LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092168.D
Acq On : 10 Jan 2017 5:04
Operator : UM/SJ
Sample : I1055-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.356	39	41	46	rVB	49455	87202	2.45%	0.259%
2	2.687	67	70	77	rVB2	21148	48408	1.36%	0.144%
3	3.201	112	115	120	rVB	16889	42992	1.21%	0.128%
4	4.036	186	188	193	rBV	30010	49172	1.38%	0.146%
5	4.756	249	251	261	rVB	434420	636395	17.90%	1.891%
6	5.247	292	294	305	rBV	1987093	2219801	62.43%	6.597%
7	6.287	382	385	386	rBV	308771	448151	12.60%	1.332%
8	6.310	386	387	394	rVB	890594	1186644	33.37%	3.526%
9	6.413	394	396	399	rBV	2865419	3129091	88.00%	9.299%
10	6.642	414	416	417	rBV	670730	798039	22.44%	2.372%
11	6.722	421	423	424	rBV	44815	56793	1.60%	0.169%
12	6.790	427	429	432	rVB	2320191	2631474	74.01%	7.820%
13	6.893	437	438	440	rVB	59746	45473	1.28%	0.135%
14	6.985	443	446	448	rVB	75576	69668	1.96%	0.207%
15	7.053	448	452	455	rBV2	26125	63009	1.77%	0.187%
16	7.156	455	461	464	rBV2	244956	753991	21.21%	2.241%
17	7.213	464	466	468	rVB	1874473	2122184	59.68%	6.307%
18	7.339	474	477	480	rBV3	94644	160251	4.51%	0.476%
19	7.419	480	484	489	rVV2	346991	877596	24.68%	2.608%
20	7.499	489	491	492	rVV	148803	153445	4.32%	0.456%
21	7.522	492	493	495	rVV2	57318	76854	2.16%	0.228%
22	7.556	495	496	497	rVV	60130	59970	1.69%	0.178%
23	7.579	497	498	503	rVB3	50360	112407	3.16%	0.334%
24	7.670	503	506	508	rBV	541347	588353	16.55%	1.748%
25	7.739	508	512	515	rVB5	26049	52472	1.48%	0.156%
26	7.865	519	523	526	rVV	74073	104323	2.93%	0.310%
27	7.922	526	528	531	rVV	812537	1048461	29.49%	3.116%
28	7.979	531	533	535	rVB	62098	59642	1.68%	0.177%
29	8.162	547	549	552	rBV3	112854	232359	6.53%	0.691%
30	8.208	552	553	555	rVB	110068	82420	2.32%	0.245%
31	8.276	556	559	560	rBV2	36351	45209	1.27%	0.134%
32	8.310	560	562	565	rVB4	70748	91492	2.57%	0.272%
33	8.402	565	570	576	rBV5	63136	160841	4.52%	0.478%
34	8.493	576	578	579	rBV2	36740	41809	1.18%	0.124%

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Misc :
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Instrument : BNA_F
ClientSampleId : W-49

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

35	8.585	584	586	588	rVB2	90405	107316	3.02%	0.319%
36	8.710	596	597	601	rBV3	24923	53439	1.50%	0.159%
37	8.882	610	612	614	rBV3	29286	47629	1.34%	0.142%
38	8.939	614	617	620	rVV5	73684	130816	3.68%	0.389%
39	9.008	620	623	625	rVV	4164907	3555697	100.00%	10.566%
40	9.122	628	633	635	rBV5	43883	115441	3.25%	0.343%
41	9.168	635	637	639	rVB2	32791	48766	1.37%	0.145%
42	9.339	649	652	654	rBV2	52791	104742	2.95%	0.311%
43	9.408	656	658	660	rVV	172689	165960	4.67%	0.493%
44	9.453	660	662	667	rVB5	46431	115676	3.25%	0.344%
45	9.545	667	670	672	rBV2	29187	61791	1.74%	0.184%
46	9.591	672	674	675	rBV	41749	41584	1.17%	0.124%
47	9.682	679	682	684	rVV	925876	990384	27.85%	2.943%
48	9.876	694	699	701	rBV3	37037	122307	3.44%	0.363%
49	9.911	701	702	704	rVB2	38084	47271	1.33%	0.140%
50	10.002	707	710	712	rBV2	120383	156084	4.39%	0.464%
51	10.105	717	719	721	rVB2	45881	51841	1.46%	0.154%
52	10.322	736	738	741	rVB2	32558	45544	1.28%	0.135%
53	10.471	748	751	755	rBV	2033430	2015991	56.70%	5.991%
54	10.539	755	757	759	rVV	110819	174410	4.91%	0.518%
55	10.596	759	762	765	rVB4	93748	186610	5.25%	0.555%
56	10.699	769	771	772	rBV2	31648	43723	1.23%	0.130%
57	10.802	777	780	782	rBV2	26125	51069	1.44%	0.152%
58	11.042	799	801	805	rVB2	52855	109205	3.07%	0.325%
59	11.156	809	811	814	rBV	1067002	926916	26.07%	2.755%
60	11.316	823	825	829	rBV4	31093	94598	2.66%	0.281%
61	11.465	836	838	844	rVB4	38094	64759	1.82%	0.192%
62	11.705	857	859	862	rBV3	101066	151160	4.25%	0.449%
63	11.762	862	864	865	rVV	72192	97837	2.75%	0.291%
64	11.785	865	866	869	rVV3	100954	173973	4.89%	0.517%
65	11.831	869	870	872	rVV2	65866	92059	2.59%	0.274%
66	11.888	872	875	880	rVV4	71511	220883	6.21%	0.656%
67	11.956	880	881	884	rVV2	75056	120846	3.40%	0.359%
68	12.002	884	885	887	rVB	41039	40319	1.13%	0.120%
69	12.116	893	895	899	rVB2	30669	56682	1.59%	0.168%
70	12.277	906	909	910	rBV2	35898	51915	1.46%	0.154%
71	12.448	921	924	925	rBV	154051	219224	6.17%	0.651%

LSC Area Percent Report

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Operator : UM/SJ
Sample : I1055-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.494	925	928	930	rVV2	30040	51722	1.45%	0.154%
73	12.631	938	940	944	rBV2	37308	47851	1.35%	0.142%
74	12.745	948	950	953	rVV	3008624	2844353	79.99%	8.453%
75	12.859	957	960	962	rBV2	34875	63921	1.80%	0.190%
76	12.962	967	969	973	rBV4	16278	48303	1.36%	0.144%
77	13.317	998	1000	1002	rBV2	47328	55082	1.55%	0.164%
78	13.534	1017	1019	1021	rBV	42614	56715	1.60%	0.169%
79	13.660	1028	1030	1032	rBV2	48039	76381	2.15%	0.227%
80	13.785	1039	1041	1044	rBV	437612	617014	17.35%	1.834%
81	13.934	1044	1054	1055	rVV9	29911	119253	3.35%	0.354%
82	15.168	1159	1162	1167	rVB	339093	479280	13.48%	1.424%

Sum of corrected areas: 33650733

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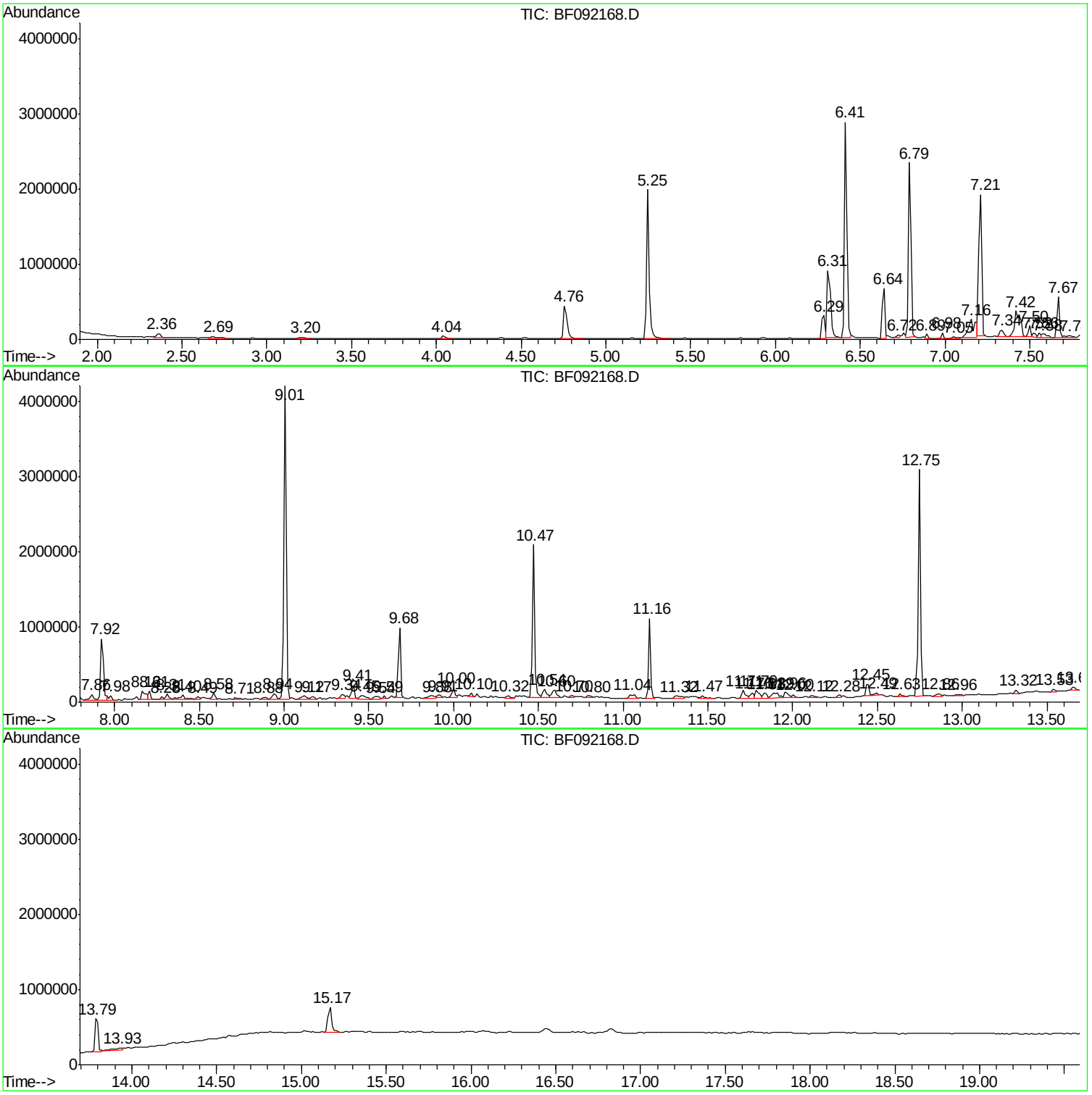
Operator : UM/SJ
Sample : I1055-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-49

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

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



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Data File : BF092168.D
Acq On : 10 Jan 2017 5:04
Operator : UM/SJ
Sample : I1055-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

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

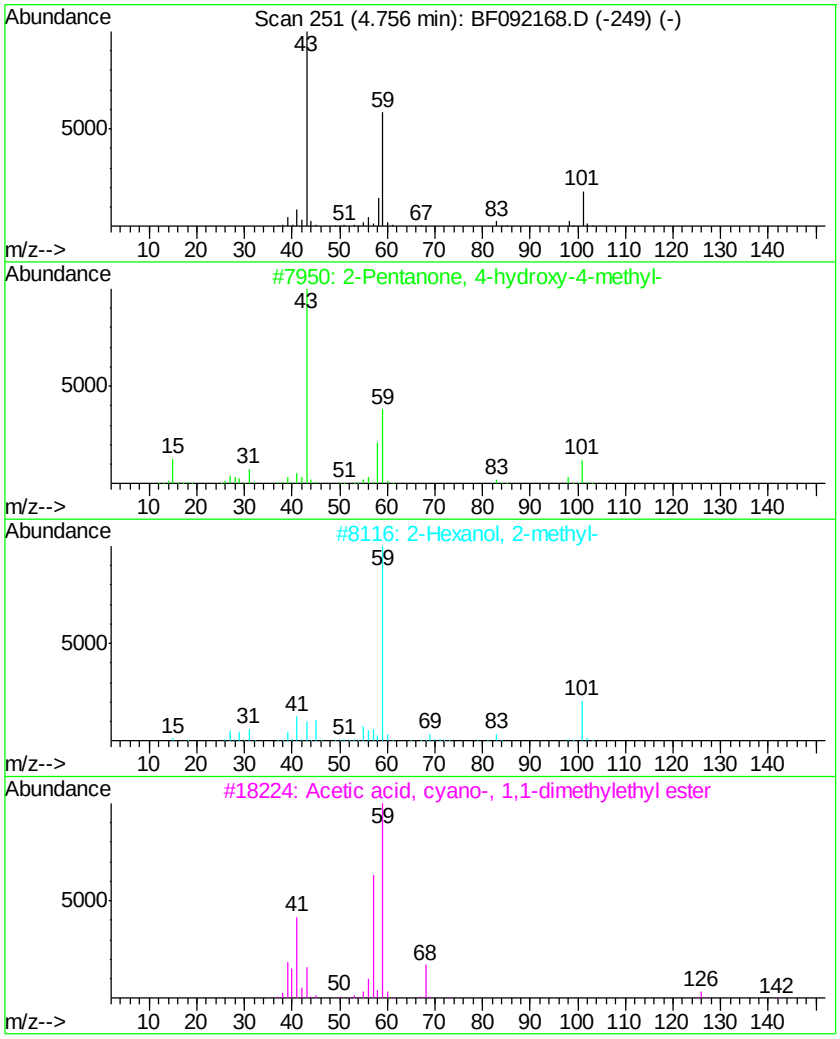
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

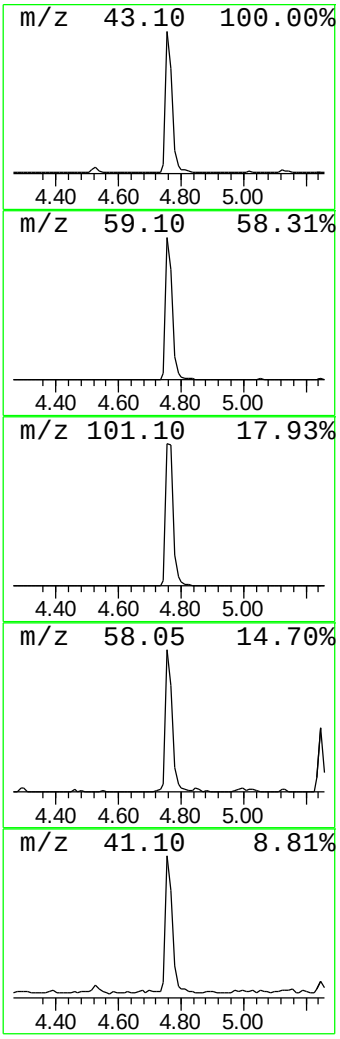
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	15.95 ng	636395	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Operator : UM/SJ
Sample : I1055-04
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

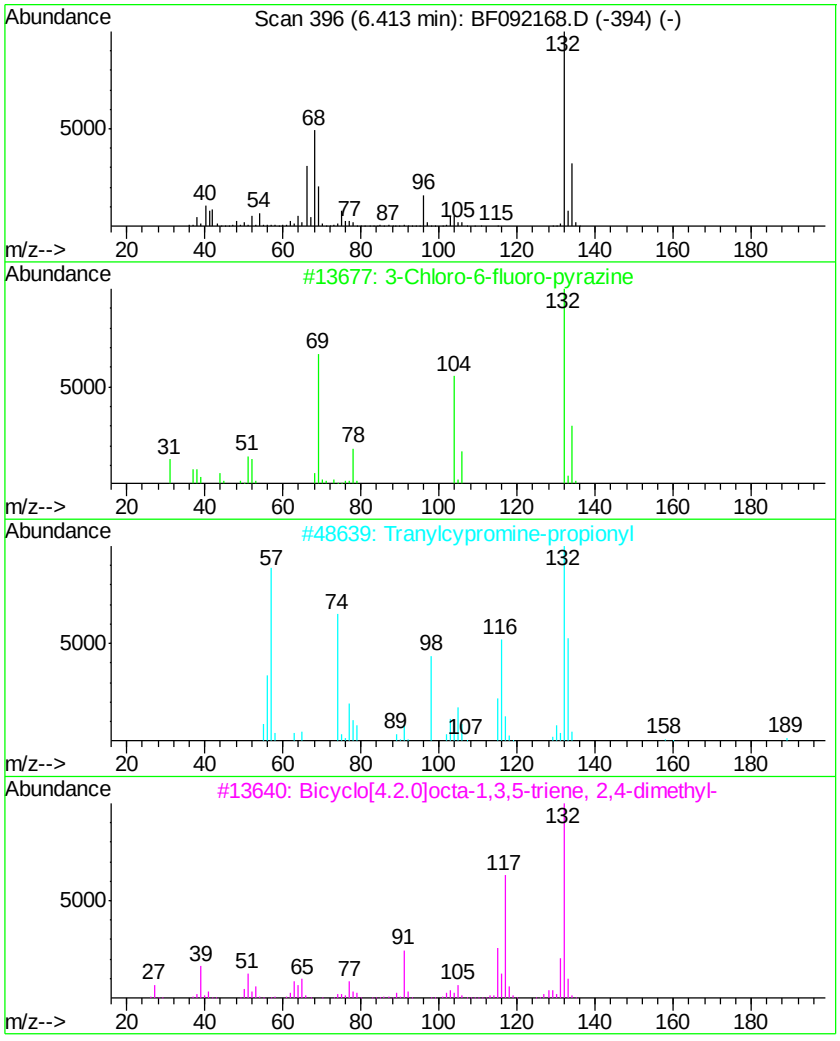
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

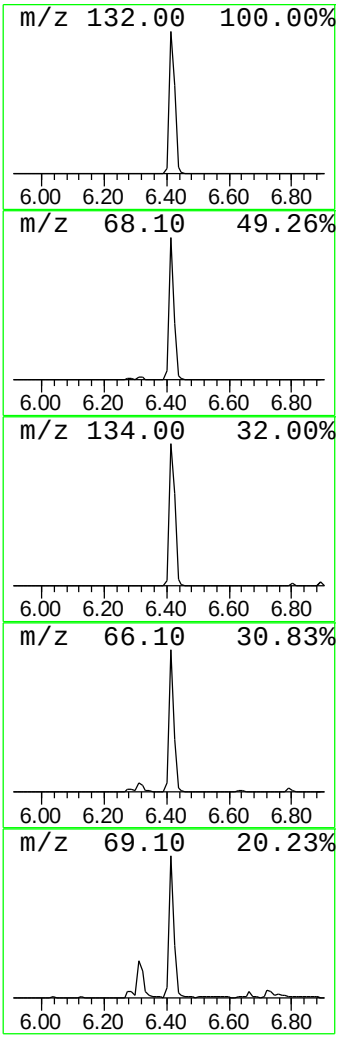
****

Peak Number 2 unknown6.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	78.42 ng	3129090	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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TIC Library : C:\DATABASE\NIST02.L
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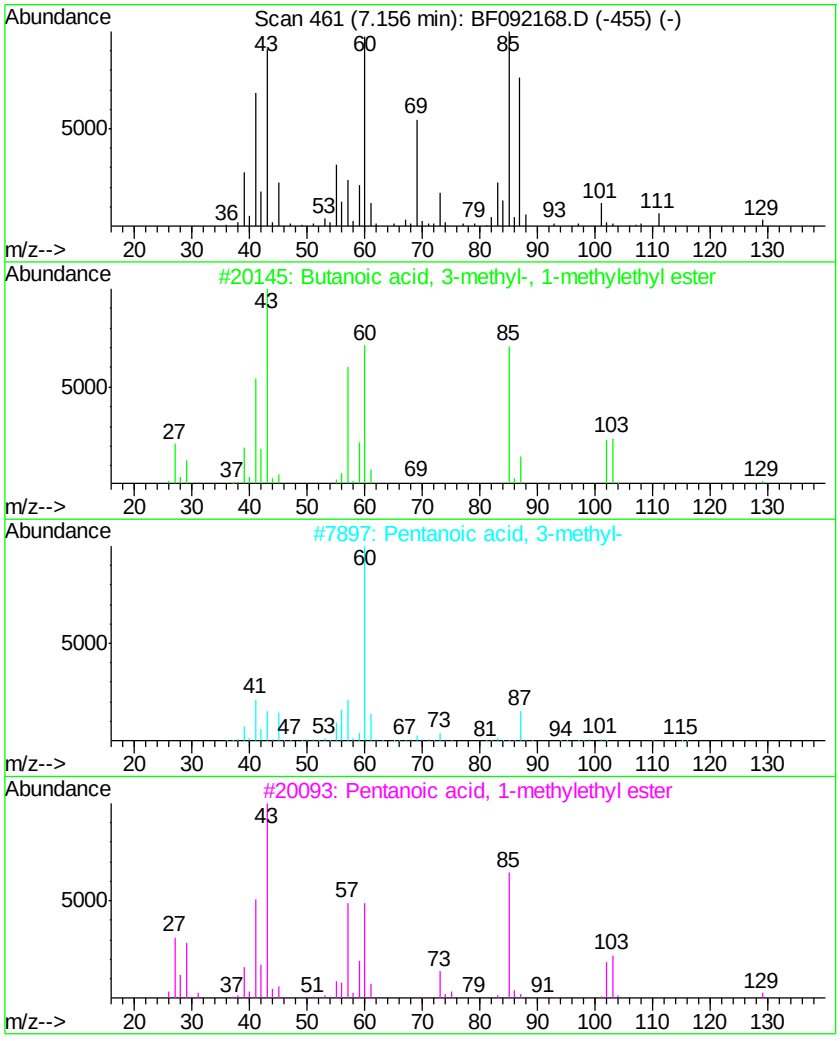
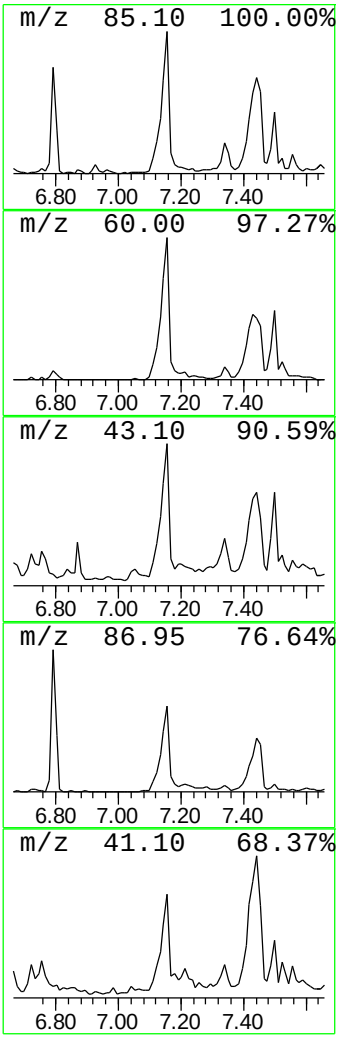
Peak Number 4 unknown7.16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	18.90 ng	753991	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	37
2	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	37
3	Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	35
4	1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	25
5	Methyl 4-O-methyl-d-arabinopyran...	178	C7H14O5	1000129-79-9	25





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Operator : UM/SJ
Sample : I1055-04
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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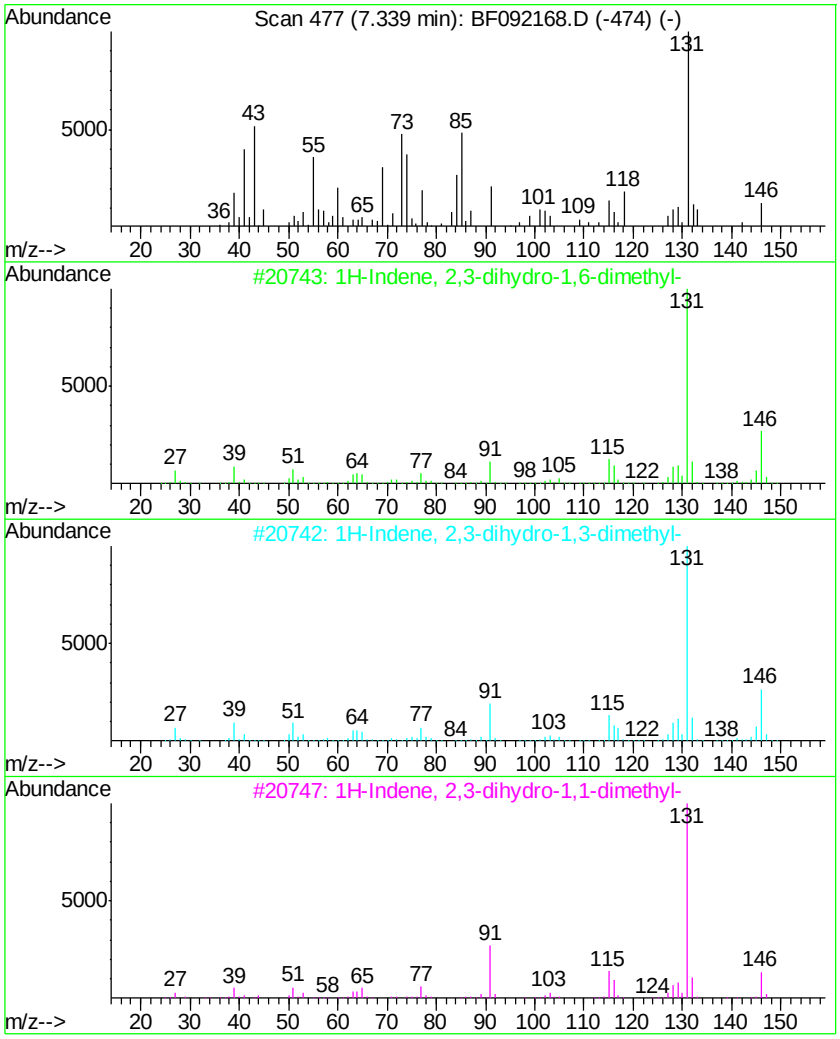
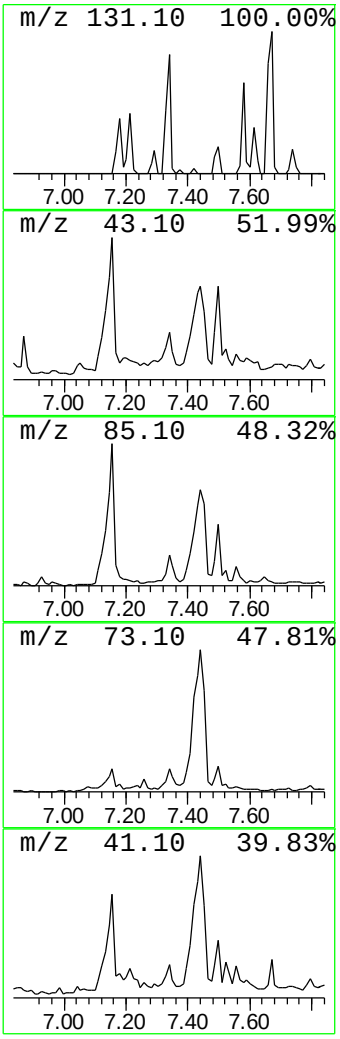
Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	3.06 ng	160251	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	55
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	49
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	43
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	43





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

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

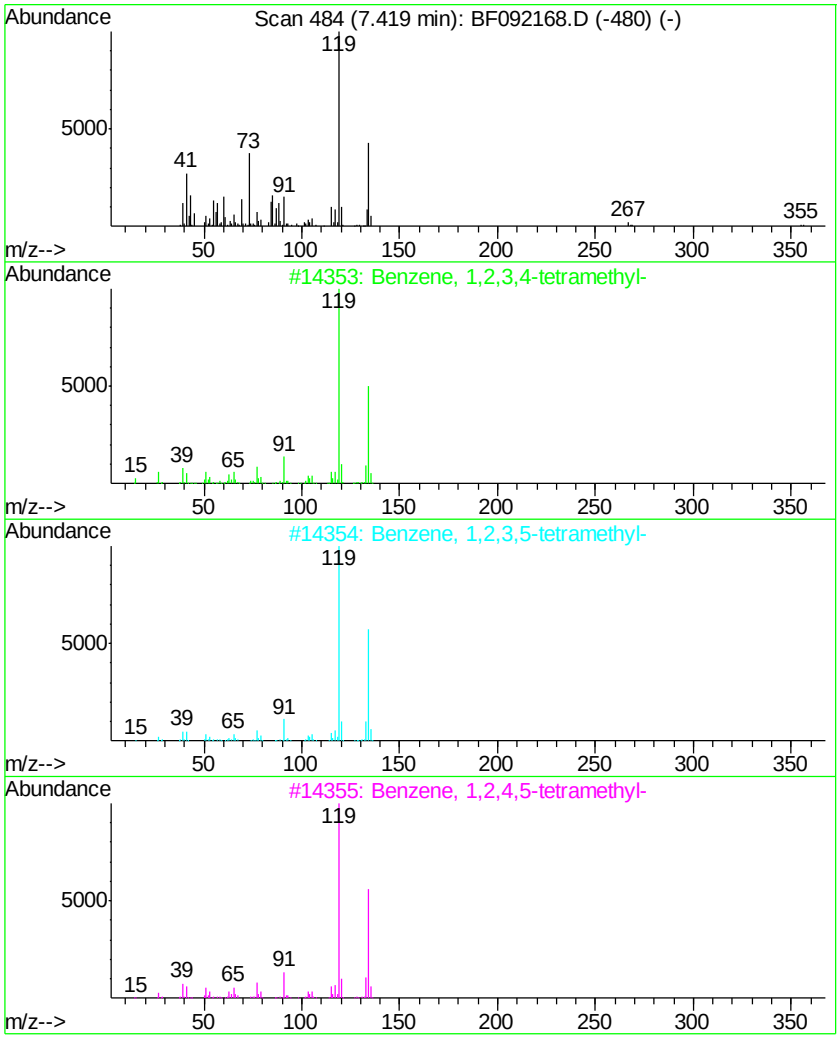
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

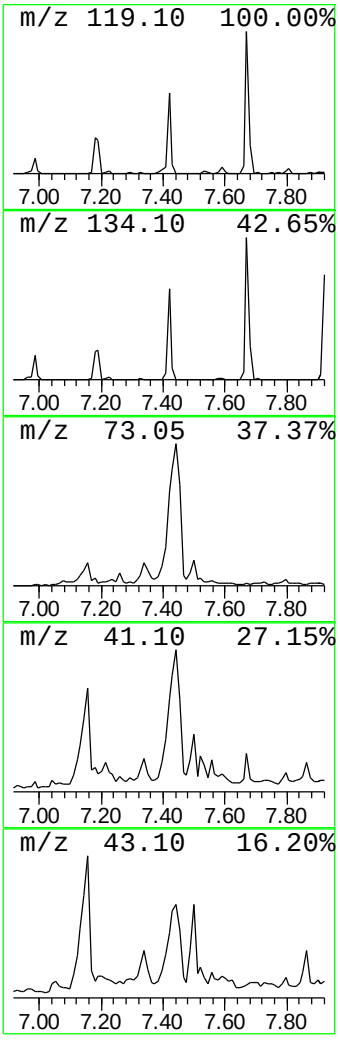
****

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	16.74 ng	877596	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	92
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	92
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





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Data File : BF092168.D
Acq On : 10 Jan 2017 5:04
Operator : UM/SJ
Sample : I1055-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

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

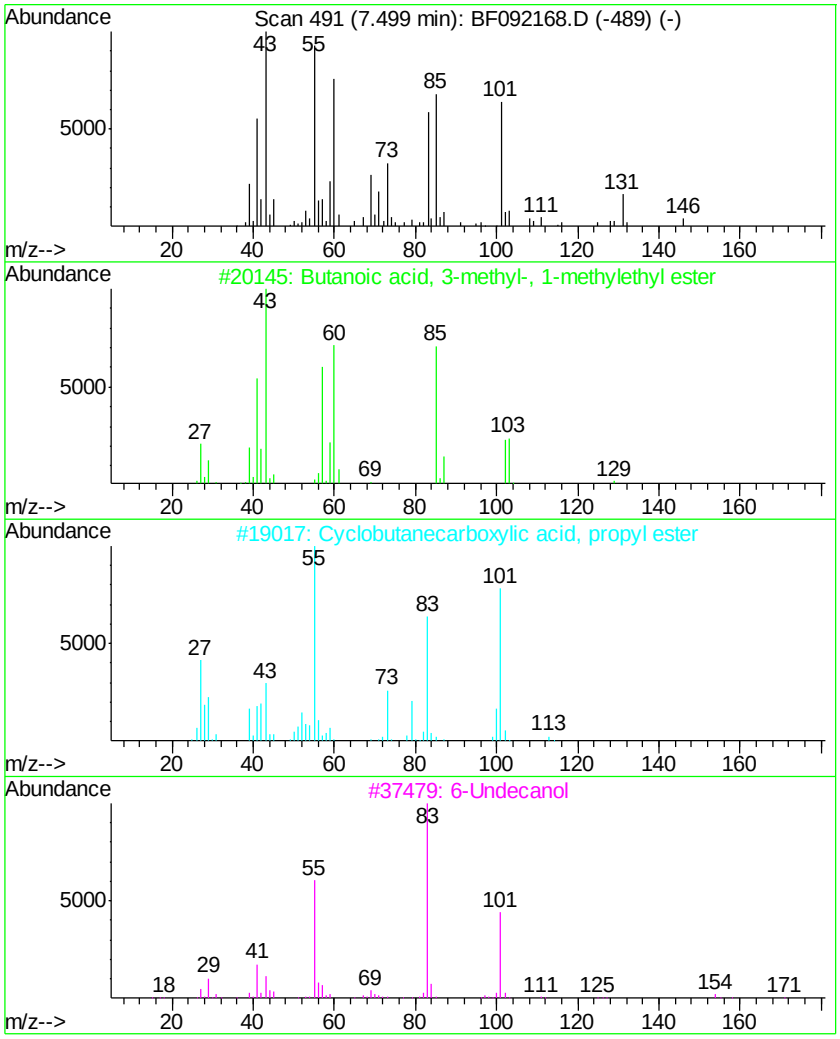
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

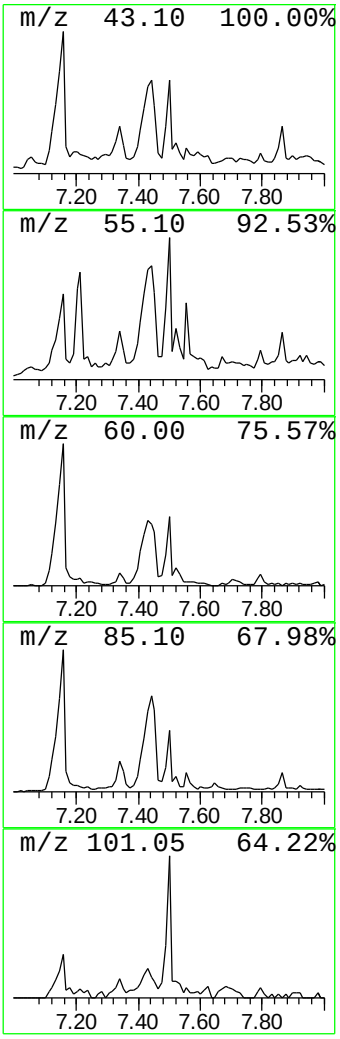
****

Peak Number 7 unknown7.50 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	2.93 ng	153445	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	38
2	Cyclobutanecarboxylic acid, prop...	142	C8H14O2	1000280-40-0	27
3	6-Undecanol	172	C11H24O	023708-56-7	22
4	Hexanoic acid	116	C6H12O2	000142-62-1	22
5	Cyclobutanecarboxylic acid, pent...	170	C10H18O2	1000280-40-2	22





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Operator : UM/SJ
Sample : I1055-04
Misc :
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ClientSampleId : W-49

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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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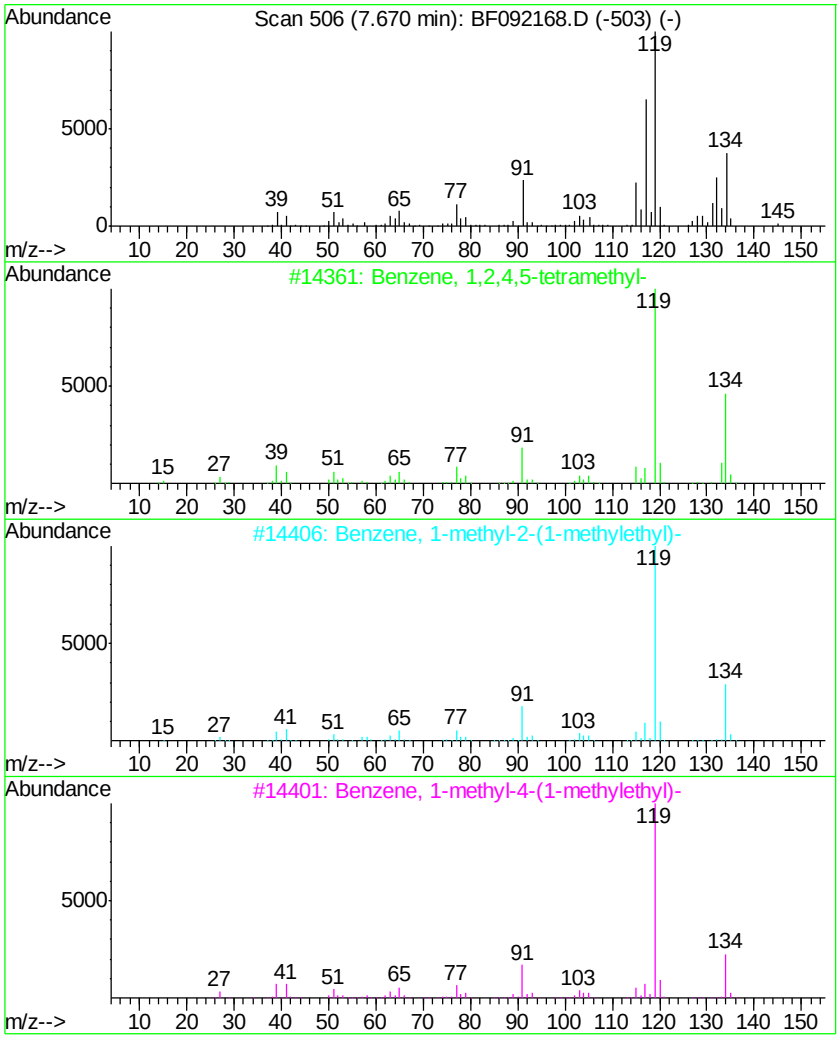
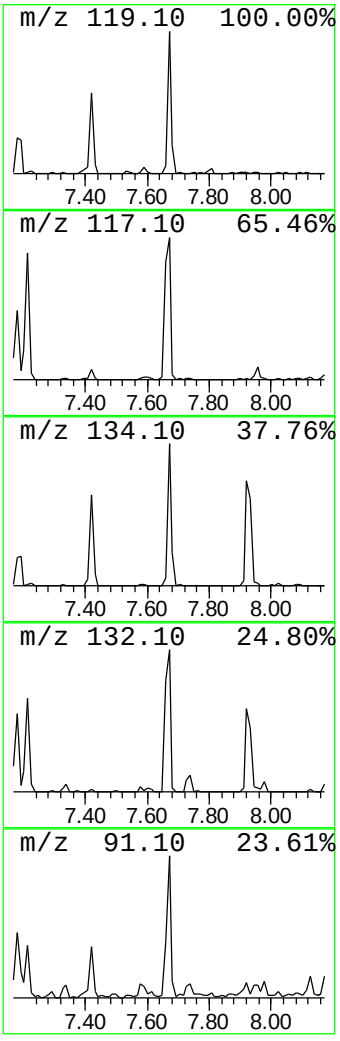
Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	11.22 ng	588353	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	55
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	53





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ClientSampleId : W-49

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

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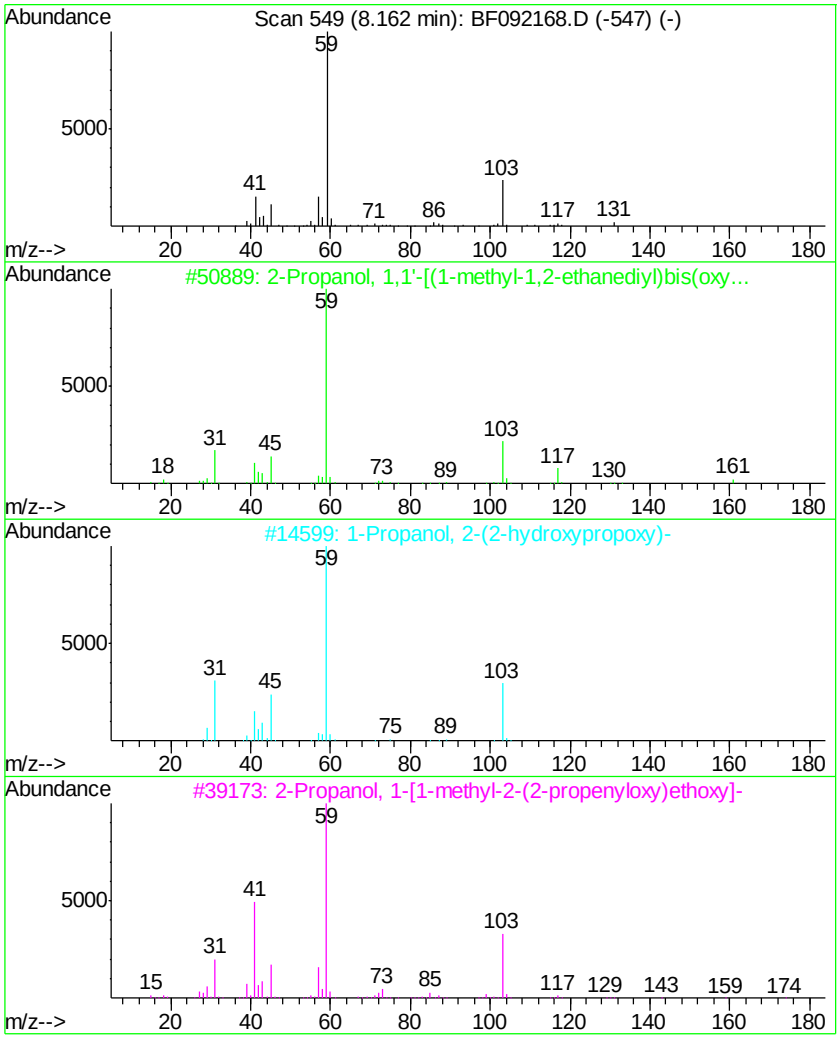
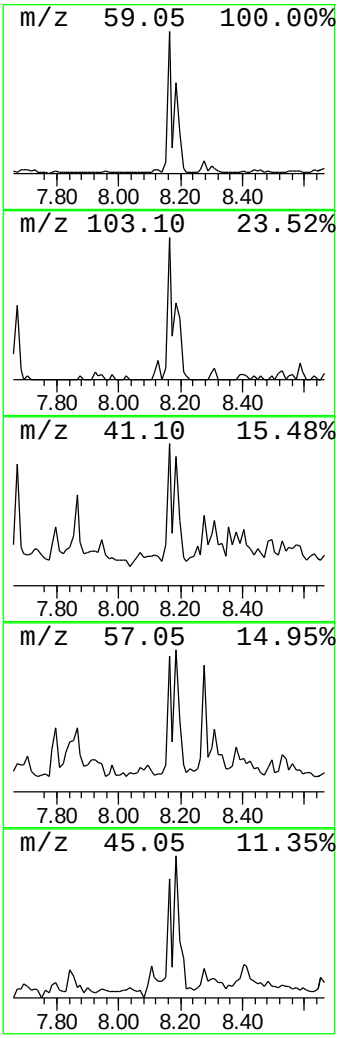
Peak Number 9 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	4.43 ng	232359	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	72
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
3	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	50
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	45
5	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	45





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Instrument : BNA_F
ClientSampleId : W-49

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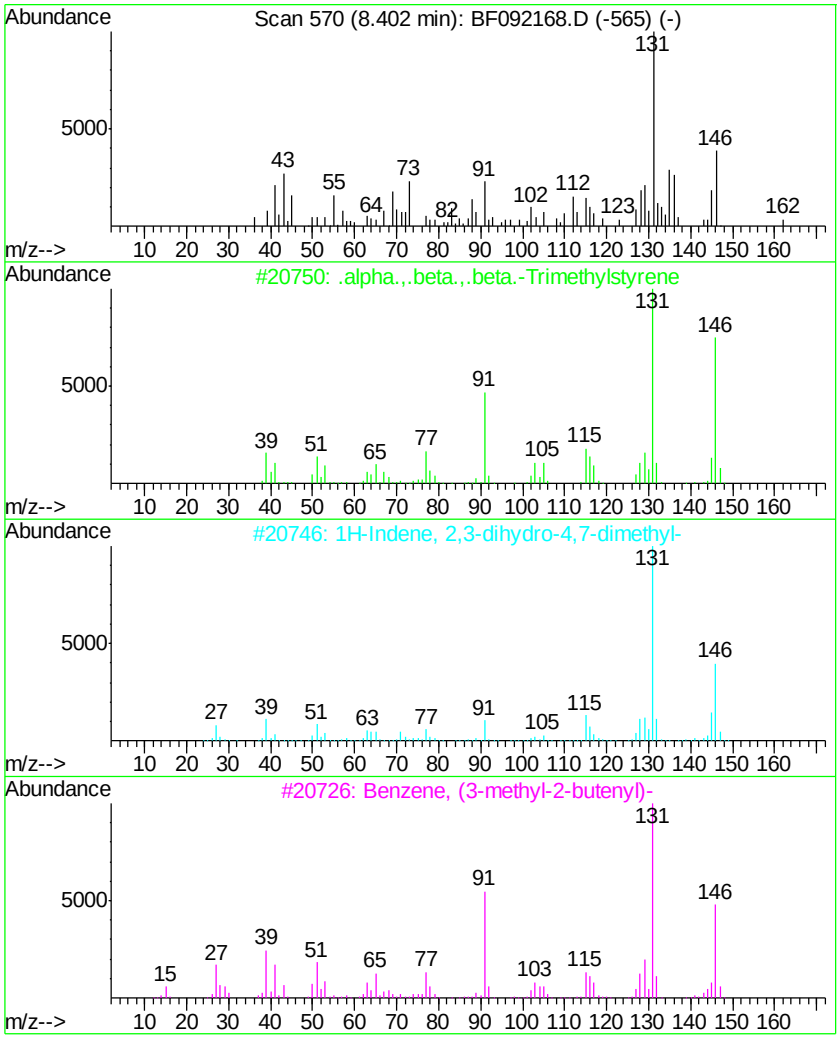
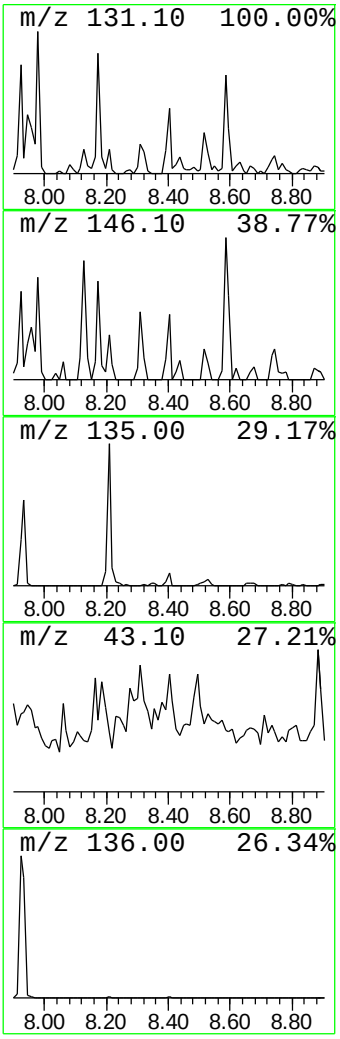
Peak Number 10 .alpha.,.beta.,.beta.-Trime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	3.07 ng	160841	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	64
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	62
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	60





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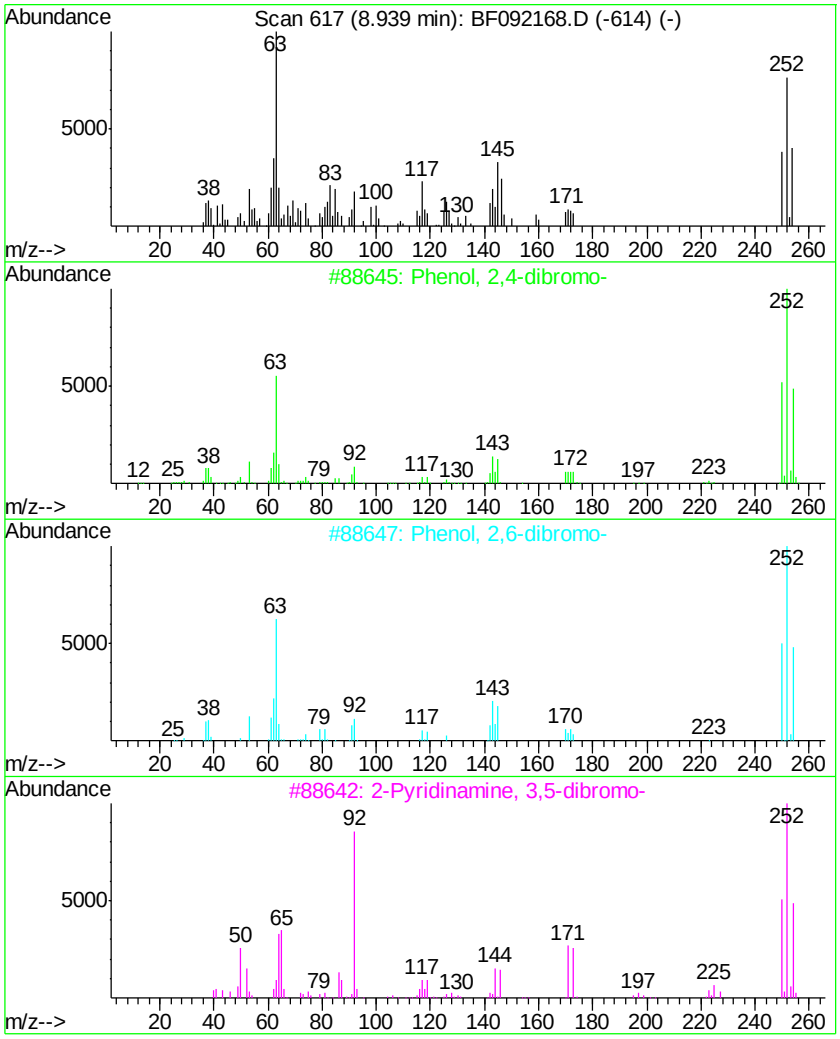
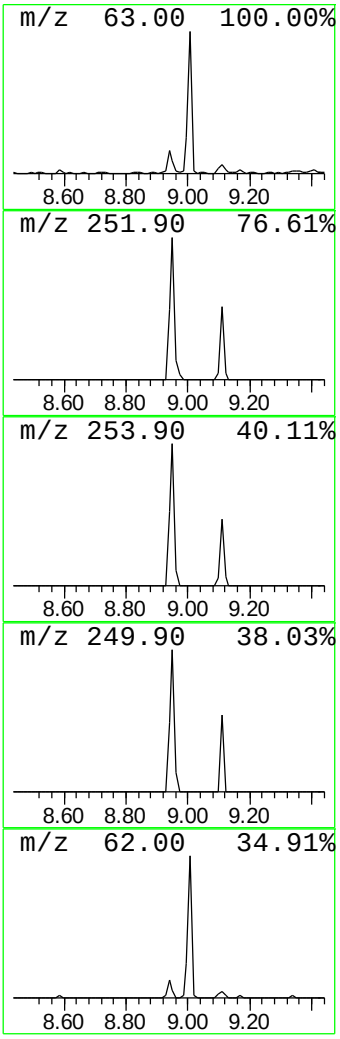
Peak Number 11 Phenol, 2,4-dibromo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	2.64 ng	130816	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dibromo-	250	C6H4Br2O	000615-58-7	98
2	Phenol, 2,6-dibromo-	250	C6H4Br2O	000608-33-3	95
3	2-Pyridinamine, 3,5-dibromo-	250	C5H4Br2N2	035486-42-1	44
4	1H-Benzotriazole, 5-nitro-	164	C6H4N4O2	002338-12-7	40
5	Clomesone	236	C4H9ClO5S2	088343-72-0	40





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ClientSampleId : W-49

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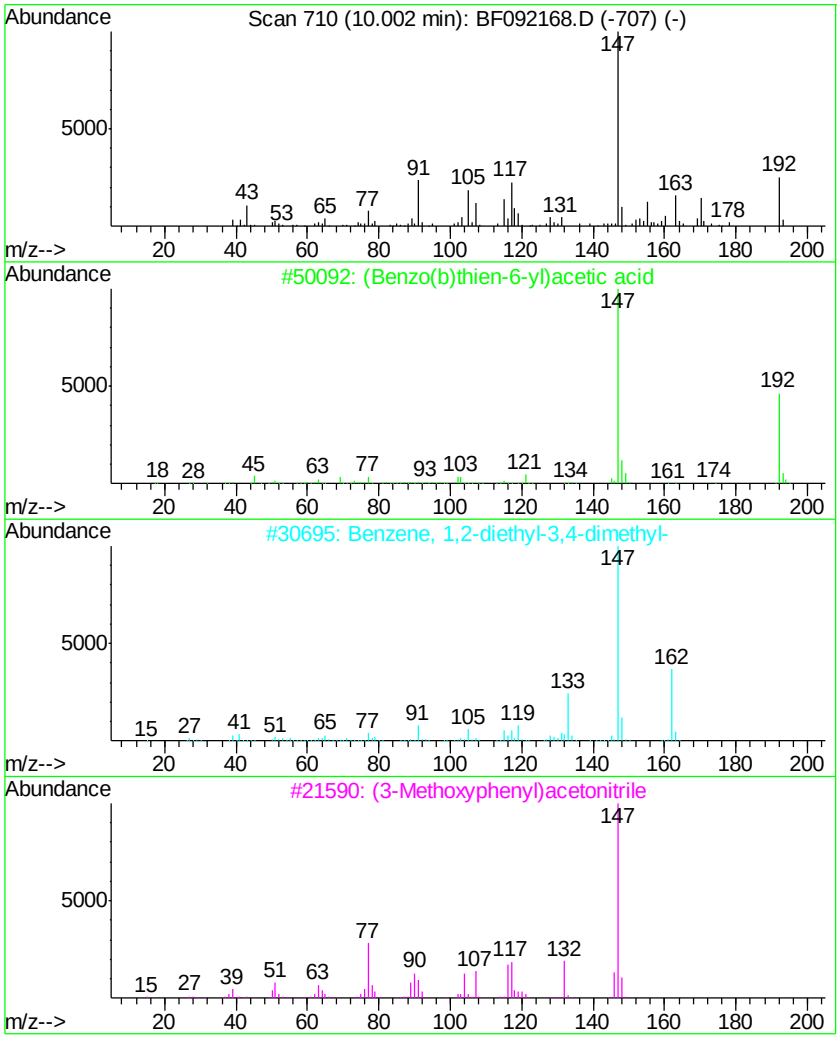
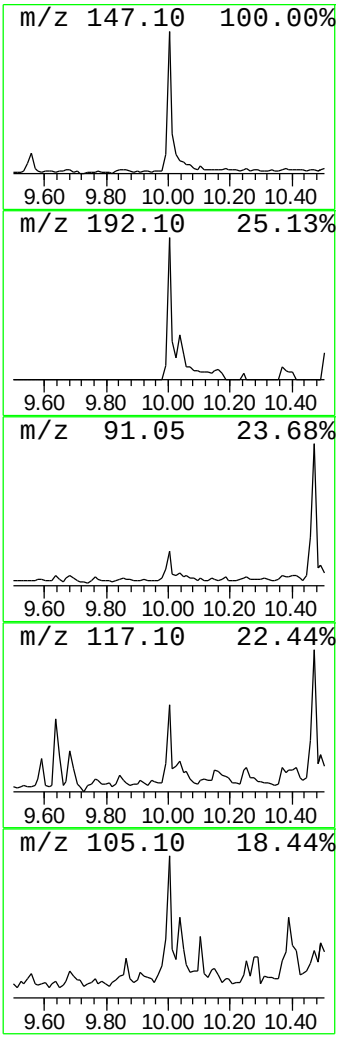
Peak Number 12 unknown10.00 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	3.15 ng	156084	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Benzo(b)thien-6-yl)acetic acid	192	C10H8O2S	006177-87-3	47
2	Benzene, 1,2-diethyl-3,4-dimethyl-	162	C12H18	054410-75-2	43
3	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	38
4	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	38
5	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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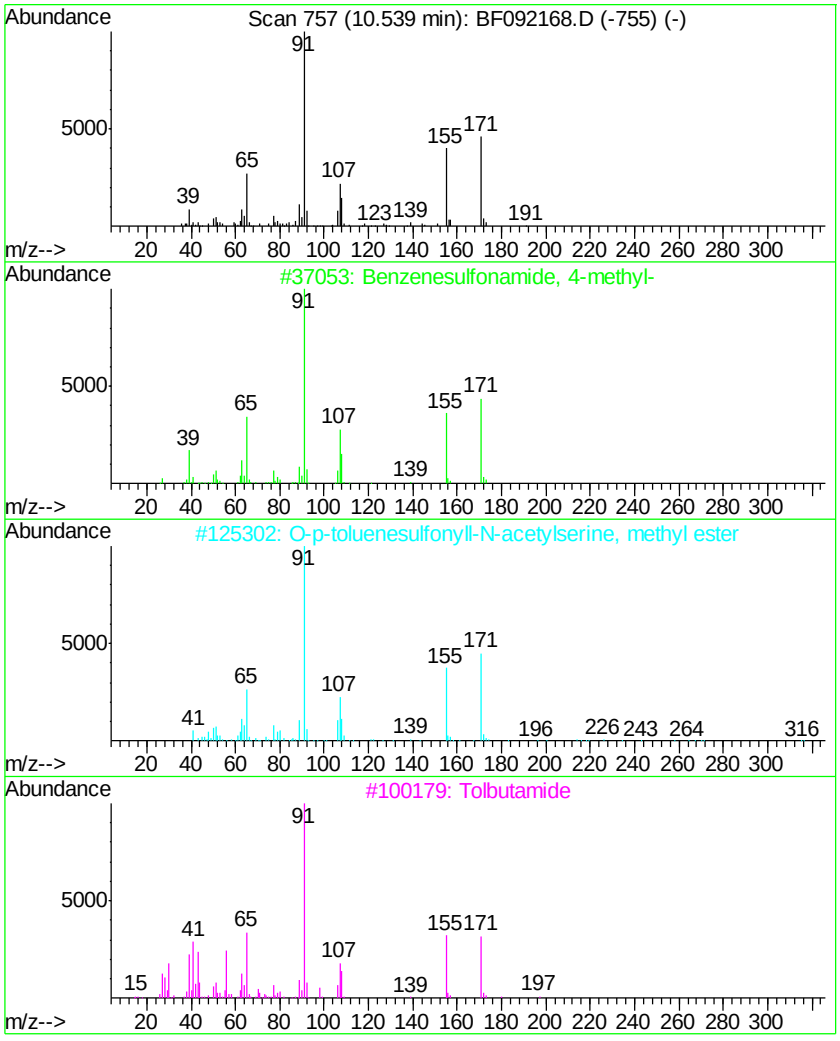
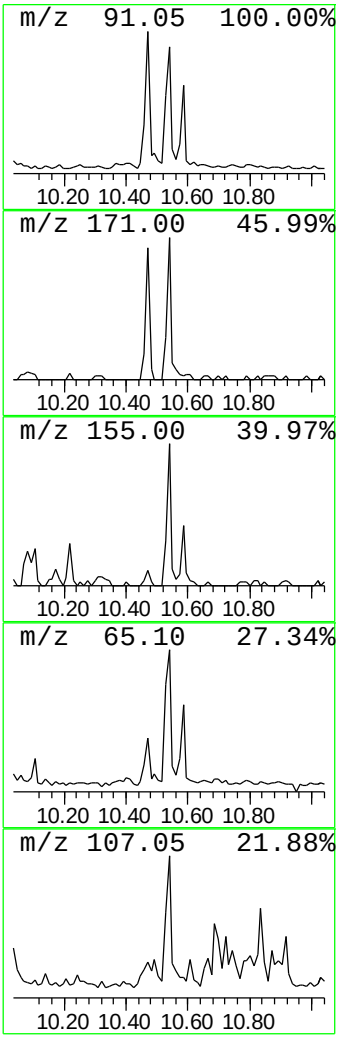
Peak Number 13 Benzenesulfonamide, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	3.76 ng	174410	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	96
2	O-p-toluenesulfonyll-N-acetylser...	315	C13H17NO6S	1000126-44-8	90
3	Tolbutamide	270	C12H18N2O3S	000064-77-7	47
4	1-Hydroxytricyclo[4.3.0.0(4,9)]n...	308	C16H20O4S	201992-83-8	43
5	4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	43





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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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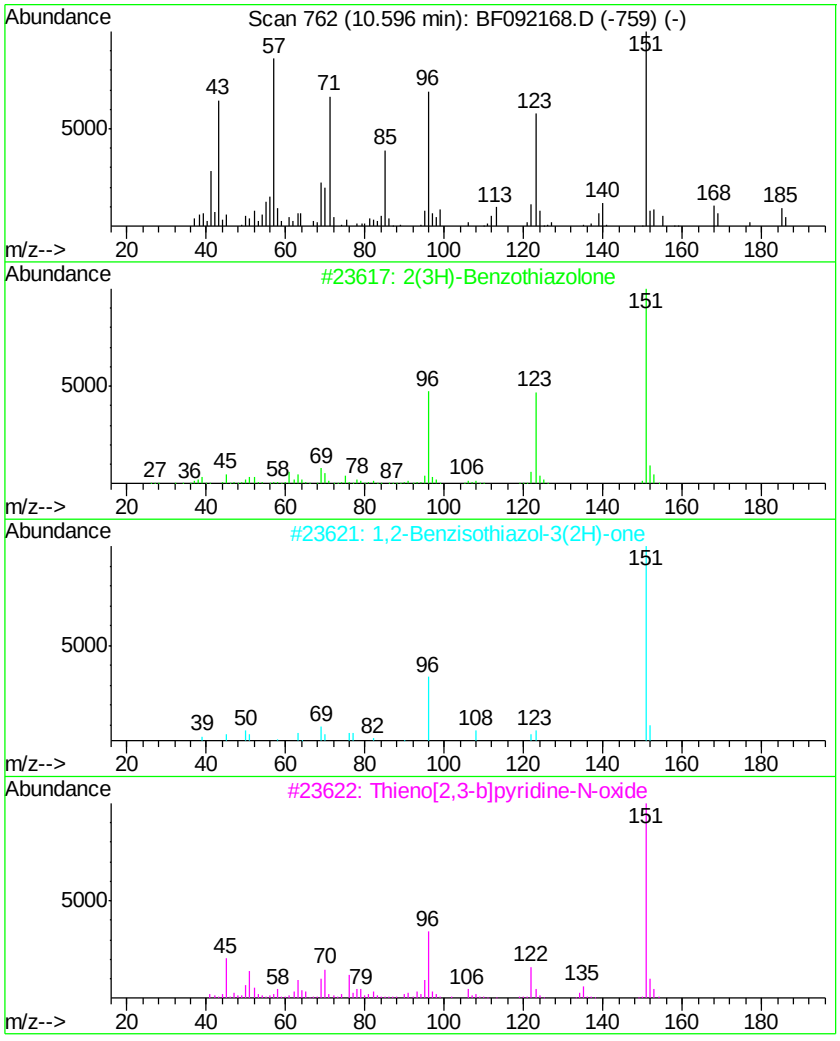
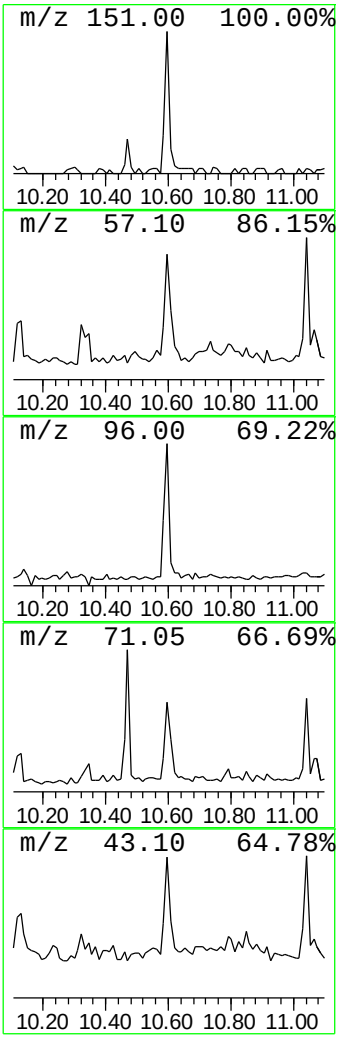
Peak Number 14 2(3H)-Benzothiazolone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	4.03 ng	186610	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	60
2	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	38
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	27
4	4-Methoxyformanilide	151	C8H9NO2	023896-88-0	14
5	2-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057351-75-4	14





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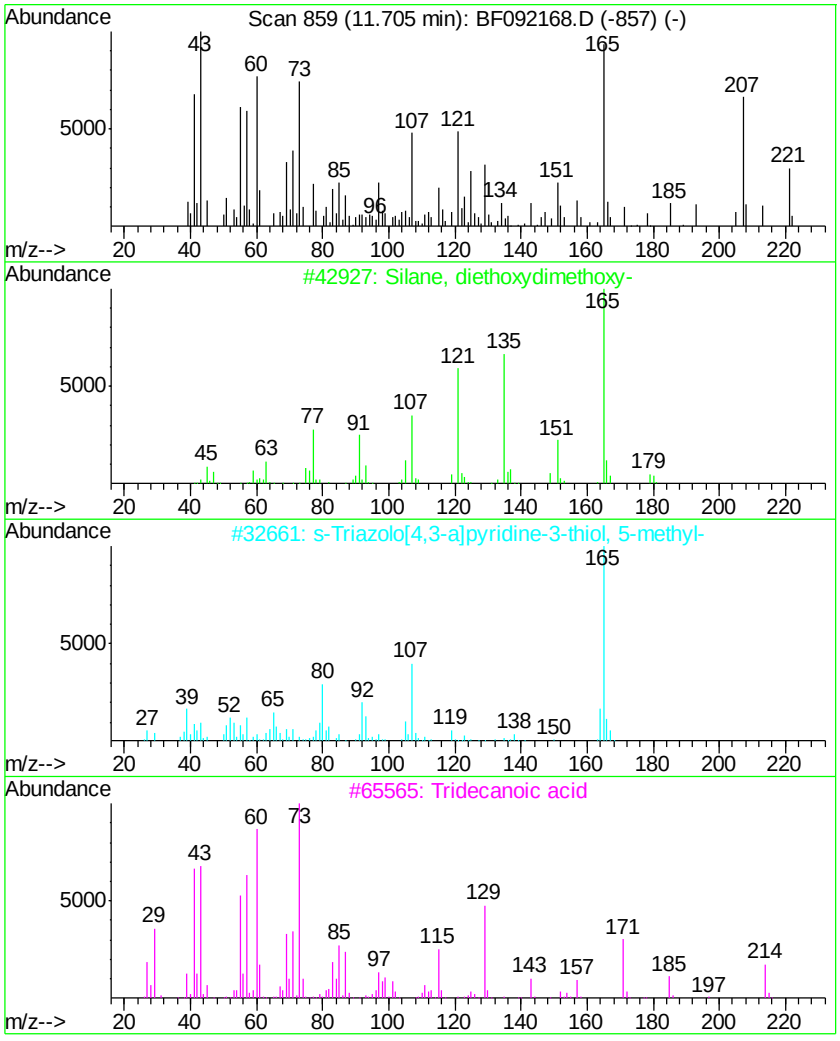
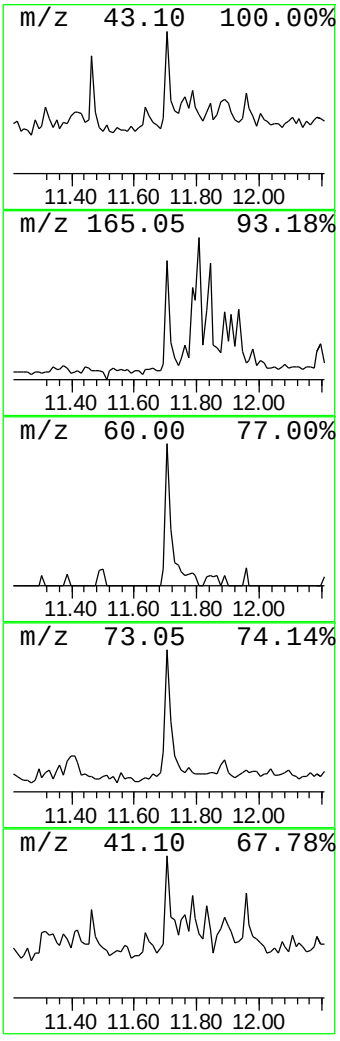
Peak Number 15 unknown11.71 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	3.26 ng	151160	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, diethoxydimethoxy-	180	C6H16O4Si	018143-78-7	22
2	s-Triazolo[4,3-a]pyridine-3-thio...	165	C7H7N3S	004926-22-1	22
3	Tridecanoic acid	214	C13H26O2	000638-53-9	18
4	3,4-Dihydroxy-1-O-tolyl-pyrrolid...	221	C11H11NO4	297763-90-7	14
5	n-Decanoic acid	172	C10H20O2	000334-48-5	14





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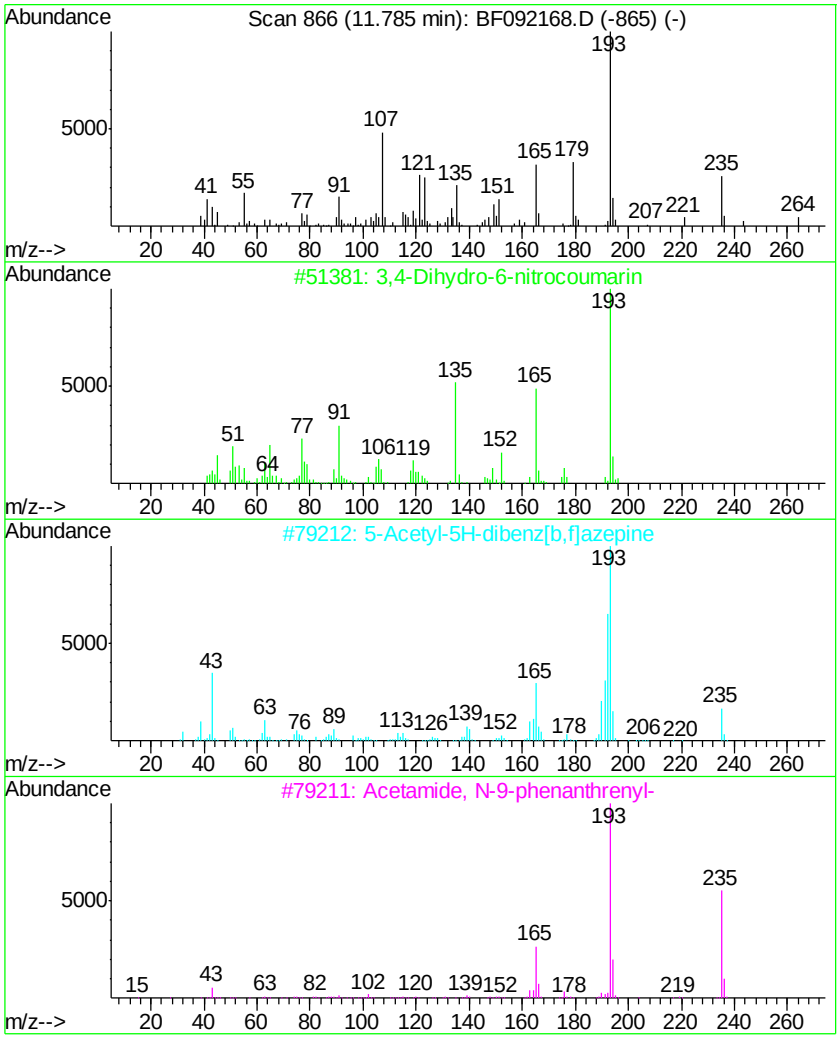
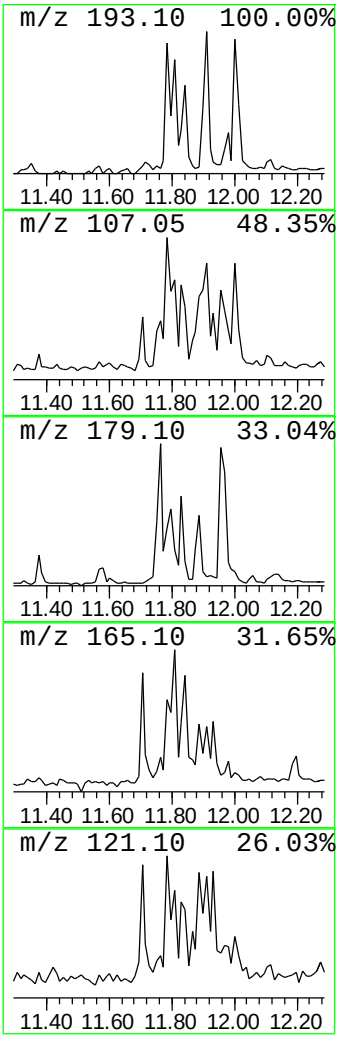
Peak Number 16 3,4-Dihydro-6-nitrocoumarin Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.75 ng	173973	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-6-nitrocoumarin	193	C9H7NO4	020920-99-4	55
2	5-Acetyl-5H-dibenz[b,f]azepine	235	C16H13NO	019209-60-0	43
3	Acetamide, N-9-phenanthrenyl-	235	C16H13NO	004235-09-0	43
4	2-Anthracenamine	193	C14H11N	000613-13-8	38
5	Quinolin-2(1H)-one, 3-butyl-6-fl...	235	C13H14FNO2	279691-75-7	38





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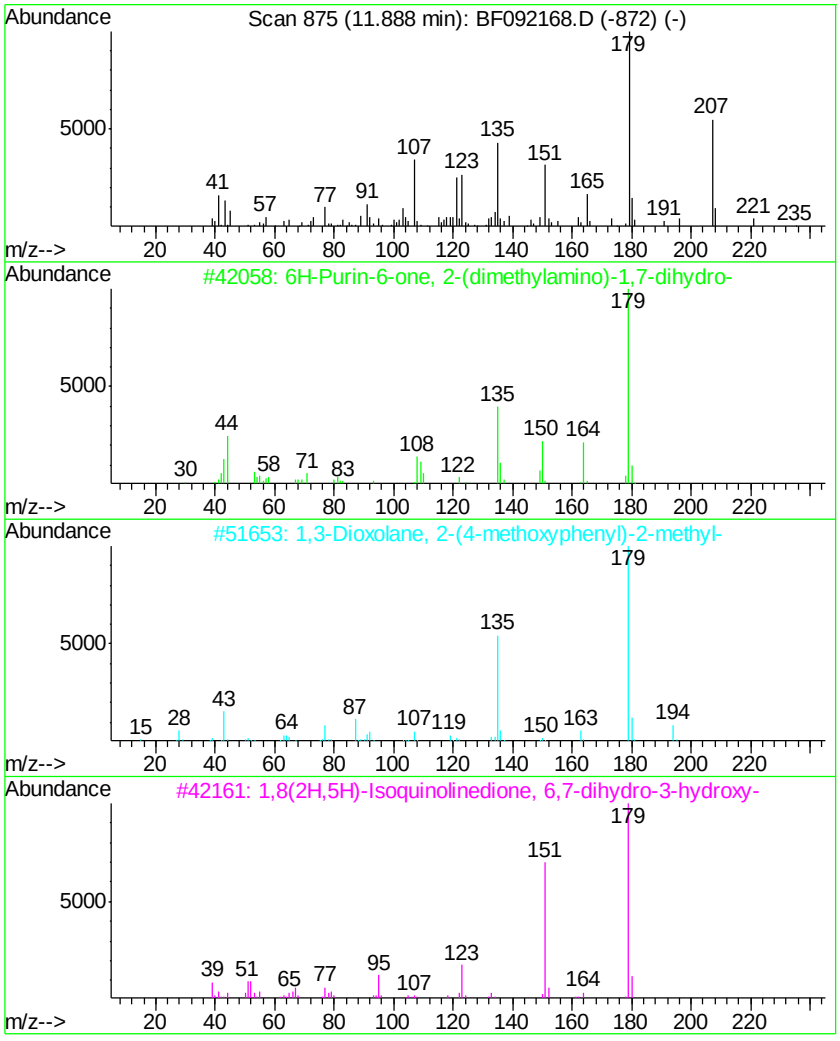
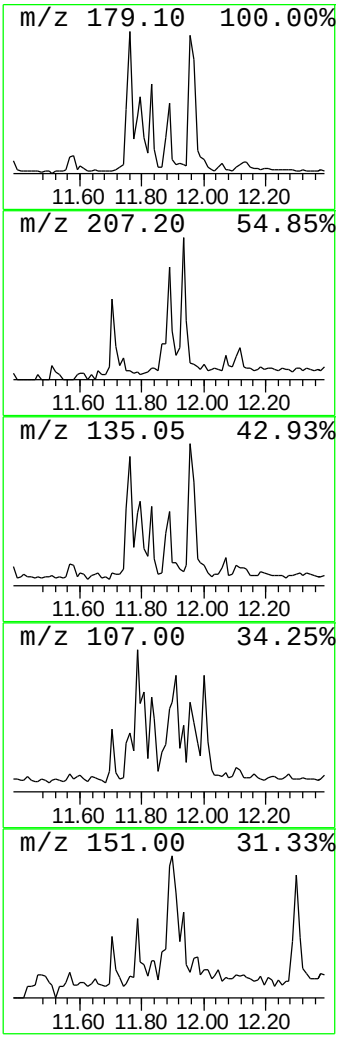
Peak Number 17 unknown11.89 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.77 ng	220883	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Purin-6-one, 2-(dimethylamino...	179	C7H9N5O	001445-15-4	38
2	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	38
3	1,8(2H,5H)-Isoquinolinedione, 6,...	179	C9H9NO3	037704-54-4	38
4	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	30
5	Silanol, (1,1-dimethylethyl)dime...	236	C13H20O2Si	075732-41-1	27





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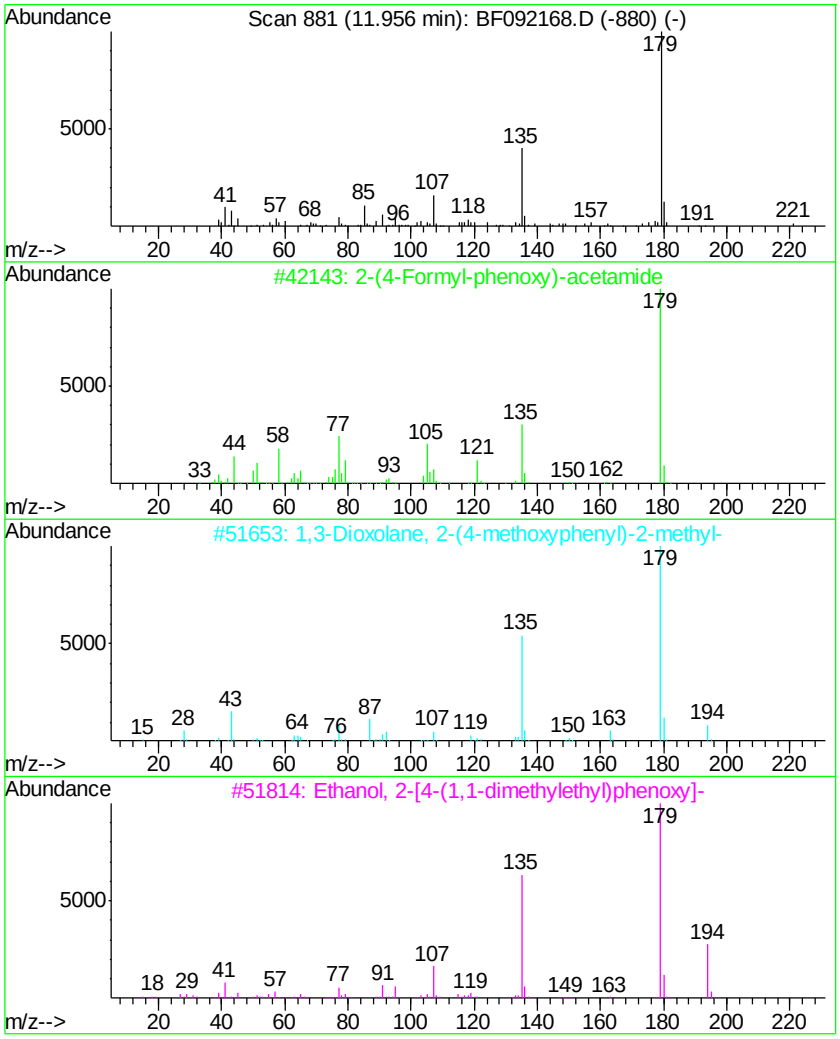
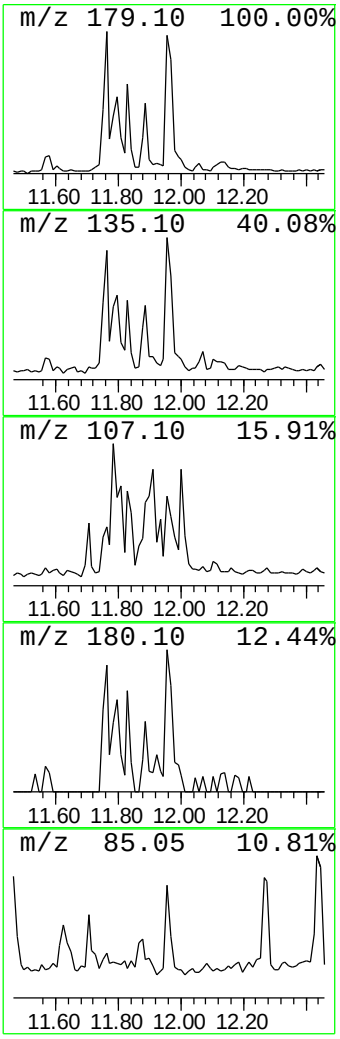
Peak Number 18 2-(4-Formyl-phenoxy)-acetamide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.61 ng	120846	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	50
2	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	50
3	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	50
4	4,2-Cresotic acid, 6-methoxy-, b...	538	C29H30O10	019314-74-0	47
5	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	38





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ClientSampleId : W-49

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

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

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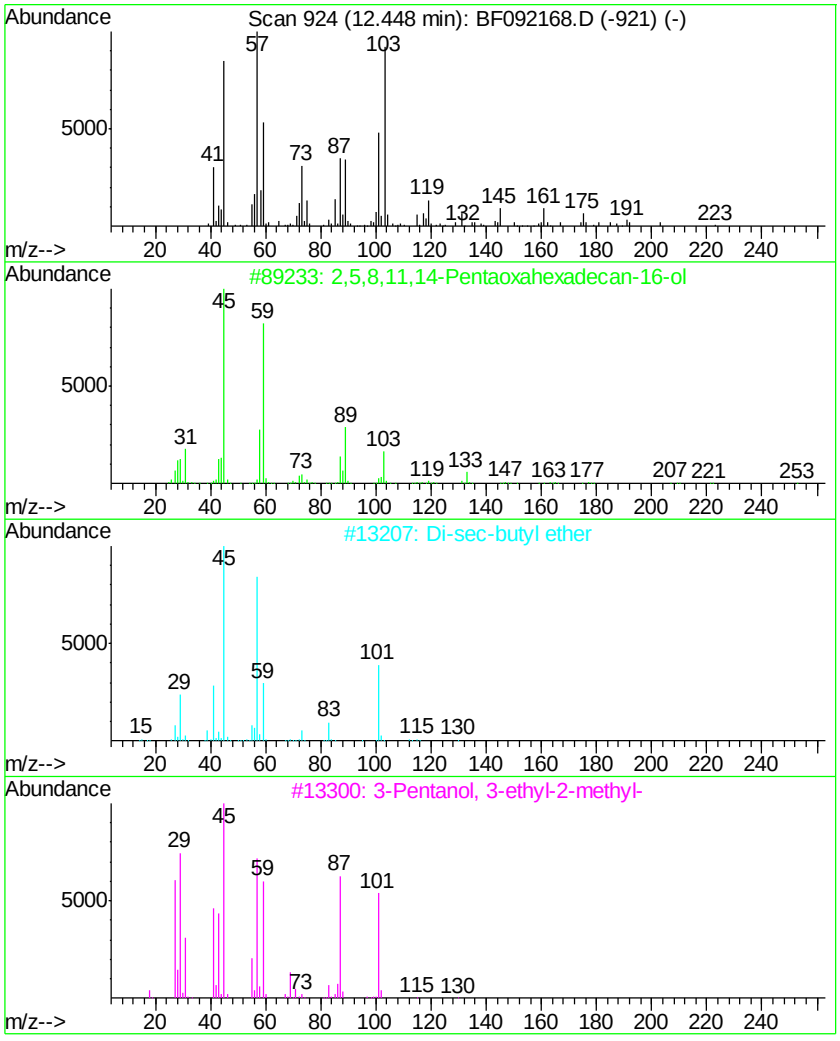
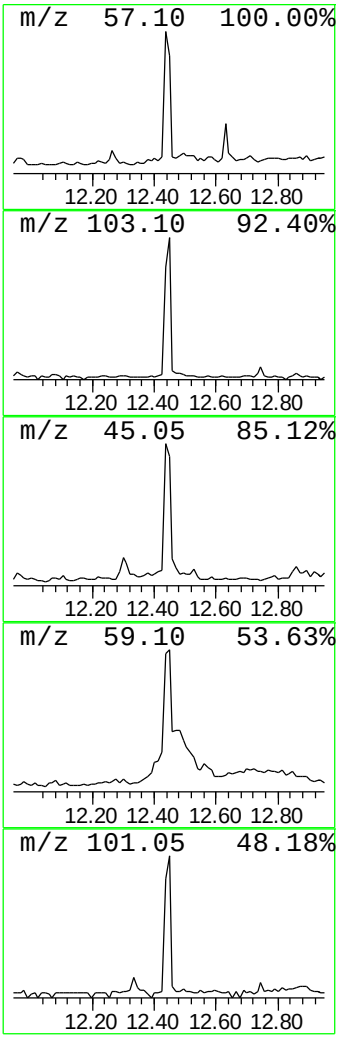
Peak Number 19 unknown12.45 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.73 ng	219224	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	35
2	Di-sec-butyl ether	130	C8H18O	006863-58-7	32
3	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	32
4	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	27
5	2-[4-(Methoxymethoxymethyl)cyclo...	214	C12H22O3	1000192-12-2	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092168.D
Acq On : 10 Jan 2017 5:04
Operator : UM/SJ
Sample : I1055-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

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

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

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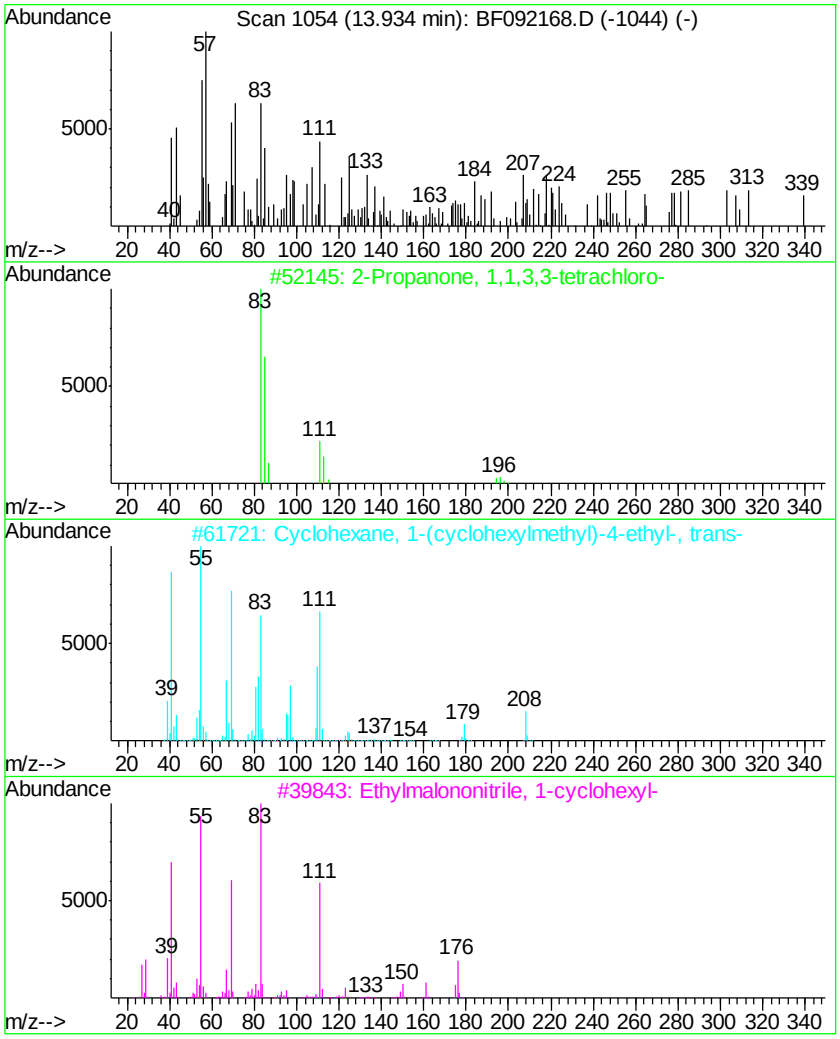
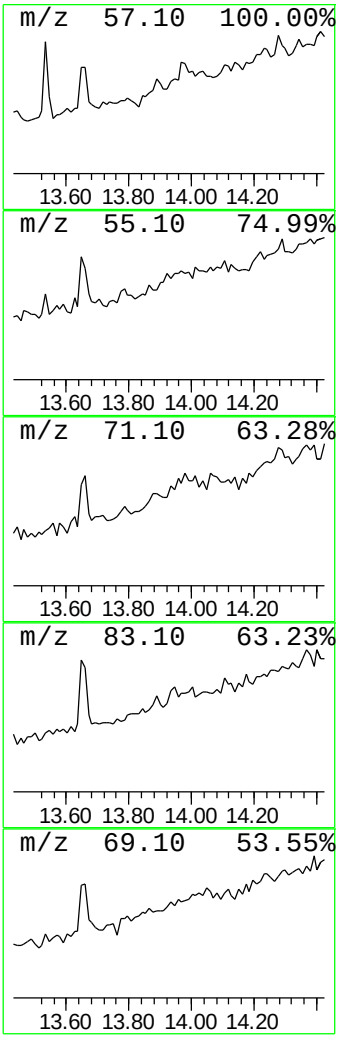
Peak Number 20 unknown13.93 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.87 ng	119253	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,3,3-tetrachloro-	194	C3H2Cl4O	000632-21-3	27
2	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-94-0	15
3	Ethylmalononitrile, 1-cyclohexyl-	176	C11H16N2	344407-93-8	15
4	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	15
5	n-Pentyl n-hexyl disulfide	220	C11H24S2	093305-73-8	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092168.D
Acq On : 10 Jan 2017 5:04
Operator : UM/SJ
Sample : I1055-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-49

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.76	15.9	ng	636395	1	6.64	798039	20.0
unknown6.41	6.41	78.4	ng	3129090	1	6.64	798039	20.0
unknown7.16	7.16	18.9	ng	753991	1	6.64	798039	20.0
1H-Indene, 2,3-di...	7.34	3.1	ng	160251	2	7.92	1048460	20.0
Benzene, 1,2,3,4-...	7.42	16.7	ng	877596	2	7.92	1048460	20.0
unknown7.50	7.50	2.9	ng	153445	2	7.92	1048460	20.0
Benzene, 1,2,4,5-...	7.67	11.2	ng	588353	2	7.92	1048460	20.0
2-Propanol, 1,1'-...	8.16	4.4	ng	232359	2	7.92	1048460	20.0
.alpha.,.beta.,.b...	8.40	3.1	ng	160841	2	7.92	1048460	20.0
Phenol, 2,4-dibromo-	8.94	2.6	ng	130816	3	9.68	990384	20.0
unknown10.00	10.00	3.1	ng	156084	3	9.68	990384	20.0
Benzenesulfonamid...	10.54	3.8	ng	174410	4	11.16	926916	20.0
2(3H)-Benzothiazo...	10.60	4.0	ng	186610	4	11.16	926916	20.0
unknown11.71	11.71	3.3	ng	151160	4	11.16	926916	20.0
3,4-Dihydro-6-nit...	11.79	3.8	ng	173973	4	11.16	926916	20.0
unknown11.89	11.89	4.8	ng	220883	4	11.16	926916	20.0
2-(4-Formyl-pheno...	11.96	2.6	ng	120846	4	11.16	926916	20.0
unknown12.45	12.45	4.7	ng	219224	4	11.16	926916	20.0
unknown13.93	13.93	3.9	ng	119253	5	13.80	617014	20.0