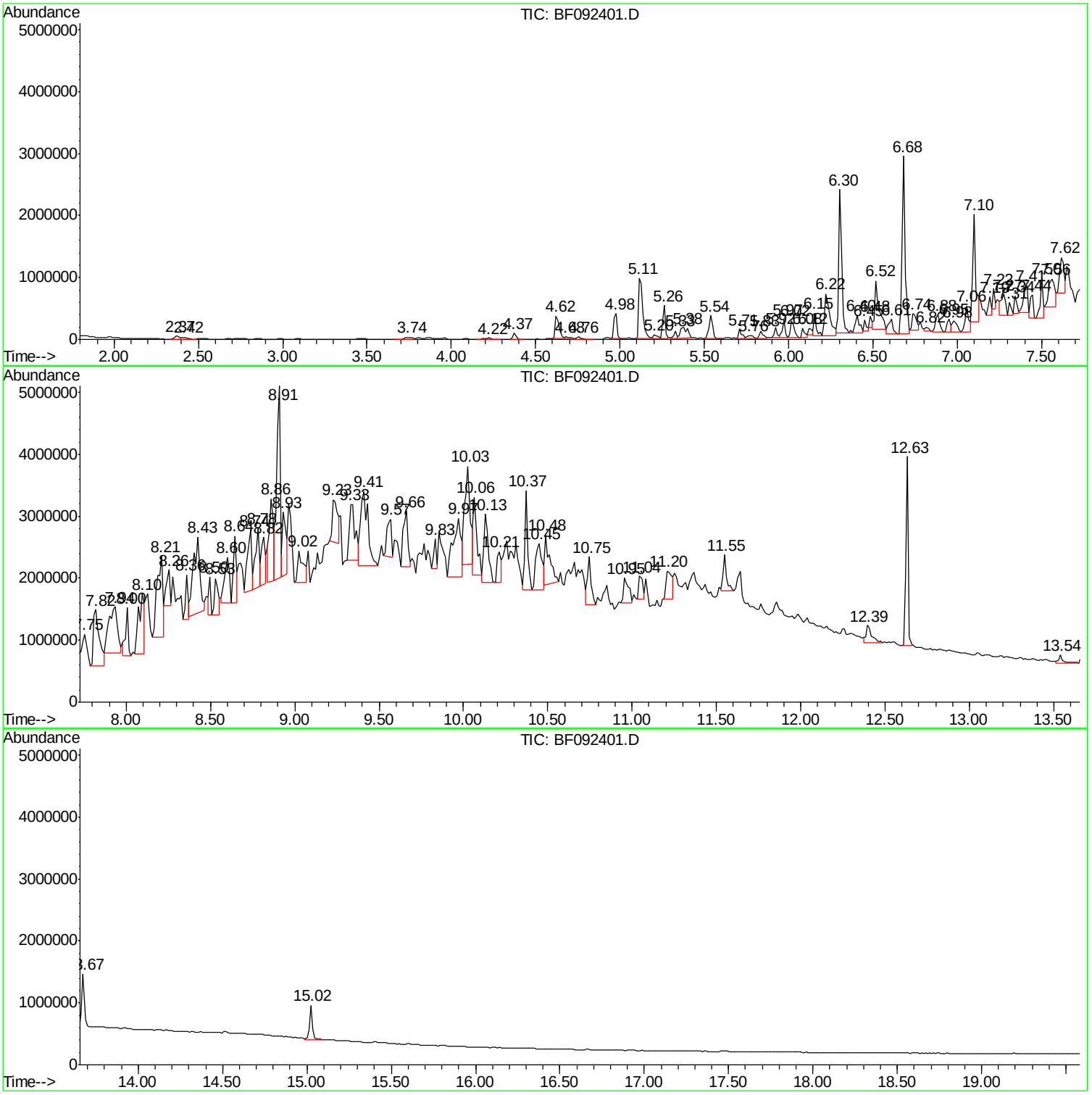
Operator : UM/SJ
Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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\BF012017\
Data File : BF092401.D
Acq On : 21 Jan 2017 6:55
Operator : UM/SJ
Sample : I1266-03
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Instrument :
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TIC Library : C:\DATABASE\NIST02.L
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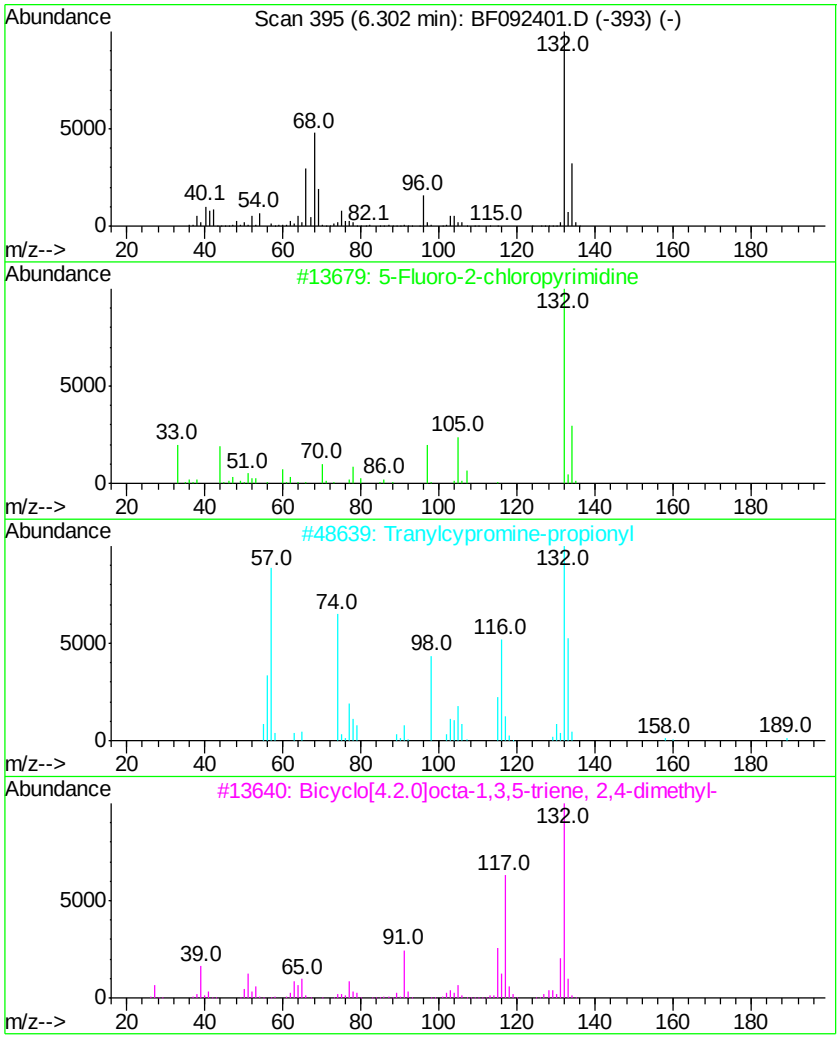
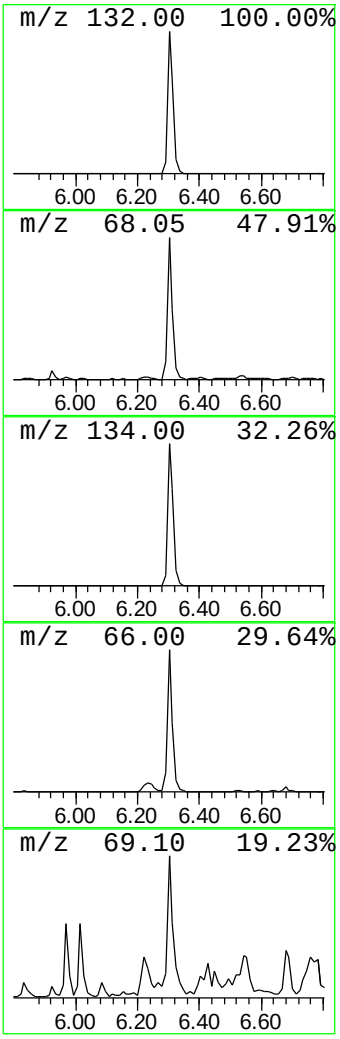
****

Peak Number 1 unknown6.30 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	46.29 ng	3030750	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Acq On : 21 Jan 2017 6:55
Operator : UM/SJ
Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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

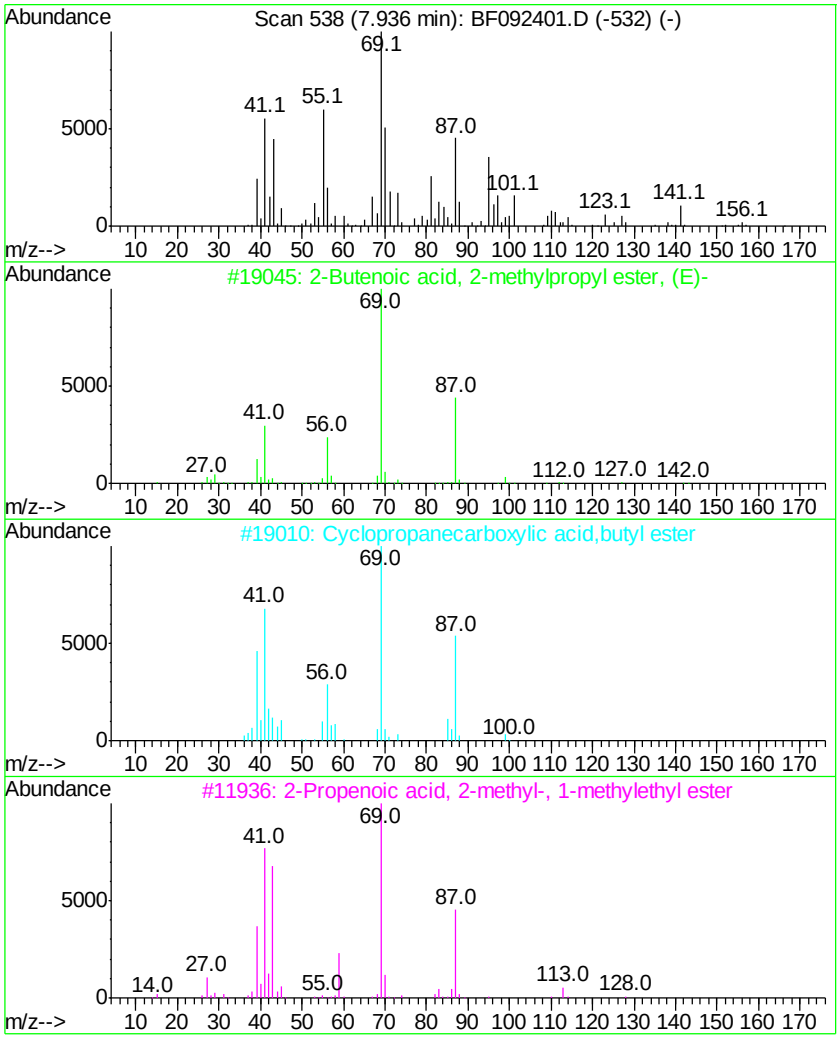
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

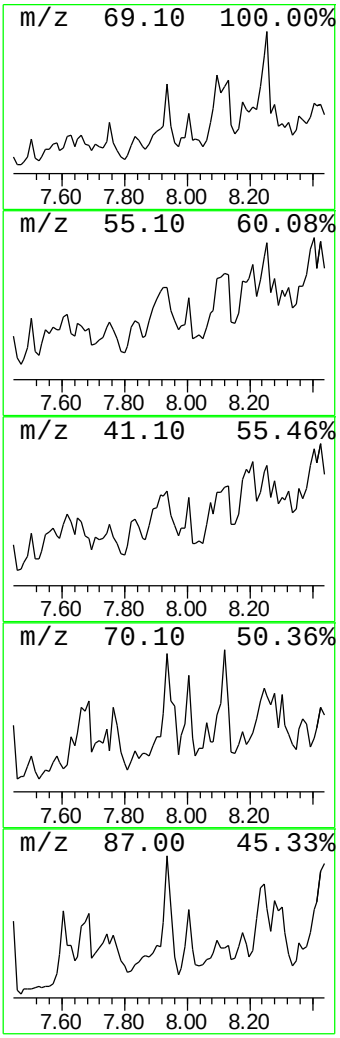
****

Peak Number 3 unknown7.94 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	25.25 ng	2816360	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-methylpropyl ...	142	C8H14O2	073545-15-0	46
2	Cyclopropanecarboxylic acid,buty...	142	C8H14O2	054947-39-6	43
3	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	43
4	2-Methyl-5-nonanol	158	C10H22O	029843-62-7	43
5	Cyclopropanecarboxylic acid, 2-e...	198	C12H22O2	103604-31-5	43





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : MW-01

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

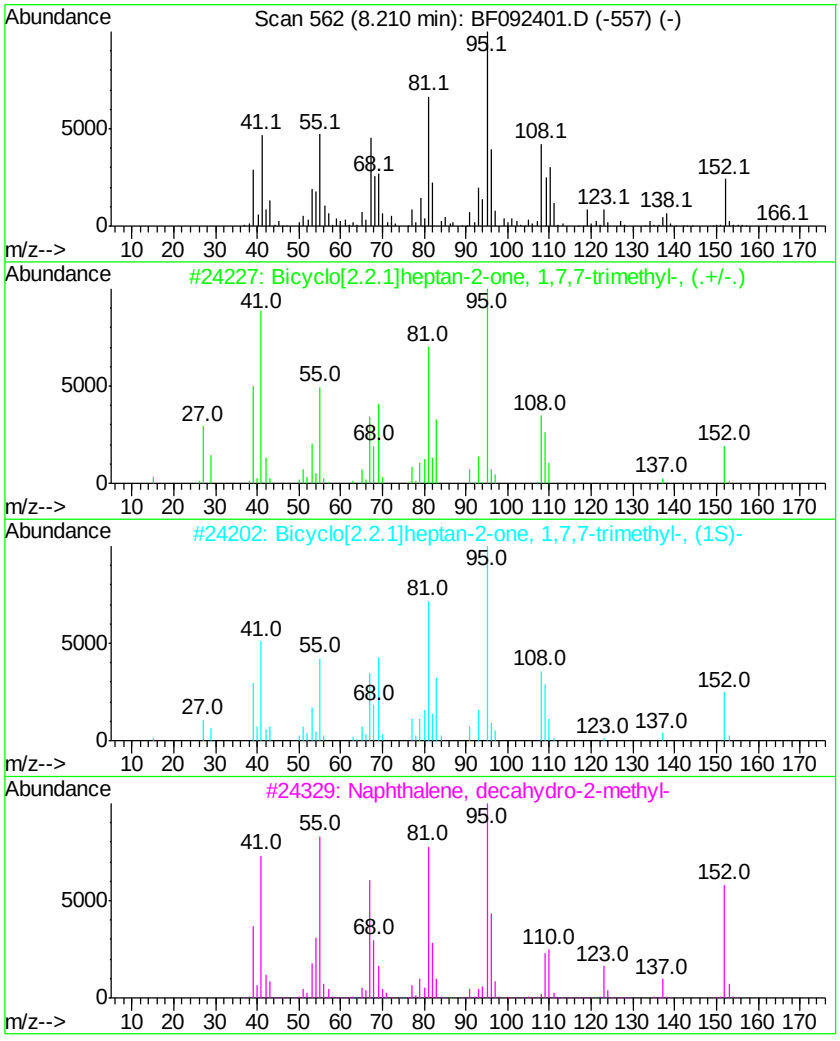
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

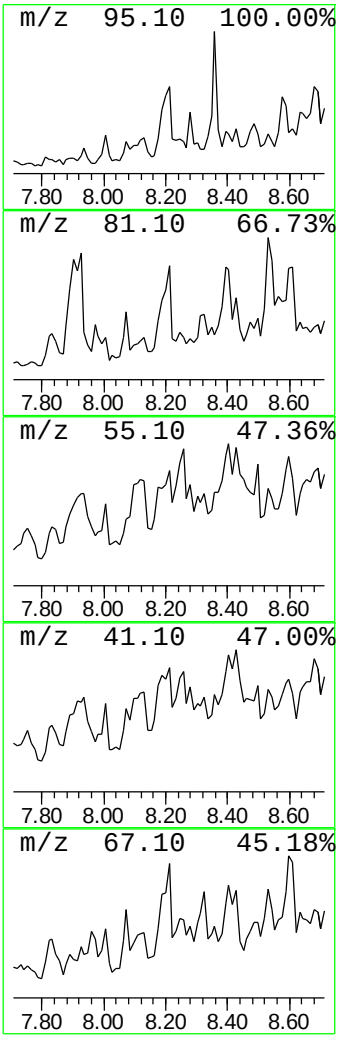
****

Peak Number 4 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	29.22 ng	3259190	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	76
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	76
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58
4	Camphor	152	C10H16O	000076-22-2	58
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	52





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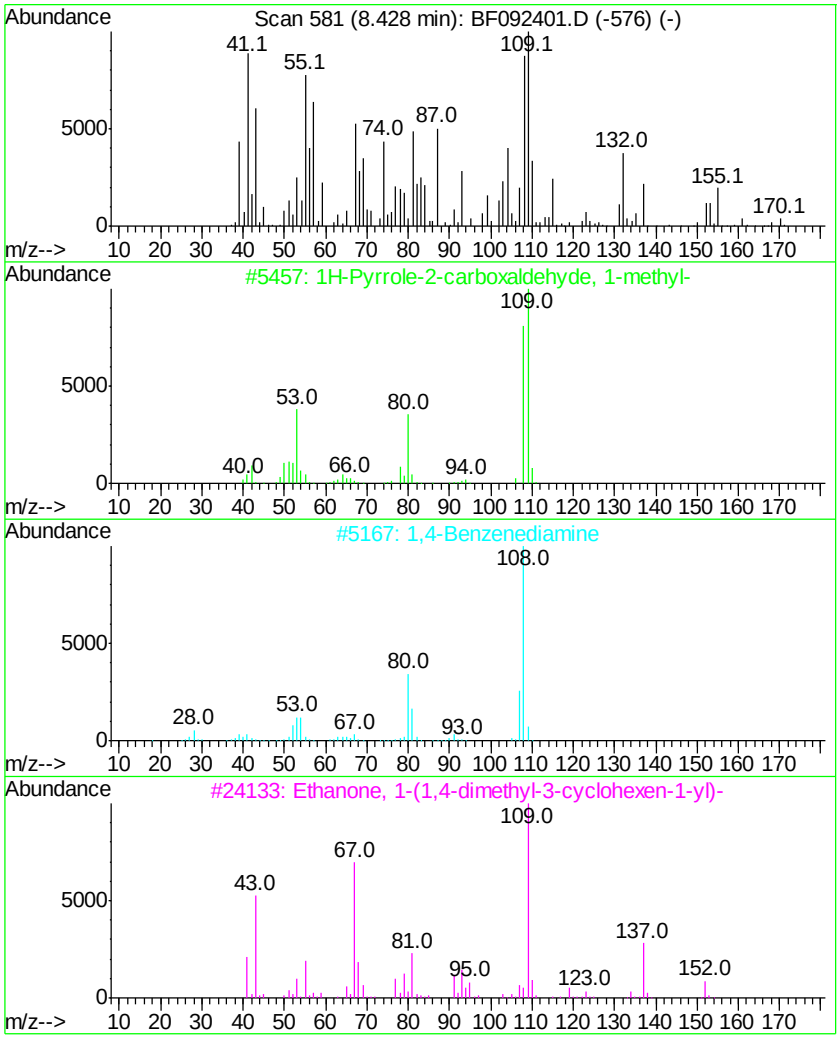
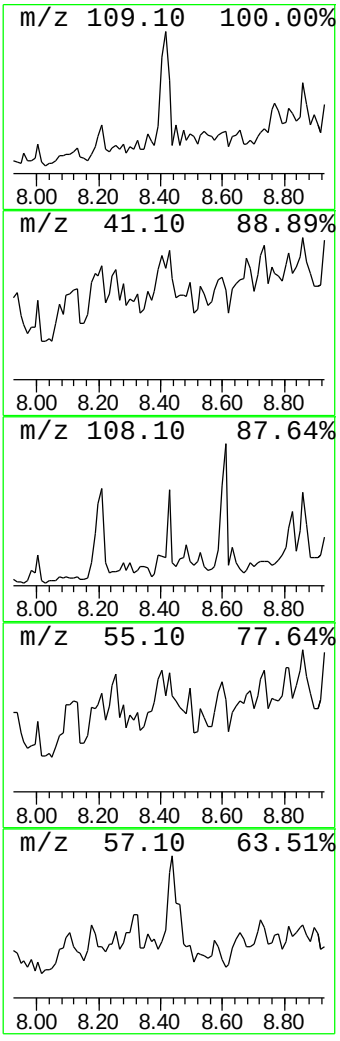
****

Peak Number 5 unknown8.43 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	29.55 ng	3295720	Naphthalene-d8	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole-2-carboxaldehyde, 1-m...	109	C6H7NO	001192-58-1	35
2	1,4-Benzenediamine	108	C6H8N2	000106-50-3	14
3	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	14
4	Methyl 2-chloro-octanoate	192	C9H17ClO2	014925-42-9	14
5	Imidazole-4-carboxylic acid, 2-a...	155	C6H9N3O2	149520-94-5	14





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Instrument : BNA_F
ClientSampleId : MW-01

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

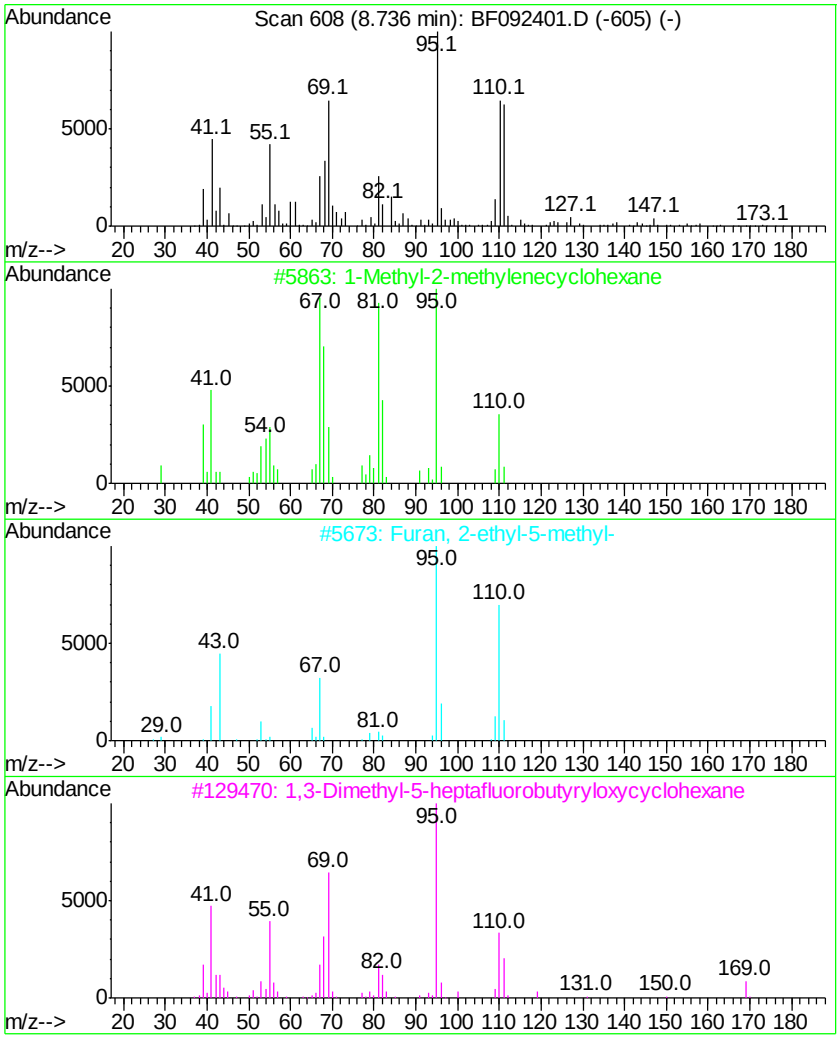
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

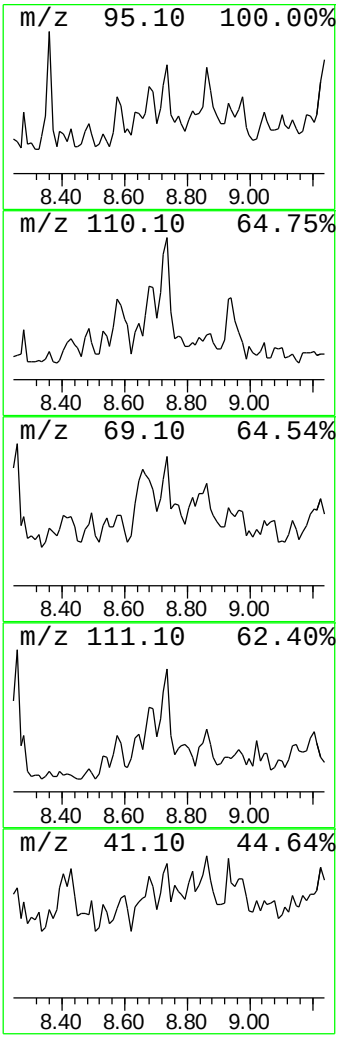
****

Peak Number 6 1-Methyl-2-methylenecyclohe... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	28.89 ng	1660680	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	58
2	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	47
3	1,3-Dimethyl-5-heptafluorobutyryl...	324	C12H15F7O2	1000216-63-8	47
4	1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	43
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38





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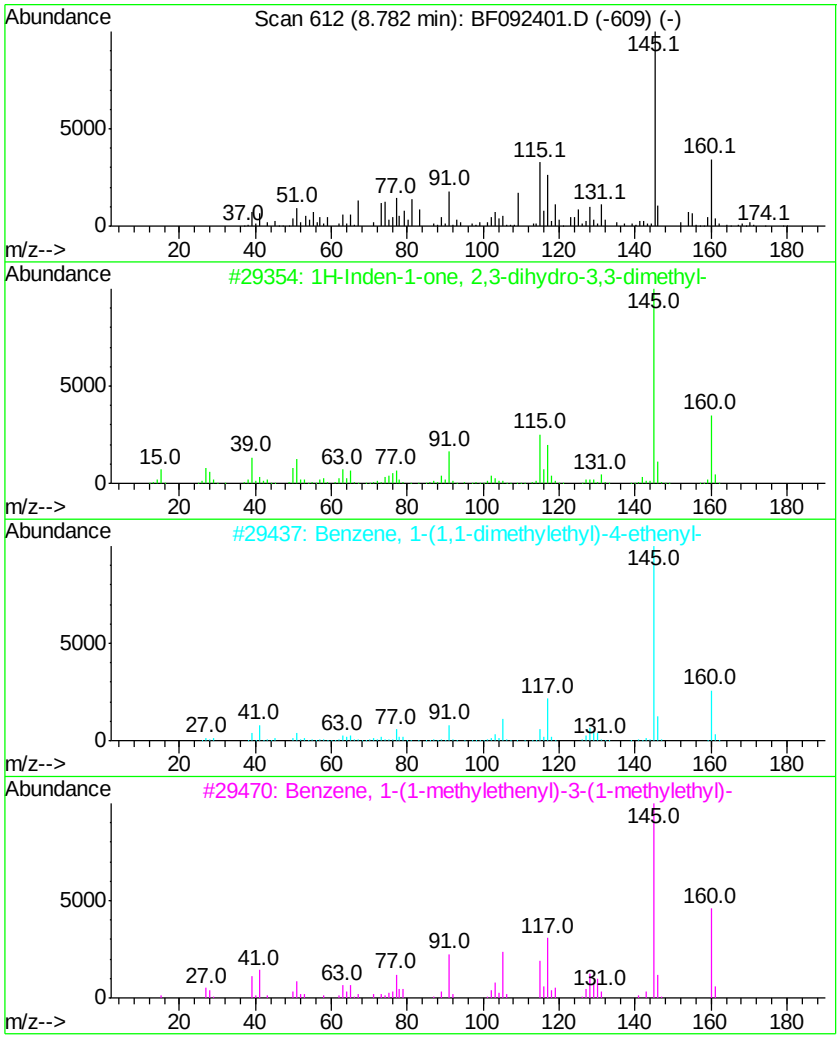
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

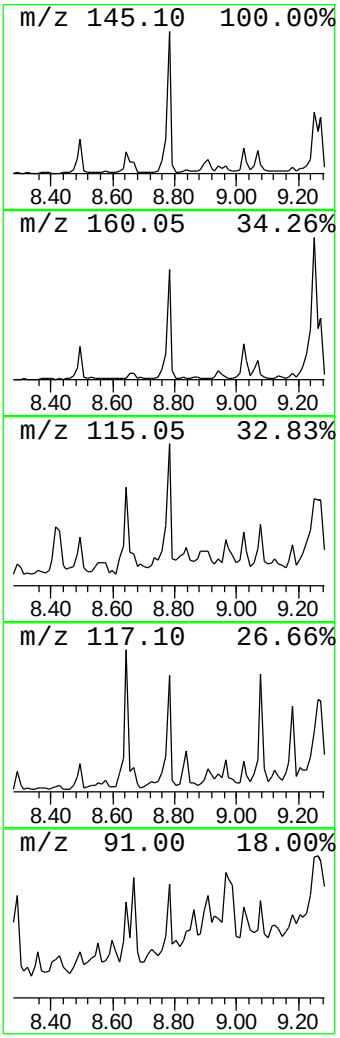
****

Peak Number 7 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	28.68 ng	1648590	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	91
2	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	62
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	59
4	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	58
5	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	53





Library Search Compound Report

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Data File : BF092401.D
Acq On : 21 Jan 2017 6:55
Operator : UM/SJ
Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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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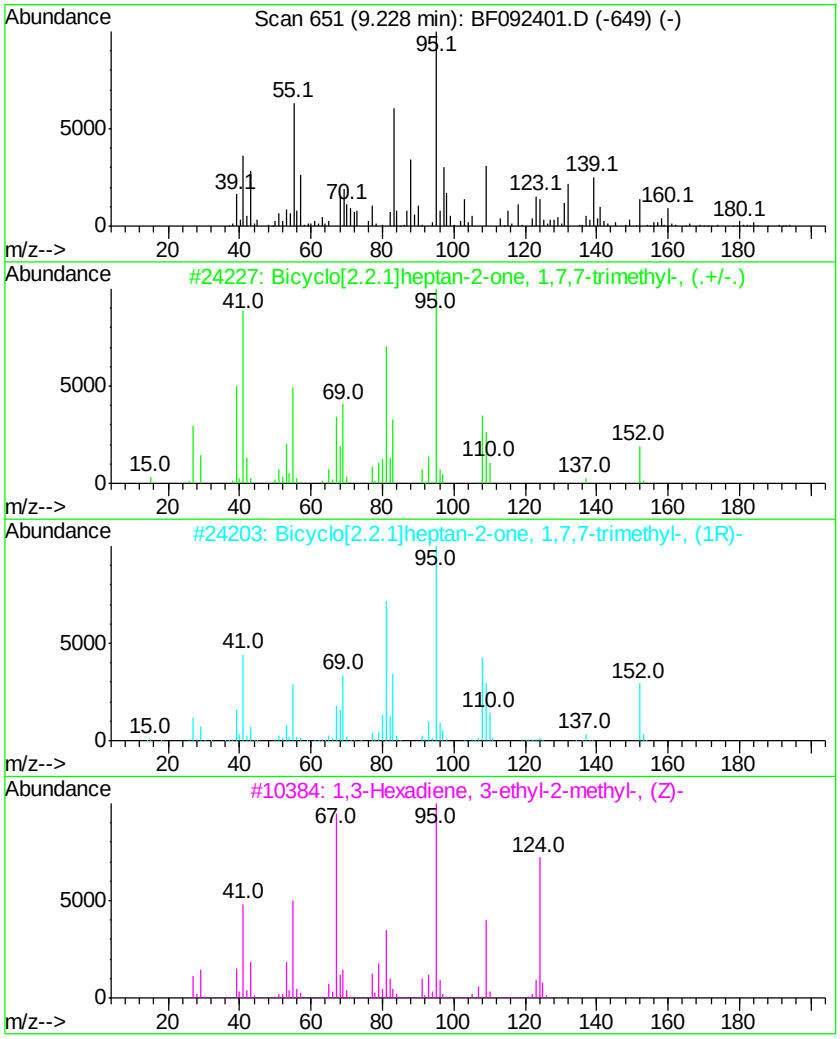
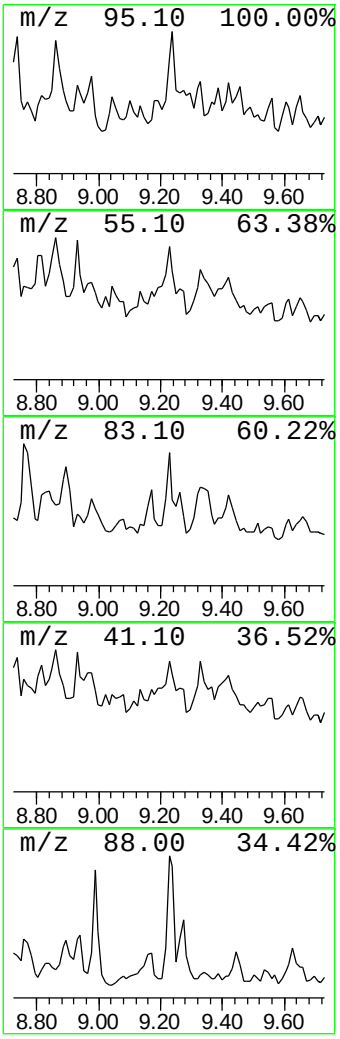
Peak Number 8 unknown9.23 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	28.16 ng	1618900	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	43
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	38
3	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	27
4	Imidazole, 5-[2-(aminocarbonyl)e...	139	C6H9N3O	040160-23-4	27
5	N-(5-Methylfurfuryl)dimethylamine	139	C8H13NO	014496-35-6	16





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Acq On : 21 Jan 2017 6:55
Operator : UM/SJ
Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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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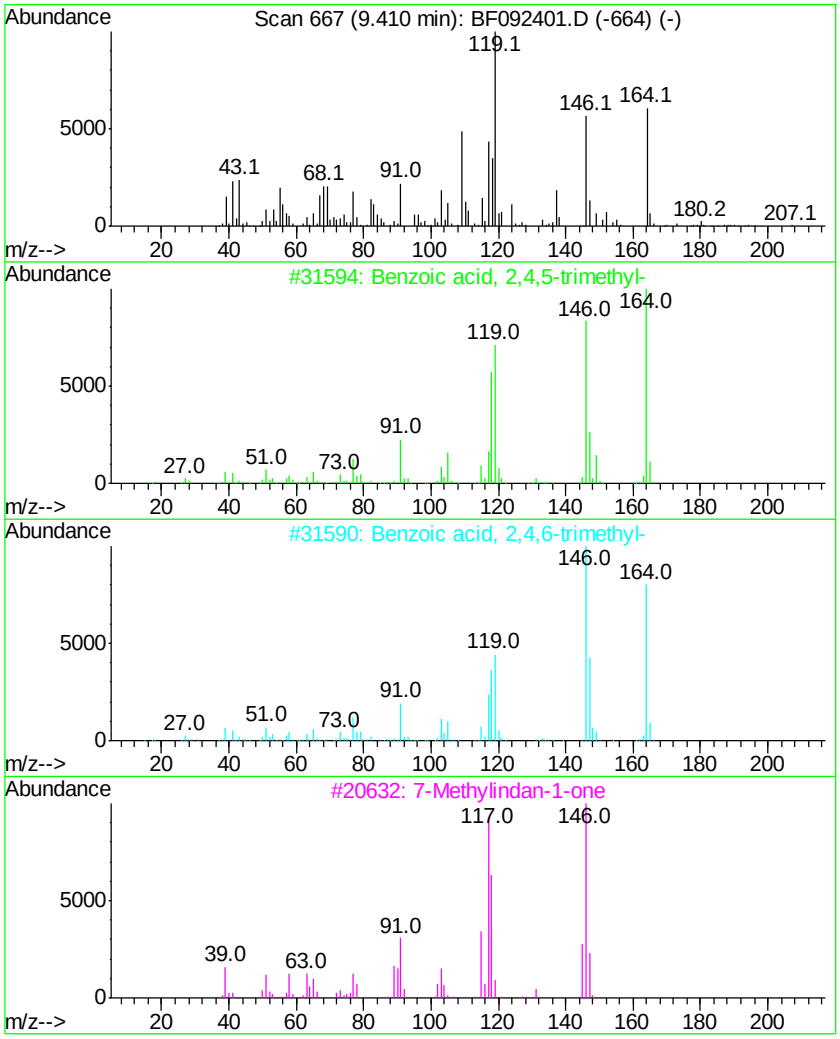
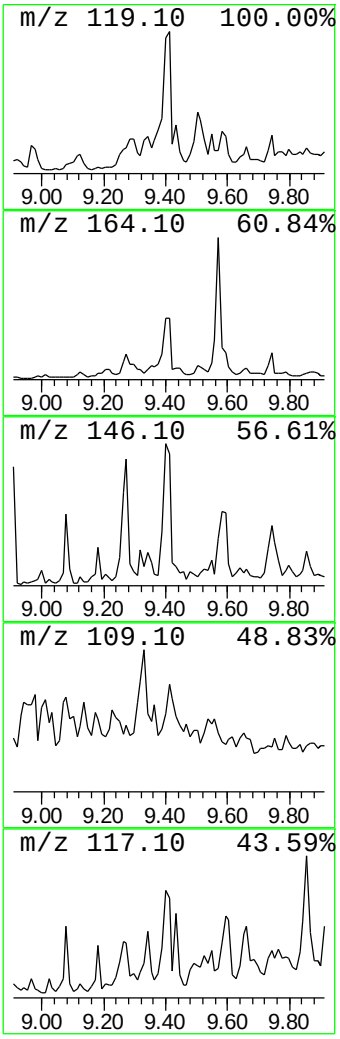
Peak Number 9 unknown9.41 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	63.10 ng	3627550	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	41
2	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	27
3	7-Methylindan-1-one	146	C10H10O	039627-61-7	22
4	7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	14
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	14





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Acq On : 21 Jan 2017 6:55
Operator : UM/SJ
Sample : I1266-03
Misc :
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Instrument : BNA_F
ClientSampleId : MW-01

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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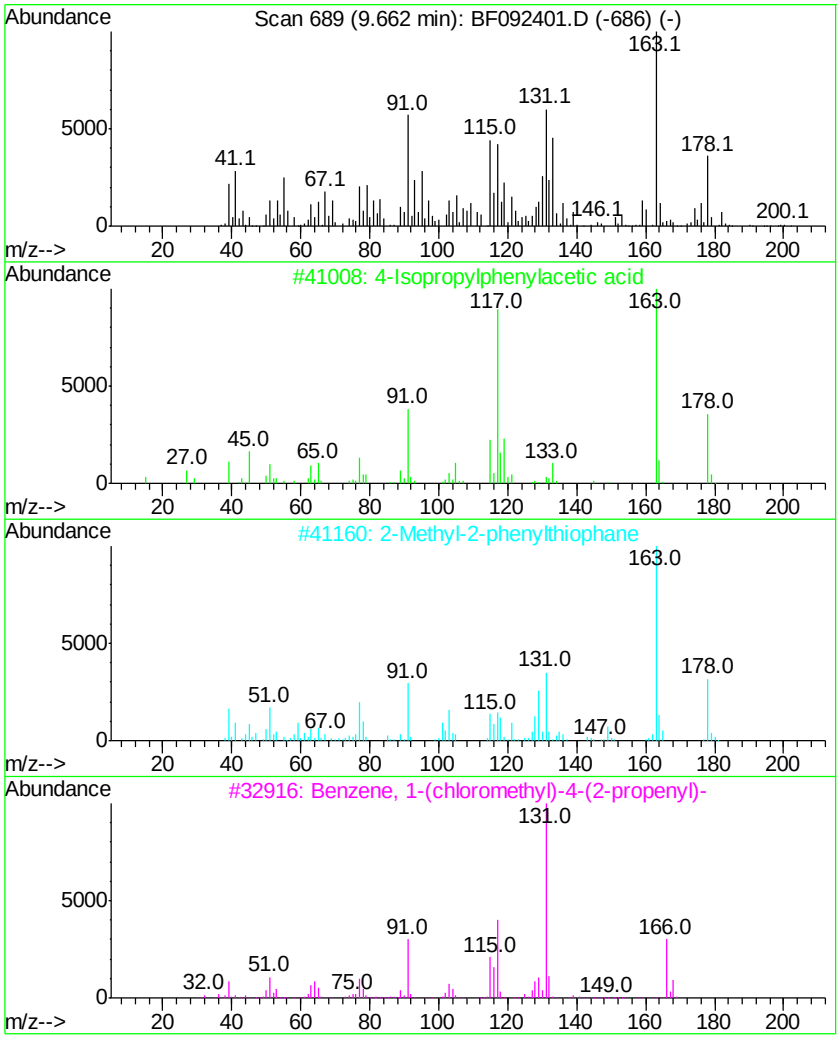
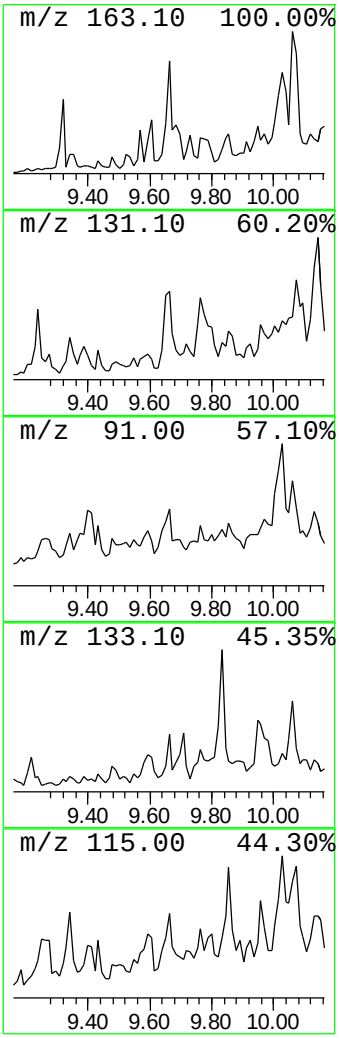
Peak Number 10 unknown9.66 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	30.88 ng	1775150	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	38
2	2-Methyl-2-phenylthiophane	178	C11H14S	014856-67-8	38
3	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	35
4	Propofol	178	C12H18O	002078-54-8	30
5	1H-Benzimidazole, 5-nitro-	163	C7H5N3O2	000094-52-0	27





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Operator : UM/SJ
Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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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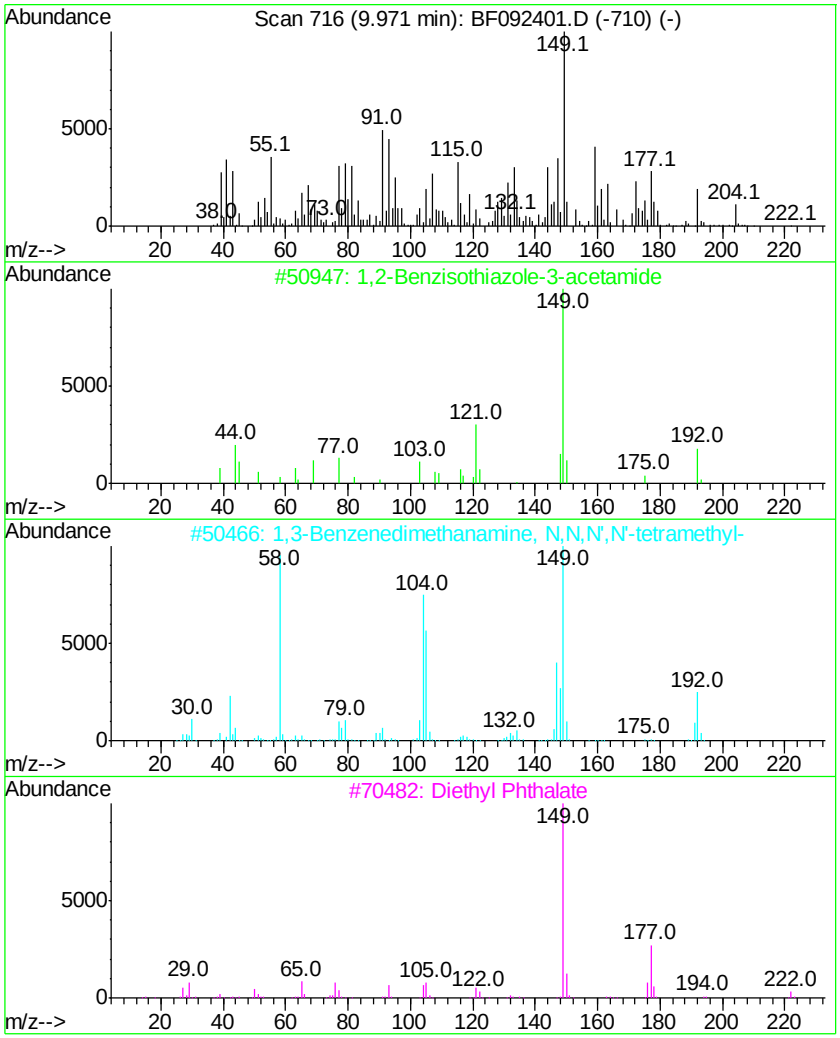
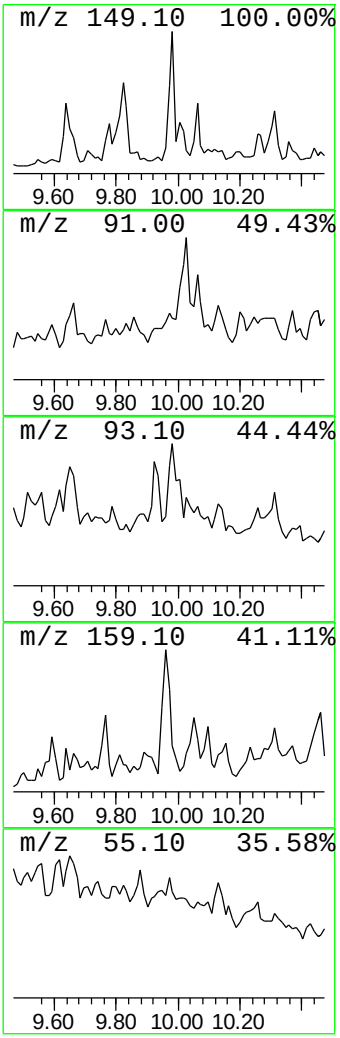
Peak Number 11 unknown9.97 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	58.42 ng	3358700	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzisothiazole-3-acetamide	192	C9H8N2OS	029273-65-2	30
2	1,3-Benzenedimethanamine, N,N,N'...	192	C12H20N2	019851-44-6	27
3	Diethyl Phthalate	222	C12H14O4	000084-66-2	22
4	7H-Purin-6-amine, 7-methyl-	149	C6H7N5	000935-69-3	18
5	1,2-Benzisothiazole, 3-methyl-	149	C8H7NS	006187-89-9	15





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Acq On : 21 Jan 2017 6:55
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Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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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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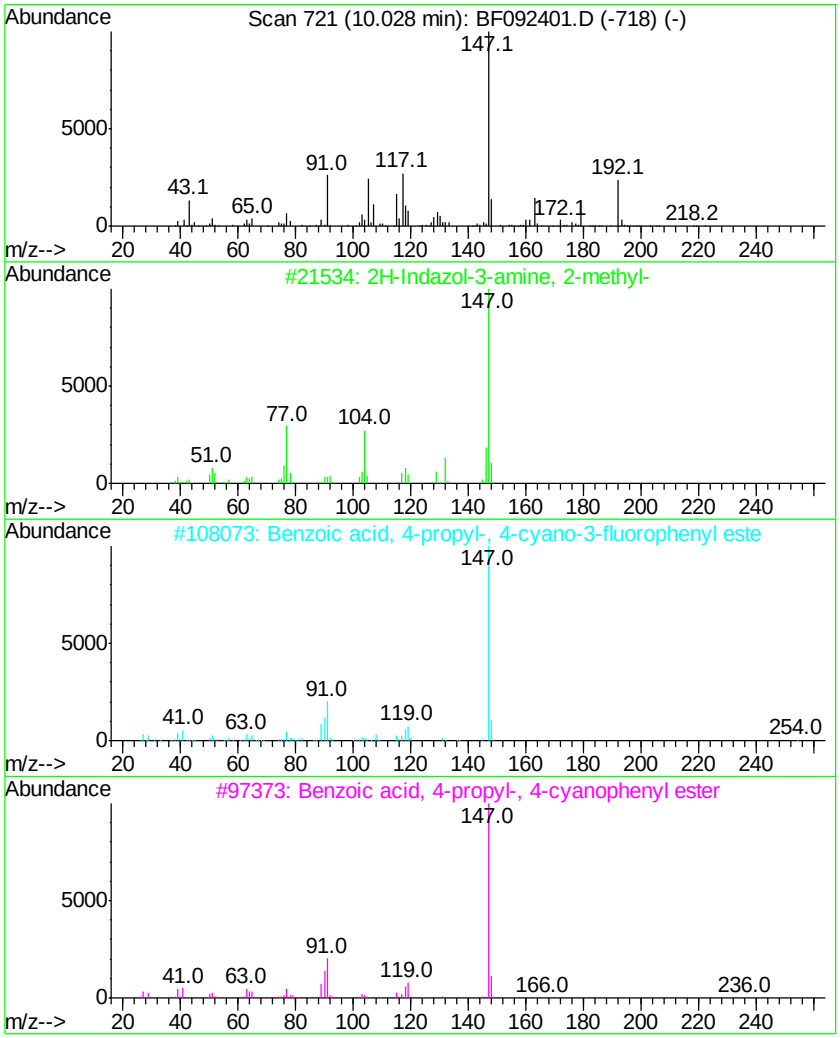
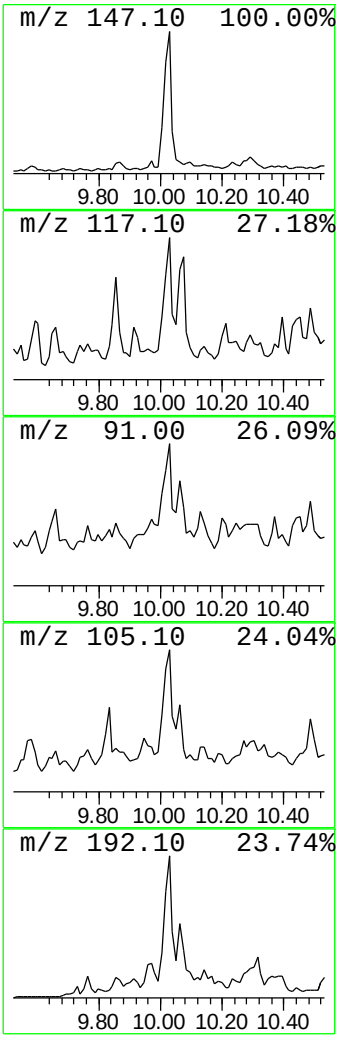
Peak Number 12 unknown10.03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	58.22 ng	3347120	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	43
2	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43
3	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43
4	Dewar benzene, hexamethyl-	162	C12H18	007641-77-2	42
5	Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	38





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Acq On : 21 Jan 2017 6:55
Operator : UM/SJ
Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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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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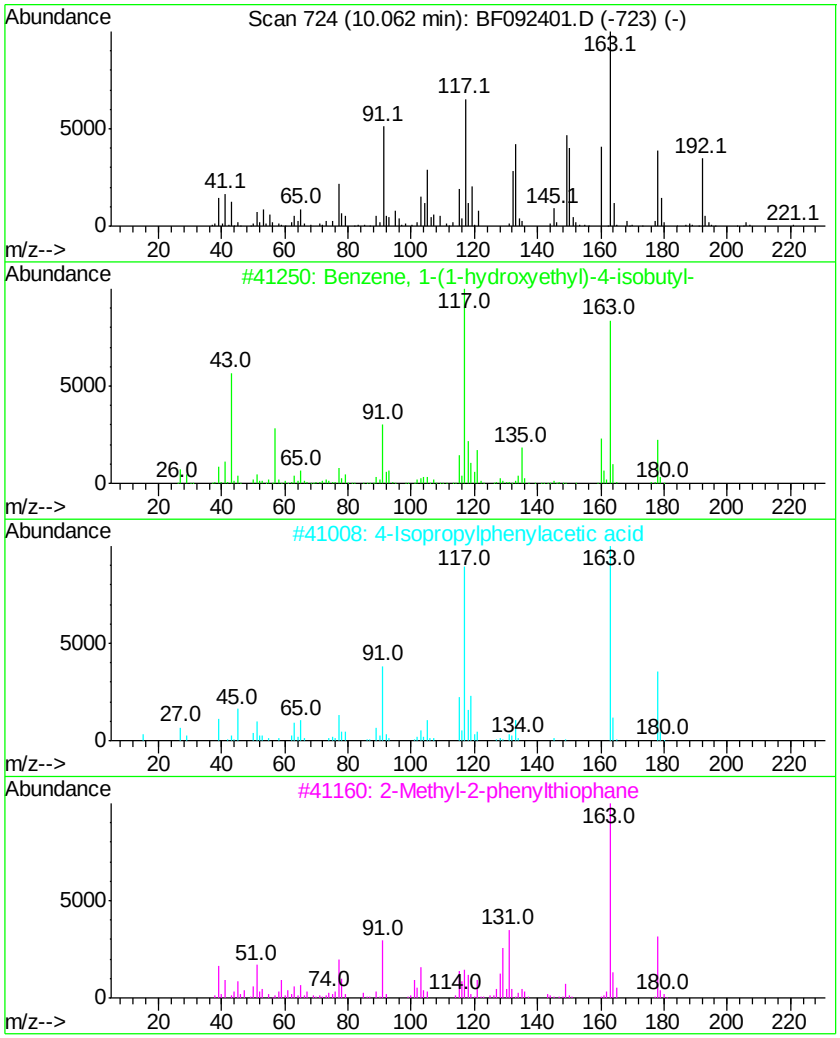
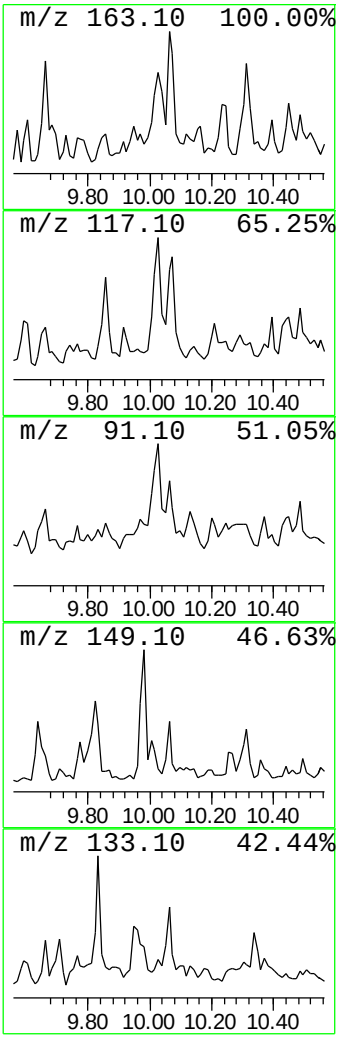
Peak Number 13 unknown10.06 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	31.98 ng	1838400	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	38
2	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	27
3	2-Methyl-2-phenylthiophane	178	C11H14S	014856-67-8	25
4	2-Propanone, 1-(3,5,5-trimethyl-...	178	C12H18O	016695-73-1	22
5	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	22





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Sample : I1266-03
Misc :
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Instrument : BNA_F
ClientSampleId : MW-01

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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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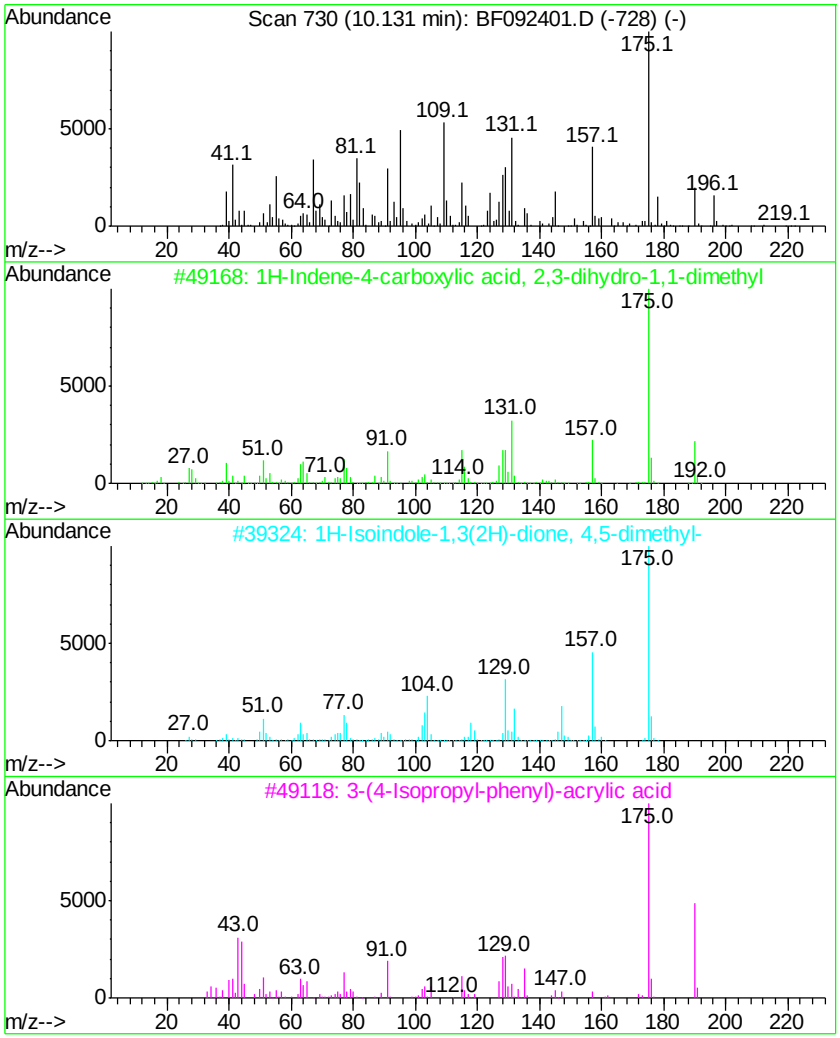
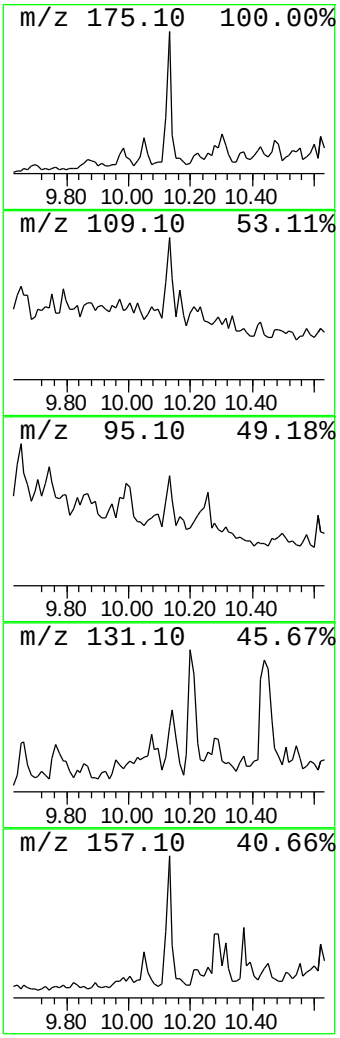
Peak Number 14 unknown10.13 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	36.40 ng	2092620	Acenaphthene-d10	9.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-4-carboxylic acid, 2,3...	190	C12H14O2	055712-38-4	38
2	1H-Isoindole-1,3(2H)-dione, 4,5-...	175	C10H9NO2	066309-86-2	25
3	3-(4-Isopropyl-phenyl)-acrylic acid	190	C12H14O2	1000294-81-6	25
4	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	22
5	1H-Indole-2-carboxylic acid, 1-m...	175	C10H9NO2	016136-58-6	16





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Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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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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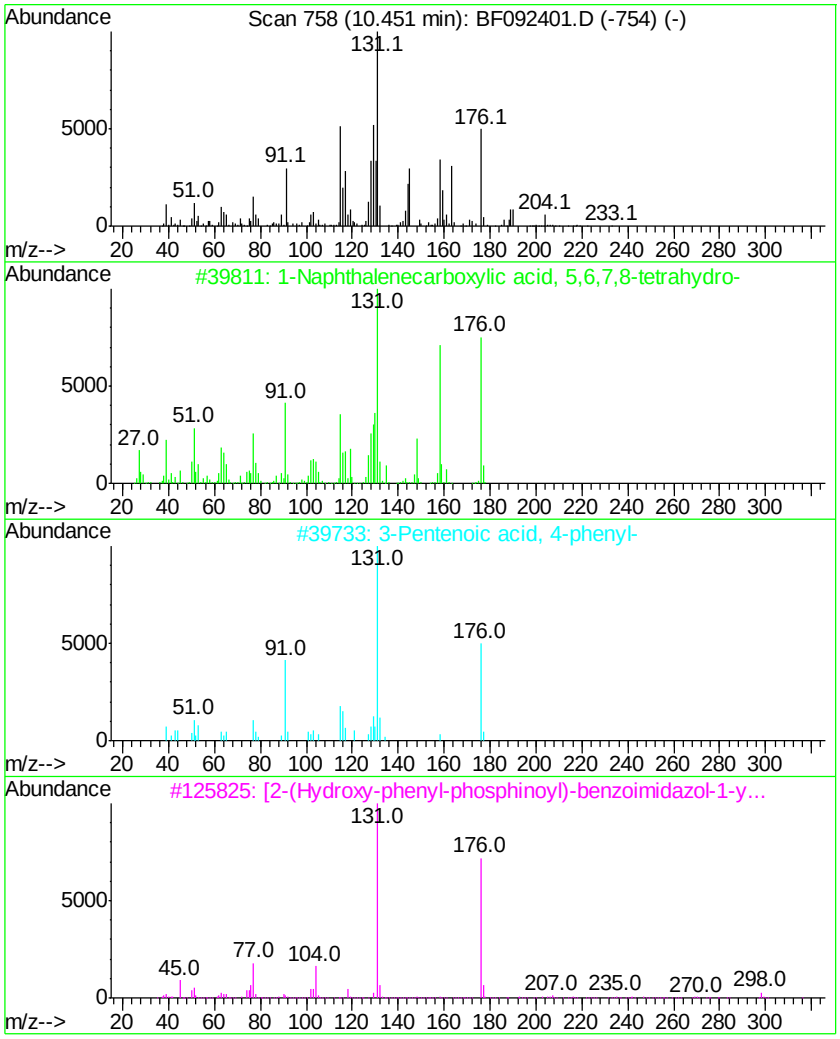
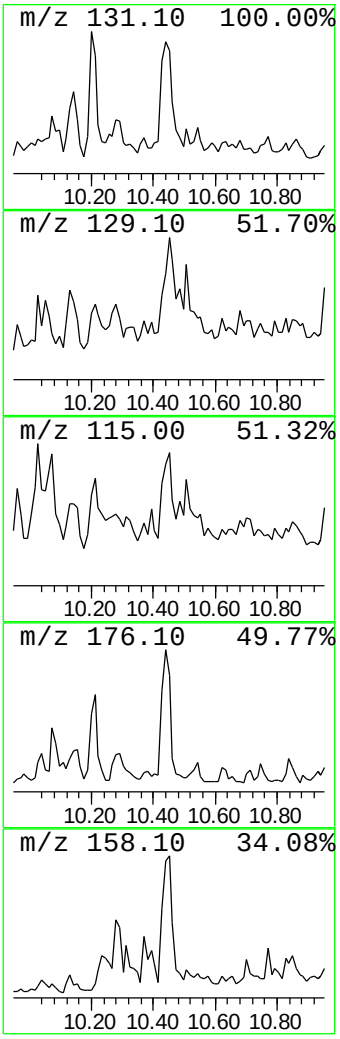
Peak Number 15 1-Naphthalenecarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	74.08 ng	1995310	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	70
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	35
3	[2-(Hydroxy-phenyl-phosphinoyl)-...	316	C15H13N2O4P	300566-65-8	27
4	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	25
5	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	22





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ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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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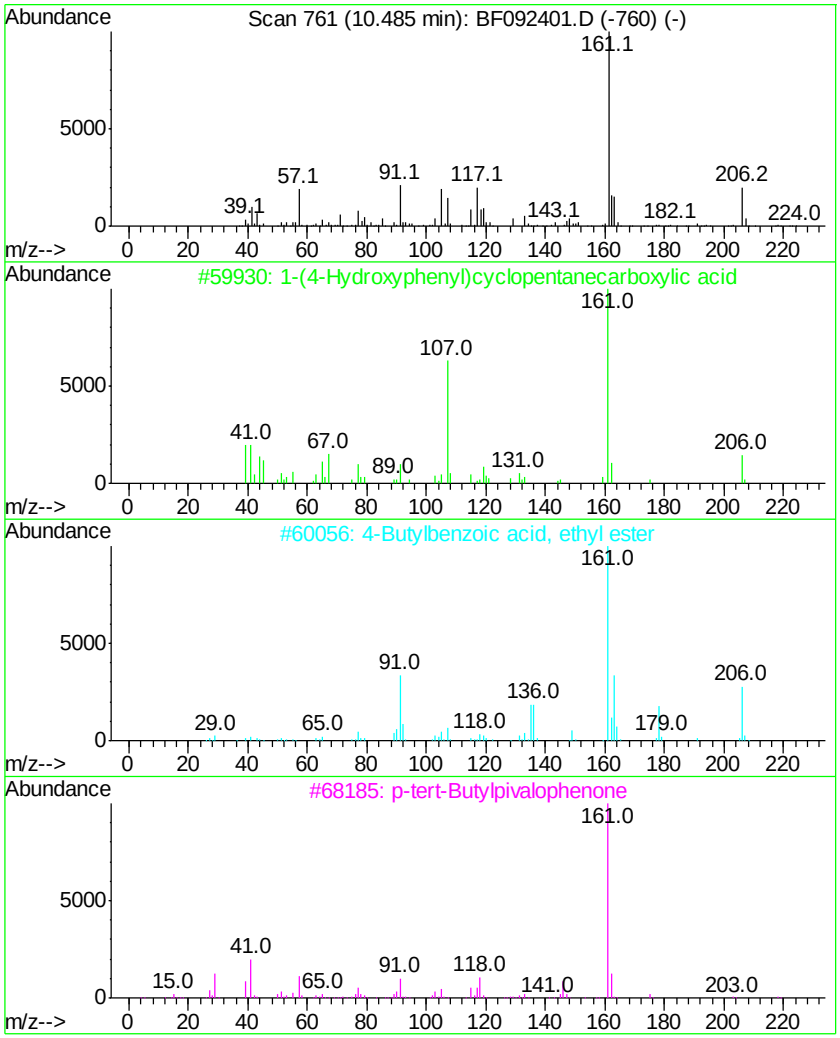
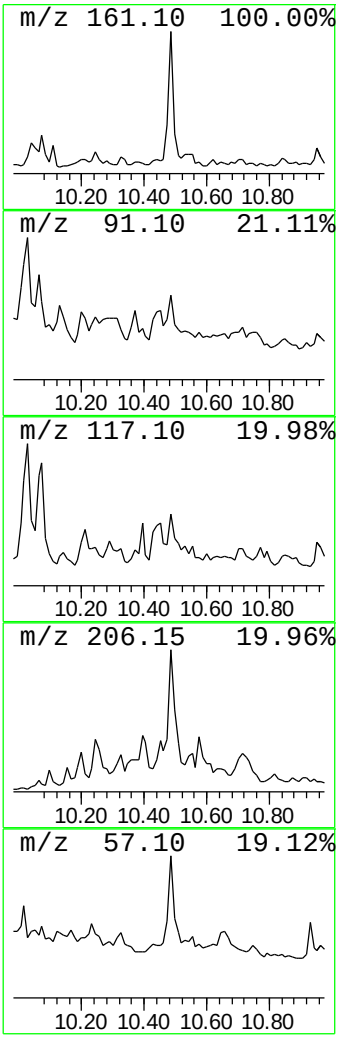
Peak Number 16 1-(4-Hydroxyphenyl)cyclopen... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	63.26 ng	1703930	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Hydroxyphenyl)cyclopentanec...	206	C12H14O3	091496-64-9	59
2	4-Butylbenzoic acid, ethyl ester	206	C13H18O2	085100-62-5	53
3	p-tert-Butylpivalophenone	218	C15H22O	022583-66-0	43
4	1-Ethyl-3-vinyl-adamantane	190	C14H22	1000214-99-6	43
5	(5-Methylbenzo(b)thien-3-yl)acet...	206	C11H10O2S	001735-12-2	40





Library Search Compound Report

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Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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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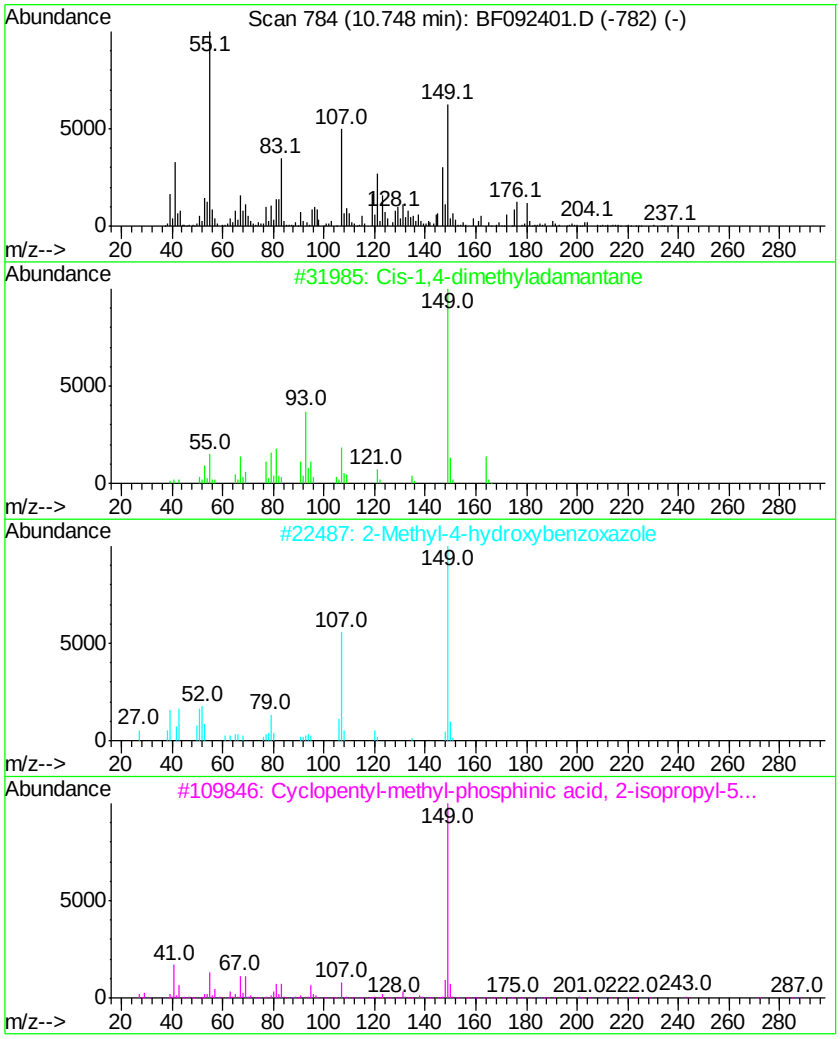
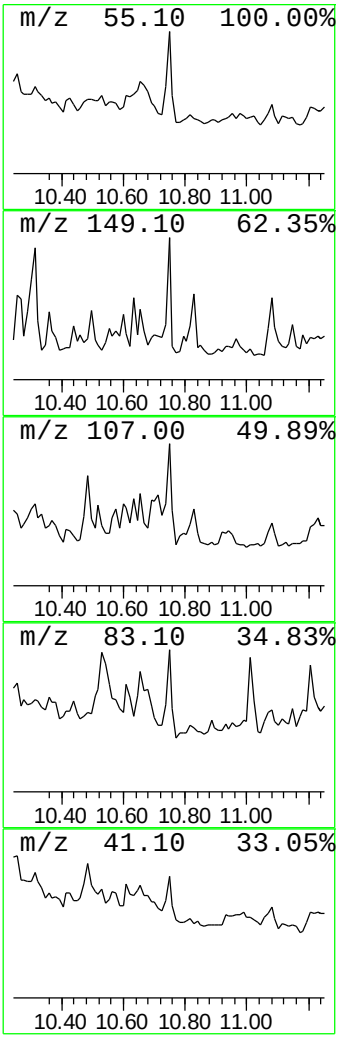
Peak Number 17 unknown10.75 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	42.27 ng	1138640	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cis-1,4-dimethyladamantane	164	C12H20	024145-89-9	22
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	22
3	Cyclopentyl-methyl-phosphinic ac...	286	C16H31O2P	1000194-56-2	22
4	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	14
5	1H-Purin-6-amine, N-methyl-	149	C6H7N5	000443-72-1	14





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Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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TIC Library : C:\DATABASE\NIST02.L
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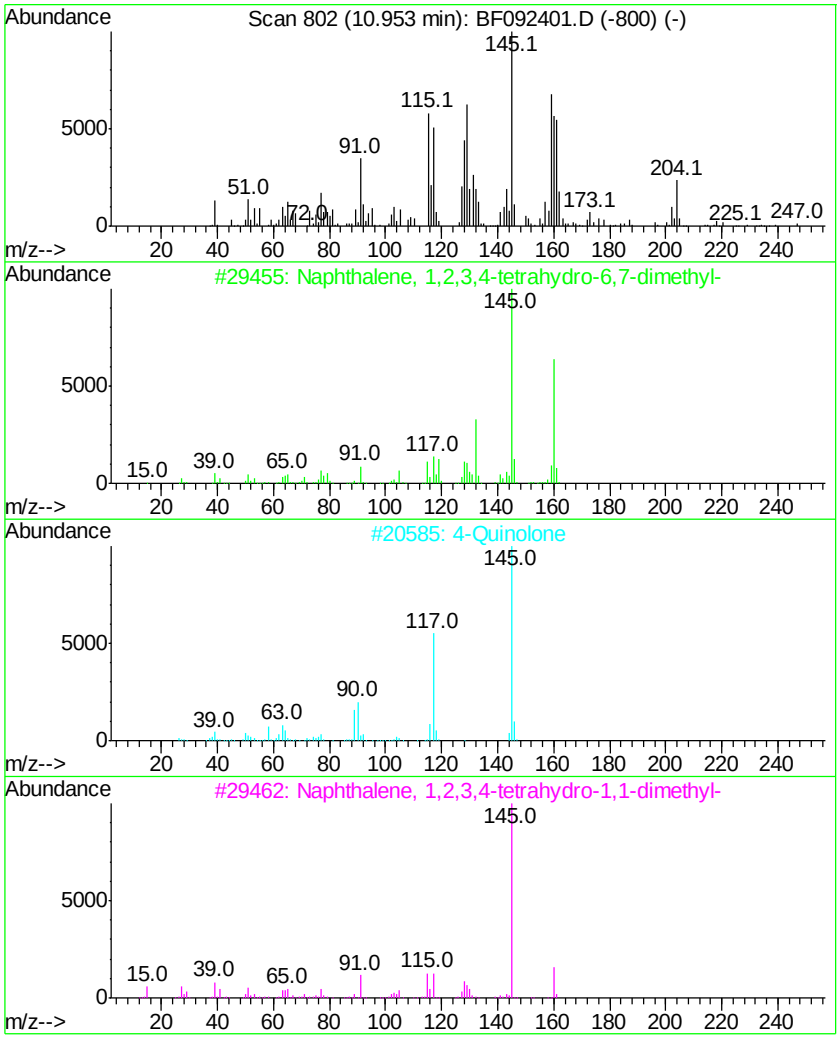
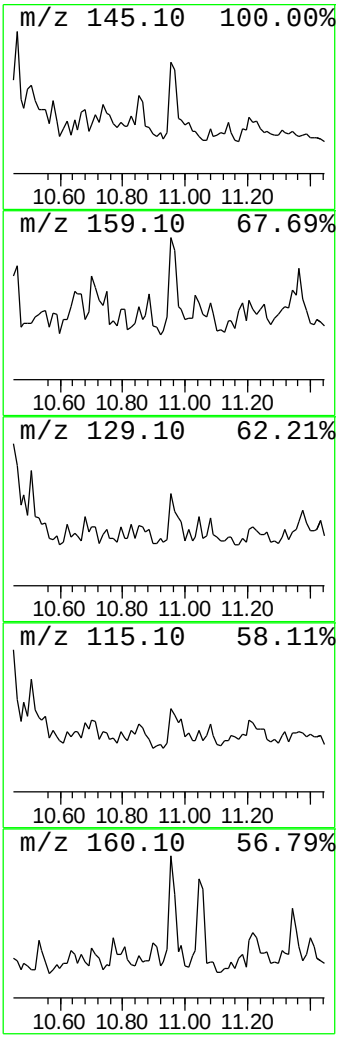
Peak Number 18 unknown10.95 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	32.34 ng	871190	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	43
2	4-Quinolone	145	C9H7NO	1000234-25-1	35
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	30
4	3-Buten-2-one, 3-methyl-4-phenyl-	160	C11H12O	001901-26-4	27
5	3-Penten-2-one, 4-phenyl-	160	C11H12O	000827-69-0	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092401.D
Acq On : 21 Jan 2017 6:55
Operator : UM/SJ
Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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

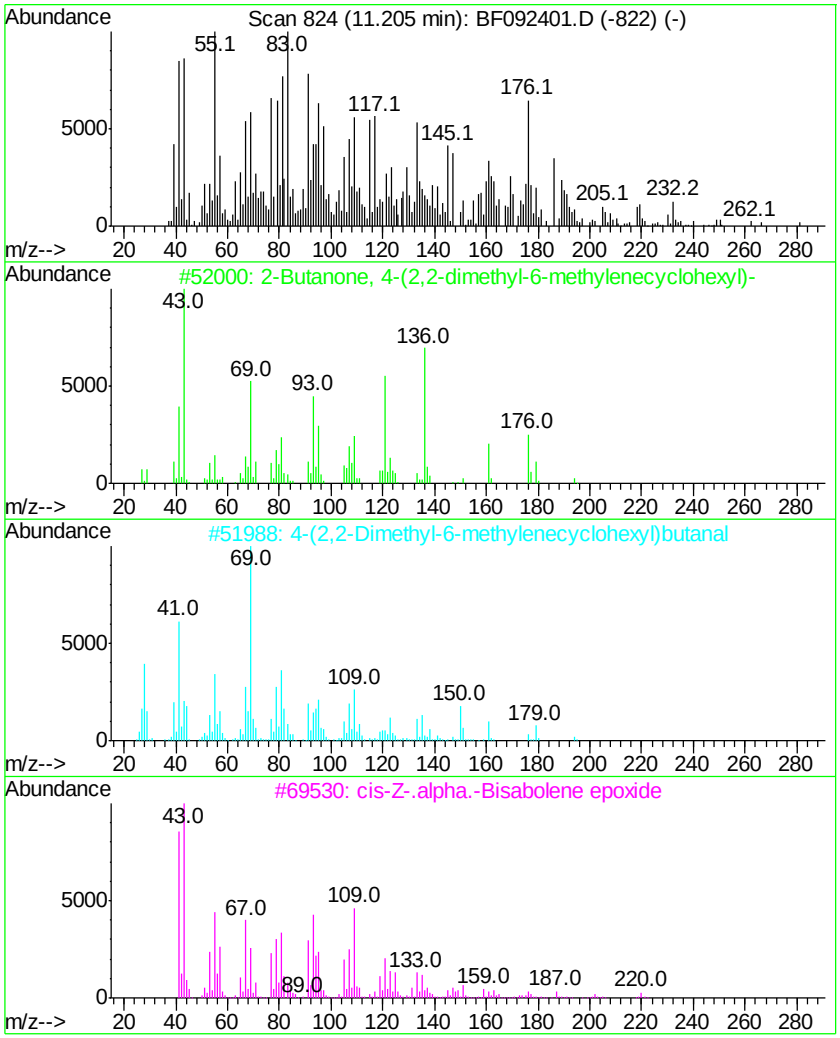
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

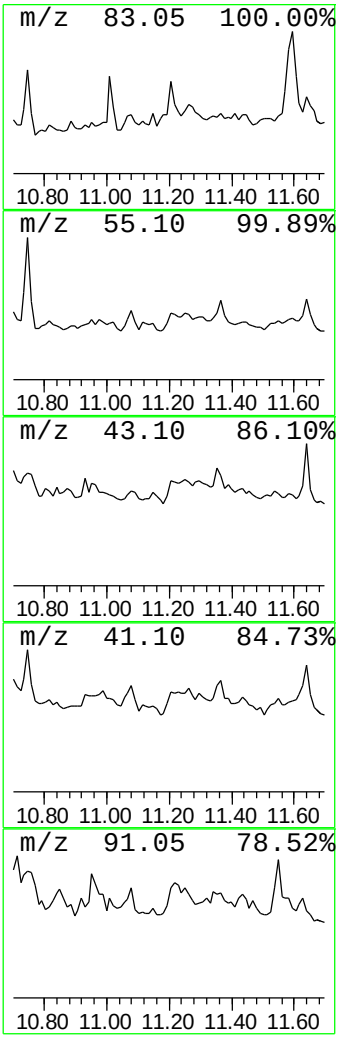
****

Peak Number 19 2-Butanone, 4-(2,2-dimethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	41.88 ng	1128140	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 4-(2,2-dimethyl-6-me...	194	C13H22O	013720-12-2	56
2	4-(2,2-Dimethyl-6-methylenecyclo...	194	C13H22O	095452-13-4	38
3	cis-Z-.alpha.-Bisabolene epoxide	220	C15H24O	1000131-71-2	30
4	Cyclohexane, 1,2-diethenyl-4-(1-...	176	C13H20	034528-95-5	25
5	Cis,trans-8-methyl-7-thiabicyclo...	186	C10H18OS	1000215-10-3	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092401.D
Acq On : 21 Jan 2017 6:55
Operator : UM/SJ
Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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

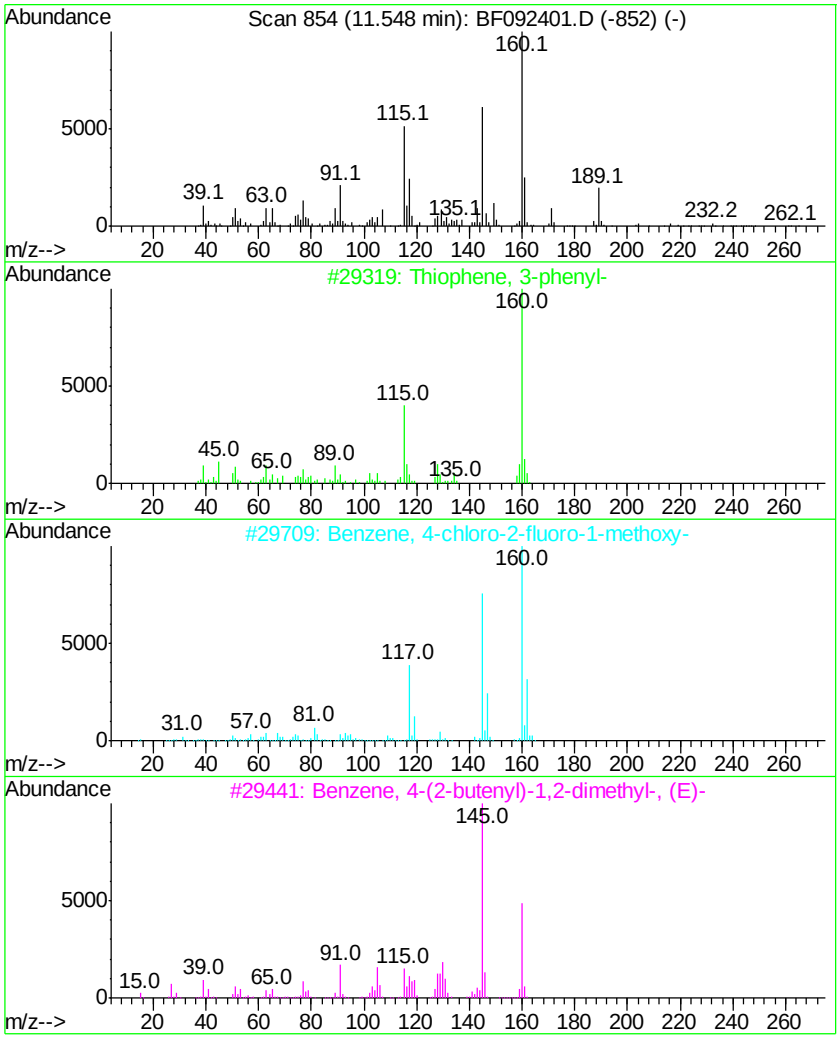
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

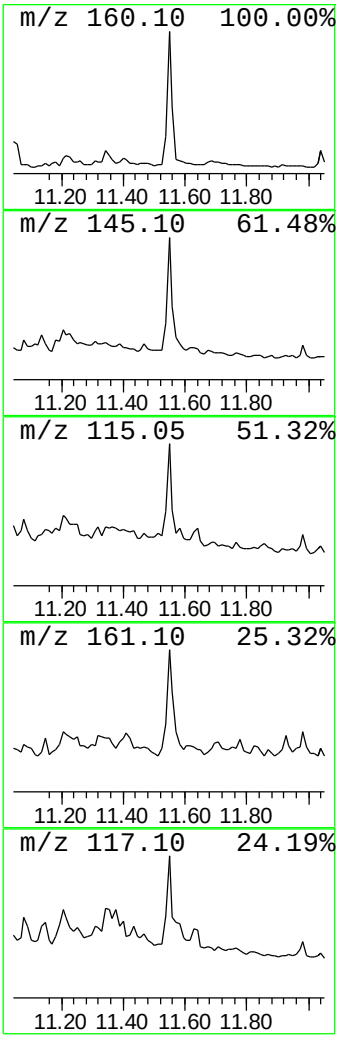
****

Peak Number 20 unknown11.55 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	29.94 ng	806384	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	47
2	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	43
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	43
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
Data File : BF092401.D
Acq On : 21 Jan 2017 6:55
Operator : UM/SJ
Sample : I1266-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

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
unknown6.30	6.30	46.3	ng	3030750	1	6.52	1309470	20.0
unknown7.94	7.94	25.3	ng	2816360	2	7.81	2230900	20.0
Bicyclo[2.2.1]hep...	8.21	29.2	ng	3259190	2	7.81	2230900	20.0
unknown8.43	8.43	29.6	ng	3295720	2	7.81	2230900	20.0
1-Methyl-2-methyl...	8.74	28.9	ng	1660680	3	9.57	1149760	20.0
1H-Inden-1-one, 2...	8.78	28.7	ng	1648590	3	9.57	1149760	20.0
unknown9.23	9.23	28.2	ng	1618900	3	9.57	1149760	20.0
unknown9.41	9.41	63.1	ng	3627550	3	9.57	1149760	20.0
unknown9.66	9.66	30.9	ng	1775150	3	9.57	1149760	20.0
unknown9.97	9.97	58.4	ng	3358700	3	9.57	1149760	20.0
unknown10.03	10.03	58.2	ng	3347120	3	9.57	1149760	20.0
unknown10.06	10.06	32.0	ng	1838400	3	9.57	1149760	20.0
unknown10.13	10.13	36.4	ng	2092620	3	9.57	1149760	20.0
1-Naphthalenecarb...	10.45	74.1	ng	1995310	4	11.06	538703	20.0
1-(4-Hydroxypheny...	10.48	63.3	ng	1703930	4	11.06	538703	20.0
unknown10.75	10.75	42.3	ng	1138640	4	11.06	538703	20.0
unknown10.95	10.95	32.3	ng	871190	4	11.06	538703	20.0
2-Butanone, 4-(2,...	11.20	41.9	ng	1128140	4	11.06	538703	20.0
unknown11.55	11.55	29.9	ng	806384	4	11.06	538703	20.0