LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
Data File : BF092699.D
Acq On : 31 Jan 2017 23:36
Operator : SJ/MA
Sample : I1596-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.127	264	266	270	rBV	727182	800992	16.21%	0.855%
2	5.561	301	304	306	rVB	2207772	2587792	52.36%	2.763%
3	5.973	335	340	342	rBV3	60136	93847	1.90%	0.100%
4	6.098	349	351	353	rBV	130358	143885	2.91%	0.154%
5	6.167	356	357	362	rVB5	21686	64144	1.30%	0.068%
6	6.396	375	377	379	rVB	166737	149355	3.02%	0.159%
7	6.544	388	390	391	rBV	64635	82535	1.67%	0.088%
8	6.590	391	394	396	rVV	1330214	1790936	36.24%	1.912%
9	6.716	402	405	407	rBV	3825581	3944223	79.81%	4.211%
10	6.773	407	410	413	rVB5	124802	274757	5.56%	0.293%
11	6.899	417	421	422	rVB3	161608	297843	6.03%	0.318%
12	6.944	422	425	427	rBV	1355514	1197386	24.23%	1.278%
13	7.001	429	430	436	rVB5	70297	92319	1.87%	0.099%
14	7.104	436	439	441	rBV	4009163	3924872	79.42%	4.190%
15	7.139	441	442	445	rVB3	95173	88696	1.79%	0.095%
16	7.196	445	447	448	rVB2	213652	213539	4.32%	0.228%
17	7.287	452	455	458	rVB3	351922	463270	9.37%	0.495%
18	7.344	458	460	462	rBV	197589	243705	4.93%	0.260%
19	7.390	462	464	467	rVB4	84385	189921	3.84%	0.203%
20	7.516	467	475	477	rBV	3436085	4941895	100.00%	5.276%
21	7.596	480	482	484	rBV2	194876	236153	4.78%	0.252%
22	7.642	484	486	487	rBV2	172162	255846	5.18%	0.273%
23	7.722	490	493	494	rBV	540801	546274	11.05%	0.583%
24	7.744	494	495	499	rVB4	155813	285240	5.77%	0.305%
25	7.813	499	501	504	rBV4	220060	342687	6.93%	0.366%
26	7.893	504	508	511	rBV4	330939	816909	16.53%	0.872%
27	7.939	511	512	513	rVB	91919	63010	1.28%	0.067%
28	7.973	513	515	517	rBV	569777	746589	15.11%	0.797%
29	8.042	519	521	525	rVB4	221811	290647	5.88%	0.310%
30	8.179	525	533	536	rBV6	561336	1734275	35.09%	1.851%
31	8.236	536	538	544	rVB	1877906	2759584	55.84%	2.946%
32	8.362	547	549	551	rBV2	274256	416861	8.44%	0.445%
33	8.430	551	555	556	rBV3	388464	647971	13.11%	0.692%
34	8.487	556	560	561	rVB3	530239	693318	14.03%	0.740%

LSC Area Percent Report

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Data File : BF092699.D
Acq On : 31 Jan 2017 23:36
Operator : SJ/MA
Sample : I1596-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.533	561	564	565	rVB3	241566	368205	7.45%	0.393%
36	8.624	567	572	573	rBV3	331299	852090	17.24%	0.910%
37	8.682	573	577	578	rBV4	252607	627380	12.70%	0.670%
38	8.716	578	580	582	rVB3	321721	376515	7.62%	0.402%
39	8.762	582	584	586	rVB3	263414	423440	8.57%	0.452%
40	8.819	586	589	590	rBV2	566859	711787	14.40%	0.760%
41	8.864	592	593	595	rBV2	156126	248107	5.02%	0.265%
42	8.899	595	596	598	rBV2	157548	217165	4.39%	0.232%
43	8.933	598	599	600	rBV	447656	314372	6.36%	0.336%
44	8.979	600	603	604	rBV3	131537	315512	6.38%	0.337%
45	9.002	604	605	607	rBV2	386264	602364	12.19%	0.643%
46	9.047	607	609	610	rVV2	229216	348164	7.05%	0.372%
47	9.116	613	615	616	rBV2	224683	382425	7.74%	0.408%
48	9.150	616	618	620	rVB2	308386	494379	10.00%	0.528%
49	9.253	623	627	631	rBV4	778498	2235813	45.24%	2.387%
50	9.322	631	633	635	rVB	4580396	4556202	92.20%	4.864%
51	9.367	635	637	640	rVB2	610570	628497	12.72%	0.671%
52	9.425	640	642	644	rBV	535915	835252	16.90%	0.892%
53	9.470	644	646	648	rBV2	224342	376845	7.63%	0.402%
54	9.516	648	650	652	rVB3	226906	228811	4.63%	0.244%
55	9.665	660	663	667	rBV6	463793	965213	19.53%	1.030%
56	9.847	678	679	682	rBV3	462576	633911	12.83%	0.677%
57	9.905	682	684	687	rVV4	182126	297200	6.01%	0.317%
58	9.973	687	690	691	rBV2	527124	919489	18.61%	0.982%
59	9.996	691	692	696	rVB2	1204878	1875592	37.95%	2.002%
60	10.316	717	720	721	rBV2	358607	774383	15.67%	0.827%
61	10.350	721	723	725	rVV2	576798	1219703	24.68%	1.302%
62	10.396	725	727	729	rVB3	555177	913944	18.49%	0.976%
63	10.602	743	745	747	rBV3	349083	582065	11.78%	0.621%
64	10.762	757	759	760	rBV2	525171	657095	13.30%	0.702%
65	10.796	760	762	766	rVB4	2249413	3820173	77.30%	4.078%
66	10.865	766	768	771	rBV4	344211	477968	9.67%	0.510%
67	10.933	771	774	776	rBV	1186974	1264914	25.60%	1.350%
68	10.979	776	778	780	rVV	2002948	2967157	60.04%	3.168%
69	11.025	780	782	783	rVV2	2512510	3796938	76.83%	4.054%
70	11.048	783	784	788	rVV2	2421989	4793960	97.01%	5.118%
71	11.116	788	790	792	rVV	1502550	2566597	51.94%	2.740%

LSC Area Percent Report

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Acq On : 31 Jan 2017 23:36
Operator : SJ/MA
Sample : I1596-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.162	792	794	796	rVV2	2552428	3229829	65.36%	3.448%
73	11.208	796	798	800	rVV2	1821609	3889096	78.70%	4.152%
74	11.242	800	801	803	rVB	1783829	1468032	29.71%	1.567%
75	11.356	809	811	813	rBV2	421146	654104	13.24%	0.698%
76	11.493	821	823	826	rVB	1524140	1306764	26.44%	1.395%
77	11.768	845	847	851	rVB4	213737	360029	7.29%	0.384%
78	11.916	858	860	861	rBV	503276	460638	9.32%	0.492%
79	12.031	869	870	874	rVB2	270025	313733	6.35%	0.335%
80	12.236	885	888	889	rBV3	210250	391233	7.92%	0.418%
81	13.082	959	962	964	rBV	3669860	3904695	79.01%	4.169%
82	14.099	1049	1051	1052	rBV	264898	264081	5.34%	0.282%
83	14.122	1052	1053	1056	rVB	838564	981901	19.87%	1.048%
84	14.751	1106	1108	1110	rVB	104509	141884	2.87%	0.151%
85	15.597	1179	1182	1186	rVB	722882	956880	19.36%	1.022%
86	16.042	1219	1221	1224	rVB	41693	74337	1.50%	0.079%
87	16.557	1264	1266	1271	rVB	46594	78057	1.58%	0.083%
88	17.368	1334	1337	1343	rVB	42461	102915	2.08%	0.110%

Sum of corrected areas: 93669111

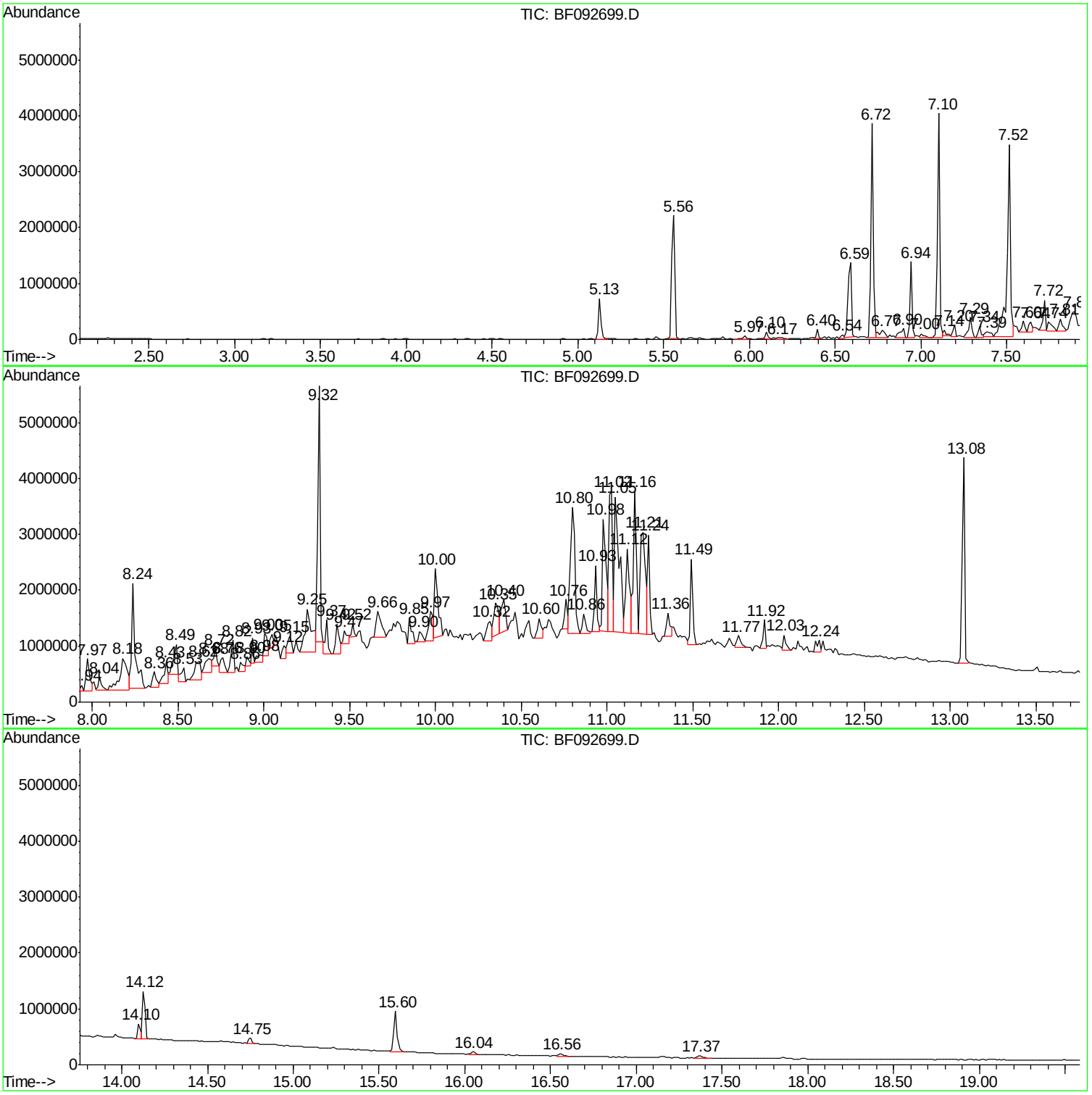
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
Data File : BF092699.D
Acq On : 31 Jan 2017 23:36
Operator : SJ/MA
Sample : I1596-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF013117\
Data File : BF092699.D
Acq On : 31 Jan 2017 23:36
Operator : SJ/MA
Sample : I1596-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

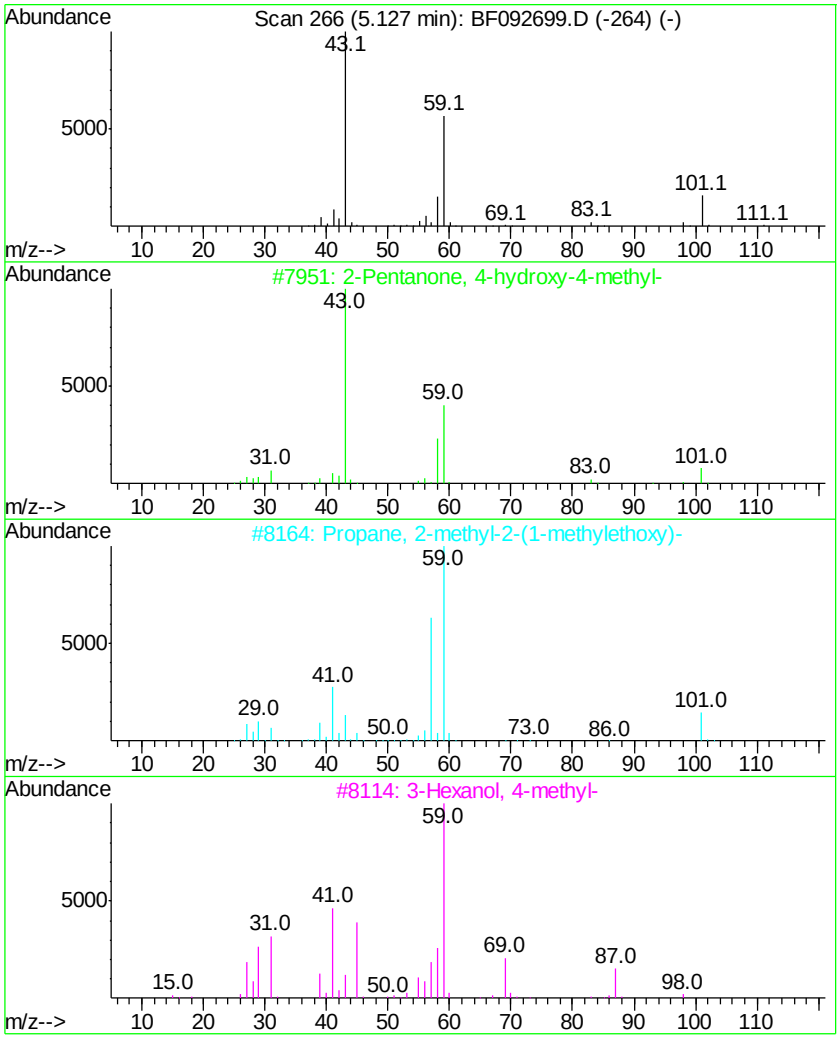
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

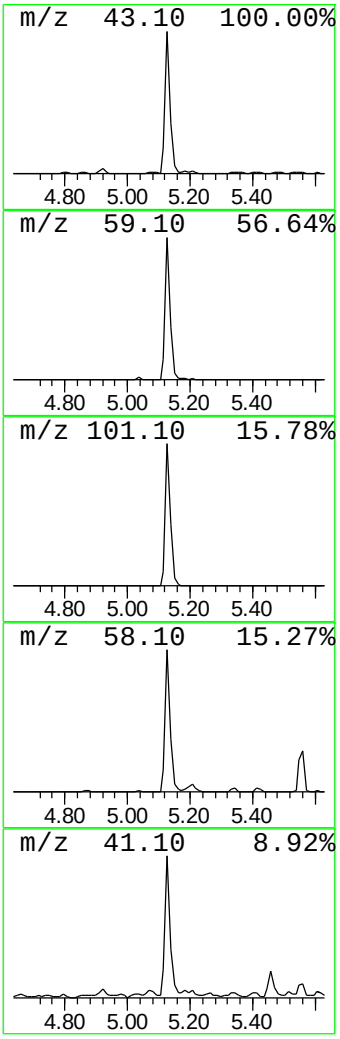
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	13.38 ng	800992	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
Data File : BF092699.D
Acq On : 31 Jan 2017 23:36
Operator : SJ/MA
Sample : I1596-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

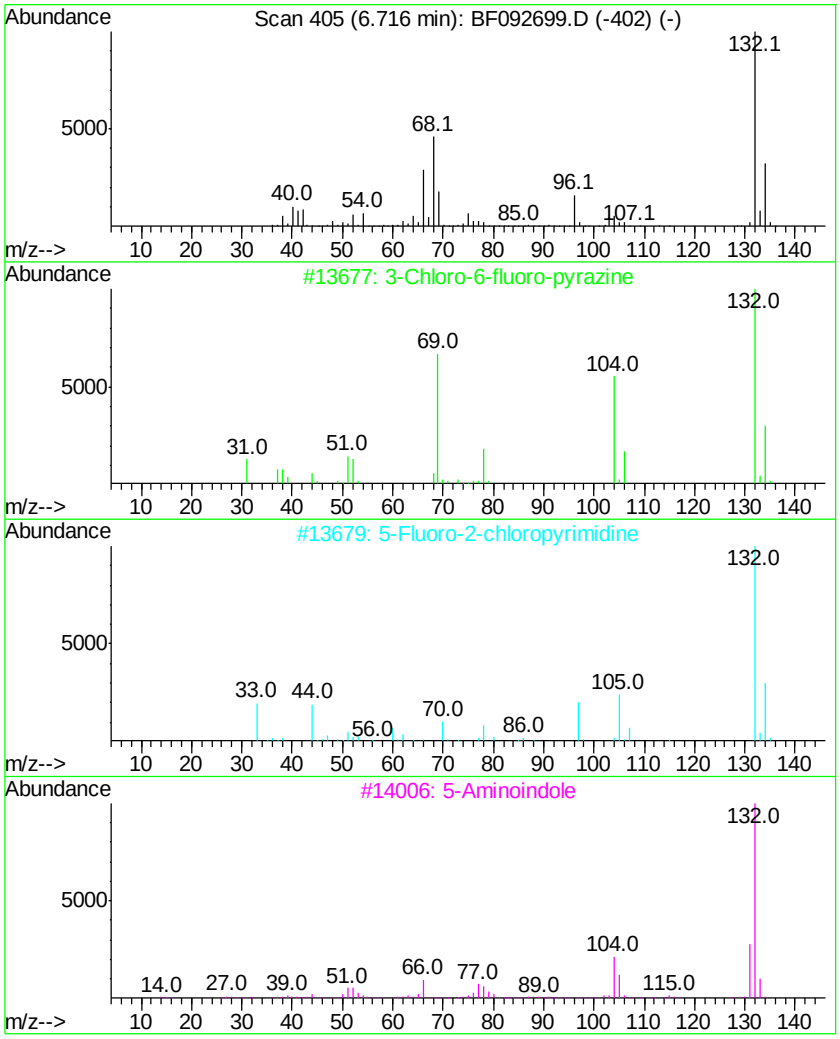
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

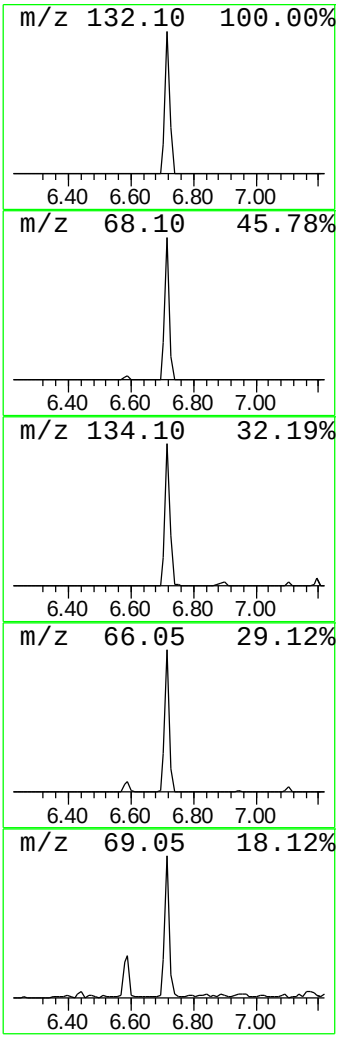
****

Peak Number 2 unknown6.72 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	65.88 ng	3944220	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
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





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Sample : I1596-06
Misc :
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Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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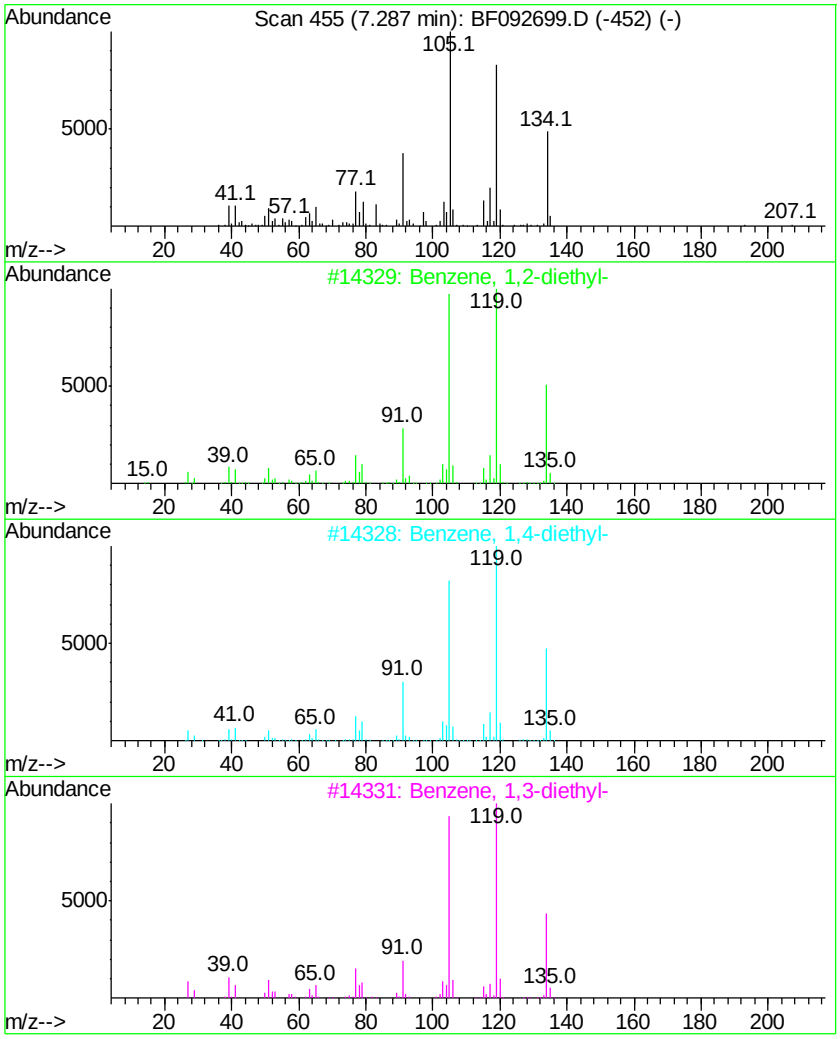
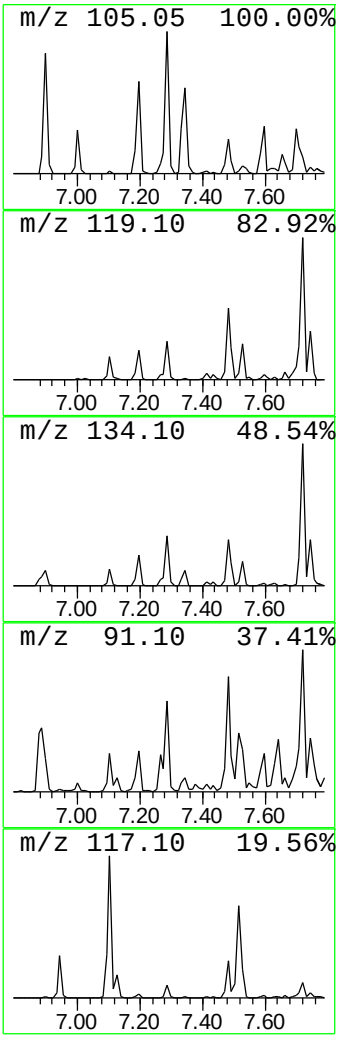
Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	7.74 ng	463270	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83





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Sample : I1596-06
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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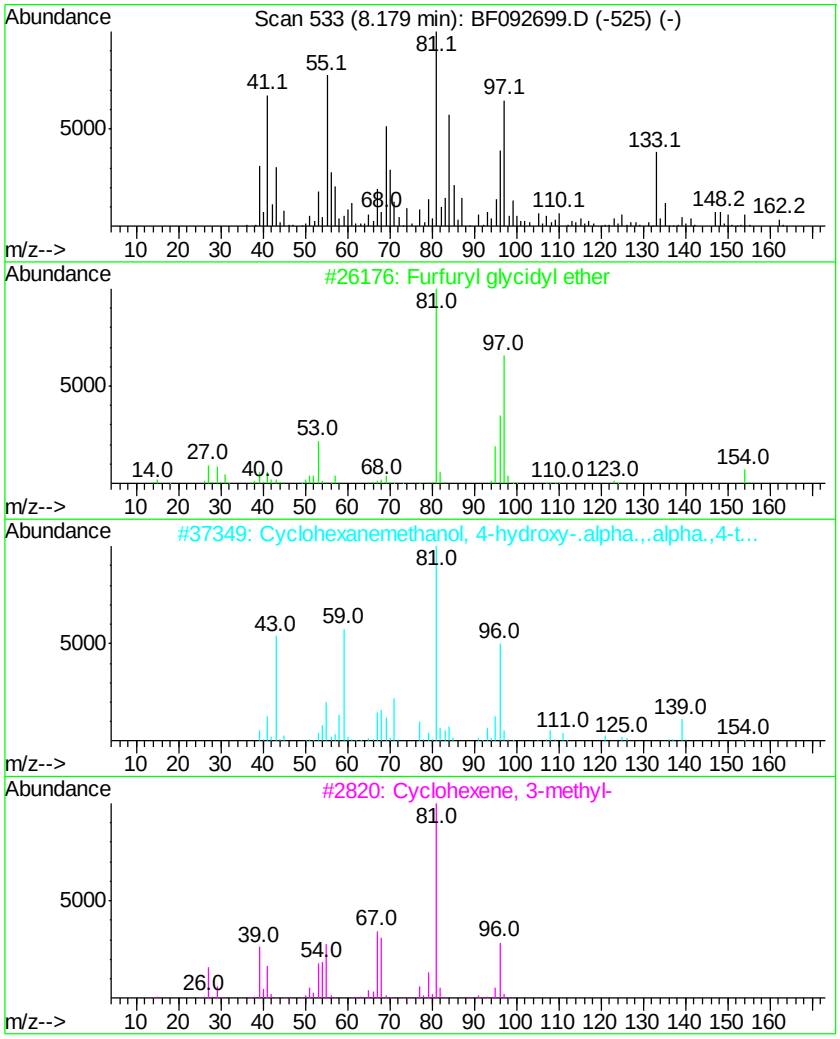
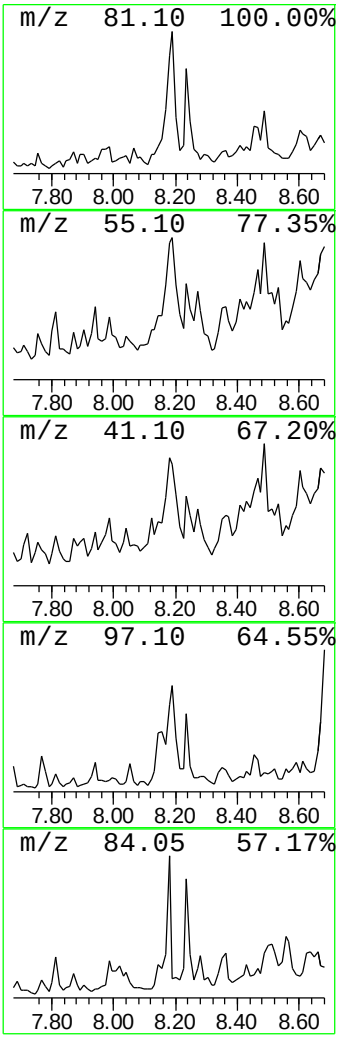
Peak Number 5 unknown8.18 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	12.57 ng	1734280	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	43
2	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	38
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	38
5	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	35





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Sample : I1596-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

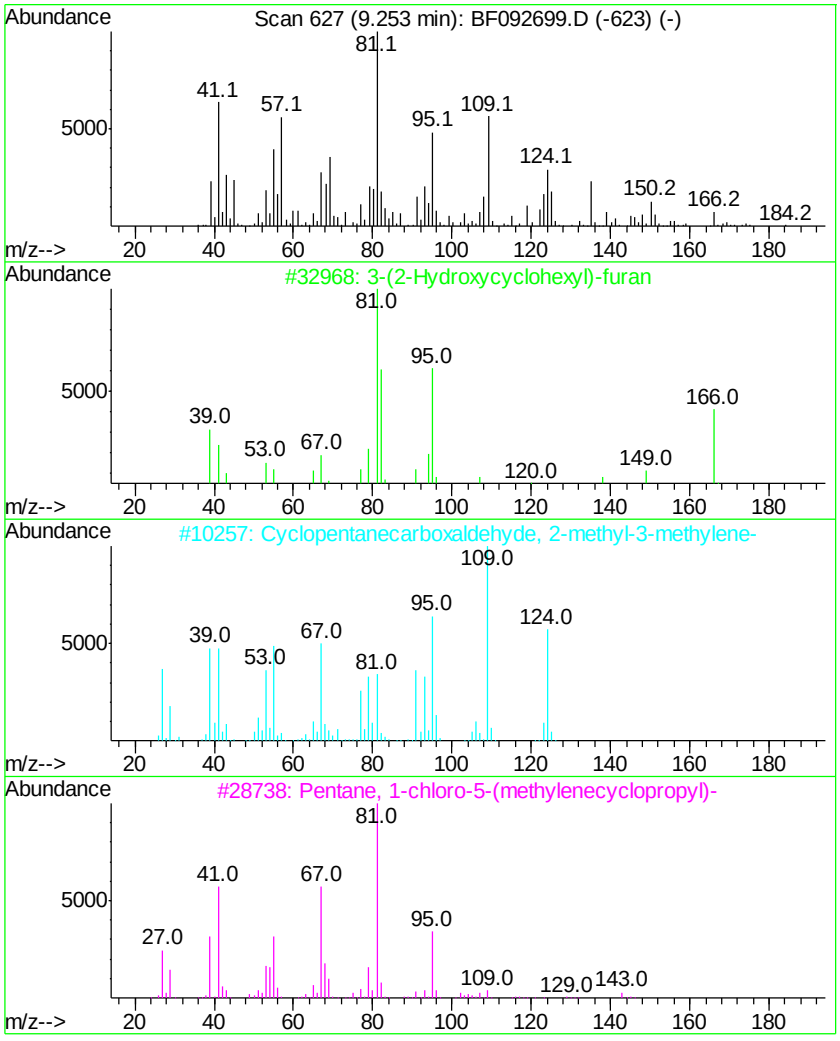
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

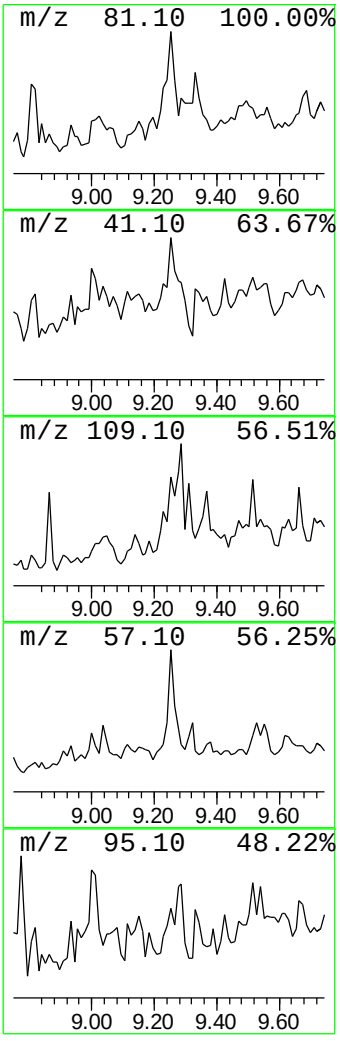
****

Peak Number 6 unknown9.25 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	23.84 ng	2235810	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Hydroxycyclohexyl)-furan	166	C10H14O2	118959-04-9	41
2	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	38
3	Pentane, 1-chloro-5-(methylenecy...	158	C9H15Cl	1000158-49-0	38
4	Ethanone, 1-(2-methyl-2-cyclopen...	124	C8H12O	001767-84-6	27
5	2-n-Butyl furan	124	C8H12O	004466-24-4	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
Data File : BF092699.D
Acq On : 31 Jan 2017 23:36
Operator : SJ/MA
Sample : I1596-06
Misc :
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Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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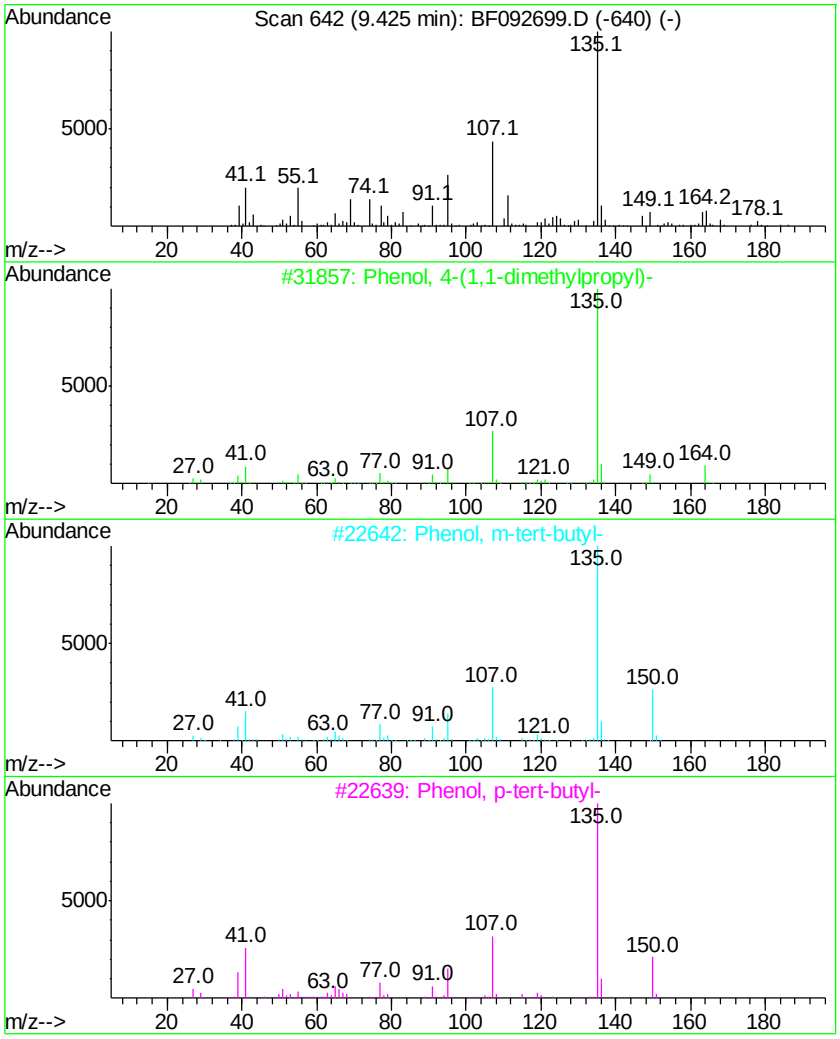
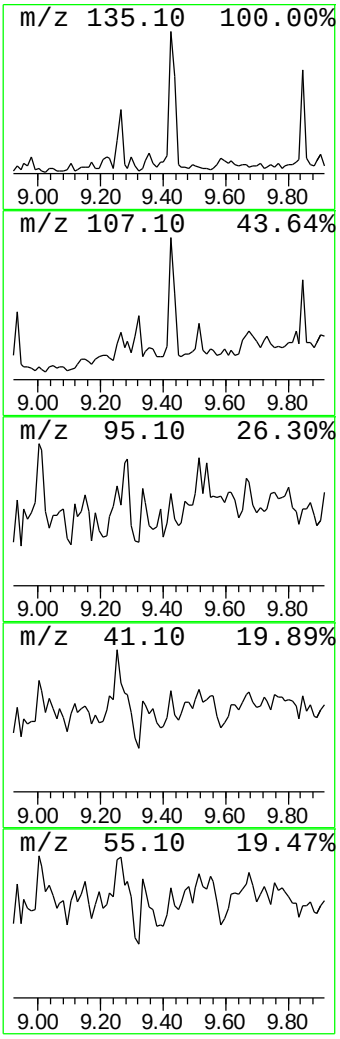
Peak Number 7 Phenol, 4-(1,1-dimethylprop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	8.91 ng	835252	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	64
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	50
4	1-Ethyl-1(1-cyclobutylidenethyl)...	164	C12H20	1000215-13-7	46
5	1-Cyclopentenecarboxylic acid, 2...	246	C15H15FO2	1000158-81-1	42





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Data File : BF092699.D
Acq On : 31 Jan 2017 23:36
Operator : SJ/MA
Sample : I1596-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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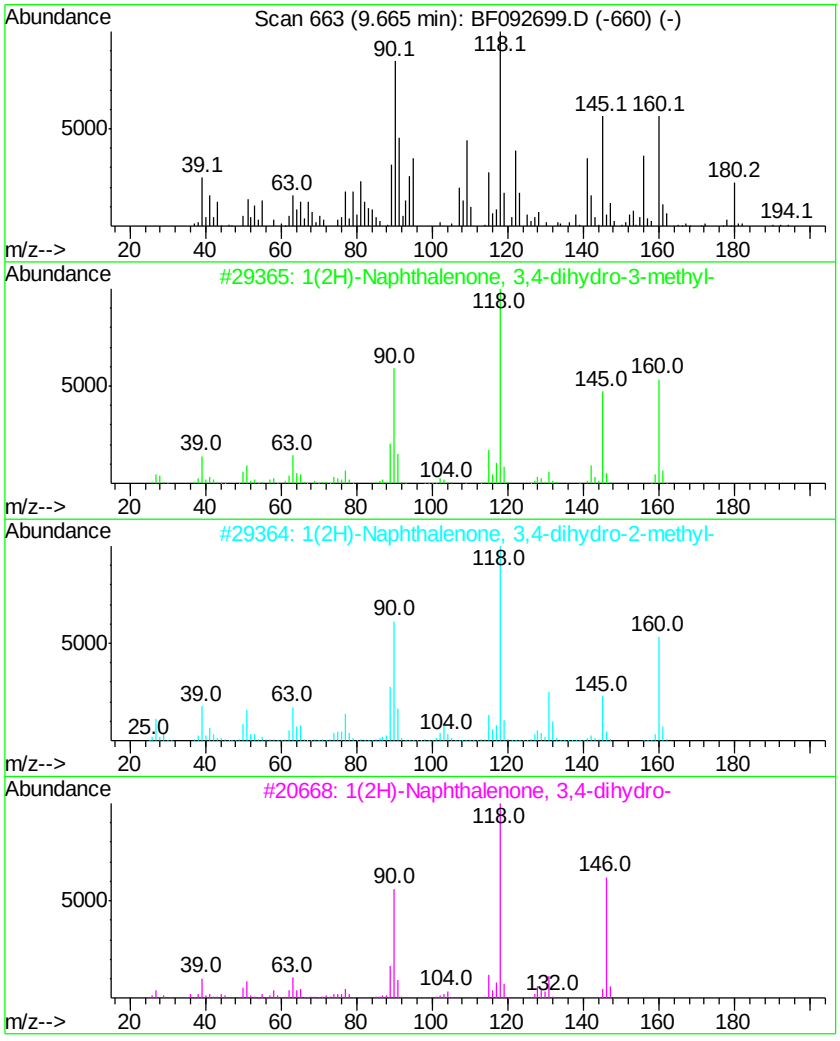
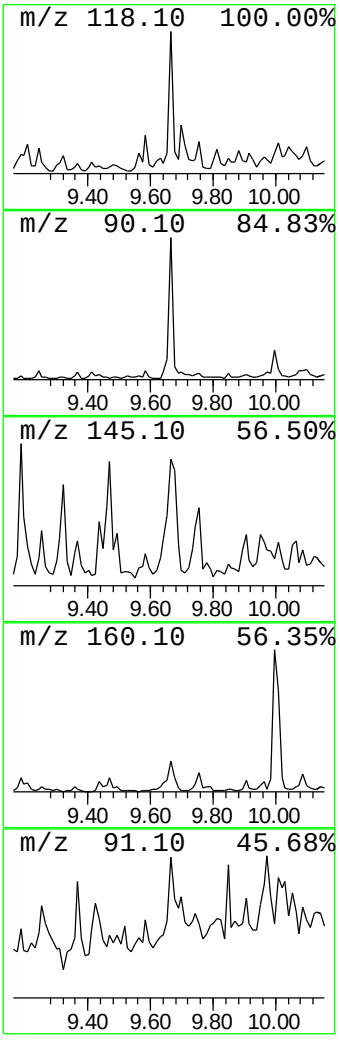
Peak Number 8 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	10.29 ng	965213	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	76
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	70
3	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	49
4	Homophthalimide	161	C9H7NO2	004456-77-3	47
5	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	47





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Sample : I1596-06
Misc :
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Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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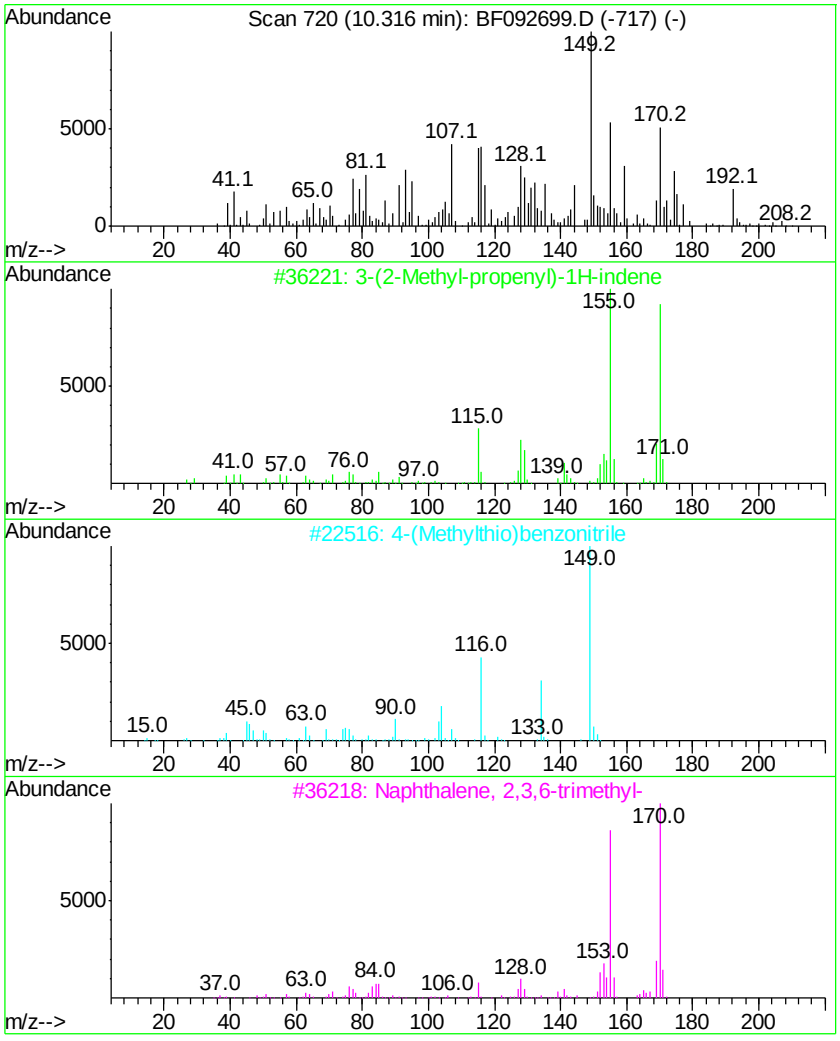
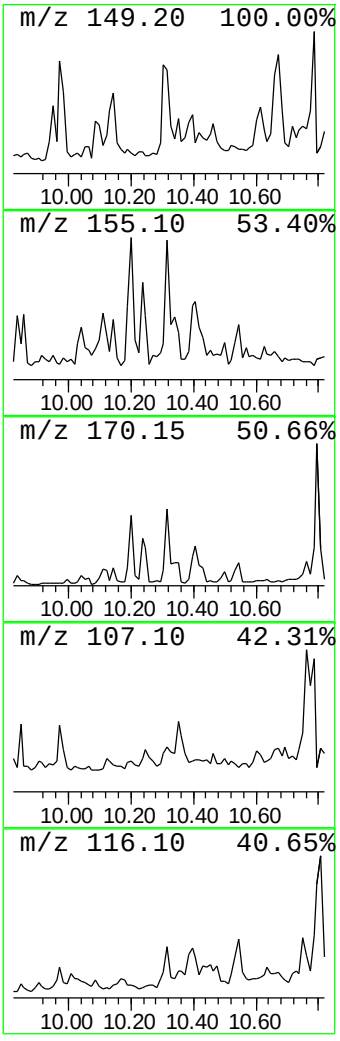
Peak Number 9 unknown10.32 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	8.26 ng	774383	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	46
2	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	27
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	25
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	25
5	Dimethyl phenylphosphonite	170	C8H11O2P	002946-61-4	15





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Sample : I1596-06
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ClientSampleId : MW-06

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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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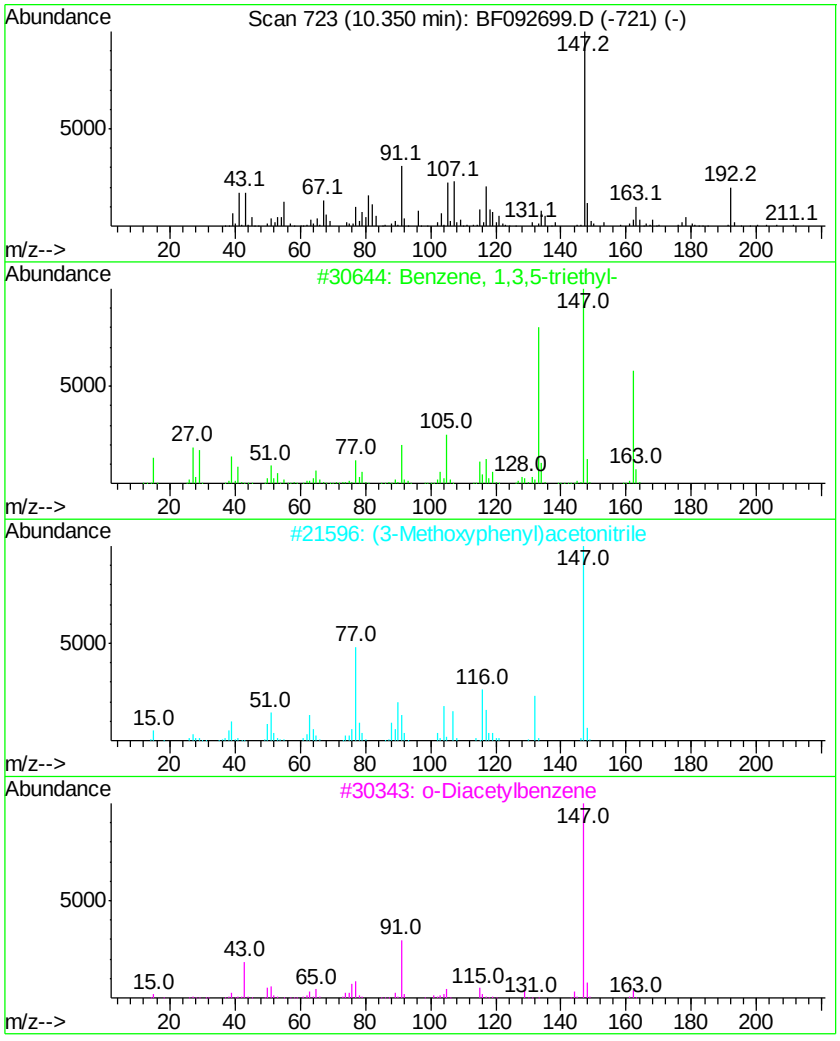
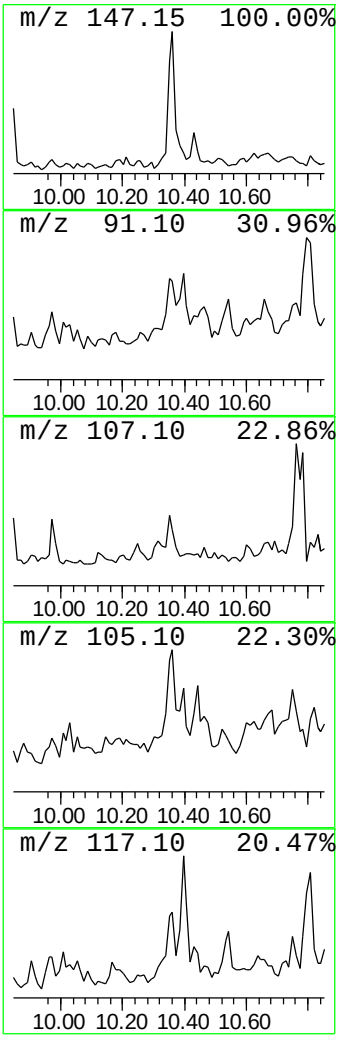
Peak Number 10 unknown10.35 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	13.01 ng	1219700	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	40
2	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	38
3	o-Diacetylbenzene	162	C10H10O2	000704-00-7	38
4	Benzimidazole, 2-amino-1-methyl-	147	C8H9N3	001622-57-7	37
5	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	35





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

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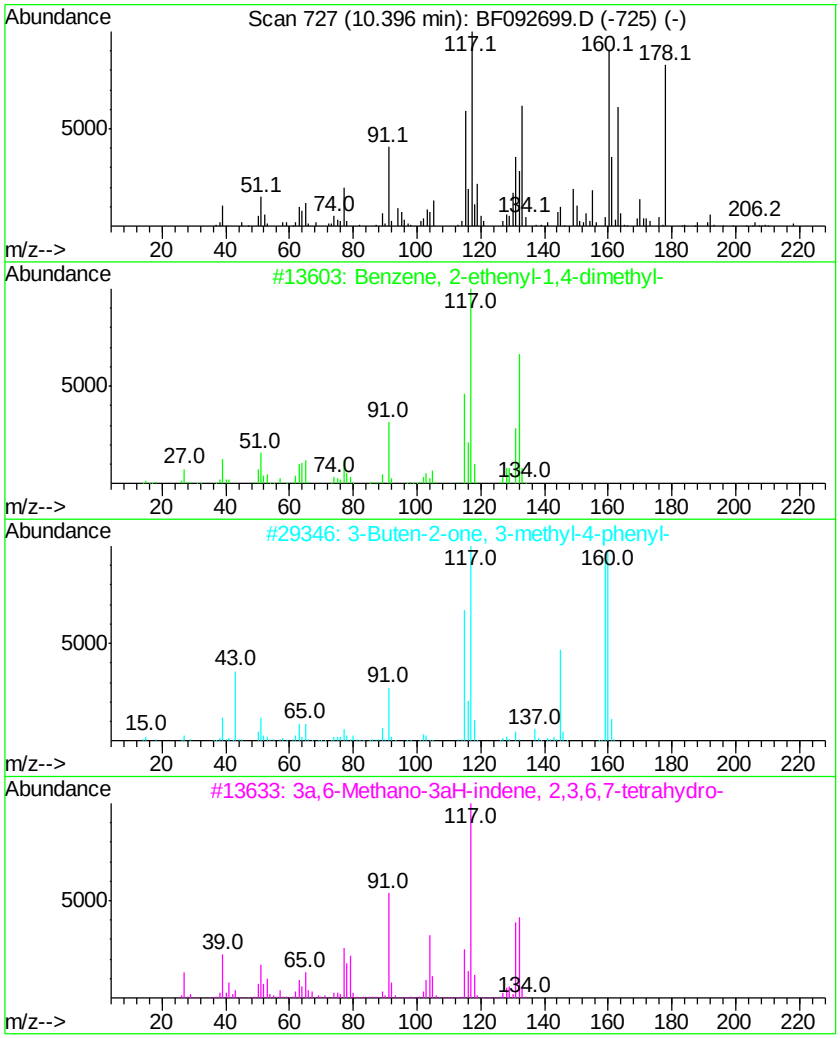
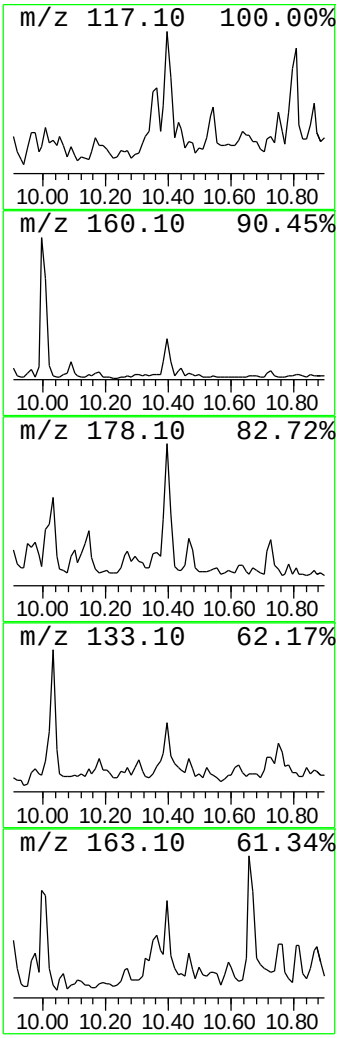
Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	9.75 ng	913944	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	53
2	3-Buten-2-one, 3-methyl-4-phenyl-	160	C11H12O	001901-26-4	38
3	3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	35
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	25
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	25





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Sample : I1596-06
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId : MW-06

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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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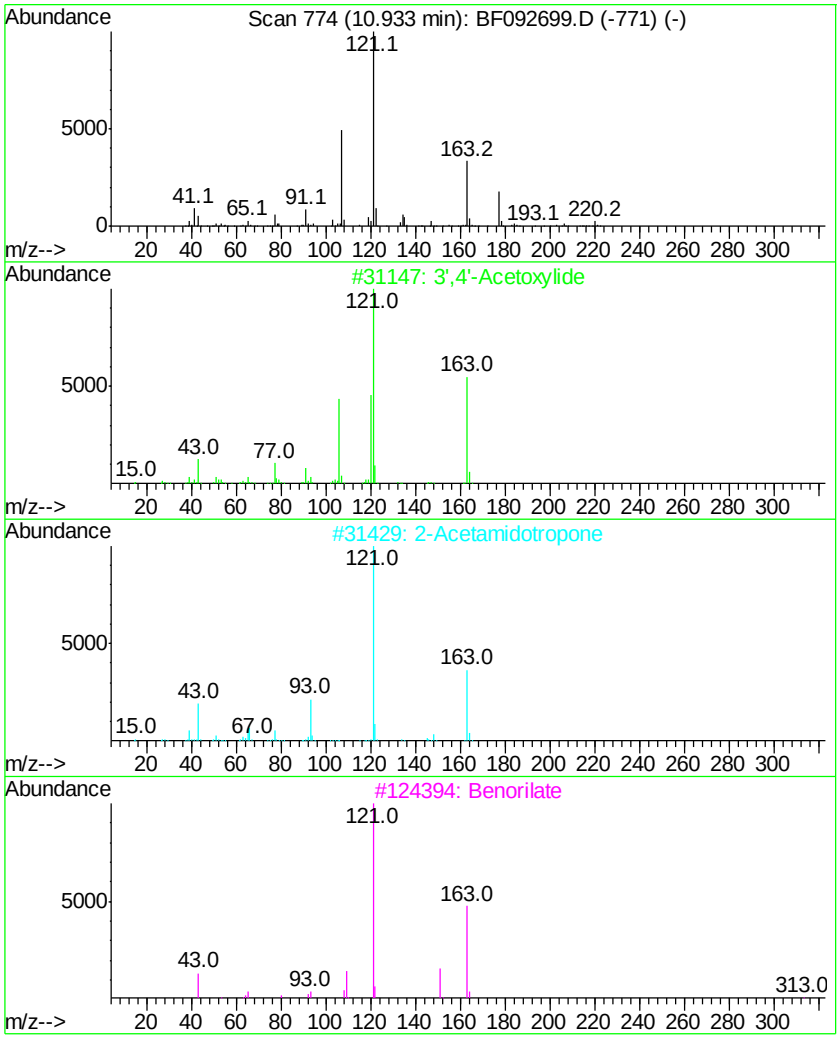
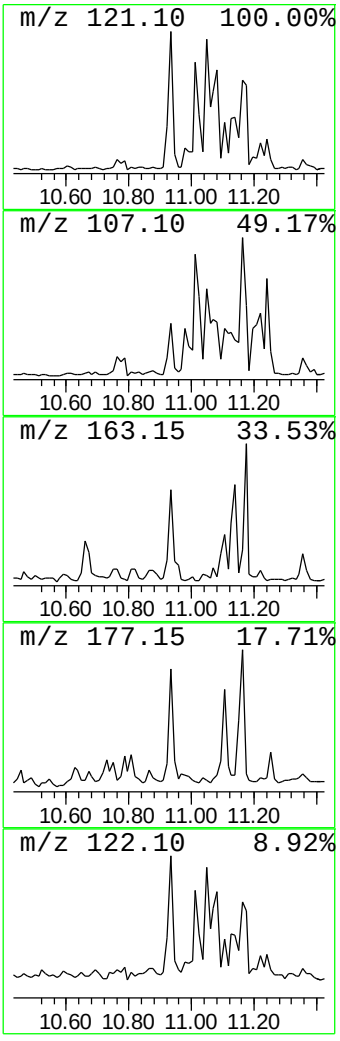
Peak Number 12 unknown10.93 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	19.36 ng	1264910	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	49
2	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
3	Benorilate	313	C17H15NO5	005003-48-5	47
4	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	47
5	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	38





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Sample : I1596-06
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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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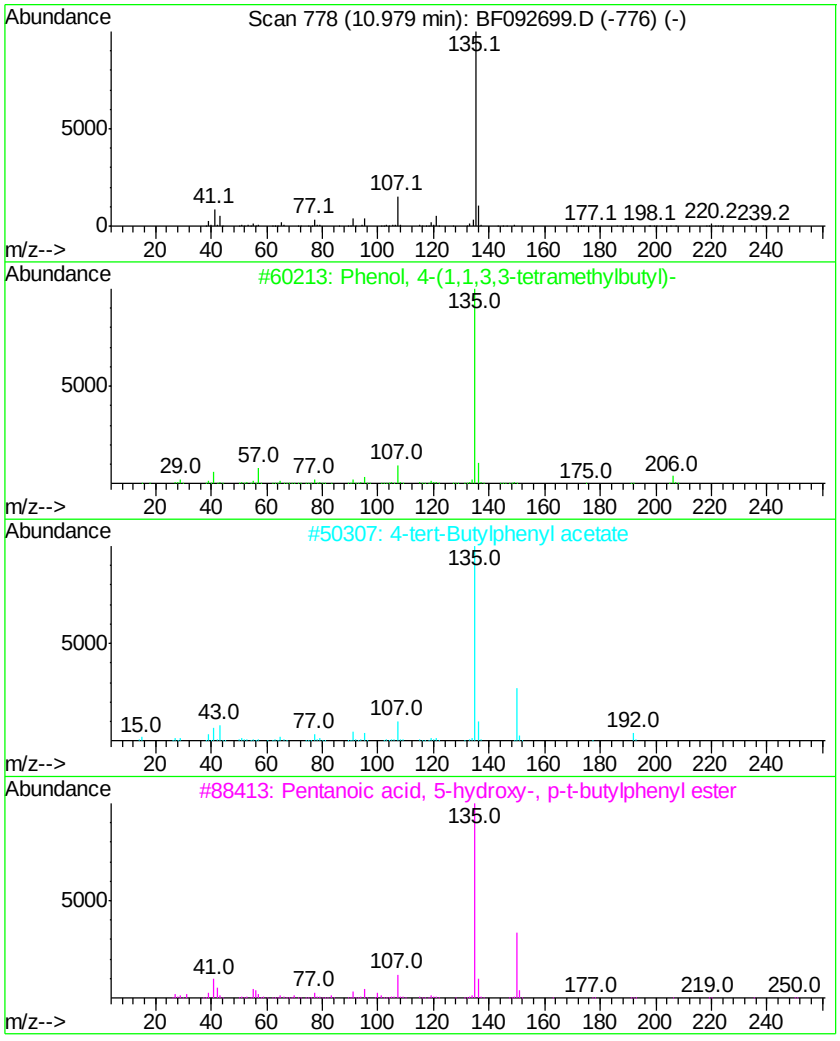
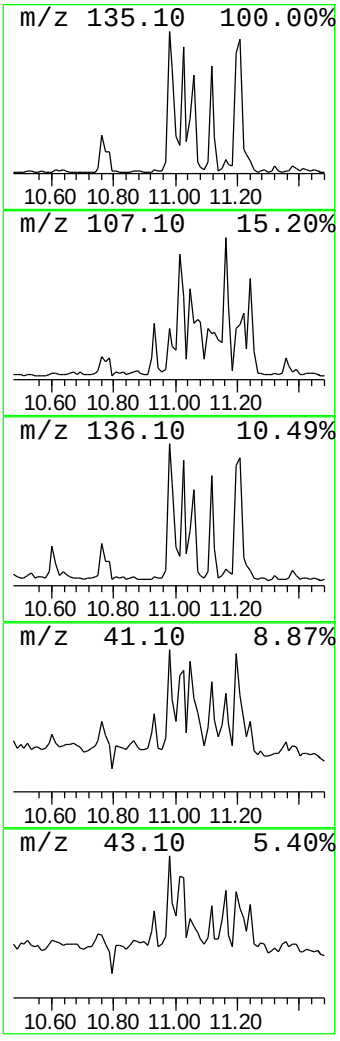
Peak Number 13 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	45.41 ng	2967160	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
4	1-n-Hexyladamantane	220	C16H28	022458-75-9	64
5	m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	50





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Sample : I1596-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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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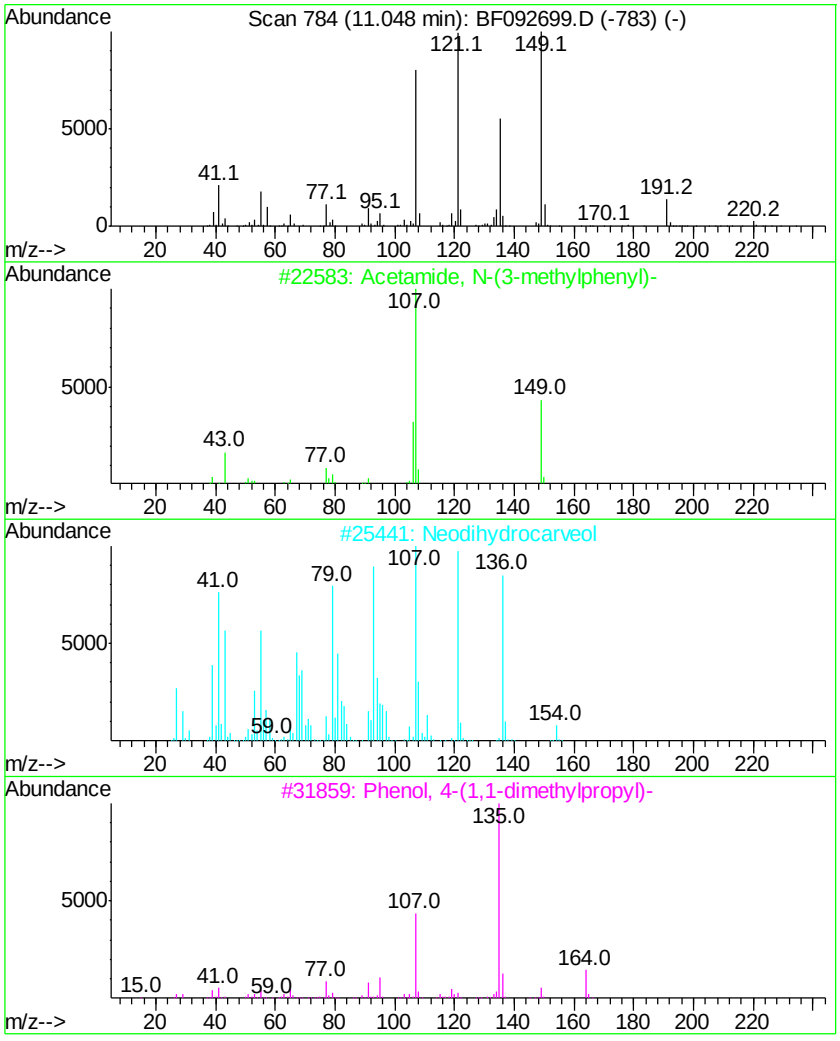
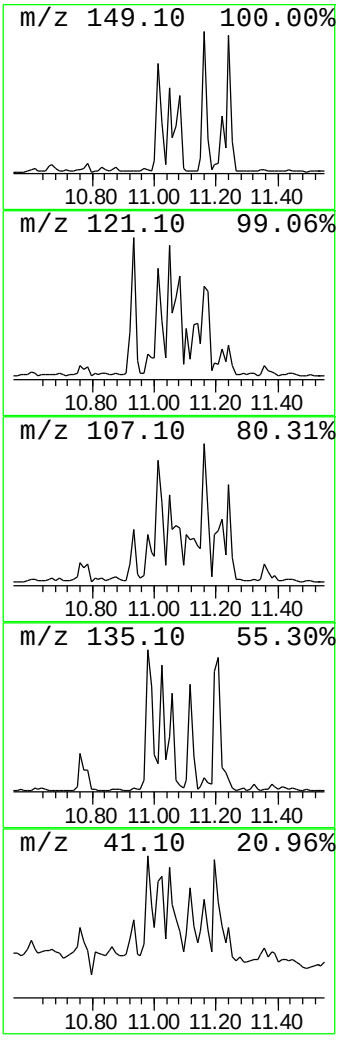
Peak Number 15 unknown11.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	73.37 ng	4793960	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
2	Neodihydrocarveol	154	C10H18O	018675-34-8	38
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	27
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	25
5	3',4'-Formoxylidide	149	C9H11NO	006639-60-7	25





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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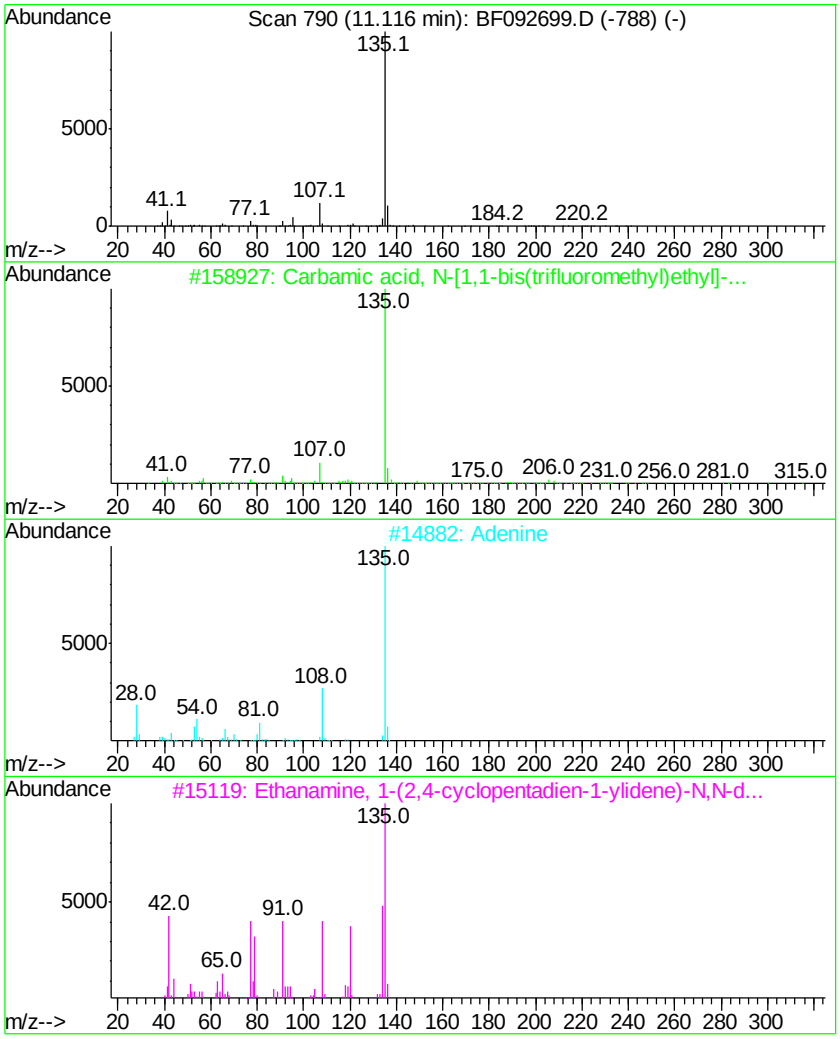
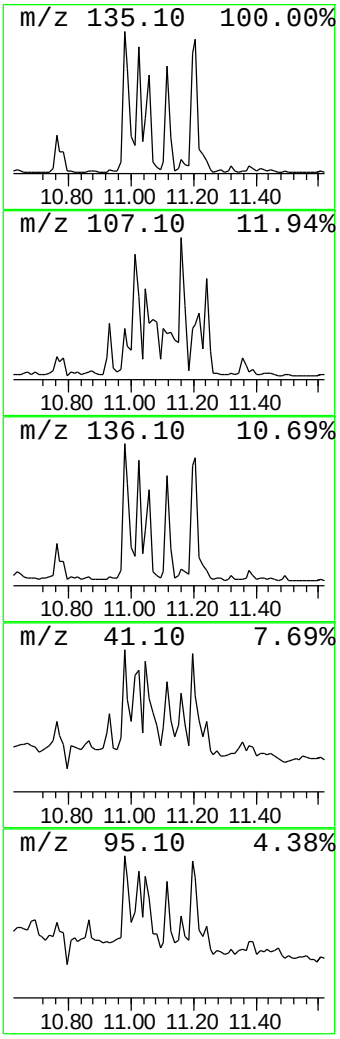
Peak Number 16 unknown11.12 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	39.28 ng	2566600	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	40
2	Adenine	135	C5H5N5	000073-24-5	9
3	Ethanamine, 1-(2,4-cyclopentadie...	135	C9H13N	014469-77-3	9
4	Formamide, N-methyl-N-phenyl-	135	C8H9NO	000093-61-8	9
5	Pyridazo[4,5-b]pyrrole, 2,3-dihy...	135	C7H9N3	112513-72-1	9





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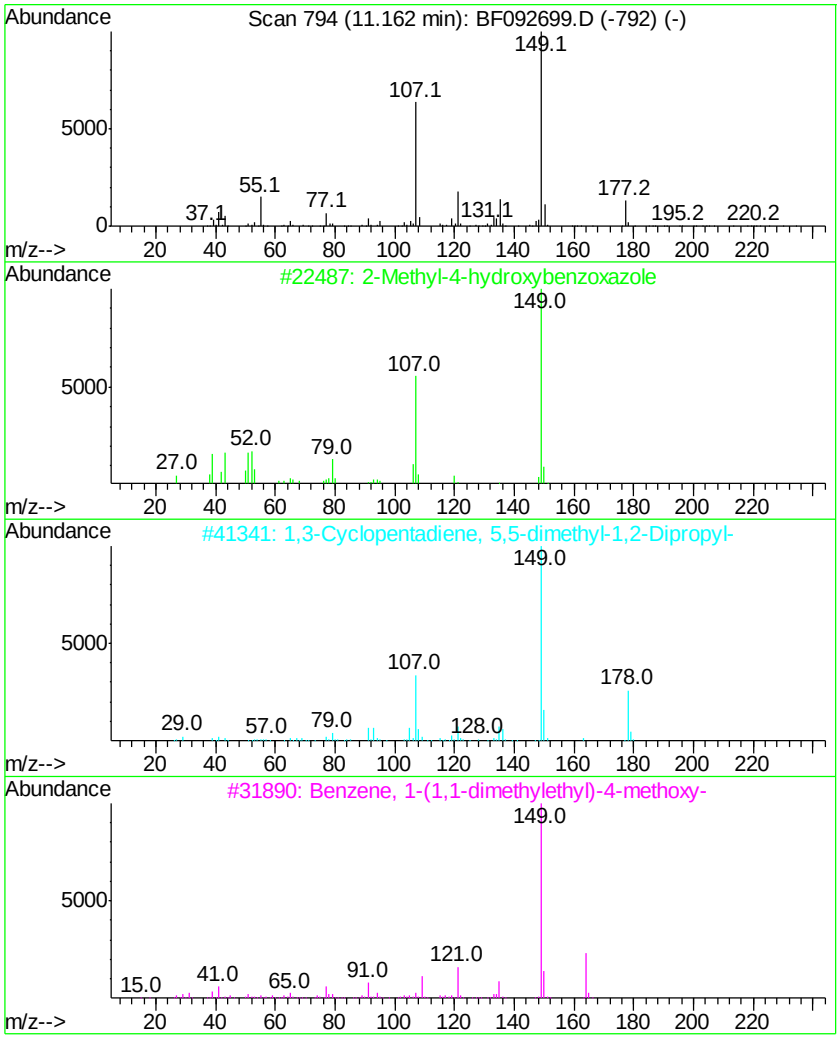
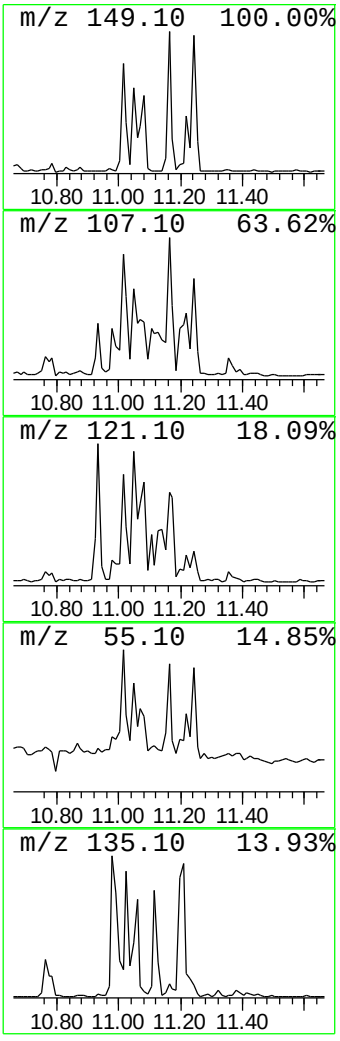
Peak Number 17 2-Methyl-4-hydroxybenzoxazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	49.43 ng	3229830	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
2	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	56
3	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	53
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	47
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	47





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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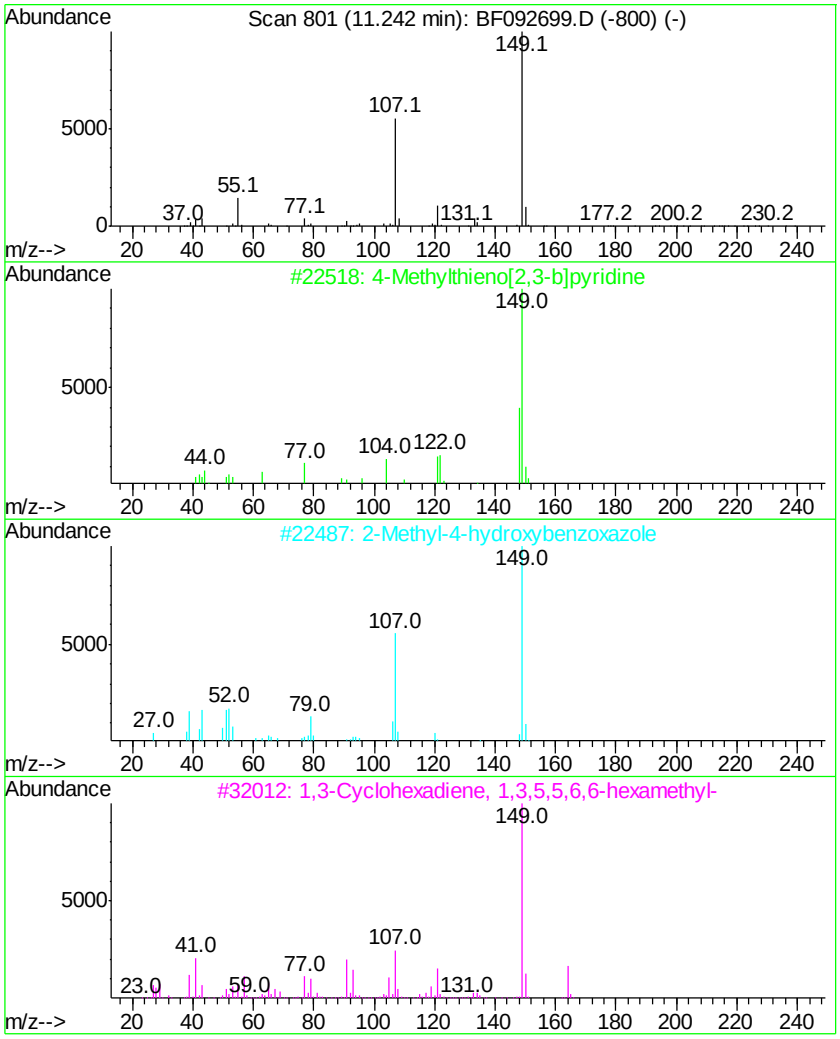
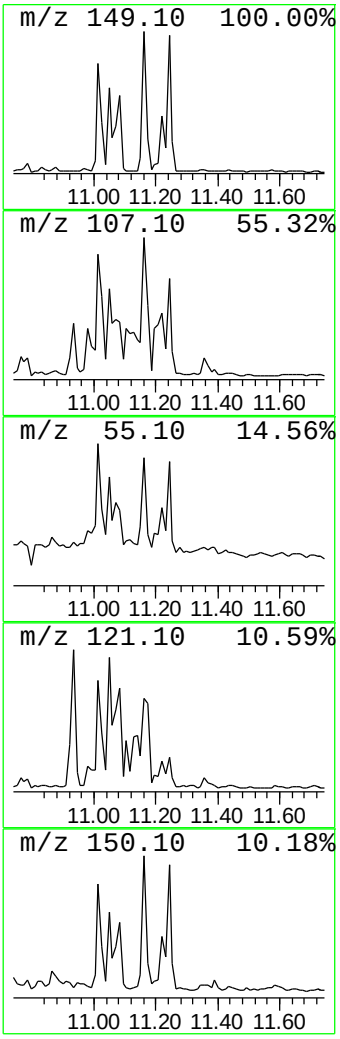
Peak Number 19 4-Methylthieno[2,3-b]pyridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	22.47 ng	1468030	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylthieno[2,3-b]pyridine	149	C8H7NS	013362-81-7	50
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	40
3	1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164	C12H20	1000150-39-4	36
4	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	28
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	28





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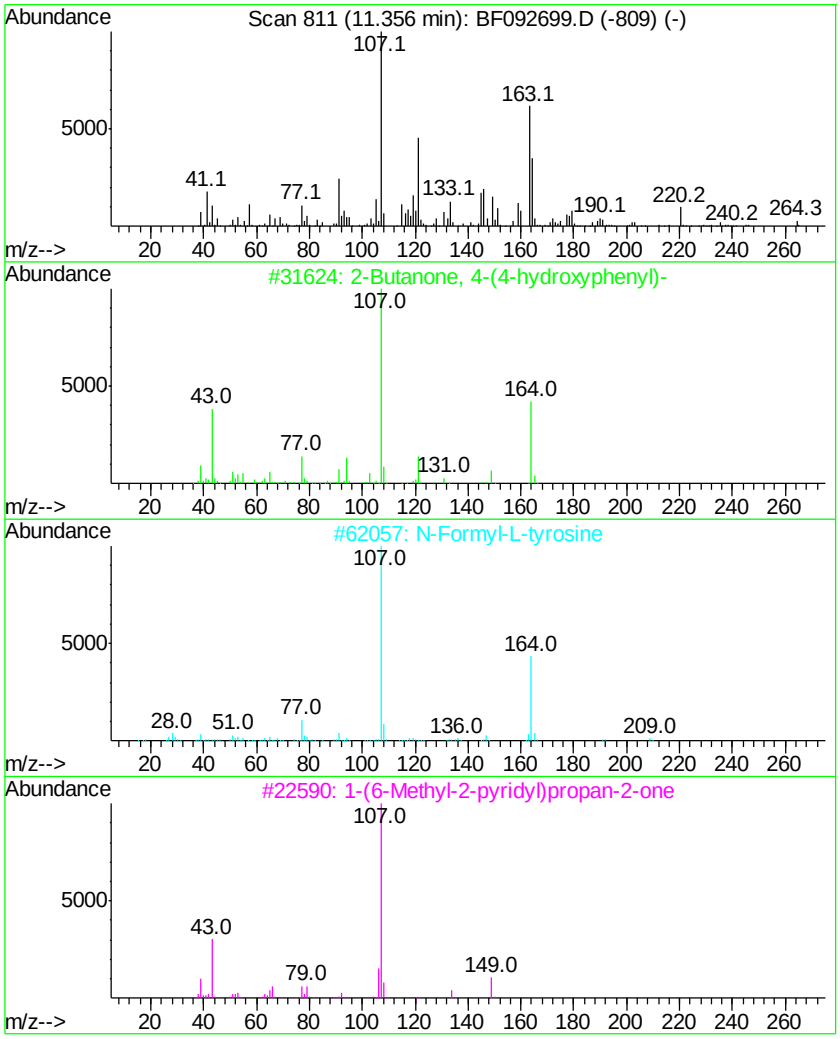
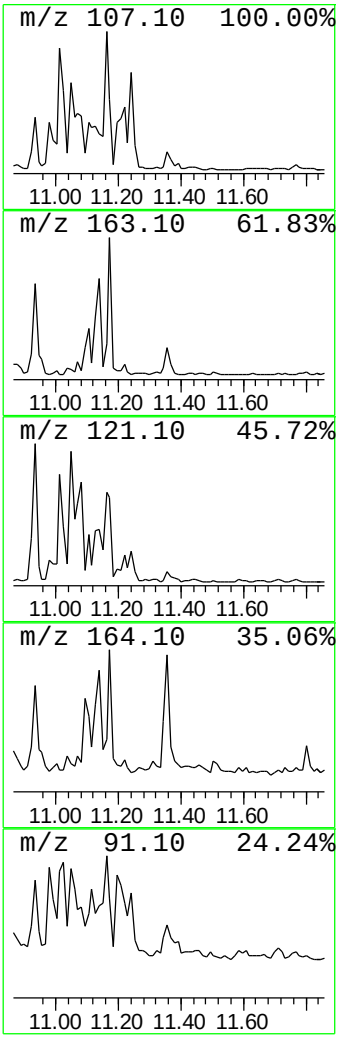
Peak Number 20 unknown11.36 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	10.01 ng	654104	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 4-(4-hydroxyphenyl)-	164	C10H12O2	005471-51-2	35
2	N-Formyl-L-tyrosine	209	C10H11NO4	013200-86-7	35
3	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	27
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	22
5	Benzeneamine, 3-hexyl-	177	C12H19N	036042-29-2	22





Tentatively Identified Compound (LSC) summary

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Data File : BF092699.D
Acq On : 31 Jan 2017 23:36
Operator : SJ/MA
Sample : I1596-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.13	13.4	ng	800992	1	6.94	1197390	20.0
unknown6.72	6.72	65.9	ng	3944220	1	6.94	1197390	20.0
Benzene, 1,2-diet...	7.29	7.7	ng	463270	1	6.94	1197390	20.0
unknown8.18	8.18	12.6	ng	1734280	2	8.24	2759580	20.0
unknown9.25	9.25	23.8	ng	2235810	3	10.00	1875590	20.0
Phenol, 4-(1,1-di...	9.42	8.9	ng	835252	3	10.00	1875590	20.0
1(2H)-Naphthaleno...	9.66	10.3	ng	965213	3	10.00	1875590	20.0
unknown10.32	10.32	8.3	ng	774383	3	10.00	1875590	20.0
unknown10.35	10.35	13.0	ng	1219700	3	10.00	1875590	20.0
Benzene, 2-etheny...	10.40	9.8	ng	913944	3	10.00	1875590	20.0
unknown10.93	10.93	19.4	ng	1264910	4	11.49	1306760	20.0
Phenol, 4-(1,1,3,...	10.98	45.4	ng	2967160	4	11.49	1306760	20.0
unknown11.05	11.05	73.4	ng	4793960	4	11.49	1306760	20.0
unknown11.12	11.12	39.3	ng	2566600	4	11.49	1306760	20.0
2-Methyl-4-hydrox...	11.16	49.4	ng	3229830	4	11.49	1306760	20.0
4-Methylthieno[2,...	11.24	22.5	ng	1468030	4	11.49	1306760	20.0
unknown11.36	11.36	10.0	ng	654104	4	11.49	1306760	20.0