LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084053.D
Acq On : 24 Dec 2015 00:30
Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 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-BF122215.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	4.990	252	254	258	rVB2	49350	74150	2.68%	0.134%
2	5.321	280	283	285	rBV	122078	123219	4.45%	0.223%
3	5.436	291	293	300	rVB	458601	475511	17.16%	0.859%
4	5.584	304	306	309	rVV	101288	122819	4.43%	0.222%
5	5.653	309	312	314	rVV	50317	84484	3.05%	0.153%
6	5.687	314	315	321	rVB2	77933	129308	4.67%	0.234%
7	5.847	327	329	332	rVB	135888	145612	5.25%	0.263%
8	6.019	342	344	347	rVB	39349	38391	1.39%	0.069%
9	6.087	347	350	352	rVB	25801	41914	1.51%	0.076%
10	6.156	352	356	358	rBV2	54856	95898	3.46%	0.173%
11	6.224	358	362	363	rBV	110424	170151	6.14%	0.308%
12	6.270	363	366	368	rVB3	76661	135483	4.89%	0.245%
13	6.316	368	370	375	rBV	110455	137544	4.96%	0.249%
14	6.384	375	376	378	rBV	49599	49538	1.79%	0.090%
15	6.419	378	379	380	rBV	50498	44672	1.61%	0.081%
16	6.453	380	382	383	rVB	111557	102163	3.69%	0.185%
17	6.499	383	386	390	rBV2	196367	381808	13.78%	0.690%
18	6.602	393	395	397	rBV	894387	1038631	37.47%	1.877%
19	6.670	399	401	402	rBV	77912	94747	3.42%	0.171%
20	6.693	402	403	406	rBV3	84990	129850	4.69%	0.235%
21	6.773	406	410	412	rBV4	151740	342652	12.36%	0.619%
22	6.819	412	414	419	rVB2	406449	550249	19.85%	0.995%
23	6.887	419	420	425	rVB3	100858	207912	7.50%	0.376%
24	6.979	425	428	430	rBV	1224614	1234346	44.54%	2.231%
25	7.024	430	432	438	rVB3	106080	233483	8.42%	0.422%
26	7.116	438	440	441	rBV	38584	42142	1.52%	0.076%
27	7.150	441	443	447	rVB5	107261	277748	10.02%	0.502%
28	7.230	447	450	451	rBV	152958	154347	5.57%	0.279%
29	7.276	451	454	457	rVB4	60954	139610	5.04%	0.252%
30	7.345	457	460	462	rBV2	223860	512027	18.47%	0.925%
31	7.390	462	464	465	rVB	705520	681655	24.59%	1.232%
32	7.425	465	467	468	rBV	227906	269519	9.72%	0.487%
33	7.482	468	472	473	rBV4	95049	206806	7.46%	0.374%
34	7.505	473	474	475	rVB	155886	106860	3.86%	0.193%

LSC Area Percent Report

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Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 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-BF122215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.539	475	477	481	rVB3	229426	465876	16.81%	0.842%
36	7.619	481	484	486	rBV4	186064	413854	14.93%	0.748%
37	7.687	486	490	492	rBV3	166218	369164	13.32%	0.667%
38	7.722	492	493	495	rVB2	212011	211323	7.62%	0.382%
39	7.790	495	499	501	rBV2	439019	676980	24.43%	1.224%
40	7.859	501	505	506	rBV	491410	691554	24.95%	1.250%
41	7.893	506	508	509	rVB	261410	257164	9.28%	0.465%
42	7.927	509	511	515	rVB3	391832	870152	31.40%	1.573%
43	7.996	515	517	520	rBV4	150151	376569	13.59%	0.681%
44	8.053	520	522	525	rVB3	117978	185811	6.70%	0.336%
45	8.110	525	527	530	rBV	680219	806419	29.10%	1.458%
46	8.190	530	534	535	rBV3	308471	768278	27.72%	1.389%
47	8.293	539	543	547	rVB3	434265	865934	31.24%	1.565%
48	8.362	547	549	550	rBV2	420409	576744	20.81%	1.042%
49	8.419	550	554	556	rVB4	392761	1097240	39.59%	1.983%
50	8.499	556	561	562	rBV3	566440	1430589	51.62%	2.586%
51	8.556	562	566	569	rVB3	420666	900398	32.49%	1.627%
52	8.659	573	575	576	rBV	278359	383711	13.84%	0.694%
53	8.716	577	580	582	rVB3	368593	702776	25.36%	1.270%
54	8.762	582	584	586	rBV3	149346	257590	9.29%	0.466%
55	8.819	588	589	592	rVB2	628258	827881	29.87%	1.496%
56	8.899	594	596	597	rVB	506354	604381	21.81%	1.092%
57	8.933	597	599	600	rBV	814796	939062	33.88%	1.697%
58	9.036	604	608	609	rBV	465788	768863	27.74%	1.390%
59	9.070	609	611	612	rBV	730094	954227	34.43%	1.725%
60	9.150	616	618	620	rVV2	891494	1516278	54.71%	2.741%
61	9.196	620	622	624	rVV	1681211	1958294	70.66%	3.540%
62	9.230	624	625	626	rVV	629274	601234	21.69%	1.087%
63	9.276	626	629	632	rVV4	448219	1482896	53.50%	2.680%
64	9.368	635	637	641	rVB4	340029	615645	22.21%	1.113%
65	9.436	641	643	645	rBV2	203714	280780	10.13%	0.508%
66	9.539	650	652	658	rVB5	781236	2047067	73.86%	3.700%
67	9.642	658	661	664	rBV4	765195	1576546	56.88%	2.850%
68	9.710	664	667	673	rBV4	722282	1570203	56.65%	2.838%
69	9.870	679	681	683	rBV3	508198	744808	26.87%	1.346%
70	9.973	687	690	696	rVB7	506690	1181437	42.63%	2.135%
71	10.053	696	697	700	rBV3	319412	499754	18.03%	0.903%

LSC Area Percent Report

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Data File : BF084053.D
Acq On : 24 Dec 2015 00:30
Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.111	700	702	703	rBV2	269002	334600	12.07%	0.605%
73	10.339	718	722	724	rBV	1090563	2771583	100.00%	5.010%
74	10.385	724	726	730	rVB2	1113070	2132881	76.96%	3.855%
75	10.465	730	733	736	rBV2	859613	1703929	61.48%	3.080%
76	10.533	736	739	740	rBV2	496042	870451	31.41%	1.573%
77	10.579	740	743	746	rBV4	411552	750479	27.08%	1.356%
78	10.682	749	752	753	rBV2	543987	669674	24.16%	1.210%
79	10.762	756	759	761	rBV2	660724	1756763	63.38%	3.175%
80	11.265	800	803	807	rVV6	374987	850531	30.69%	1.537%
81	11.356	810	811	816	rVB2	344837	656596	23.69%	1.187%
82	11.814	849	851	852	rBV	196309	294305	10.62%	0.532%
83	11.859	852	855	859	rVV2	413815	845206	30.50%	1.528%
84	11.928	859	861	866	rVB2	225747	311469	11.24%	0.563%
85	12.145	878	880	887	rVV	260443	567491	20.48%	1.026%
86	12.282	890	892	895	rVB3	143754	213736	7.71%	0.386%
87	12.682	925	927	930	rBV3	98648	113686	4.10%	0.205%
88	12.934	947	949	951	rBV	858634	840662	30.33%	1.519%
89	13.825	1025	1027	1031	rVB	49279	59057	2.13%	0.107%
90	13.985	1039	1041	1044	rVB	225035	245968	8.87%	0.445%
91	15.414	1164	1166	1175	rVB	200169	284255	10.26%	0.514%

Sum of corrected areas: 55326053

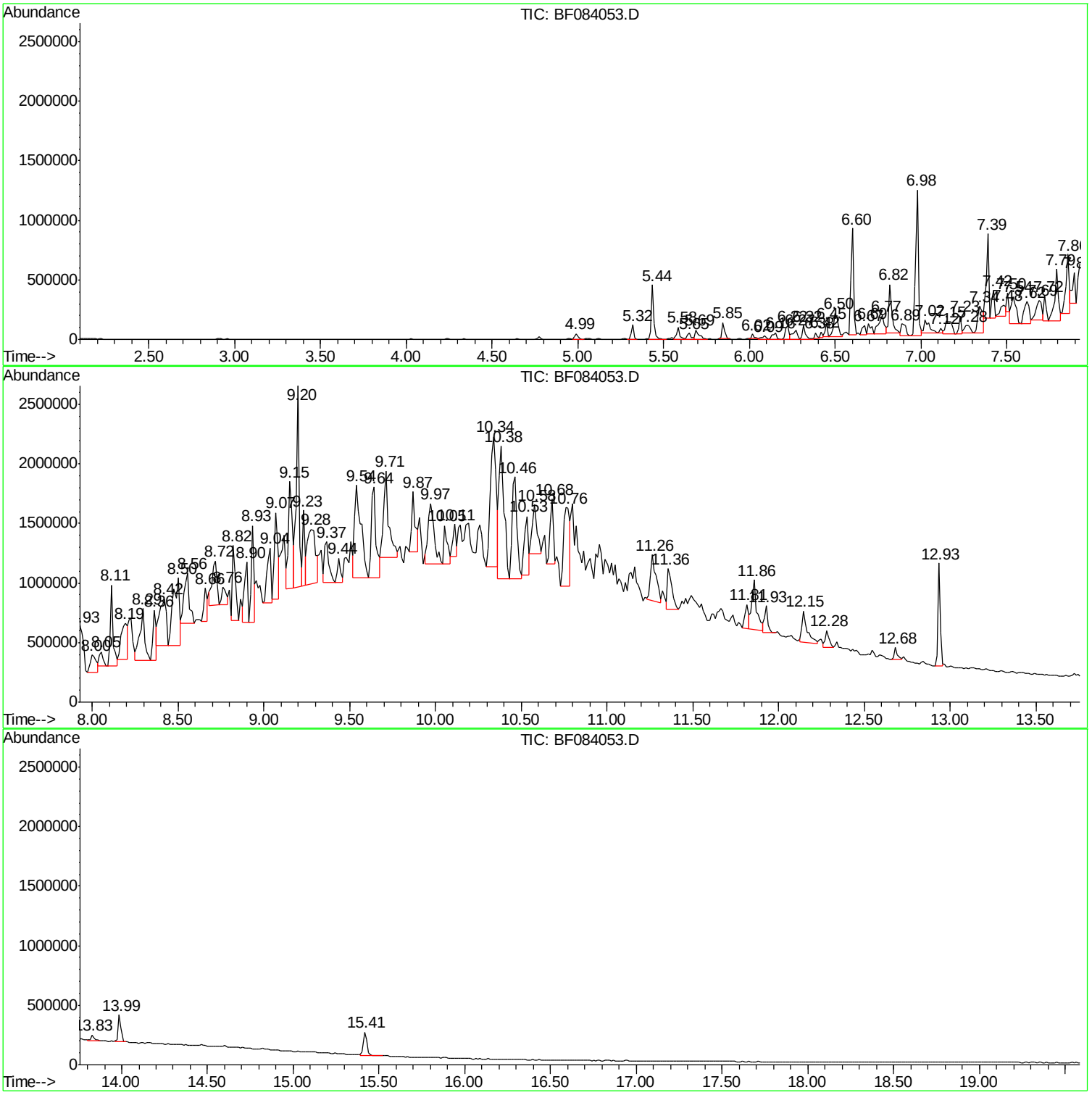
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084053.D
Acq On : 24 Dec 2015 00:30
Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084053.D
Acq On : 24 Dec 2015 00:30
Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

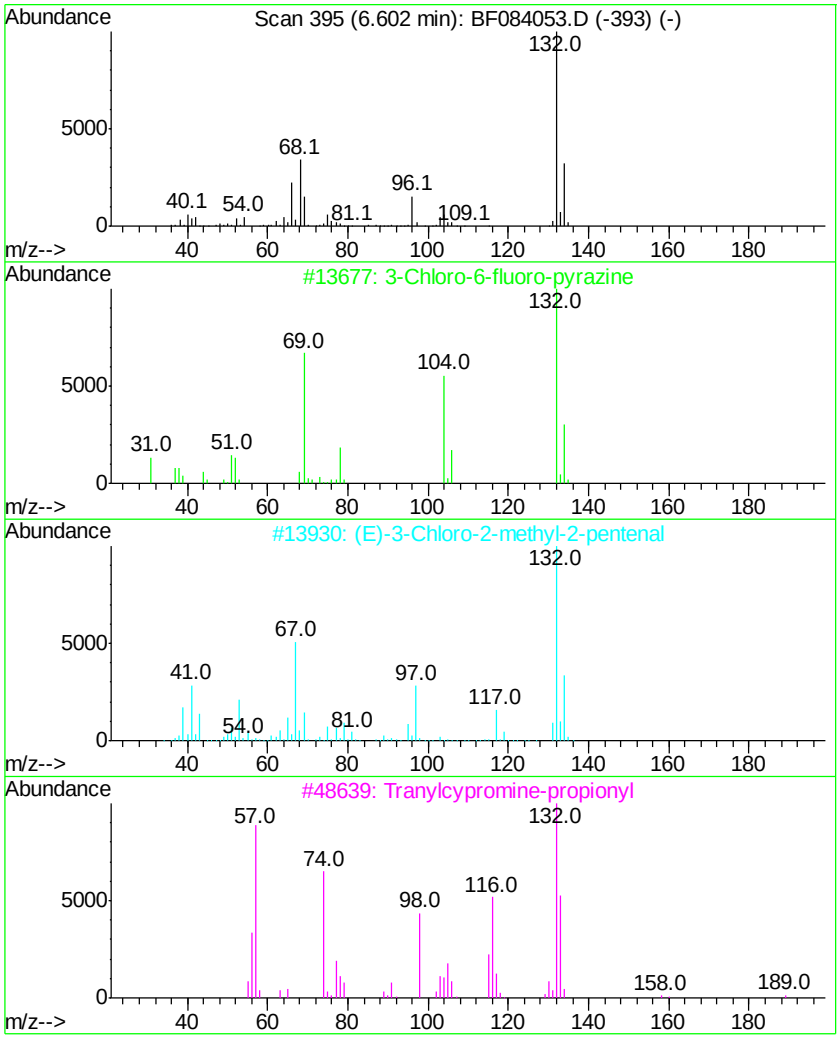
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

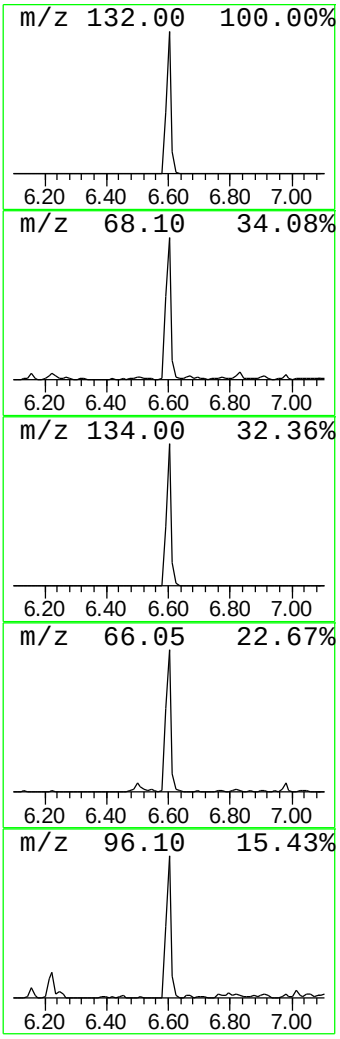
****

Peak Number 1 unknown6.60 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	37.75 ng	1038630	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084053.D
Acq On : 24 Dec 2015 00:30
Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

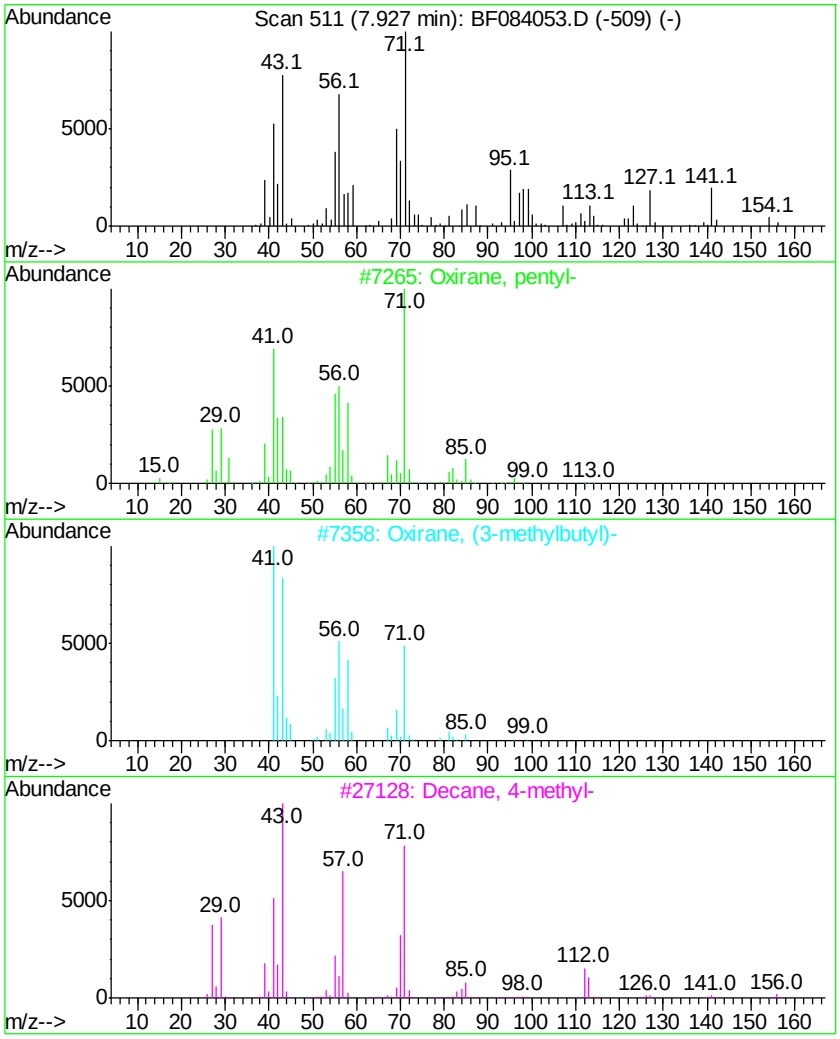
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

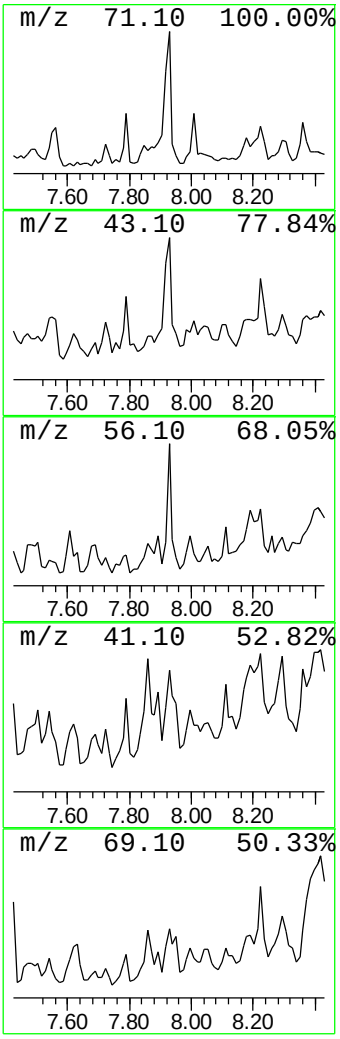
****

Peak Number 3 unknown7.93 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	21.58 ng	870152	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, pentyl-	114	C7H14O	005063-65-0	43
2	Oxirane, (3-methylbutyl)-	114	C7H14O	053229-41-7	43
3	Decane, 4-methyl-	156	C11H24	002847-72-5	38
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	38
5	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	38





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Data File : BF084053.D
Acq On : 24 Dec 2015 00:30
Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

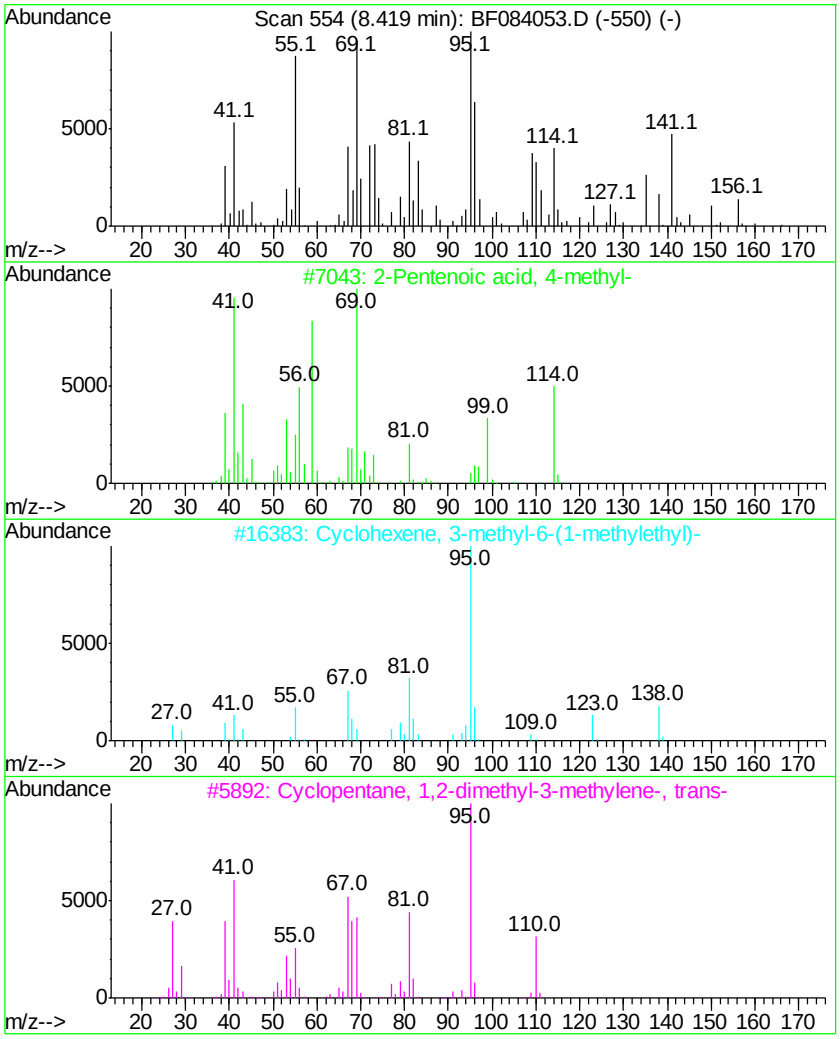
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

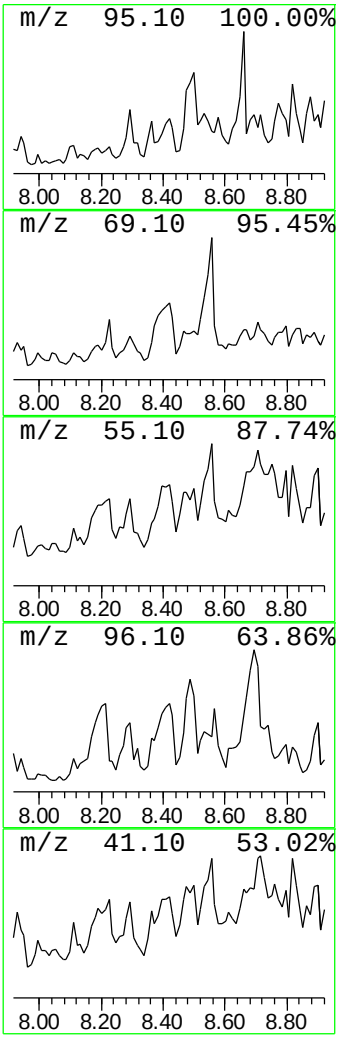
****

Peak Number 4 unknown8.42 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	27.21 ng	1097240	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, 4-methyl-	114	C6H10O2	010321-71-8	25
2	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	25
3	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	25
4	Benzene, 1-fluoro-4-nitro-	141	C6H4FNO2	000350-46-9	22
5	2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
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Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

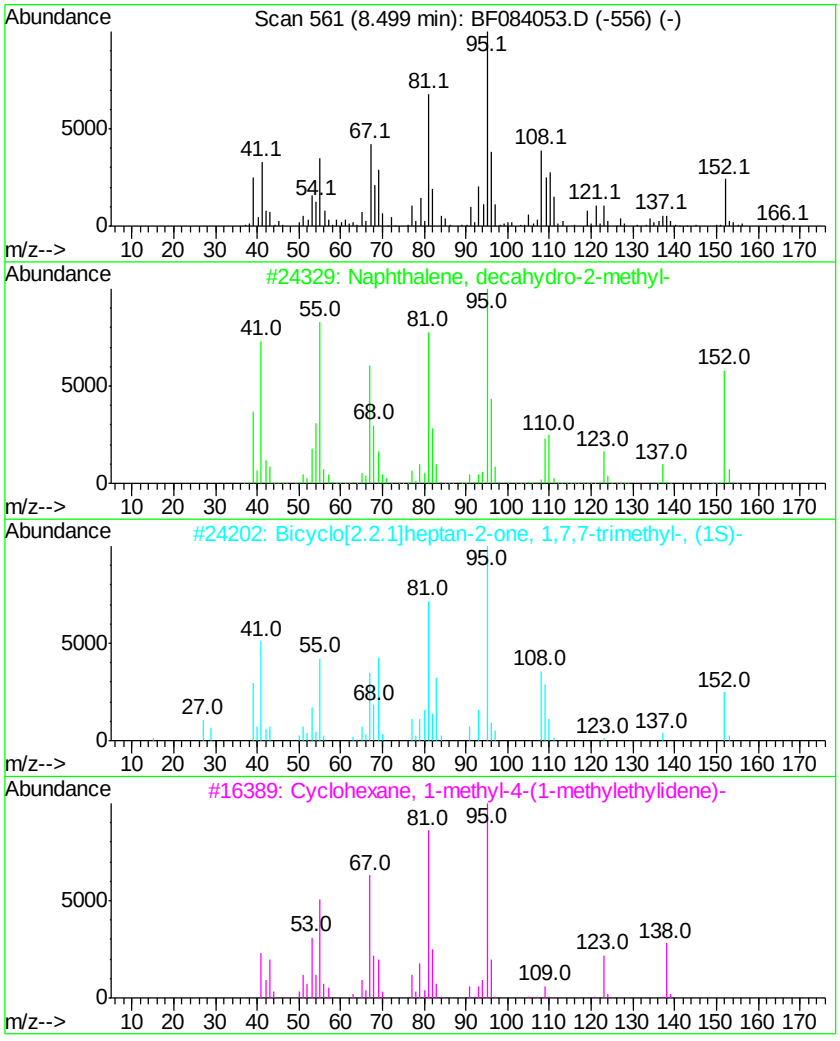
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

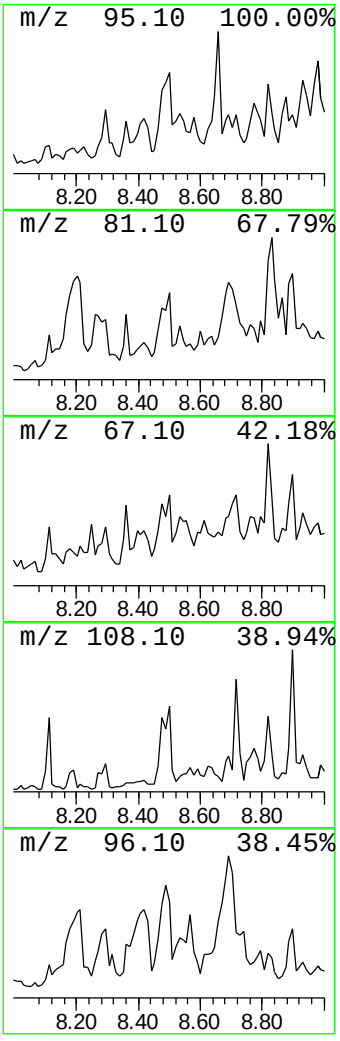
****

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	35.48 ng	1430590	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	76
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	64
4	Camphor	152	C10H16O	000076-22-2	53
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084053.D
Acq On : 24 Dec 2015 00:30
Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

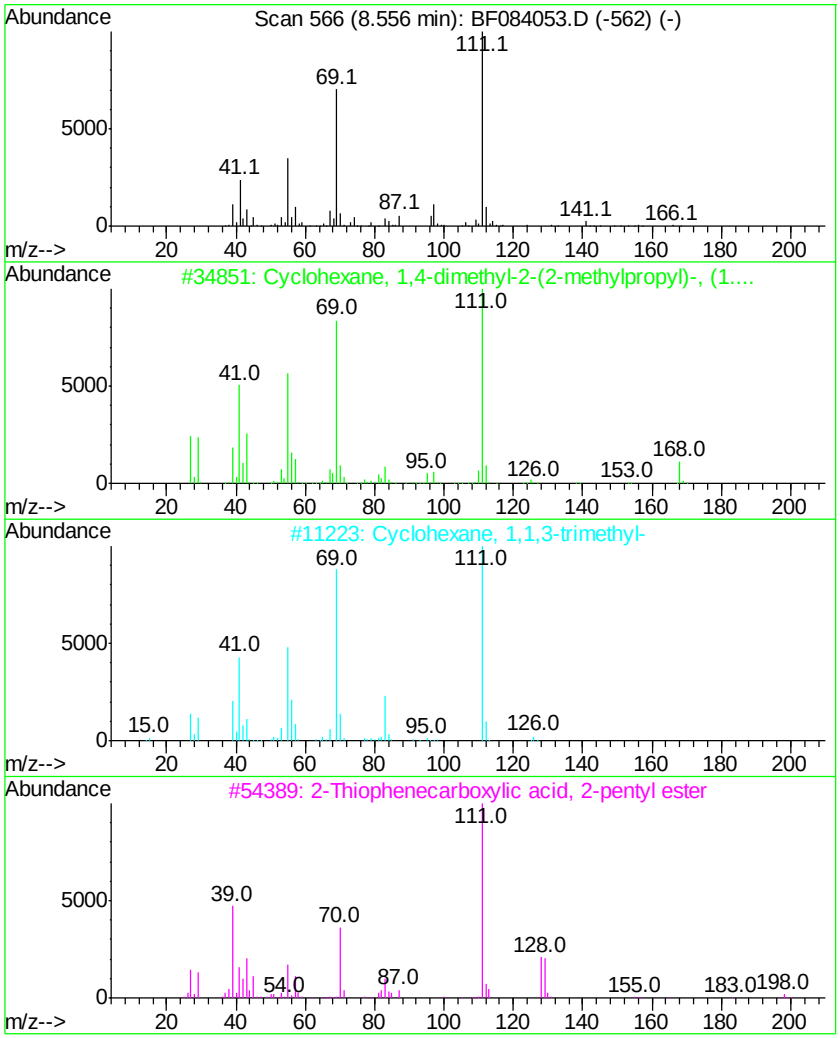
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

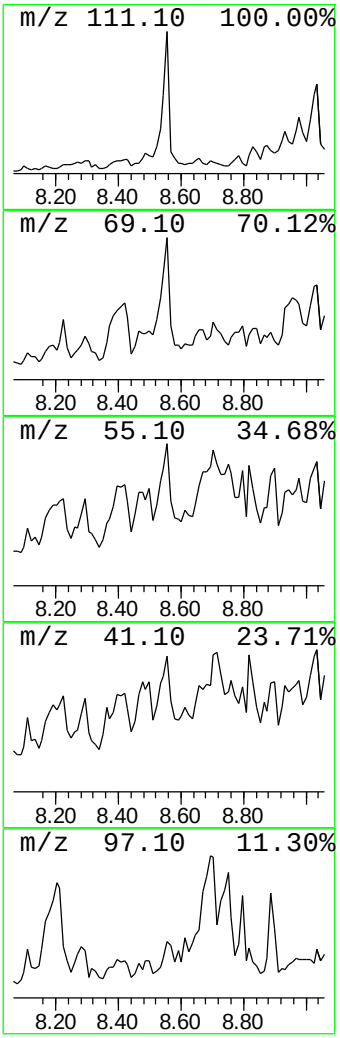
****

Peak Number 6 Cyclohexane, 1,4-dimethyl-2... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	22.33 ng	900398	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	72
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
3	2-Thiophenecarboxylic acid, 2-pe...	198	C10H14O2S	1000278-87-4	59
4	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	56
5	2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084053.D
Acq On : 24 Dec 2015 00:30
Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

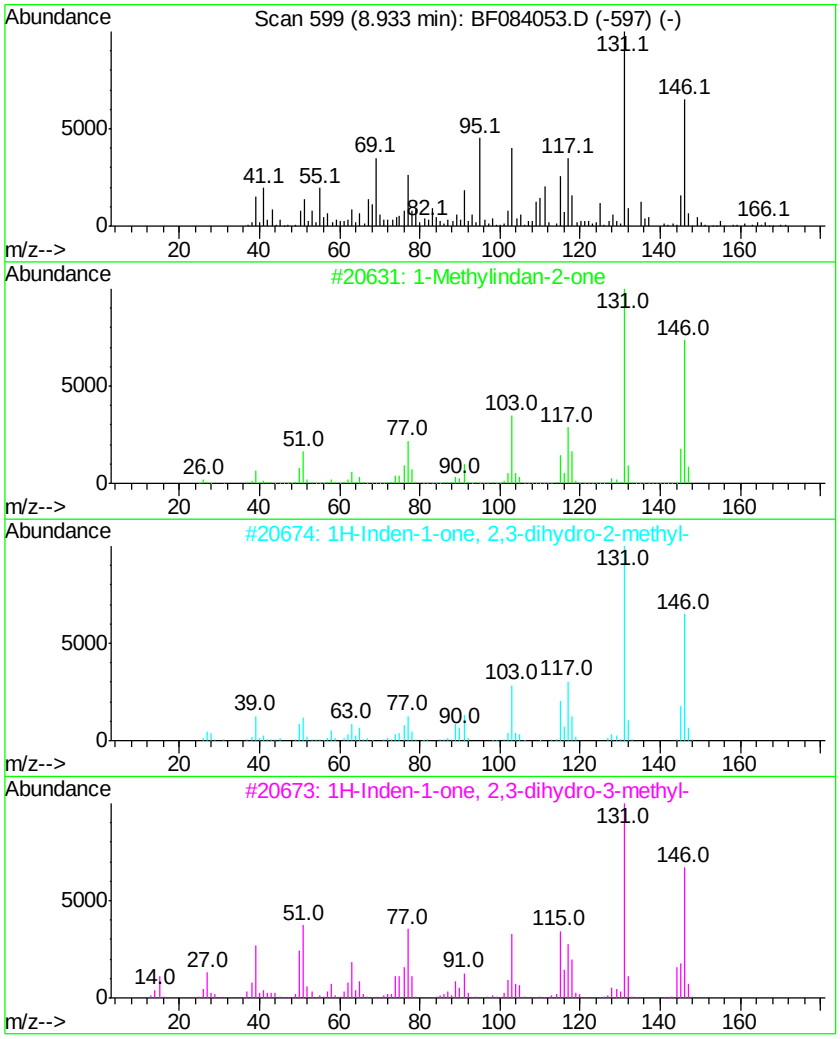
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

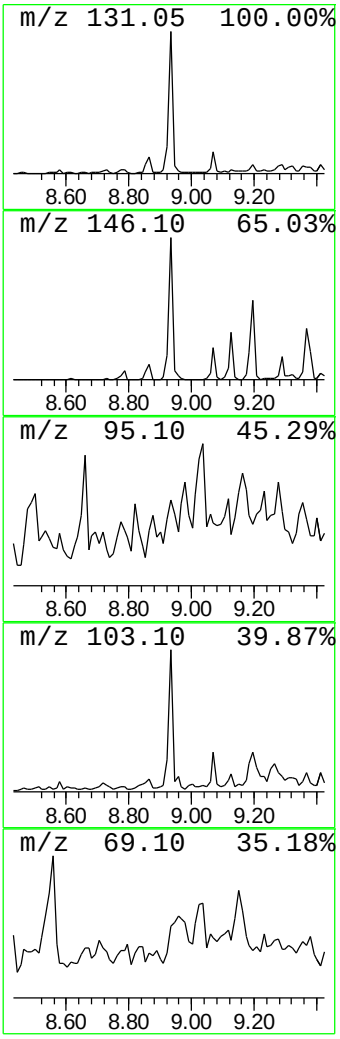
****

Peak Number 7 1-Methylindan-2-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	23.29 ng	939062	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	92
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	86
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	64
4	2-Propenoyl chloride, 3-phenyl-	166	C9H7ClO	000102-92-1	60
5	1-Decen-3-one, 5-hydroxy-4-penty...	316	C21H32O2	1000115-33-2	50





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Acq On : 24 Dec 2015 00:30
Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 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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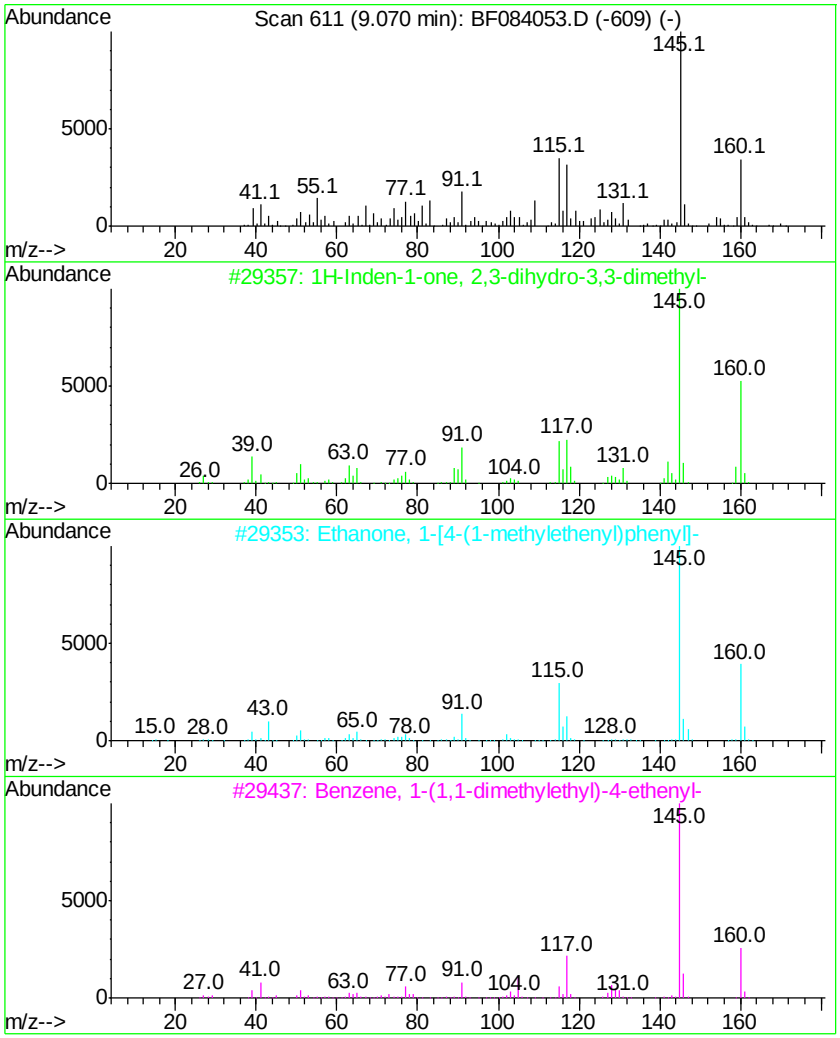
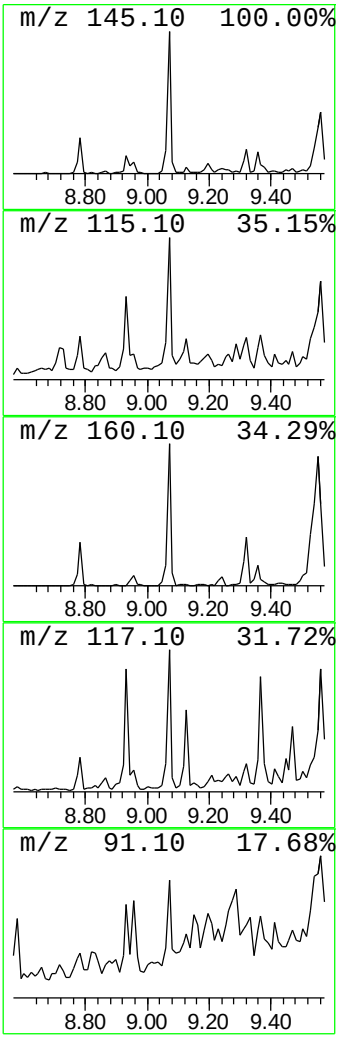
Peak Number 8 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	25.62 ng	954227	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	90
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	81
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	68
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	62





Library Search Compound Report

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Sample : G4907-04
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ClientSampleId : MW-01

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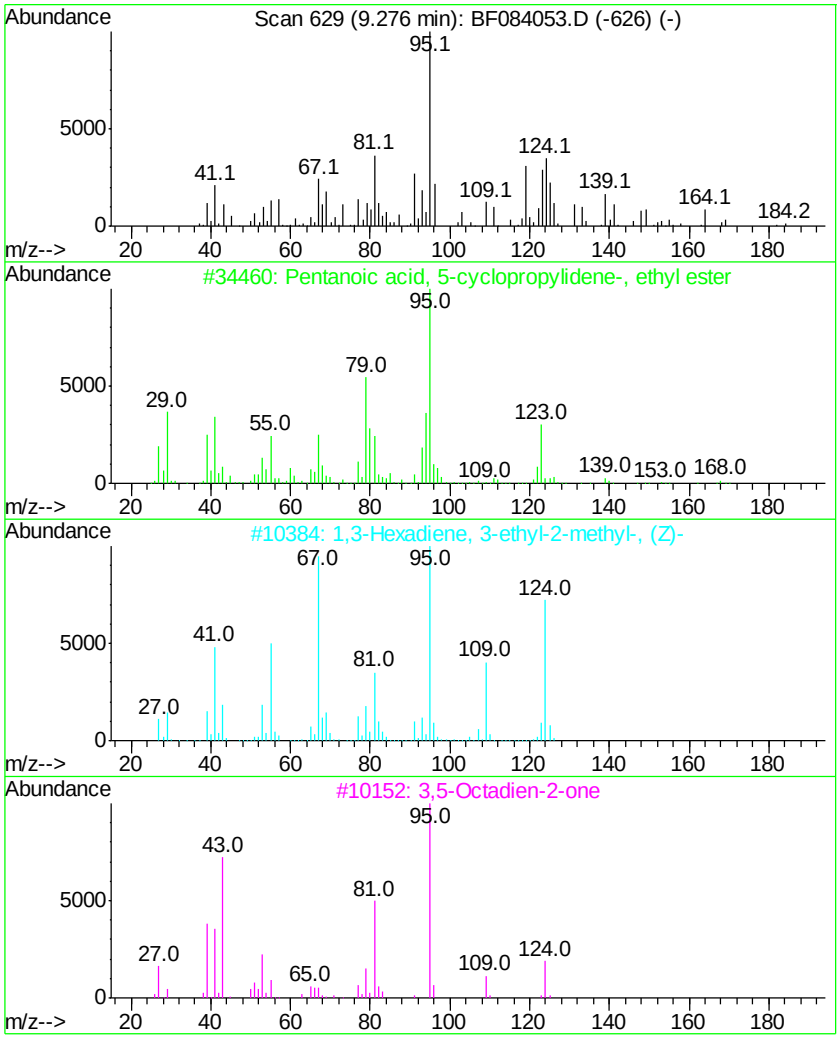
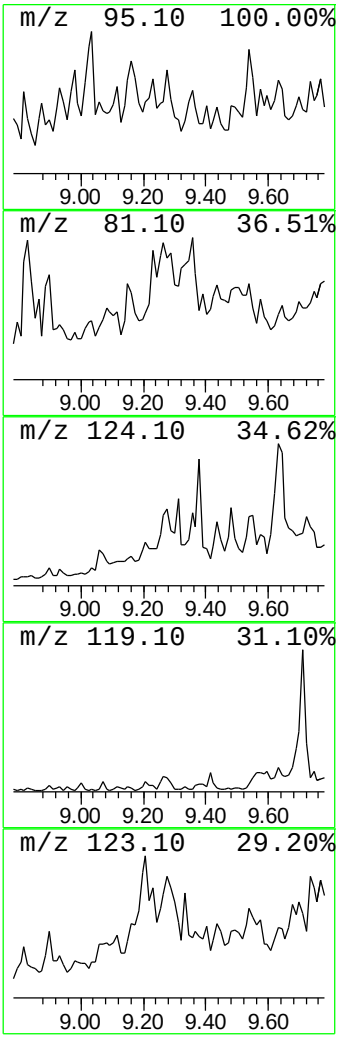
Peak Number 9 unknown9.28 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	39.82 ng	1482900	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 5-cyclopropylide...	168	C10H16O2	1000159-44-3	43
2	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	38
3	3,5-Octadien-2-one	124	C8H12O	038284-27-4	38
4	3,5-Octadien-2-one, (E,E)-	124	C8H12O	030086-02-3	38
5	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	38





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Instrument : BNA_F
ClientSampleId : MW-01

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

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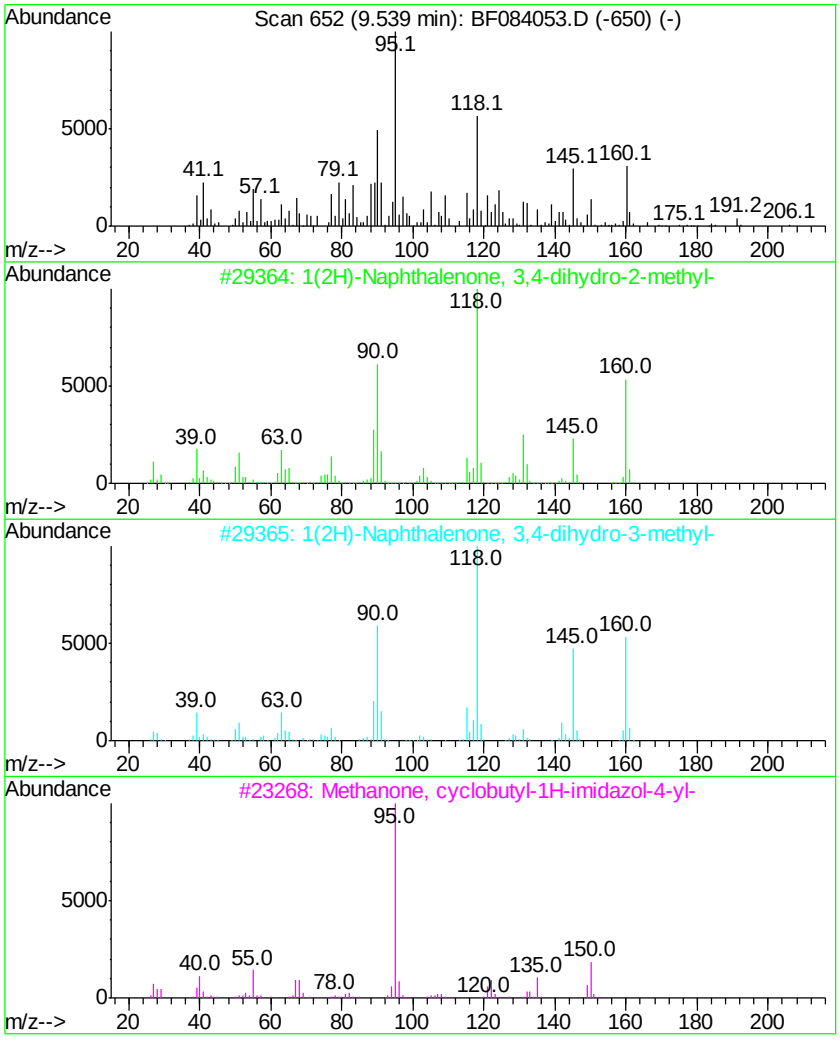
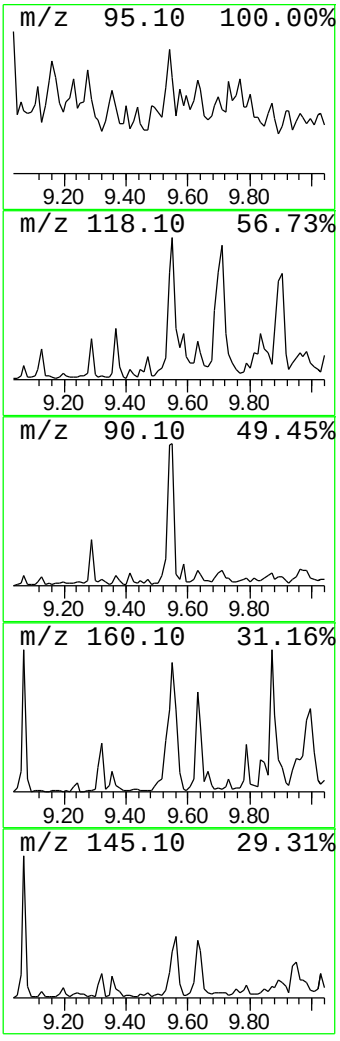
Peak Number 10 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	54.97 ng	2047070	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	50
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	46
3	Methanone, cyclobutyl-1H-imidazo...	150	C8H10N2O	069393-27-7	25
4	Benzofuran	118	C8H6O	000271-89-6	18
5	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	18





Library Search Compound Report

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Sample : G4907-04
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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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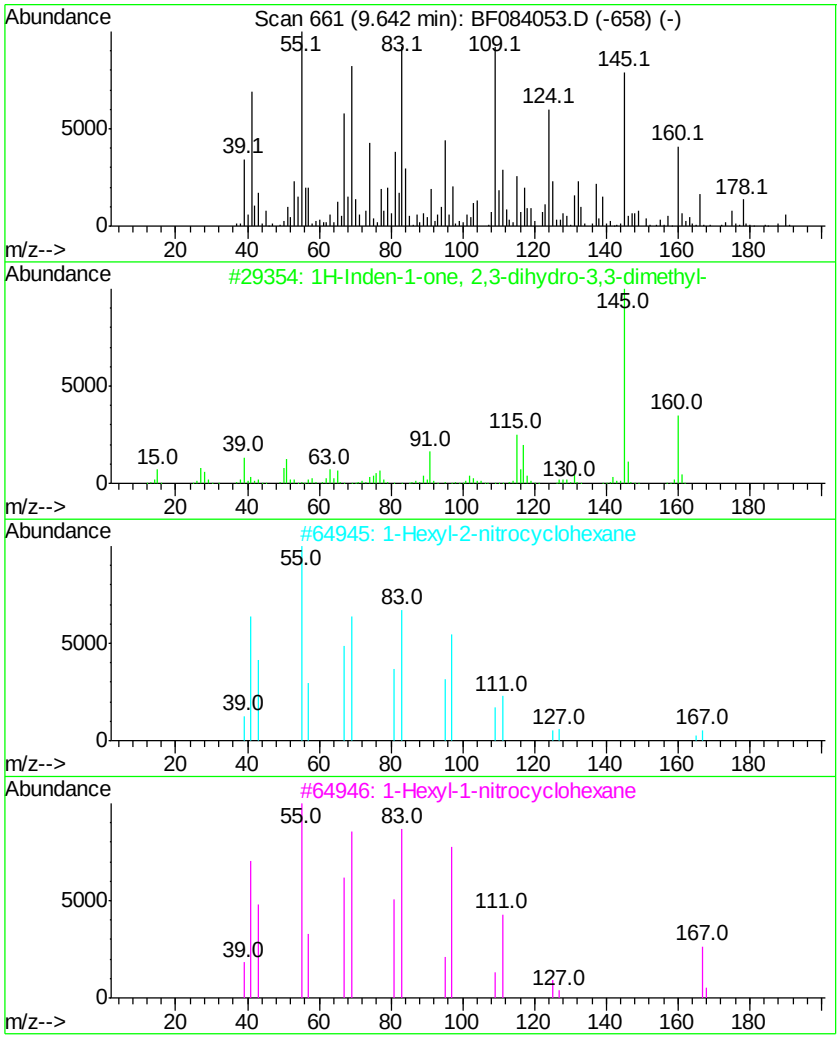
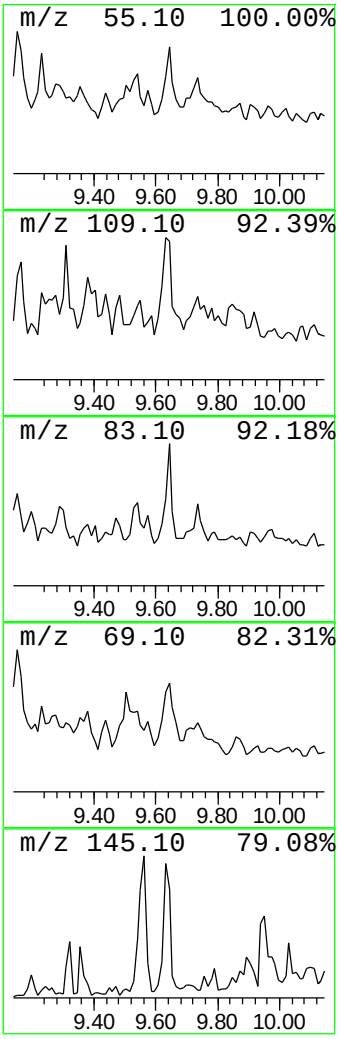
Peak Number 11 unknown9.64 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	42.33 ng	1576550	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	44
2	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	27
3	1-Hexyl-1-nitrocyclohexane	213	C12H23NO2	118252-09-8	22
4	3,7-Nonadien-2-one, 4,8-dimethyl-	166	C11H18O	000817-88-9	22
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	22





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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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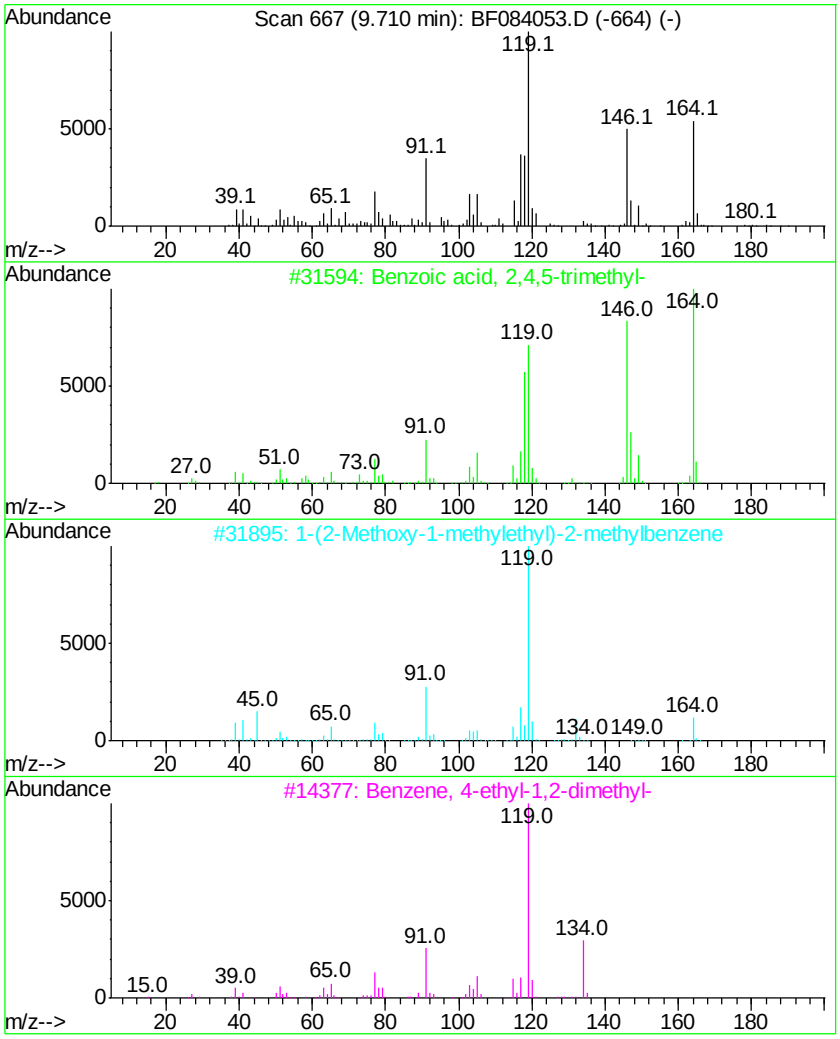
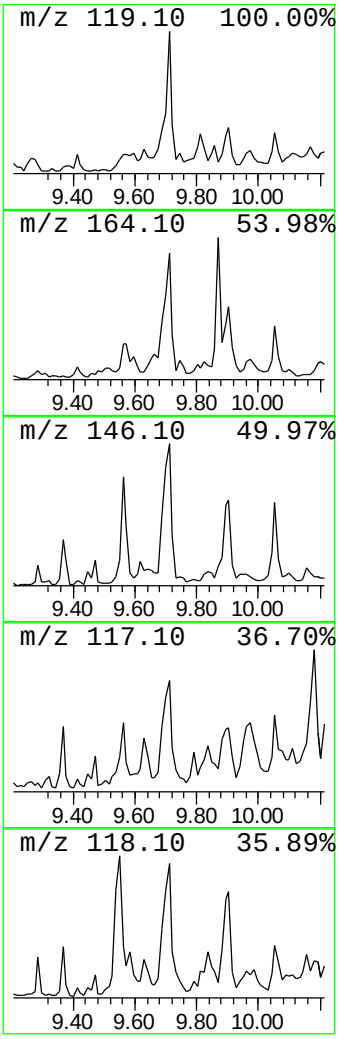
Peak Number 12 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	42.16 ng	1570200	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	64
2	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	47
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	41
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	27
5	Benzoxazol, 2,3-dihydro-2-thioxo...	269	C15H11NO2S	037442-06-1	22





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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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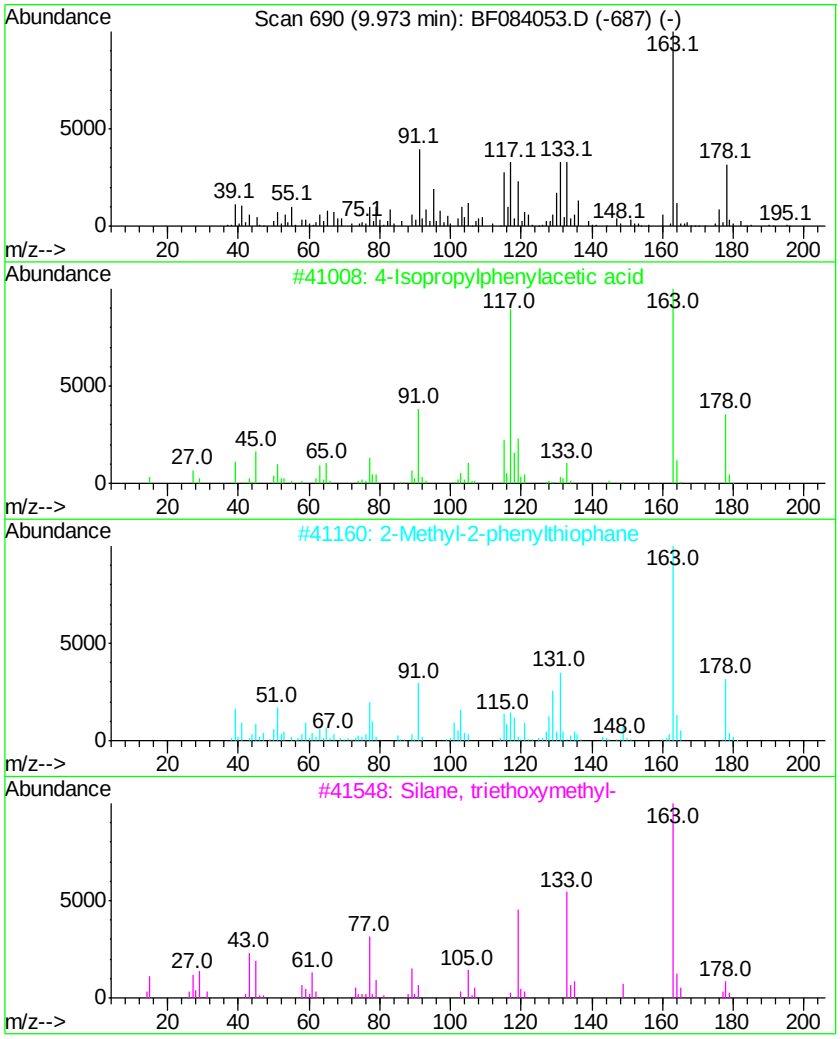
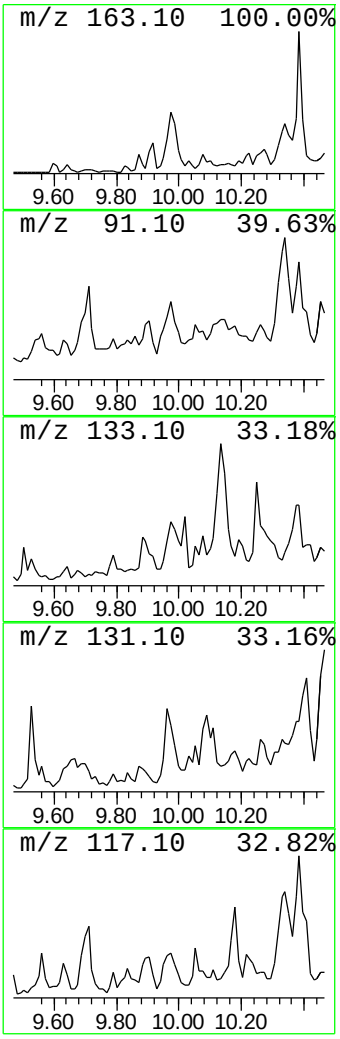
Peak Number 13 4-Isopropylphenylacetic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	31.72 ng	1181440	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	83
2	2-Methyl-2-phenylthiophane	178	C11H14S	014856-67-8	49
3	Silane, triethoxymethyl-	178	C7H18O3Si	002031-67-6	47
4	1H-Indazole, 5-nitro-	163	C7H5N3O2	005401-94-5	47
5	Propofol	178	C12H18O	002078-54-8	47





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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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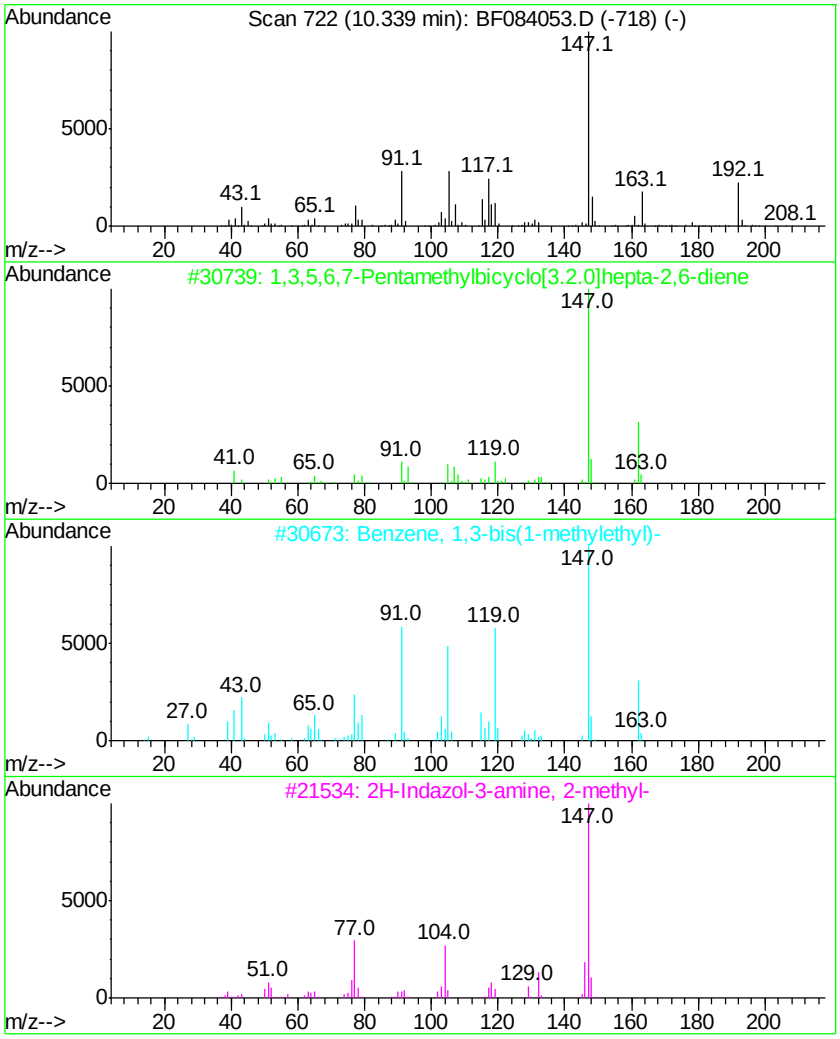
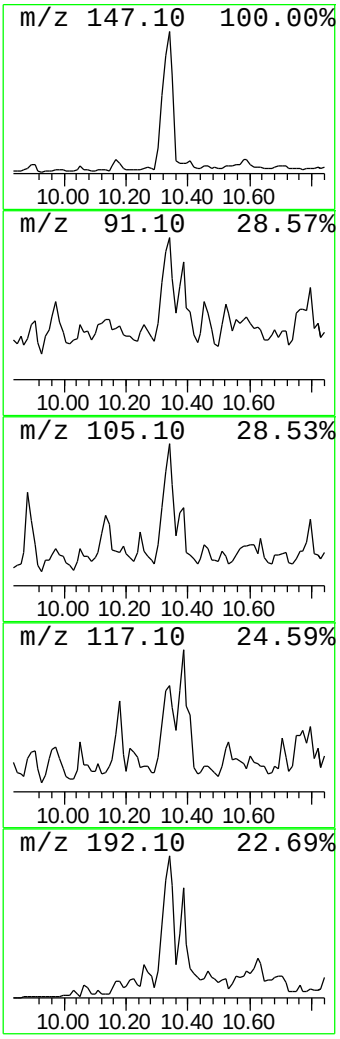
Peak Number 14 1,3,5,6,7-Pentamethylbicycl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	74.42 ng	2771580	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,6,7-Pentamethylbicyclo[3.2...	162	C12H18	003099-00-1	50
2	Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	47
3	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	43
4	Pyrido[3,4-d]pyrimidin-4(3H)-one	147	C7H5N3O	019178-25-7	43
5	Dewar benzene, hexamethyl-	162	C12H18	007641-77-2	42





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Sample : G4907-04
Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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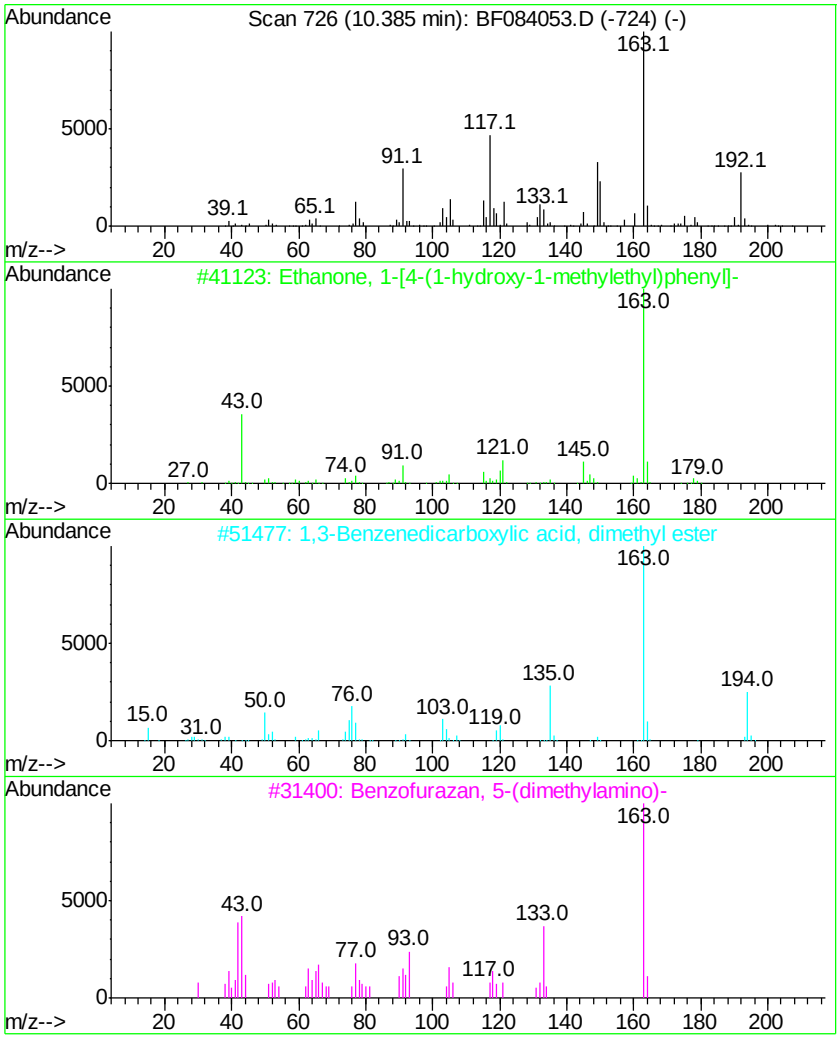
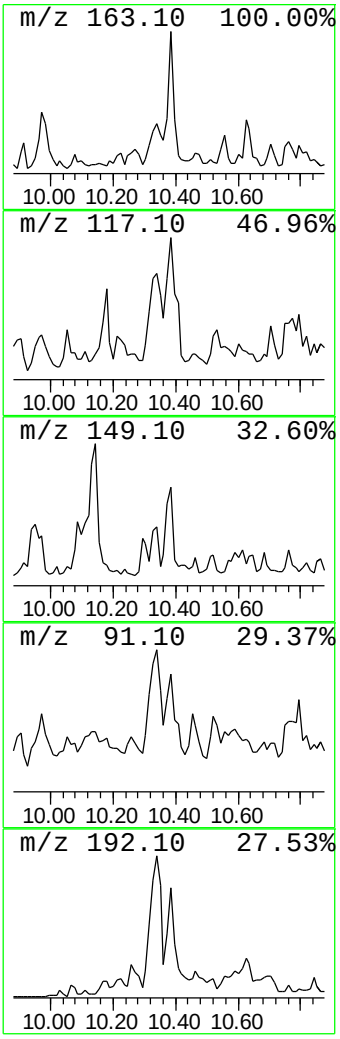
Peak Number 15 unknown10.38 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	57.27 ng	2132880	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-hydroxy-1-meth...	178	C11H14O2	054549-72-3	38
2	1,3-Benzenedicarboxylic acid, di...	194	C10H10O4	001459-93-4	35
3	Benzofurazan, 5-(dimethylamino)-	163	C8H9N3O	006124-22-7	35
4	4H-1,3,2-Dioxaborin, 4,6-diethen...	178	C10H15BO2	074630-03-8	35
5	1,4-Benzenedicarboxylic acid, di...	194	C10H10O4	000120-61-6	27





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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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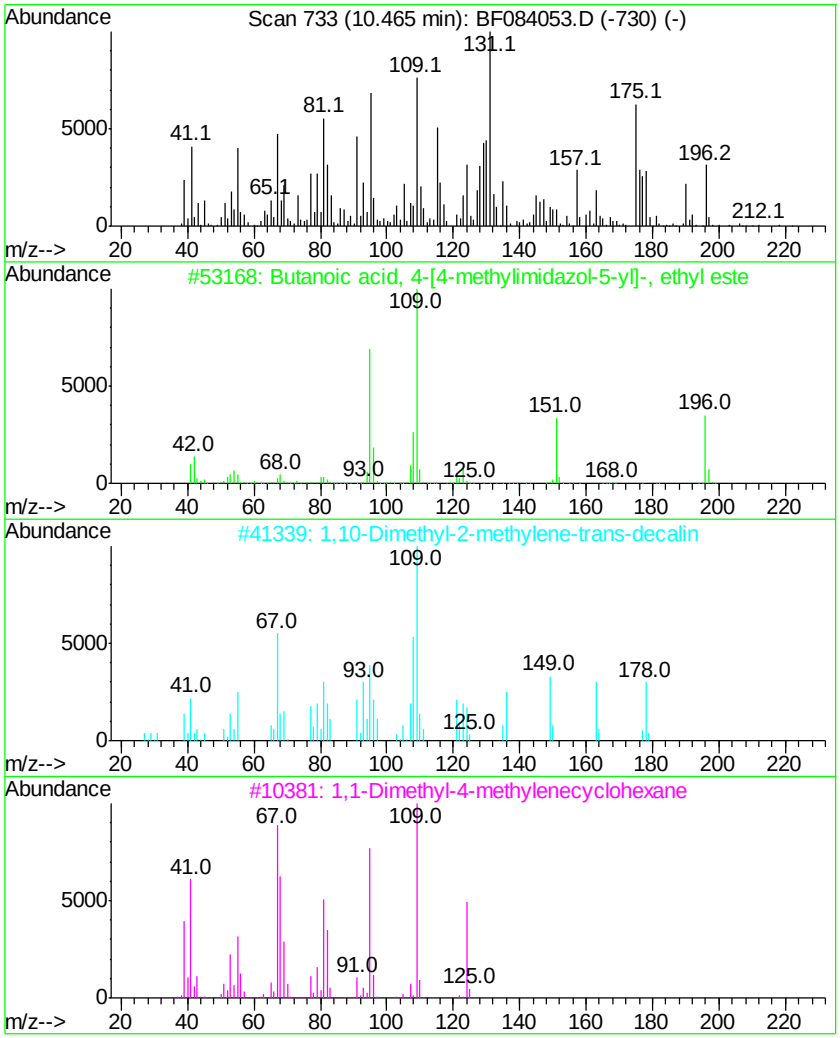
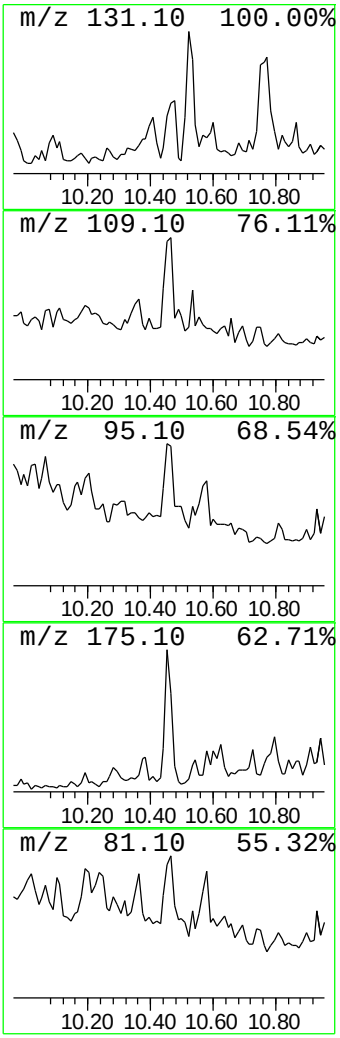
Peak Number 16 unknown10.46 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	45.75 ng	1703930	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 4-[4-methylimidaz...	196	C10H16N2O2	1000116-74-5	25
2	1,10-Dimethyl-2-methylene-trans-...	178	C13H22	1000103-97-8	18
3	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	18
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	15
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	15





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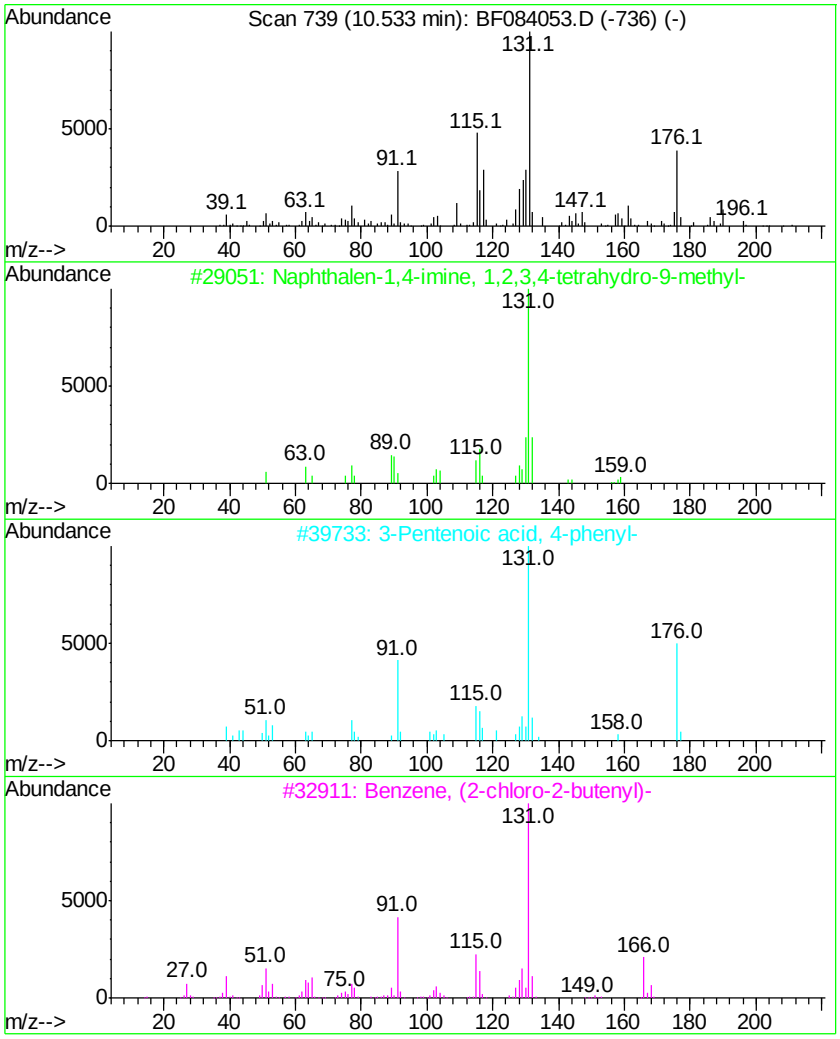
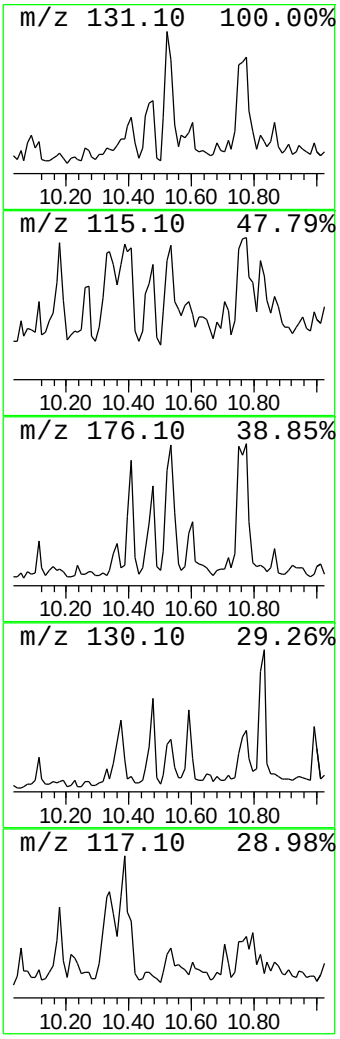
Peak Number 17 unknown10.53 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	23.37 ng	870451	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalen-1,4-imine, 1,2,3,4-te...	159	C11H13N	055257-99-3	38
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	38
3	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	32
4	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	32
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	27





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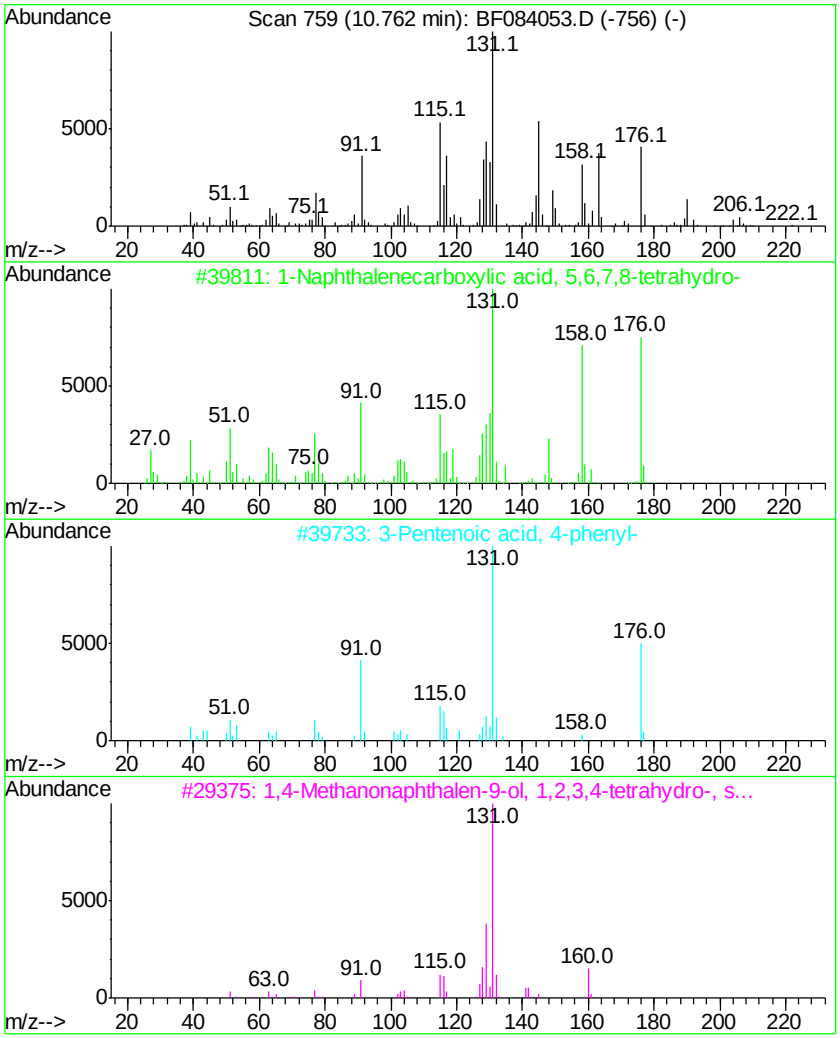
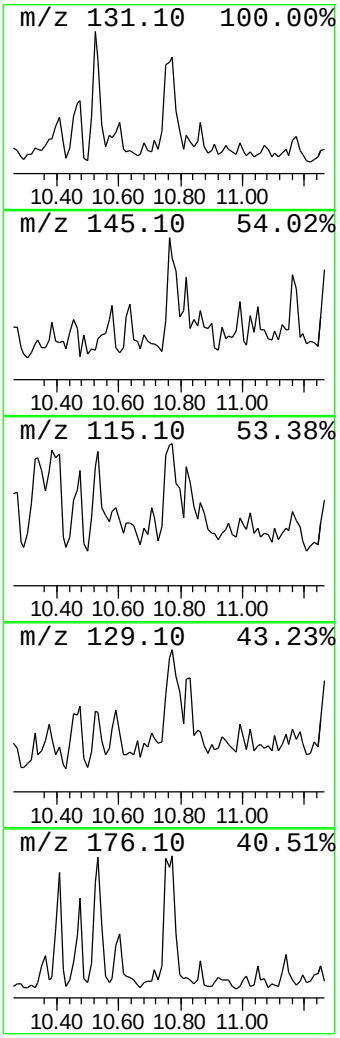
Peak Number 18 1-Naphthalenecarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	53.51 ng	1756760	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	64
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	38
3	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	001198-20-5	38
4	1-Naphthalenemethanol, 1,2,3,4-t...	176	C12H16O	036052-28-5	35
5	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084053.D
Acq On : 24 Dec 2015 00:30
Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

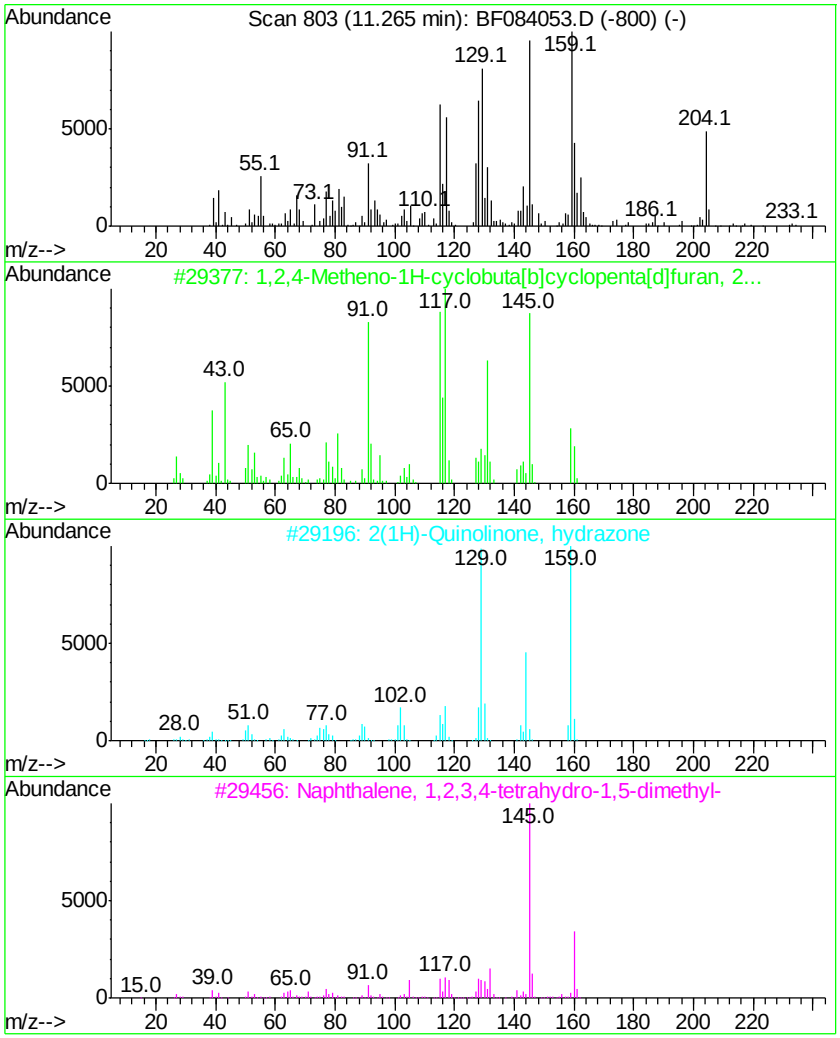
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

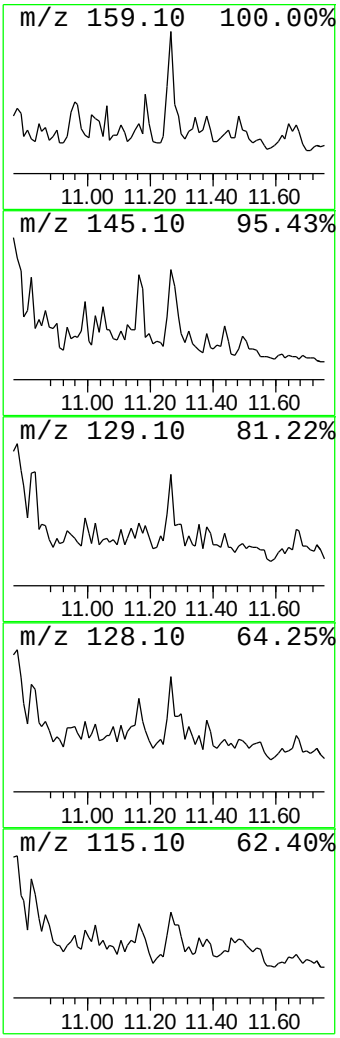
****

Peak Number 19 unknown11.26 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	25.91 ng	850531	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Metheno-1H-cyclobuta[b]cyc...	160	C11H12O	078323-74-7	46
2	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	35
4	1-Phenyl-1-penten-5-ol	162	C11H14O	037464-86-1	30
5	3-Penten-2-one, 4-phenyl-	160	C11H12O	000827-69-0	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084053.D
Acq On : 24 Dec 2015 00:30
Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

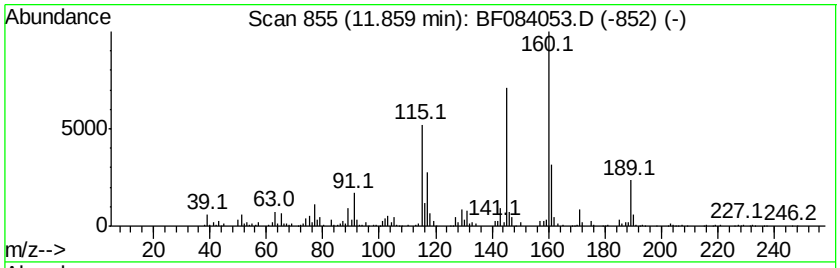
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

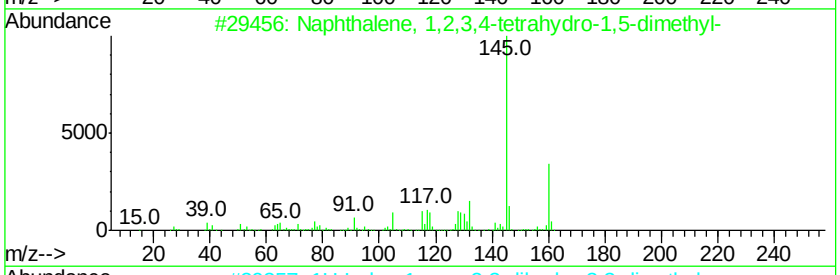
****

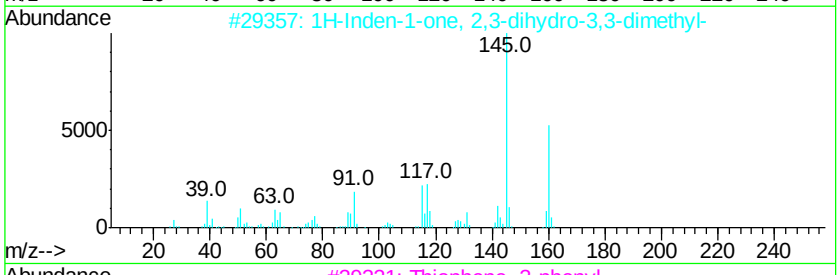
Peak Number 20 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

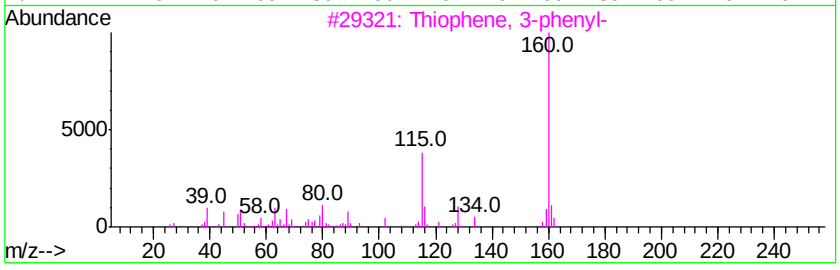
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	25.75 ng	845206	Phenanthrene-d10	11.36

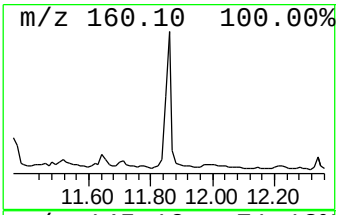
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	53
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	47
3	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	46
4	Thiophene, 2-phenyl-	160	C10H8S	000825-55-8	43
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	43

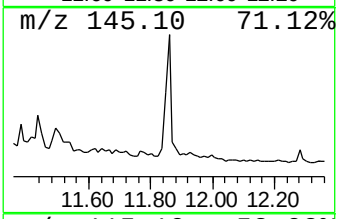


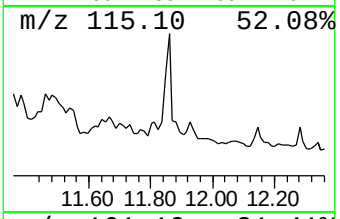


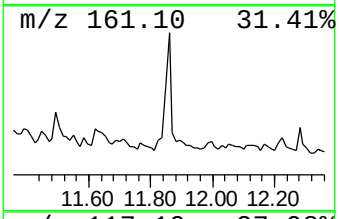


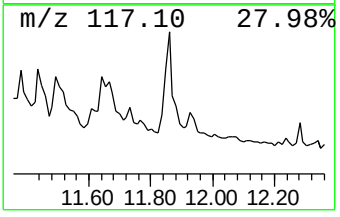












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084053.D
Acq On : 24 Dec 2015 00:30
Operator : UM/SJ
Sample : G4907-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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
unknown6.60	6.60	37.8	ng	1038630	1	6.82	550249	20.0
unknown7.93	7.93	21.6	ng	870152	2	8.11	806419	20.0
unknown8.42	8.42	27.2	ng	1097240	2	8.11	806419	20.0
Naphthalene, deca...	8.50	35.5	ng	1430590	2	8.11	806419	20.0
Cyclohexane, 1,4-...	8.56	22.3	ng	900398	2	8.11	806419	20.0
1-Methylindan-2-one	8.93	23.3	ng	939062	2	8.11	806419	20.0
1H-Inden-1-one, 2...	9.07	25.6	ng	954227	3	9.87	744808	20.0
unknown9.28	9.28	39.8	ng	1482900	3	9.87	744808	20.0
1(2H)-Naphthaleno...	9.54	55.0	ng	2047070	3	9.87	744808	20.0
unknown9.64	9.64	42.3	ng	1576550	3	9.87	744808	20.0
Benzoic acid, 2,4...	9.71	42.2	ng	1570200	3	9.87	744808	20.0
4-Isopropylphenyl...	9.97	31.7	ng	1181440	3	9.87	744808	20.0
1,3,5,6,7-Pentame...	10.34	74.4	ng	2771580	3	9.87	744808	20.0
unknown10.38	10.38	57.3	ng	2132880	3	9.87	744808	20.0
unknown10.46	10.46	45.8	ng	1703930	3	9.87	744808	20.0
unknown10.53	10.53	23.4	ng	870451	3	9.87	744808	20.0
1-Naphthalenecarb...	10.76	53.5	ng	1756760	4	11.36	656596	20.0
unknown11.26	11.26	25.9	ng	850531	4	11.36	656596	20.0
Naphthalene, 1,2,...	11.86	25.8	ng	845206	4	11.36	656596	20.0