LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092569.D
Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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-BF012417.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	3.024	73	82	86	rVB	105817	285803	5.73%	0.268%
2	3.207	94	98	100	rBV	76180	150464	3.02%	0.141%
3	3.253	100	102	107	rVB	95374	187472	3.76%	0.176%
4	3.664	133	138	141	rVB2	28446	75437	1.51%	0.071%
5	3.870	153	156	160	rBV	40063	69552	1.39%	0.065%
6	4.041	167	171	174	rVB	81915	120016	2.41%	0.113%
7	4.247	186	189	191	rVB	105655	137729	2.76%	0.129%
8	4.453	204	207	209	rBV	167534	263201	5.27%	0.247%
9	4.579	216	218	220	rBV	74275	98072	1.97%	0.092%
10	4.681	225	227	232	rVB2	49918	87502	1.75%	0.082%
11	4.807	232	238	244	rBV5	23260	76292	1.53%	0.072%
12	4.956	246	251	254	rBV2	87845	177219	3.55%	0.166%
13	5.070	257	261	262	rBV2	71807	137783	2.76%	0.129%
14	5.161	267	269	272	rVV	718783	898611	18.01%	0.844%
15	5.219	272	274	278	rVV4	136530	351151	7.04%	0.330%
16	5.287	278	280	285	rVB2	75351	91289	1.83%	0.086%
17	5.436	291	293	295	rBV2	68051	99171	1.99%	0.093%
18	5.550	300	303	304	rBV2	53994	104647	2.10%	0.098%
19	5.584	304	306	309	rVB	2618286	2400098	48.10%	2.253%
20	5.699	312	316	320	rBV6	53930	162127	3.25%	0.152%
21	5.802	323	325	327	rBV2	55277	104732	2.10%	0.098%
22	5.882	330	332	334	rVB	80474	93470	1.87%	0.088%
23	5.984	338	341	342	rBV3	58210	116394	2.33%	0.109%
24	6.122	348	353	355	rBV2	76331	161659	3.24%	0.152%
25	6.190	355	359	364	rBV	226048	393623	7.89%	0.370%
26	6.270	364	366	368	rBV	154841	138378	2.77%	0.130%
27	6.396	374	377	382	rVB5	118009	285585	5.72%	0.268%
28	6.487	382	385	388	rBV4	76218	193362	3.87%	0.182%
29	6.579	391	393	394	rBV2	78229	144783	2.90%	0.136%
30	6.613	394	396	402	rVB	1297754	1975236	39.58%	1.854%
31	6.750	405	408	409	rBV	3767965	4384555	87.86%	4.116%
32	6.784	409	411	412	rBV2	355555	399913	8.01%	0.375%
33	6.842	415	416	417	rVB	247554	169698	3.40%	0.159%
34	6.899	419	421	425	rVB4	207661	362031	7.25%	0.340%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092569.D
Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.967	425	427	430	rBV	1008719	1189923	23.85%	1.117%
36	7.013	430	431	432	rBV	118818	101992	2.04%	0.096%
37	7.036	432	433	435	rVB	447385	590731	11.84%	0.555%
38	7.127	438	441	446	rBV2	3306759	4990105	100.00%	4.684%
39	7.219	446	449	454	rVB2	791379	955342	19.14%	0.897%
40	7.310	454	457	461	rBV2	521099	757253	15.18%	0.711%
41	7.367	461	462	464	rBV2	159624	260839	5.23%	0.245%
42	7.413	464	466	470	rVB2	266419	512507	10.27%	0.481%
43	7.516	470	475	476	rBV	1704143	2989937	59.92%	2.807%
44	7.550	476	478	480	rVB2	3241768	3974982	79.66%	3.731%
45	7.596	481	482	483	rBV	130532	99647	2.00%	0.094%
46	7.619	483	484	486	rVB2	544127	474370	9.51%	0.445%
47	7.665	486	488	490	rBV	428901	405577	8.13%	0.381%
48	7.745	492	495	498	rBV2	903976	1176164	23.57%	1.104%
49	7.790	498	499	501	rVB2	186450	221180	4.43%	0.208%
50	7.836	501	503	504	rBV2	313361	385688	7.73%	0.362%
51	7.870	504	506	508	rVB2	231798	298207	5.98%	0.280%
52	7.927	508	511	515	rVB4	598060	1615397	32.37%	1.516%
53	8.007	515	518	519	rBV	2924161	3699565	74.14%	3.473%
54	8.076	521	524	527	rVB4	368598	816771	16.37%	0.767%
55	8.133	527	529	531	rBV	337908	385695	7.73%	0.362%
56	8.202	531	535	537	rBV4	658700	1512939	30.32%	1.420%
57	8.259	537	540	544	rBV3	1265759	2450954	49.12%	2.301%
58	8.316	544	545	550	rVB4	764465	1189010	23.83%	1.116%
59	8.419	550	554	557	rBV2	913710	1839522	36.86%	1.727%
60	8.465	557	558	559	rVB	329595	225937	4.53%	0.212%
61	8.522	559	563	564	rBV2	1042966	2116017	42.40%	1.986%
62	8.590	567	569	572	rVB3	248242	403337	8.08%	0.379%
63	8.648	572	574	577	rBV4	497078	1090988	21.86%	1.024%
64	8.739	577	582	584	rBV5	642422	1897058	38.02%	1.781%
65	8.773	584	585	586	rVB	686089	470314	9.42%	0.441%
66	8.808	586	588	591	rVB2	520909	923118	18.50%	0.867%
67	8.865	591	593	595	rBV2	588148	838964	16.81%	0.788%
68	8.933	595	599	600	rVB2	789300	1276857	25.59%	1.199%
69	8.968	600	602	604	rBV2	572397	951601	19.07%	0.893%
70	9.013	604	606	608	rBV3	606732	875090	17.54%	0.821%
71	9.082	608	612	615	rBV4	1347639	3383395	67.80%	3.176%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092569.D
Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.173	618	620	621	rBV	491377	512734	10.28%	0.481%
73	9.219	622	624	626	rVB2	559354	609877	12.22%	0.573%
74	9.322	628	633	634	rBV5	1006641	2513301	50.37%	2.359%
75	9.356	634	636	637	rVB	4595258	4535610	90.89%	4.258%
76	9.390	637	639	640	rBV	374715	435834	8.73%	0.409%
77	9.482	645	647	648	rBV2	301681	425509	8.53%	0.399%
78	9.528	649	651	652	rVB	523138	412448	8.27%	0.387%
79	9.608	656	658	661	rVB3	801022	1295746	25.97%	1.216%
80	9.688	661	665	667	rBV2	1266189	2513893	50.38%	2.360%
81	9.756	669	671	675	rVB3	336692	869015	17.41%	0.816%
82	10.042	692	696	697	rBV2	1359420	2390446	47.90%	2.244%
83	10.133	700	704	707	rBV3	1436377	2795427	56.02%	2.624%
84	10.362	722	724	726	rBV3	583179	1217505	24.40%	1.143%
85	10.431	726	730	732	rVV	1982229	3900823	78.17%	3.662%
86	10.533	736	739	740	rBV3	656636	1127372	22.59%	1.058%
87	10.716	754	755	759	rVB3	650537	1140623	22.86%	1.071%
88	10.785	759	761	763	rBV2	338096	766363	15.36%	0.719%
89	10.842	763	766	770	rVV2	2020172	4090172	81.97%	3.840%
90	10.911	770	772	776	rVV2	1244195	2140801	42.90%	2.010%
91	11.002	778	780	782	rVB3	448147	533805	10.70%	0.501%
92	11.048	782	784	785	rBV	266089	263869	5.29%	0.248%
93	11.151	791	793	796	rVB	879972	1083152	21.71%	1.017%
94	11.196	796	797	801	rVB4	347601	528729	10.60%	0.496%
95	11.414	813	816	818	rVB3	638762	1296868	25.99%	1.217%
96	11.528	824	826	828	rVB	1172832	1187631	23.80%	1.115%
97	12.076	872	874	877	rBV3	223263	273631	5.48%	0.257%
98	13.117	962	965	968	rVB	2952653	3494246	70.02%	3.280%
99	14.168	1055	1057	1060	rVB	1026378	926096	18.56%	0.869%
100	15.654	1184	1187	1194	rVB	711580	1001415	20.07%	0.940%

Sum of corrected areas: 106526969

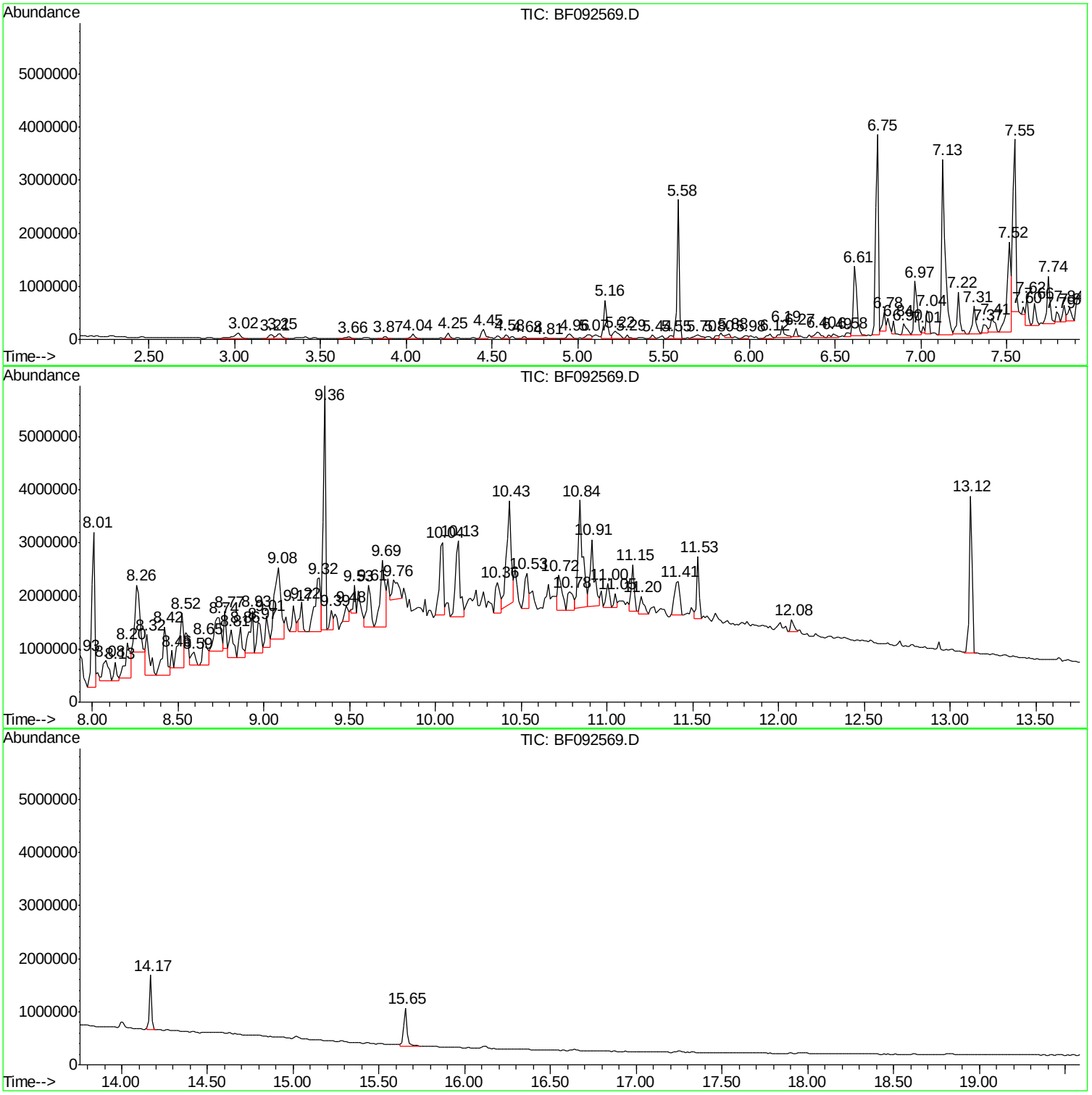
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092569.D
Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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\BF012617\
Data File : BF092569.D
Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

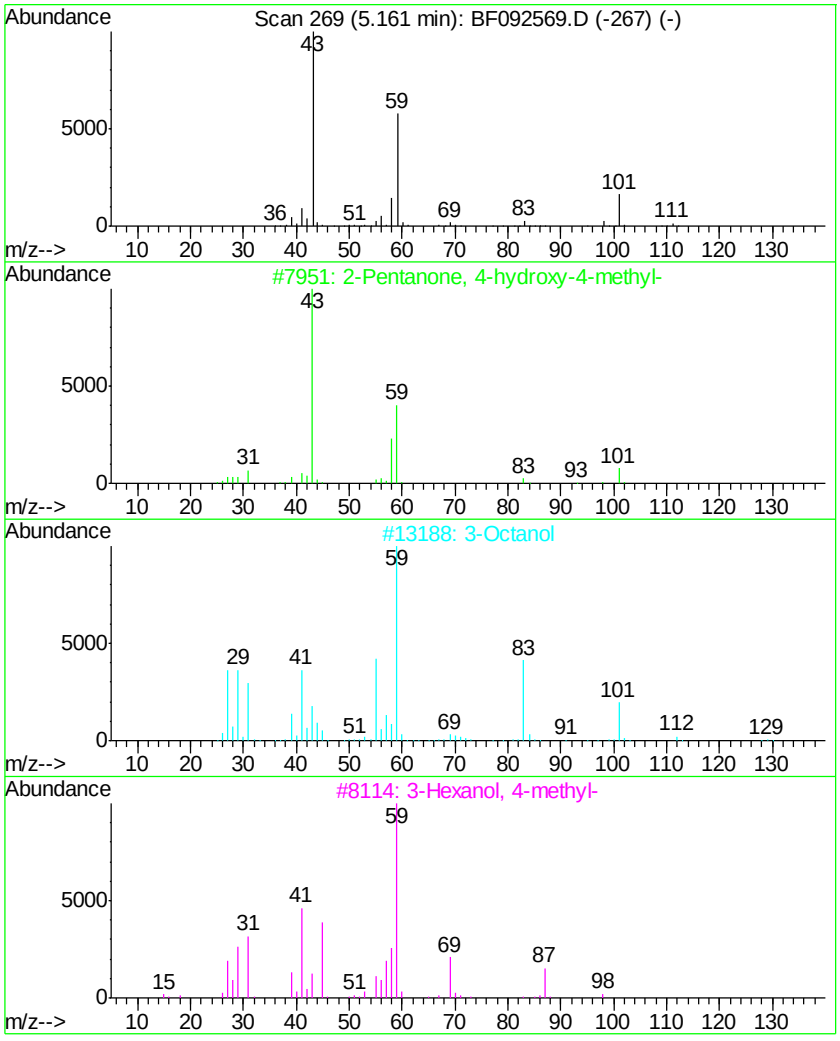
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

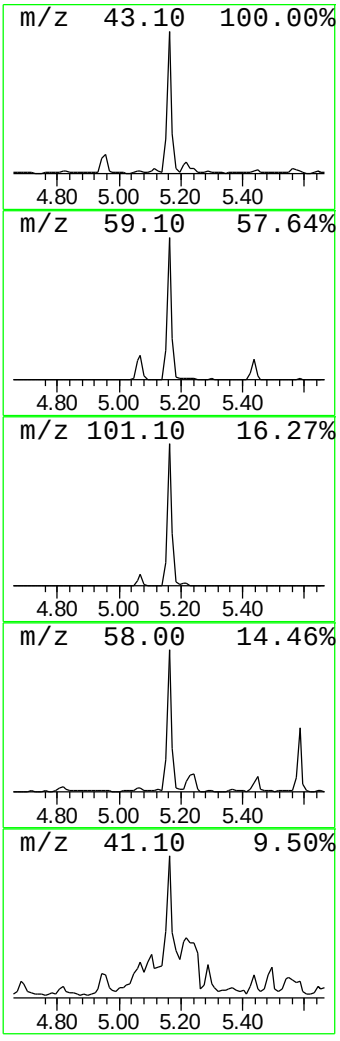
****

Peak Number 1 unknown5.16 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	15.10 ng	898611	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	3-Octanol	130	C8H18O	000589-98-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092569.D
Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

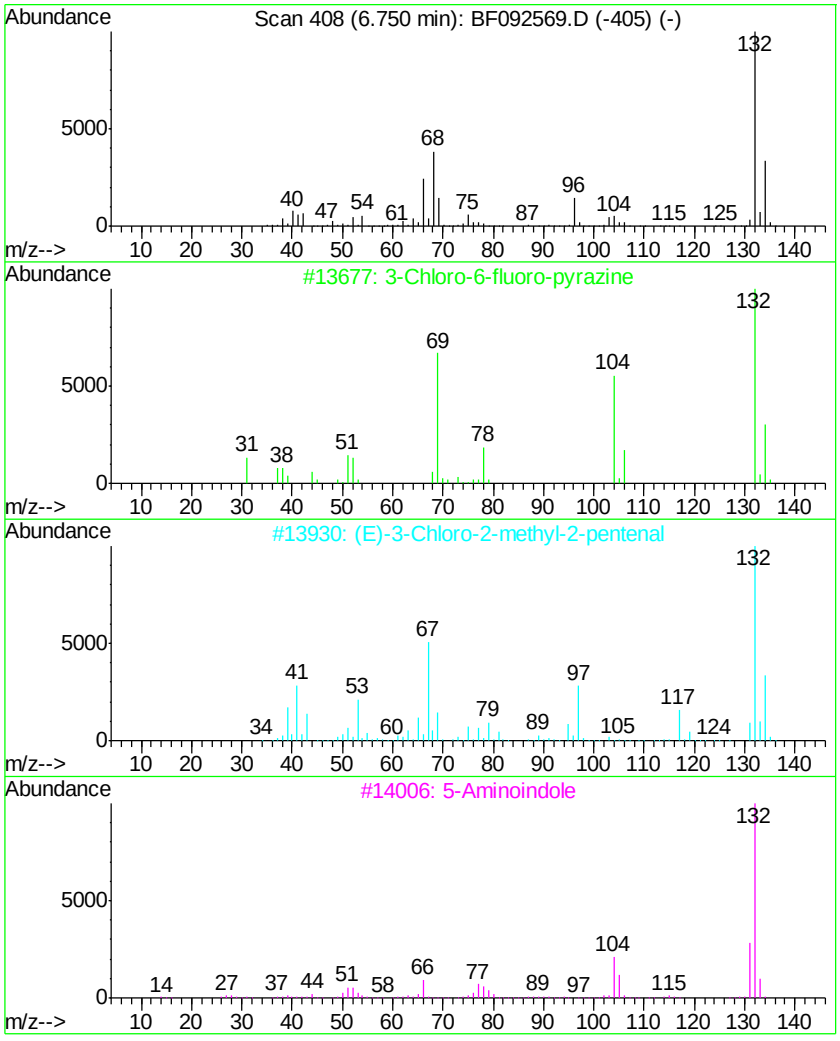
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

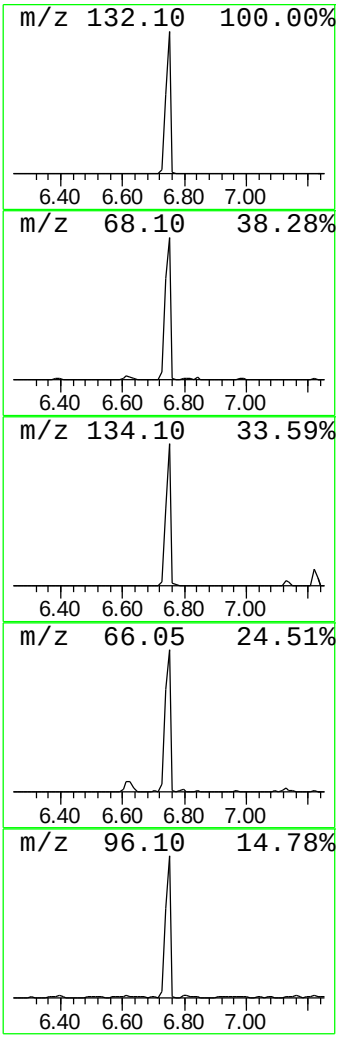
****

Peak Number 2 unknown6.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	73.69 ng	4384560	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092569.D
Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

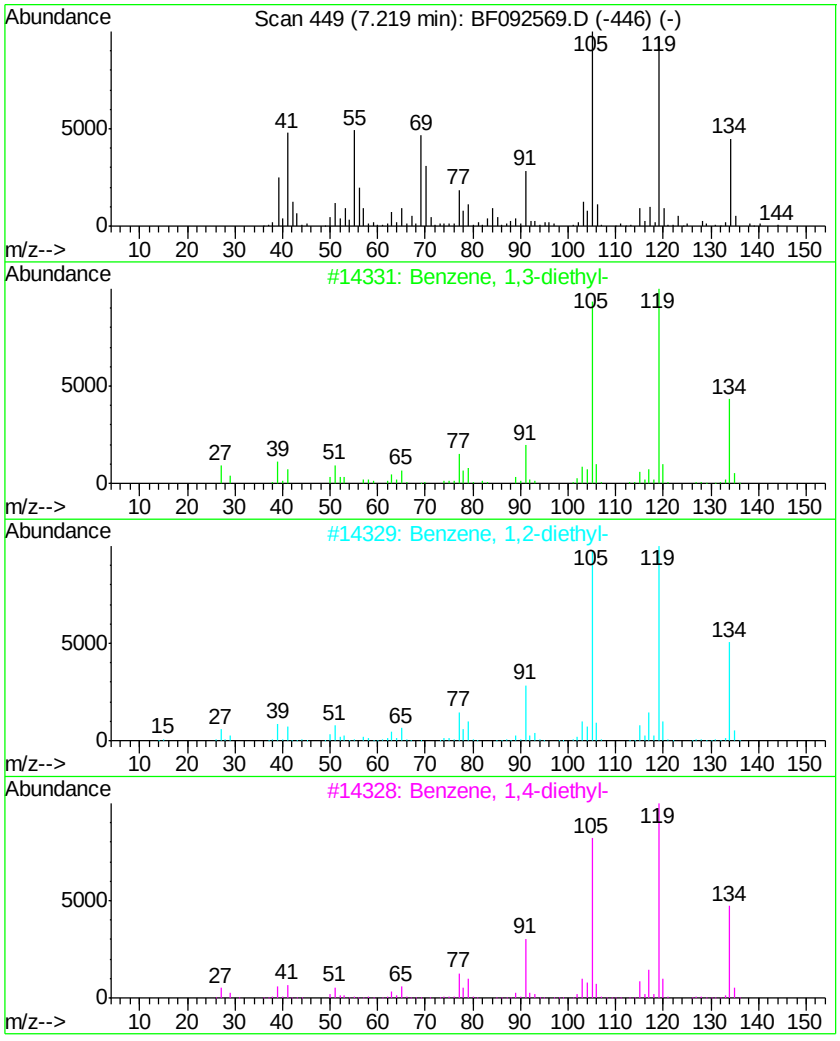
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

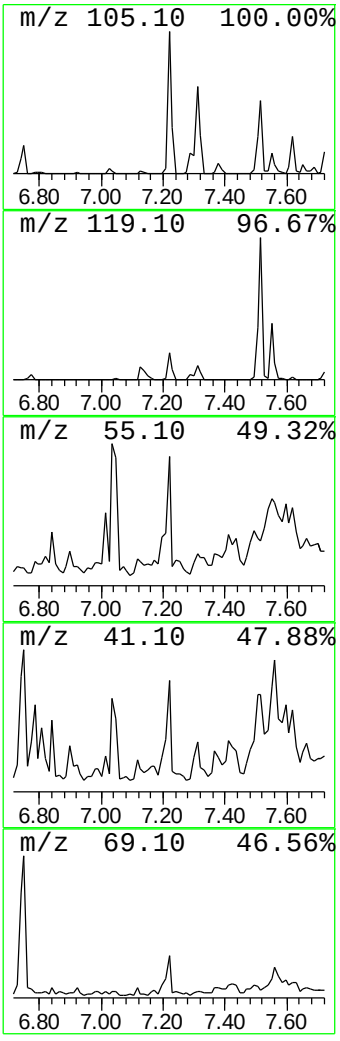
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	16.06 ng	955342	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092569.D
Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

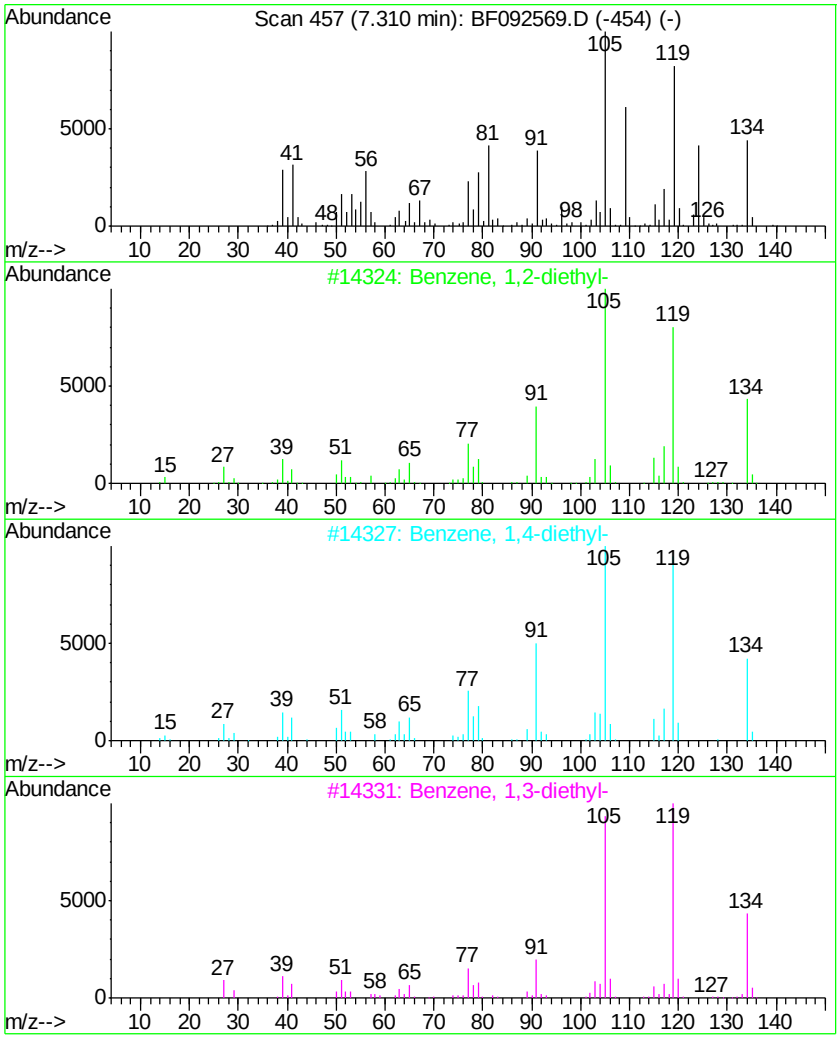
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

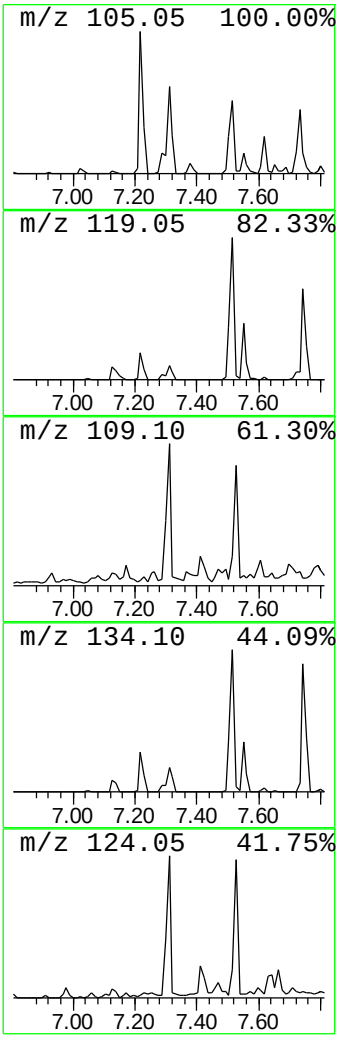
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	12.73 ng	757253	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	78
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092569.D
Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

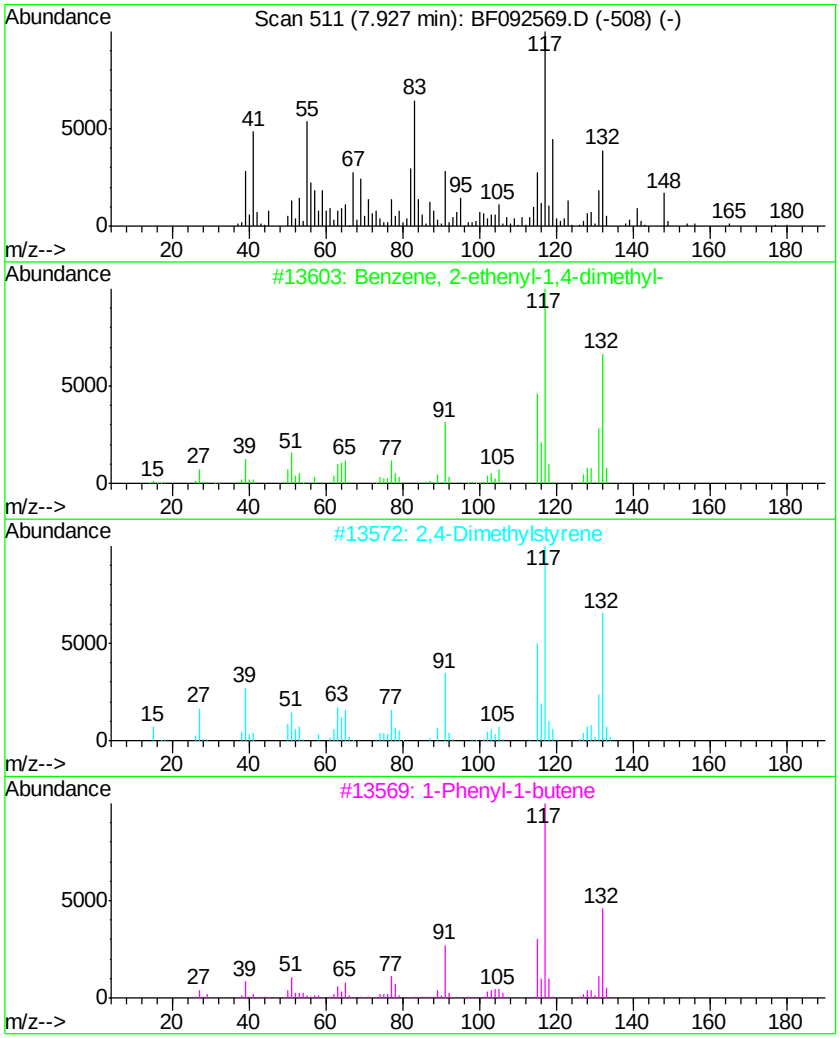
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

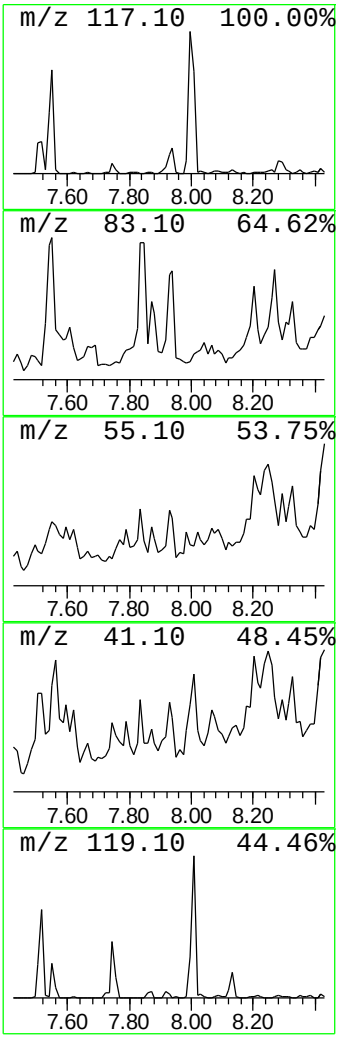
****

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	13.18 ng	1615400	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	92
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092569.D
Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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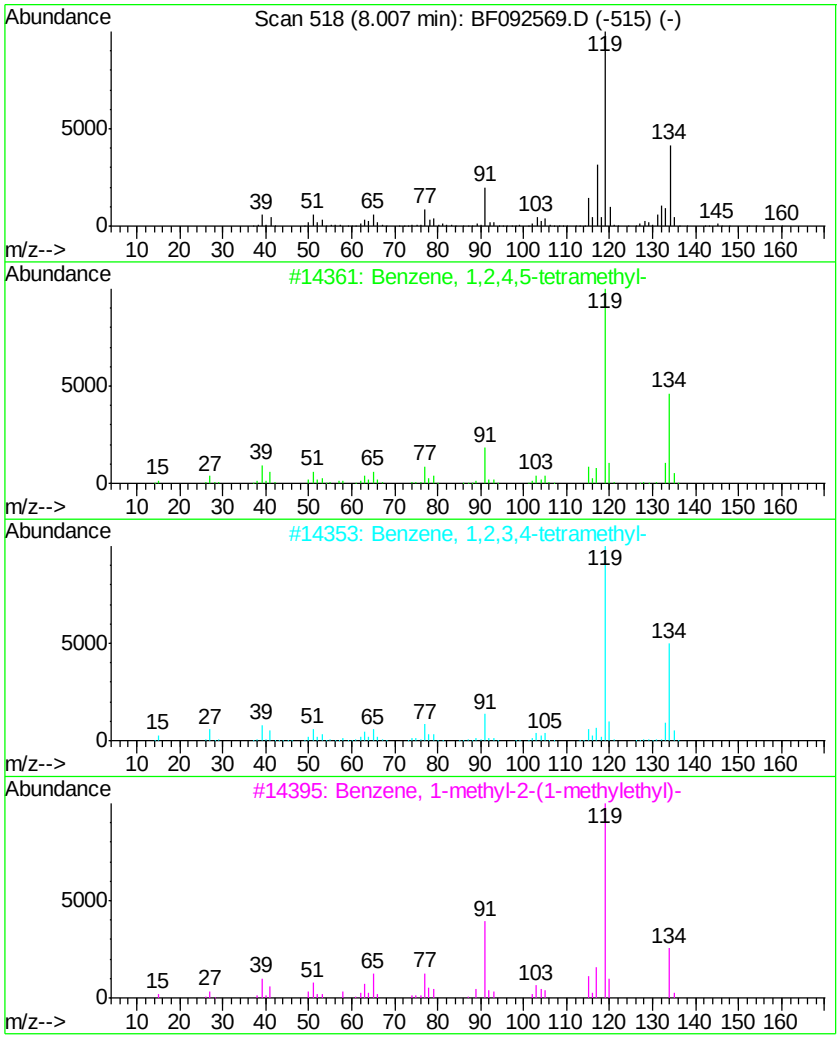
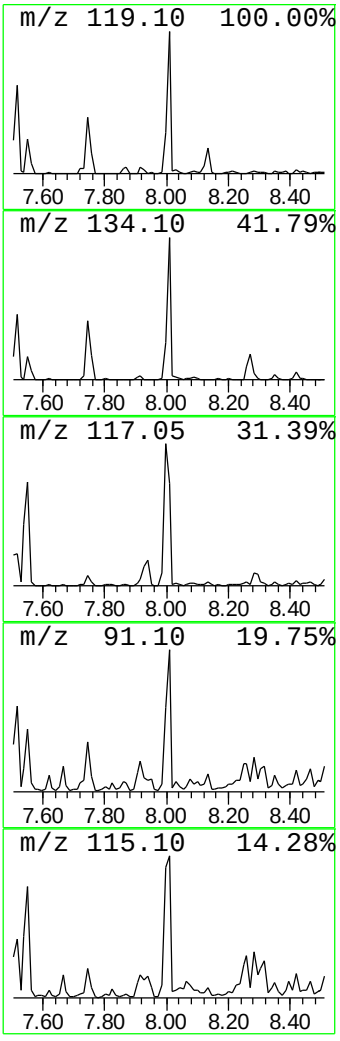
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	30.19 ng	3699570	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	81
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81





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Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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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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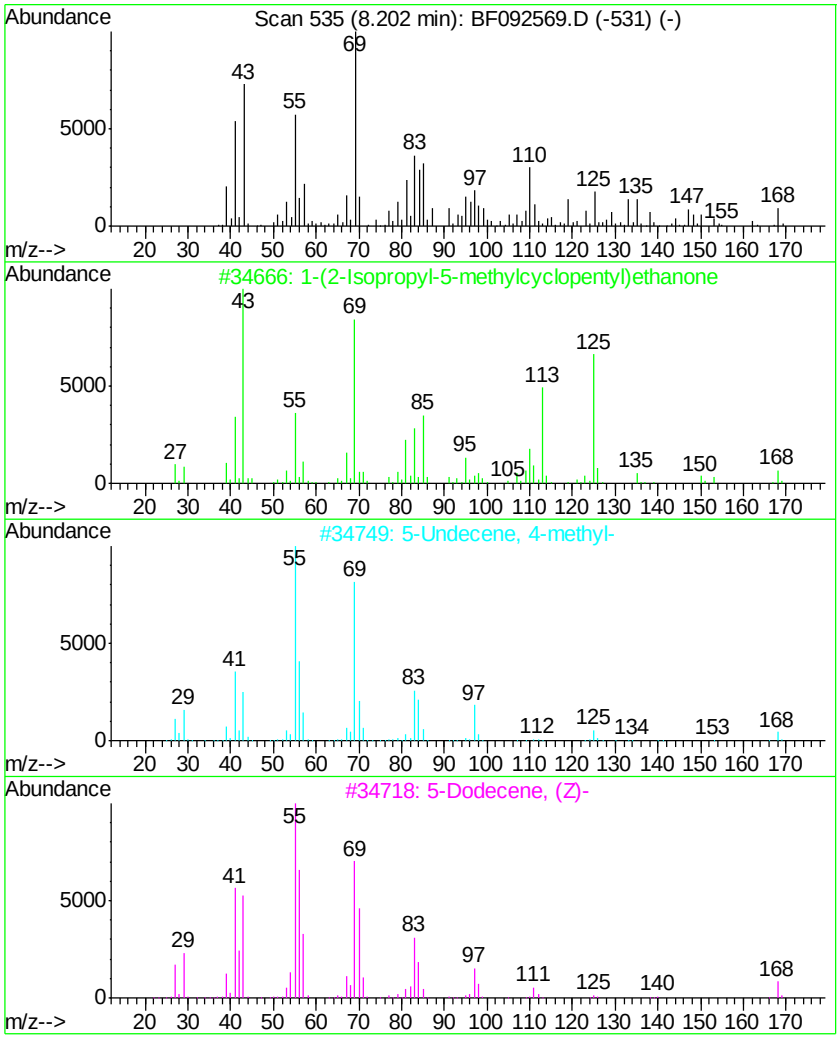
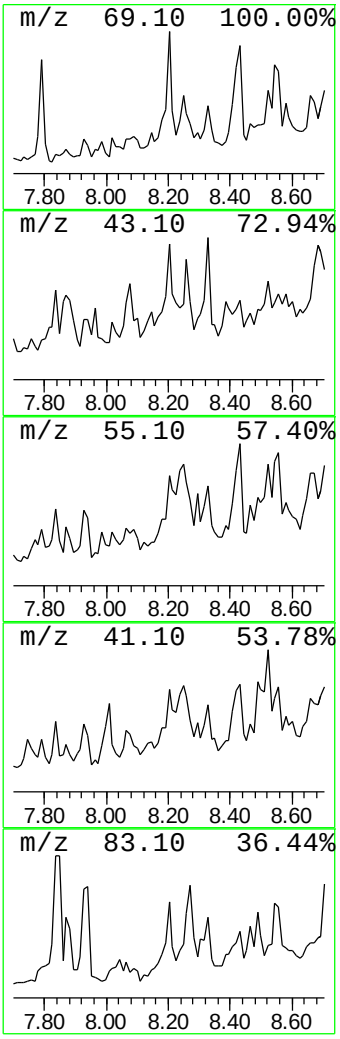
Peak Number 8 1-(2-Isopropyl-5-methylcycl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	12.35 ng	1512940	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Isopropyl-5-methylcyclopent...	168	C11H20O	1000191-21-0	64
2	5-Undecene, 4-methyl-	168	C12H24	143185-91-5	49
3	5-Dodecene, (Z)-	168	C12H24	007206-28-2	49
4	4-Dodecene	168	C12H24	002030-84-4	49
5	3,7-Nonadien-2-ol, 4,8-dimethyl-	168	C11H20O	067845-50-5	49





Library Search Compound Report

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Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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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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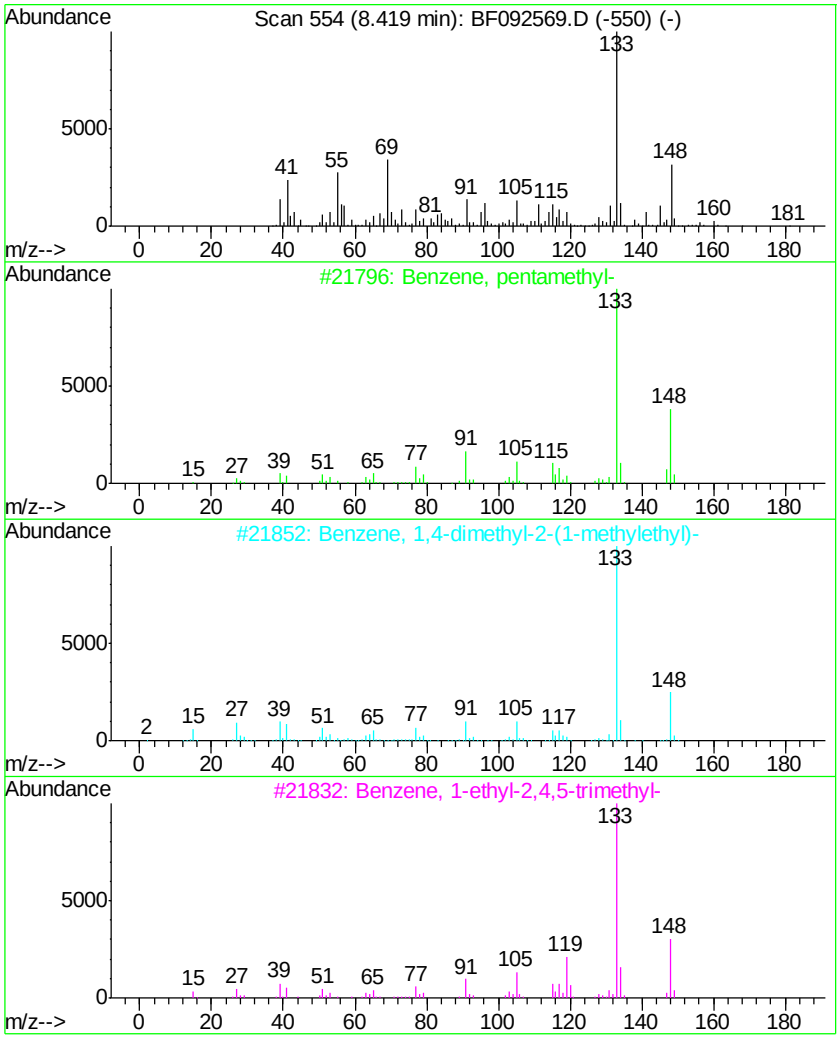
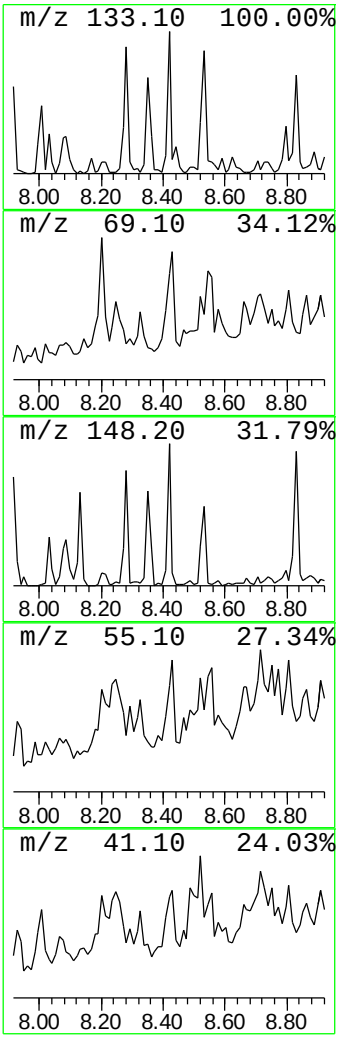
Peak Number 9 Benzene, pentamethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	15.01 ng	1839520	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	86
2	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	70
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	70
4	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	70
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	70





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Sample : I1353-05
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ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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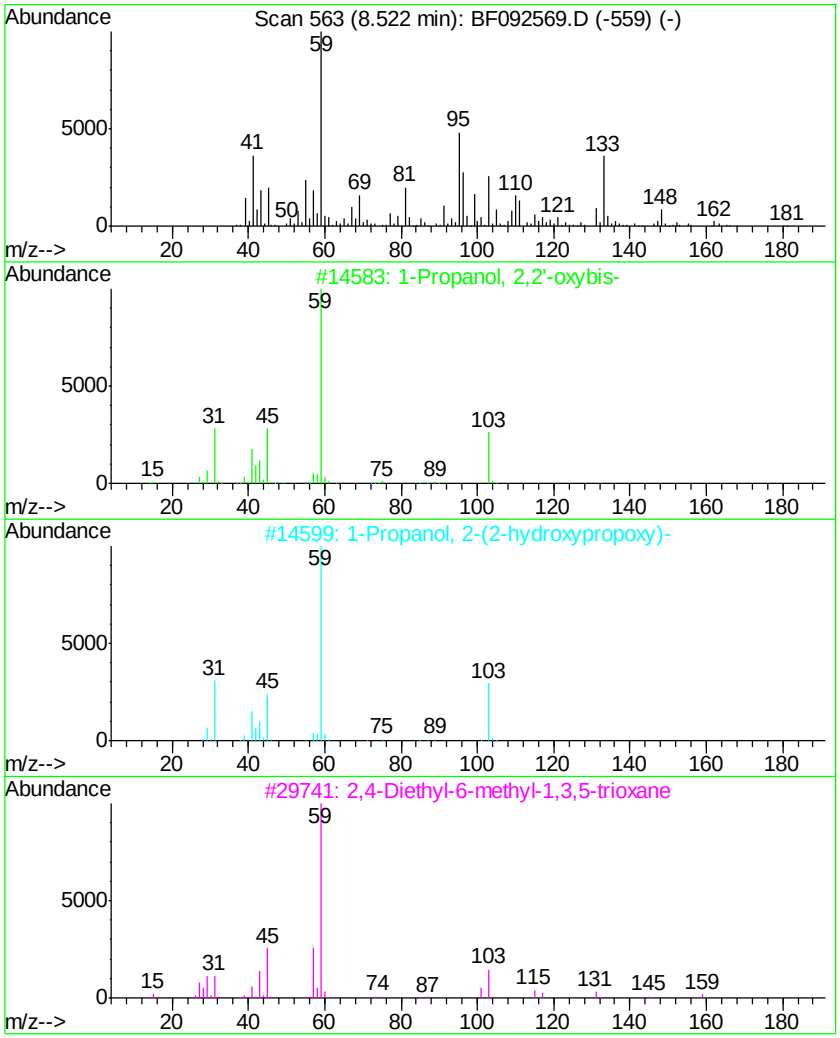
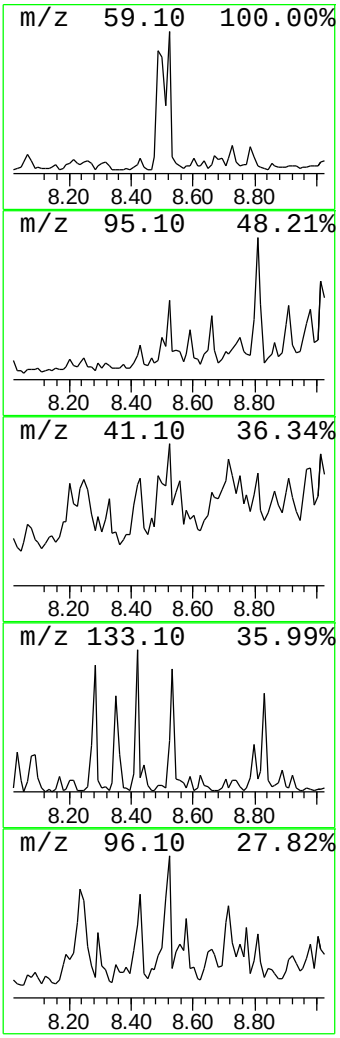
Peak Number 10 unknown8.52 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	17.27 ng	2116020	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	38
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	38
3	2,4-Diethyl-6-methyl-1,3,5-trioxane	160	C8H16O3	117888-04-7	35
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	35
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	32





Library Search Compound Report

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Sample : I1353-05
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ClientSampleId : MW-26

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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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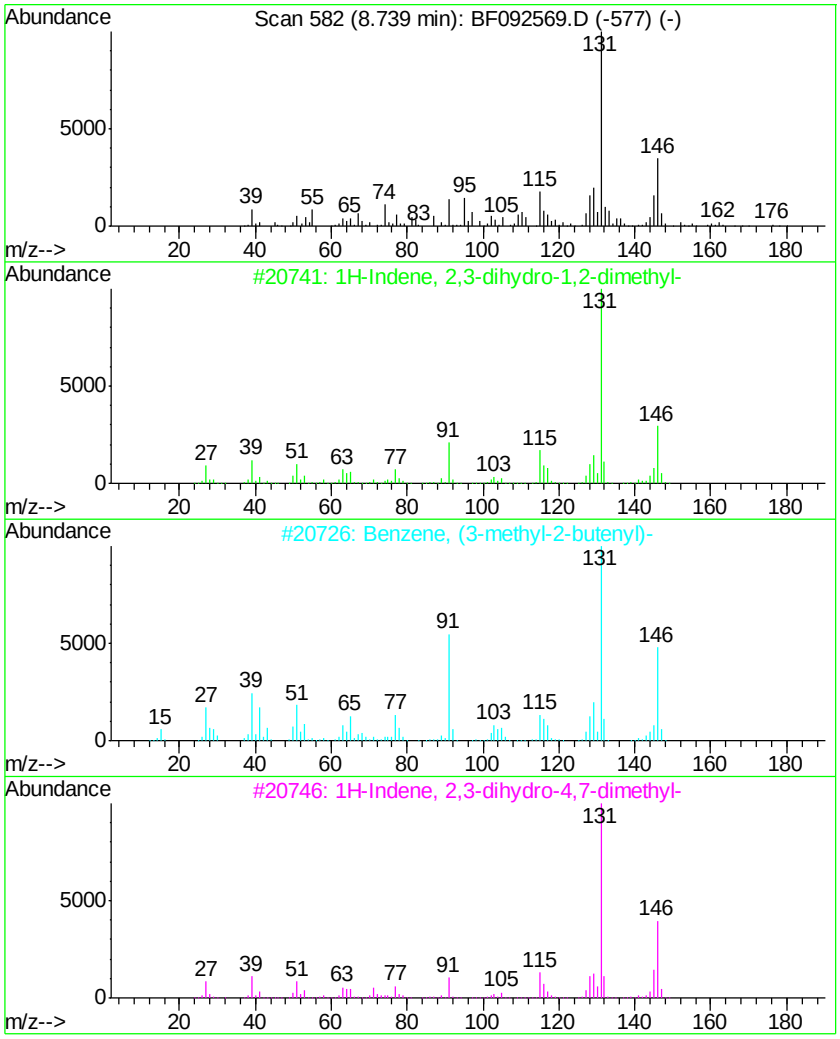
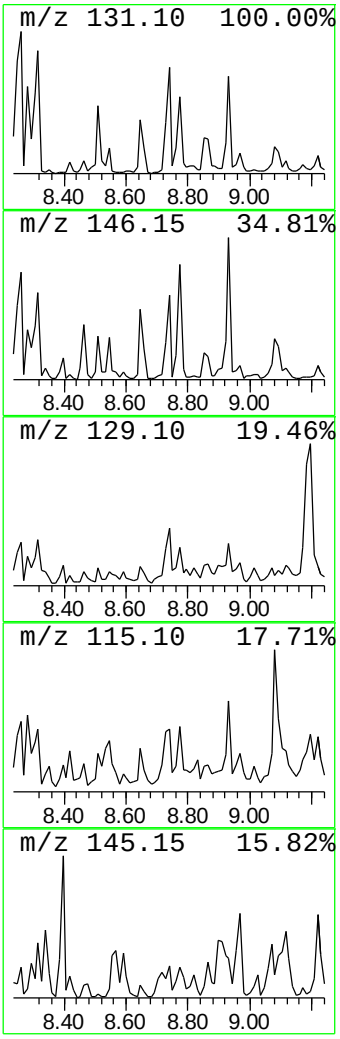
Peak Number 11 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	15.48 ng	1897060	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	87
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	87





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Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
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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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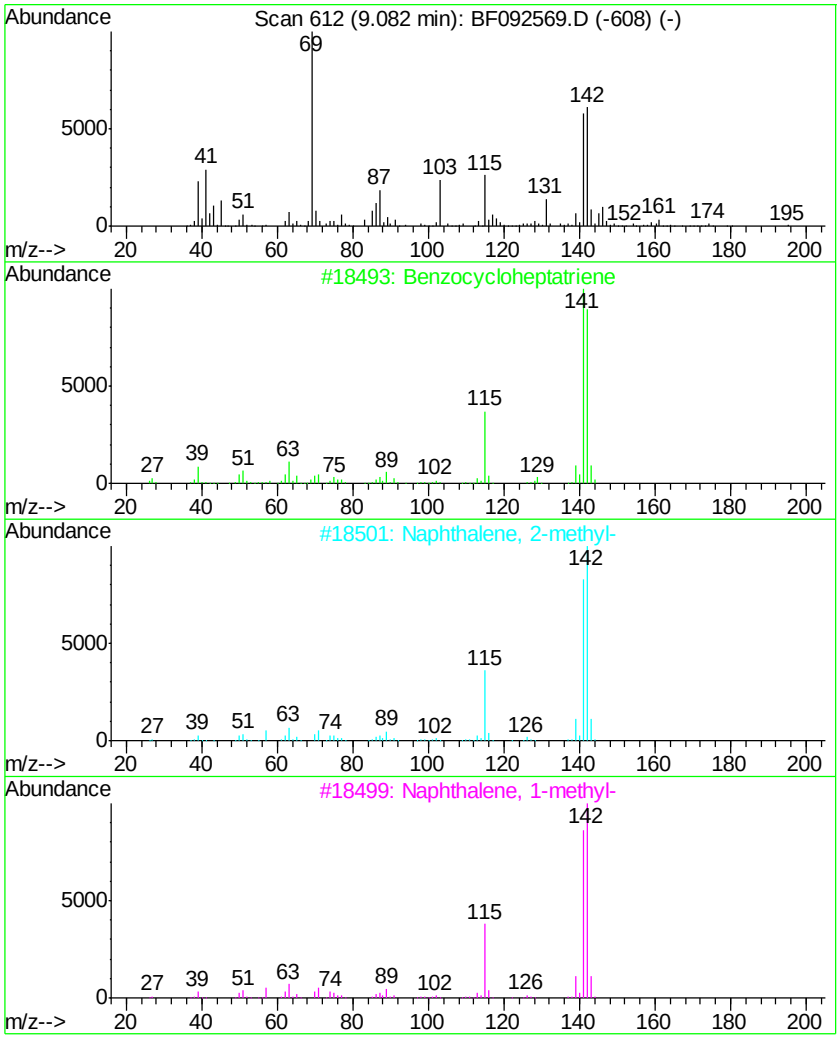
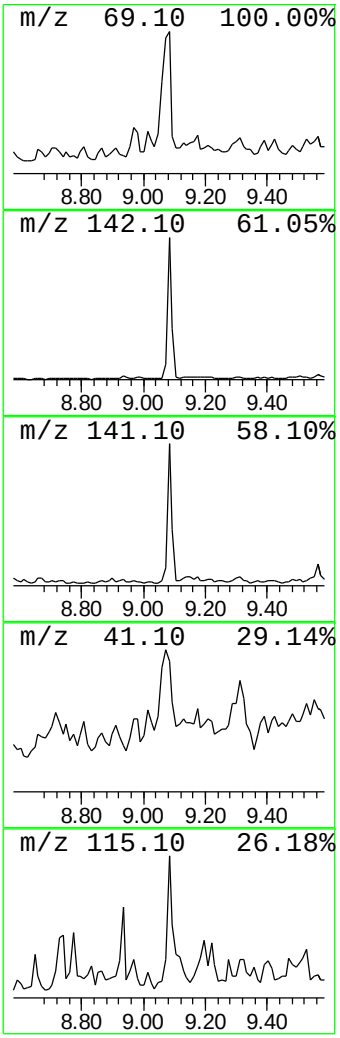
Peak Number 12 unknown9.08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	27.61 ng	3383400	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	42
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	42
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	42
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	38
5	Spiro(tricyclo[6.2.1.0(2,7)]unde...	186	C13H14O	1000210-02-3	16





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Sample : I1353-05
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Instrument : BNA_F
ClientSampleId : MW-26

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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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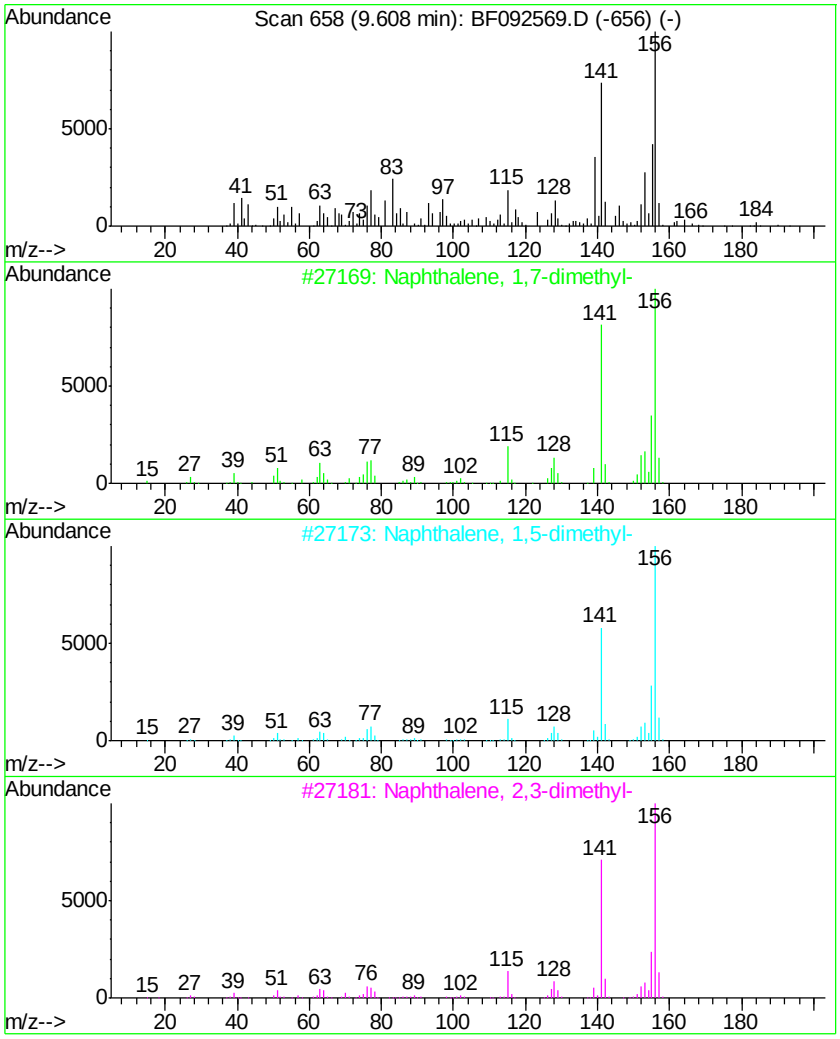
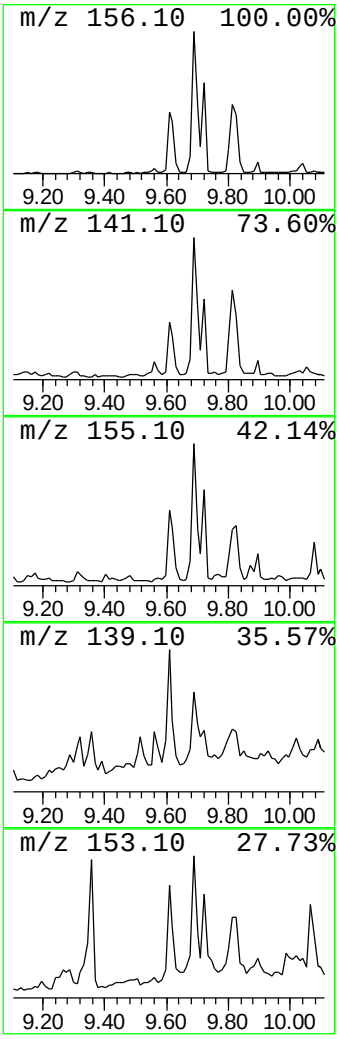
Peak Number 13 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	10.84 ng	1295750	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





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Sample : I1353-05
Misc :
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Instrument : BNA_F
ClientSampleId : MW-26

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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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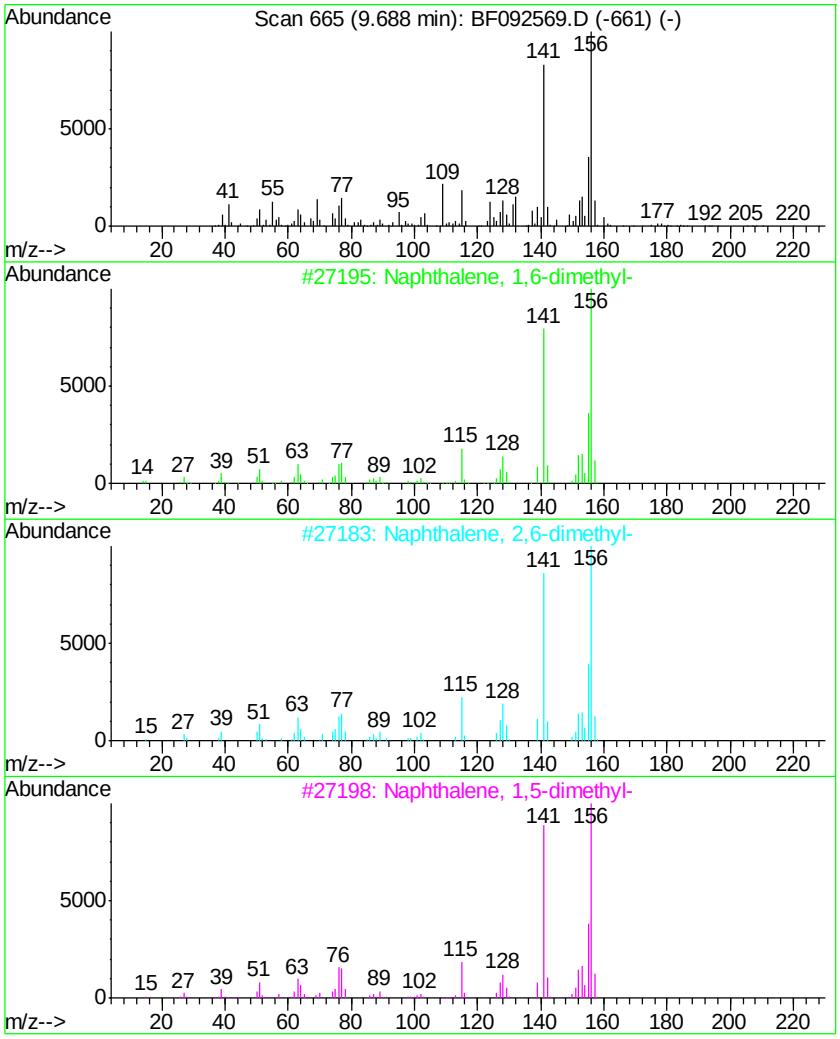
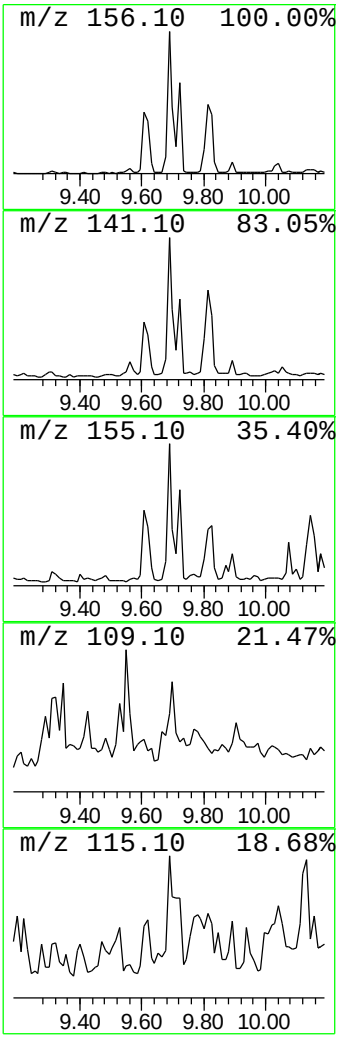
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	21.03 ng	2513890	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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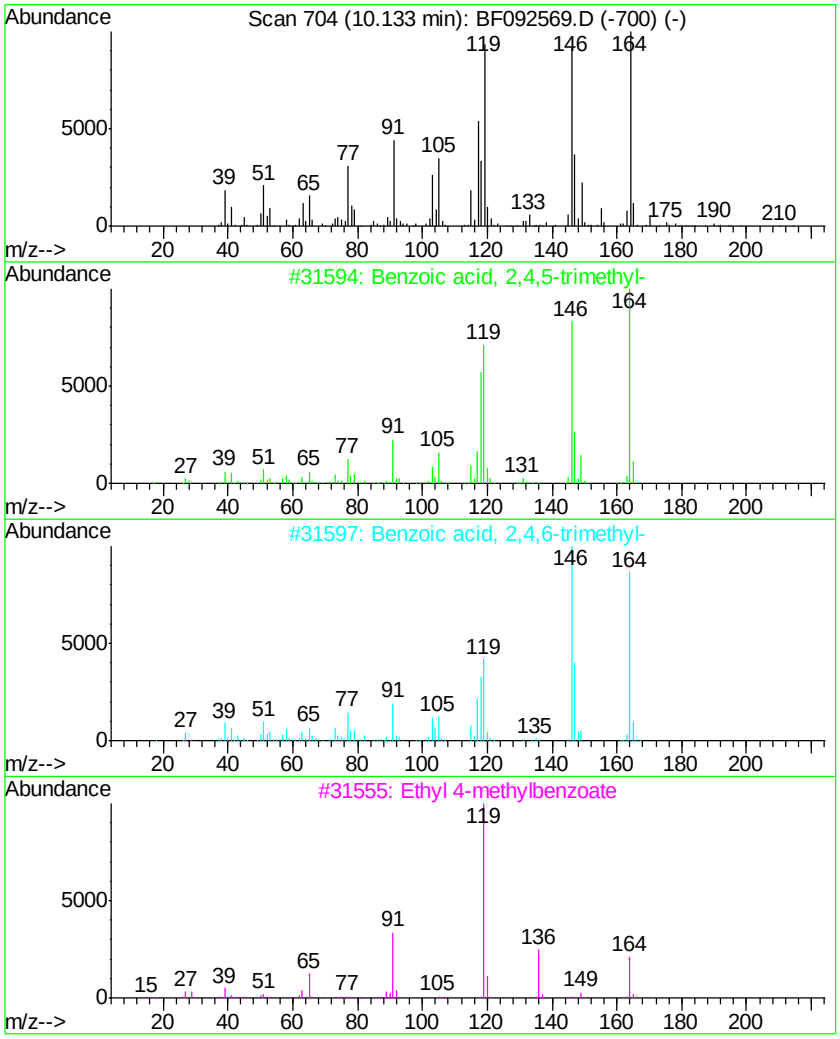
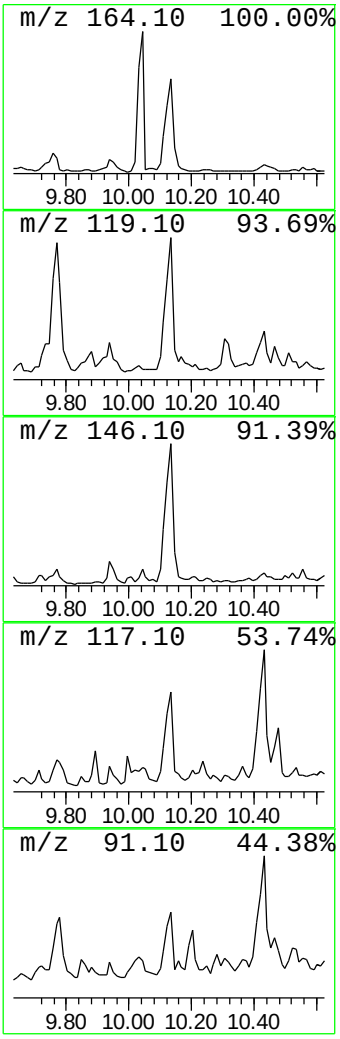
Peak Number 15 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	23.39 ng	2795430	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	74
2	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	64
3	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	46
4	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	45
5	Indan-1,2-dione, 4,7-dimethyl-	174	C11H10O2	073356-55-5	35





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Instrument : BNA_F
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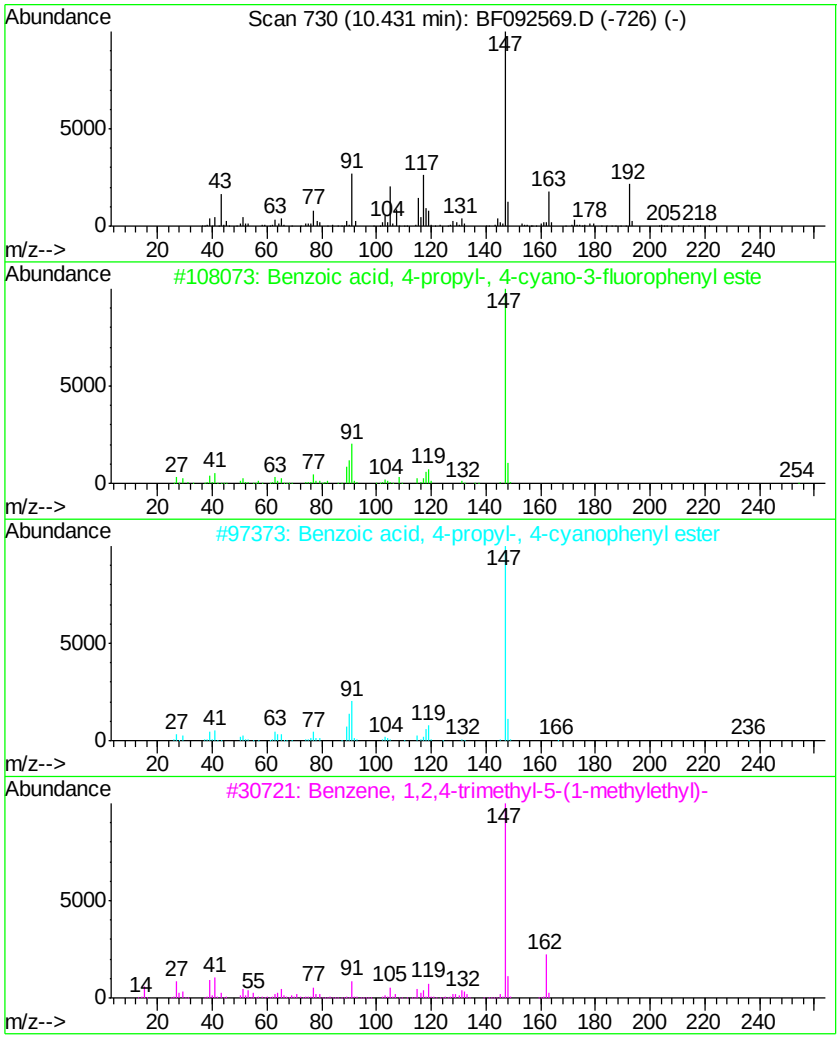
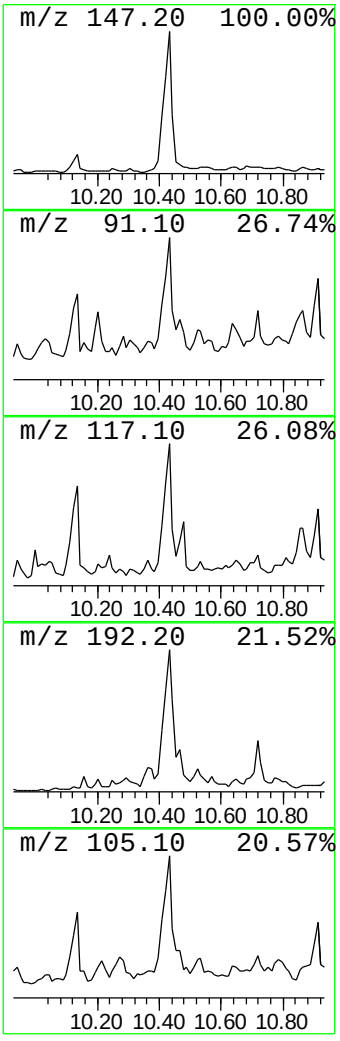
Peak Number 16 unknown10.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	32.64 ng	3900820	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43
2	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43
3	Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	43
4	1,3,5,6,7-Pentamethylbicyclo[3.2...	162	C12H18	003099-00-1	43
5	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	43





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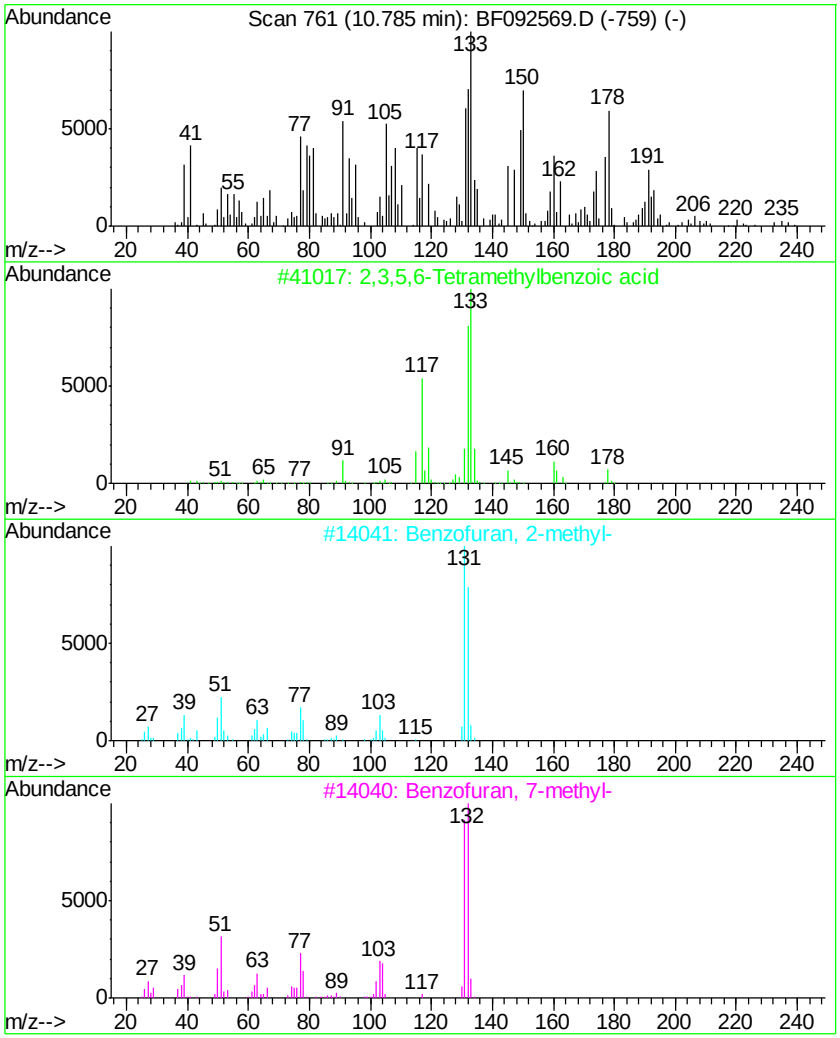
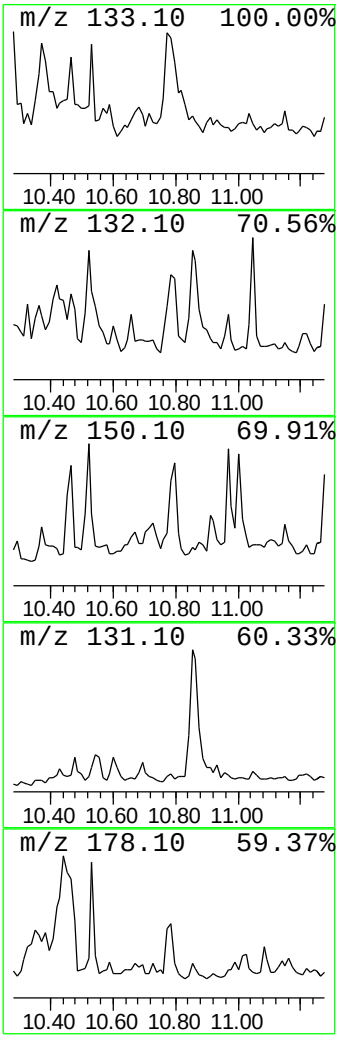
Peak Number 17 unknown10.78 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	12.91 ng	766363	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,5,6-Tetramethylbenzoic acid	178	C11H14O2	002604-45-7	41
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	25
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	25
4	4-Ethylbenzoic acid, isopropyl e...	192	C12H16O2	1000293-49-3	25
5	3,4-Dimethylbenzamide	149	C9H11NO	005580-33-6	20





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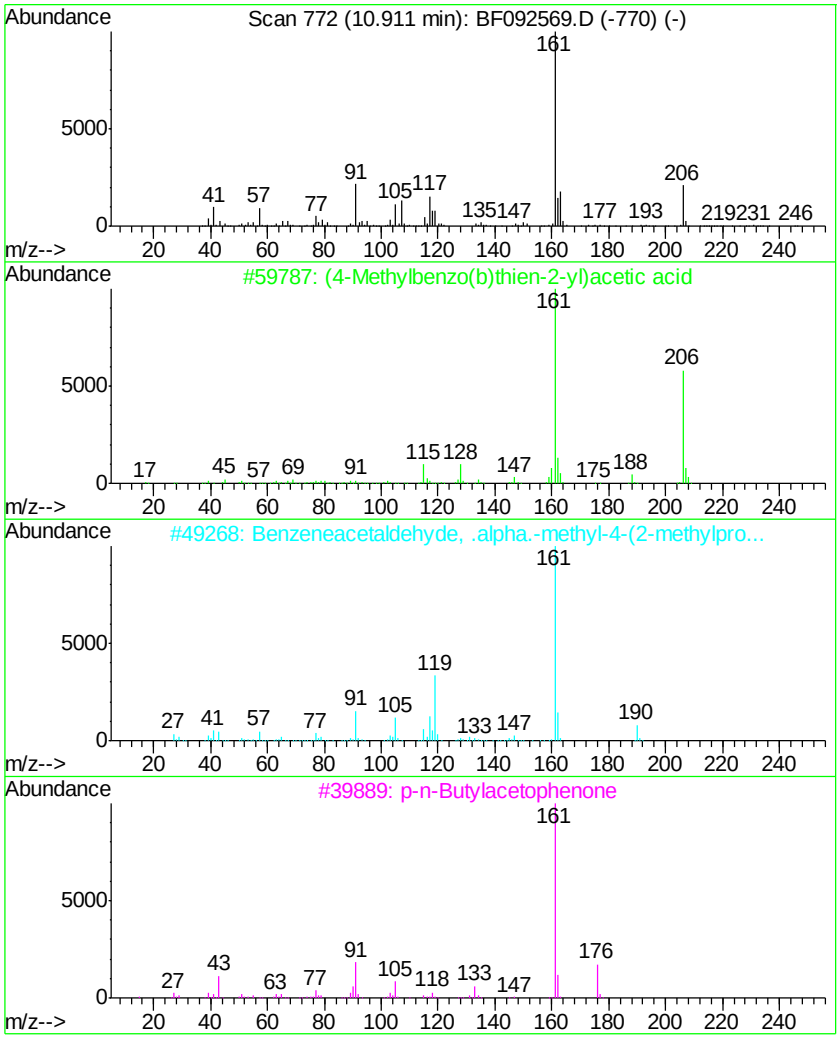
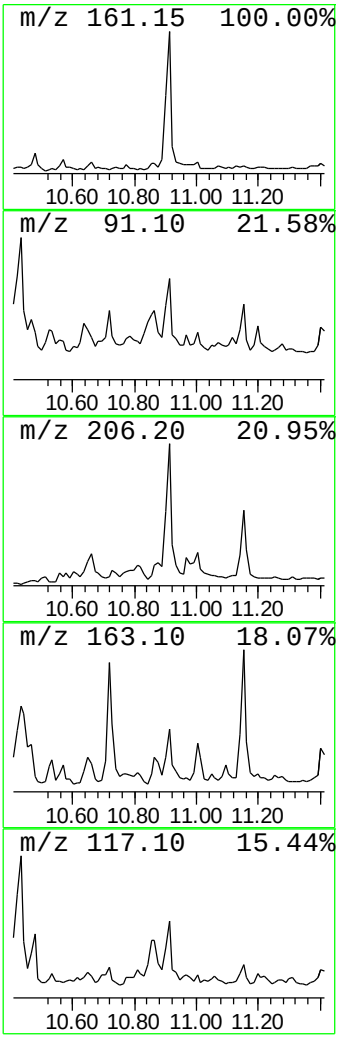
Peak Number 18 (4-Methylbenzo(b)thien-2-yl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	36.05 ng	2140800	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Methylbenzo(b)thien-2-yl)acet...	206	C11H10O2S	001734-37-8	53
2	Benzeneacetaldehyde, .alpha.-met...	190	C13H18O	051407-46-6	53
3	p-n-Butylacetophenone	176	C12H16O	037920-25-5	50
4	1-(4-Butylphenyl)-2,2,2-trichlor...	278	C12H13Cl3O	121199-33-5	47
5	4-Butylbenzoic acid, phenyl ester	254	C17H18O2	085090-12-6	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092569.D
Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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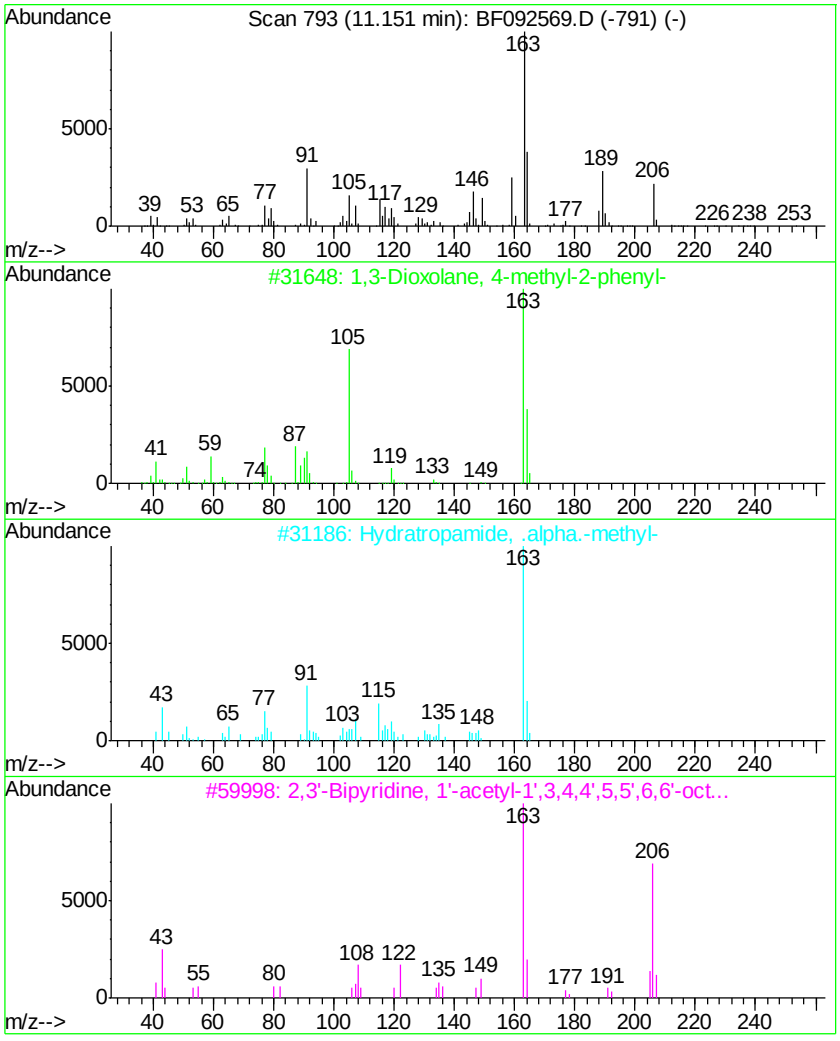
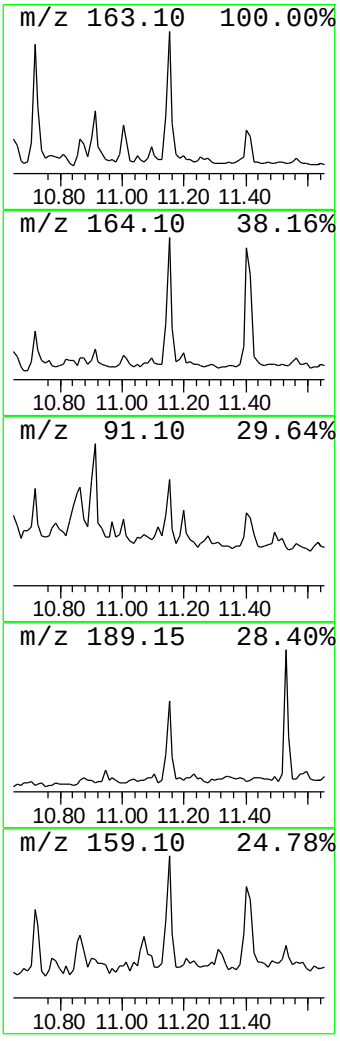
Peak Number 19 unknown11.15 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	18.24 ng	1083150	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 4-methyl-2-phenyl-	164	C10H12O2	002568-25-4	46
2	Hydratropamide, .alpha.-methyl-	163	C10H13NO	000826-54-0	45
3	2,3'-Bipyridine, 1'-acetyl-1',3,...	206	C12H18N2O	052195-93-4	38
4	3,5-di-t-Butyl-4-hydroxybenzyl e...	454	C30H46O3	006922-60-7	37
5	Benzeneacetic acid, .alpha.,.alp...	209	C10H11NO4	126802-52-6	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092569.D
Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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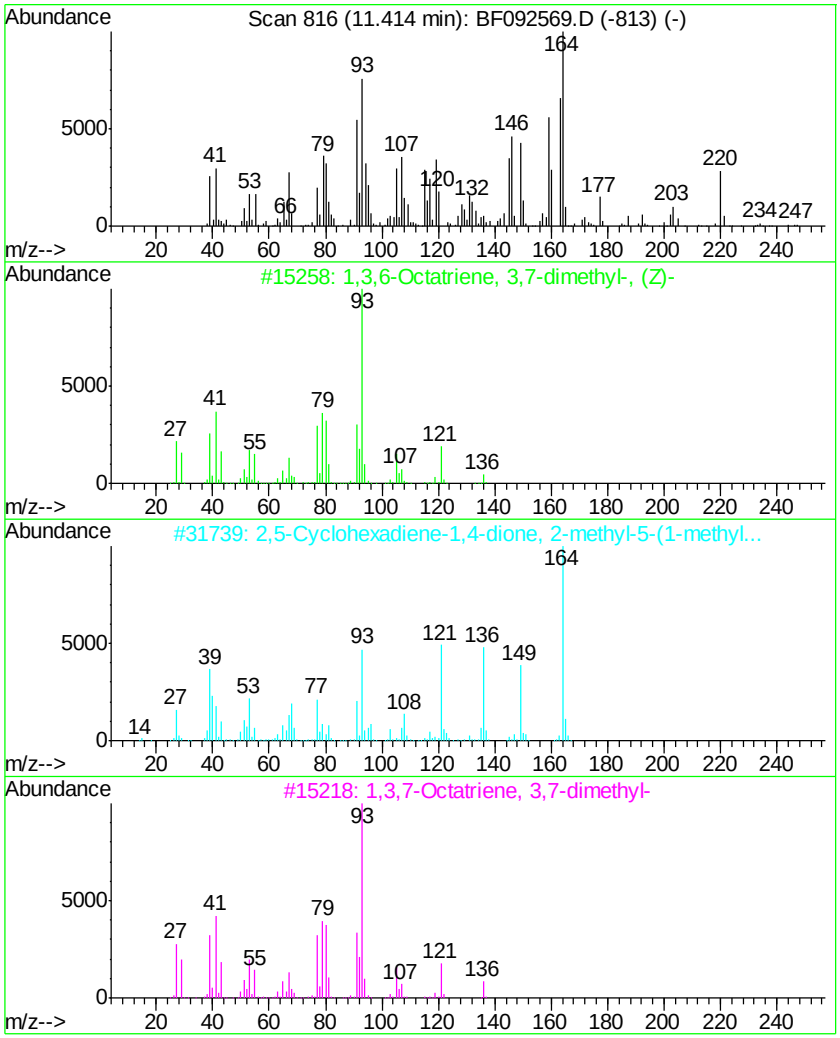
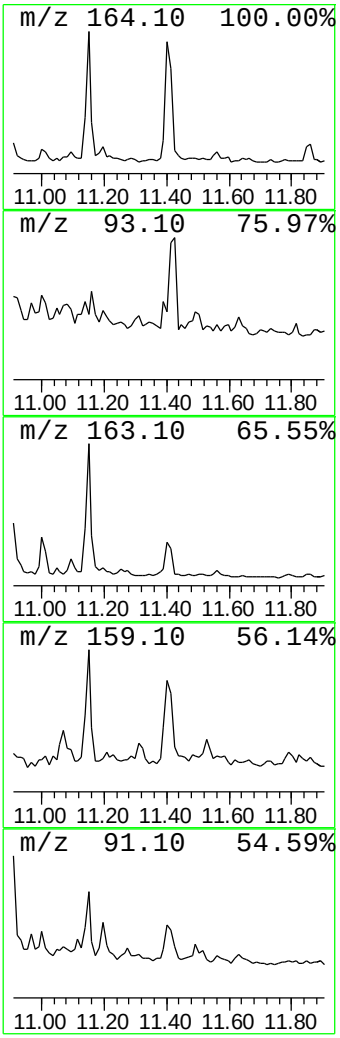
Peak Number 20 unknown11.41 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	21.84 ng	1296870	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	25
2	2,5-Cyclohexadiene-1,4-dione, 2-...	164	C10H12O2	000490-91-5	25
3	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	15
4	1,3,6-Heptatriene, 5-methyl-	108	C8H12	000925-52-0	15
5	Imidazole, 2,5-dimethyl-4-triflu...	164	C6H7F3N2	081769-62-2	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092569.D
Acq On : 27 Jan 2017 11:32
Operator : SJ/MA
Sample : I1353-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-26

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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
unknown5.16	5.16	15.1	ng	898611	1	6.97	1189920	20.0
unknown6.75	6.75	73.7	ng	4384560	1	6.97	1189920	20.0
Benzene, 1,3-diet...	7.22	16.1	ng	955342	1	6.97	1189920	20.0
Benzene, 1,2-diet...	7.31	12.7	ng	757253	1	6.97	1189920	20.0
Benzene, 2-etheny...	7.93	13.2	ng	1615400	2	8.27	2450950	20.0
Benzene, 1,2,4,5-...	8.01	30.2	ng	3699570	2	8.27	2450950	20.0
1-(2-Isopropyl-5-...	8.20	12.4	ng	1512940	2	8.27	2450950	20.0
Benzene, pentamet...	8.42	15.0	ng	1839520	2	8.27	2450950	20.0
unknown8.52	8.52	17.3	ng	2116020	2	8.27	2450950	20.0
1H-Indene, 2,3-di...	8.74	15.5	ng	1897060	2	8.27	2450950	20.0
unknown9.08	9.08	27.6	ng	3383400	2	8.27	2450950	20.0
Naphthalene, 1,7-...	9.61	10.8	ng	1295750	3	10.04	2390450	20.0
Naphthalene, 1,6-...	9.69	21.0	ng	2513890	3	10.04	2390450	20.0
Benzoic acid, 2,4...	10.13	23.4	ng	2795430	3	10.04	2390450	20.0
unknown10.43	10.43	32.6	ng	3900820	3	10.04	2390450	20.0
unknown10.78	10.78	12.9	ng	766363	4	11.53	1187630	20.0
(4-Methylbenzo(b)...	10.91	36.0	ng	2140800	4	11.53	1187630	20.0
unknown11.15	11.15	18.2	ng	1083150	4	11.53	1187630	20.0
unknown11.41	11.41	21.8	ng	1296870	4	11.53	1187630	20.0