LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092894.D
Acq On : 10 Feb 2017 20:23
Operator : SJ/MA
Sample : I1772-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

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	5.058	258	260	263	rBV	514564	656611	3.27%	0.651%
2	5.493	295	298	301	rBV	1875924	2111963	10.51%	2.093%
3	5.584	305	306	312	rBV2	228640	270123	1.34%	0.268%
4	6.053	344	347	349	rBV	598079	715318	3.56%	0.709%
5	6.133	349	354	360	rVB	198433	470063	2.34%	0.466%
6	6.533	387	389	394	rVB	1319153	1678574	8.35%	1.663%
7	6.670	398	401	403	rBV	2868620	3915827	19.48%	3.880%
8	6.899	419	421	423	rBV	797467	999699	4.97%	0.991%
9	7.047	432	434	439	rVB2	2588086	4175681	20.77%	4.138%
10	7.470	465	471	473	rBV	2893628	3851005	19.16%	3.816%
11	7.584	479	481	486	rVV4	190651	284772	1.42%	0.282%
12	7.664	486	488	490	rVV2	120926	207953	1.03%	0.206%
13	7.847	501	504	508	rVB3	272791	628131	3.12%	0.622%
14	7.916	508	510	514	rBV2	857755	1244291	6.19%	1.233%
15	7.973	514	515	520	rVB2	266320	318317	1.58%	0.315%
16	8.202	526	535	538	rBV2	1634243	4114487	20.47%	4.077%
17	8.282	541	542	546	rVV3	118548	233510	1.16%	0.231%
18	8.362	546	549	552	rVB3	204218	519601	2.58%	0.515%
19	8.419	552	554	555	rBV	259944	246279	1.23%	0.244%
20	8.465	555	558	559	rVB2	239083	293083	1.46%	0.290%
21	8.545	563	565	566	rBV	160912	253629	1.26%	0.251%
22	8.567	566	567	569	rVB	312468	228674	1.14%	0.227%
23	8.647	569	574	576	rBV2	354950	643605	3.20%	0.638%
24	8.773	580	585	587	rBV2	328712	572691	2.85%	0.568%
25	8.853	587	592	595	rBV4	326615	864526	4.30%	0.857%
26	9.002	602	605	606	rVB	2067430	2765643	13.76%	2.741%
27	9.036	606	608	610	rBV3	169198	327404	1.63%	0.324%
28	9.139	615	617	618	rVV2	161880	248166	1.23%	0.246%
29	9.265	625	628	630	rVV	3728347	5740719	28.56%	5.689%
30	9.299	630	631	634	rVV3	155738	291296	1.45%	0.289%
31	9.436	636	643	644	rVV	6975513	20102542	100.00%	19.921%
32	9.470	644	646	648	rVV	5475091	5883044	29.27%	5.830%
33	9.527	648	651	655	rVV6	272809	677350	3.37%	0.671%
34	9.596	655	657	661	rVV2	448326	783616	3.90%	0.777%

LSC Area Percent Report

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Acq On : 10 Feb 2017 20:23
Operator : SJ/MA
Sample : I1772-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

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

35	9.710	666	667	669	rVV	220673	248851	1.24%	0.247%
36	9.870	676	681	683	rBV3	178112	431119	2.14%	0.427%
37	9.939	683	687	688	rVV	1710797	1739174	8.65%	1.723%
38	9.973	688	690	691	rVV	438050	568029	2.83%	0.563%
39	10.145	701	705	706	rBV	227591	322984	1.61%	0.320%
40	10.350	721	723	726	rBV2	541685	950153	4.73%	0.942%
41	10.408	726	728	731	rVV2	222424	291370	1.45%	0.289%
42	10.476	731	734	736	rVB4	190732	311333	1.55%	0.309%
43	10.728	753	756	759	rVB	2565266	2873195	14.29%	2.847%
44	11.059	783	785	787	rVV	939877	933266	4.64%	0.925%
45	11.105	787	789	791	rVV2	135812	209343	1.04%	0.207%
46	11.288	803	805	808	rVV2	511349	693068	3.45%	0.687%
47	11.425	814	817	818	rVV	1484234	1727633	8.59%	1.712%
48	11.459	818	820	823	rVV4	335843	546225	2.72%	0.541%
49	11.562	826	829	831	rVB3	159466	231366	1.15%	0.229%
50	11.745	843	845	848	rVB2	206922	307125	1.53%	0.304%
51	11.848	852	854	856	rBV3	541212	608148	3.03%	0.603%
52	11.882	856	857	862	rVB2	490082	671794	3.34%	0.666%
53	12.042	869	871	872	rBV	285214	352312	1.75%	0.349%
54	12.133	875	879	882	rBV2	2528759	4288851	21.33%	4.250%
55	12.213	884	886	887	rBV	840544	1105515	5.50%	1.096%
56	12.248	887	889	892	rVB	504930	870766	4.33%	0.863%
57	12.293	892	893	896	rVB2	197674	277978	1.38%	0.275%
58	12.362	896	899	901	rBV	1481045	1703462	8.47%	1.688%
59	12.419	901	904	907	rBV	885377	900721	4.48%	0.893%
60	12.488	908	910	915	rVB5	277117	472882	2.35%	0.469%
61	12.602	916	920	921	rBV2	152414	251023	1.25%	0.249%
62	12.659	924	925	926	rBV	567839	445564	2.22%	0.442%
63	12.785	934	936	937	rBV	277695	319389	1.59%	0.317%
64	12.842	940	941	943	rVV2	435543	629777	3.13%	0.624%
65	12.888	943	945	946	rVV2	250679	322036	1.60%	0.319%
66	12.945	946	950	952	rVV4	113936	216949	1.08%	0.215%
67	13.014	952	956	958	rVV	4162940	4956074	24.65%	4.911%
68	13.071	959	961	963	rVV2	210116	253271	1.26%	0.251%
69	13.265	977	978	980	rBV2	173223	235963	1.17%	0.234%
70	13.414	989	991	992	rBV	171921	210568	1.05%	0.209%
71	13.494	997	998	1000	rVV2	219198	229145	1.14%	0.227%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

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	13.585	1002	1006	1009	rVV4	127778	308510	1.53%	0.306%
73	13.642	1009	1011	1014	rVV3	116476	229024	1.14%	0.227%
74	14.054	1045	1047	1050	rVB2	1050649	1261777	6.28%	1.250%
75	15.505	1171	1174	1182	rVB	840227	1087729	5.41%	1.078%

Sum of corrected areas: 100911655

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
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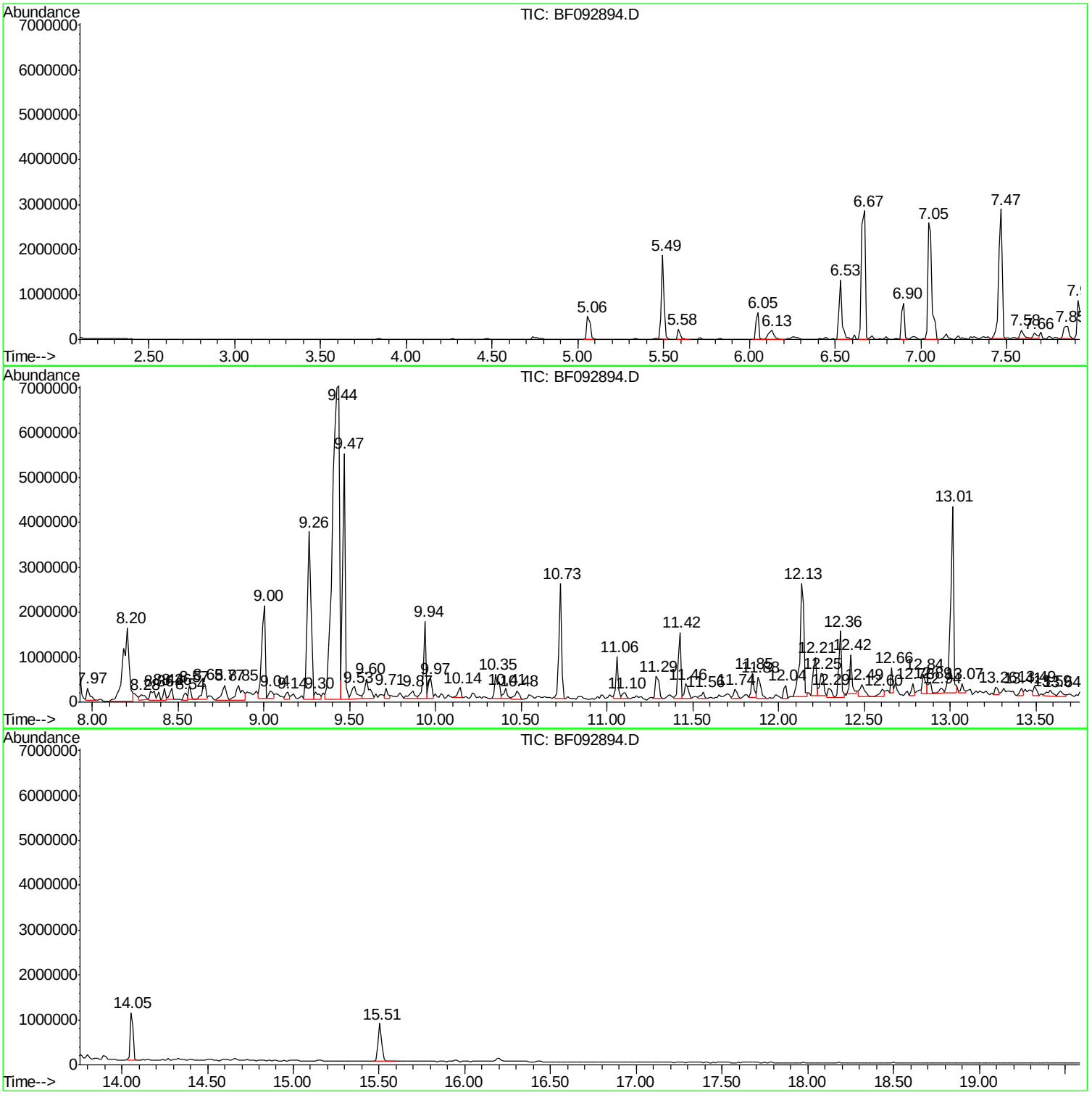
Instrument : BNA_F
ClientSampleId : MW-4

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\BF021017\
Data File : BF092894.D
Acq On : 10 Feb 2017 20:23
Operator : SJ/MA
Sample : I1772-03
Misc :
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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

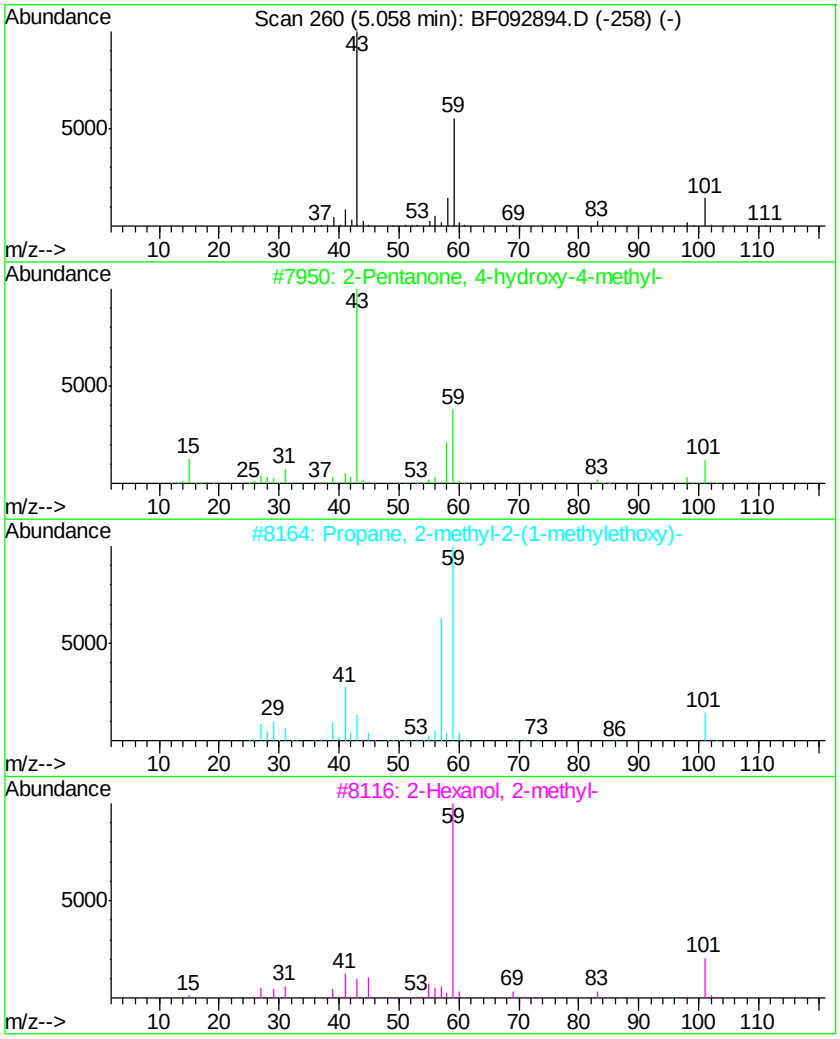
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

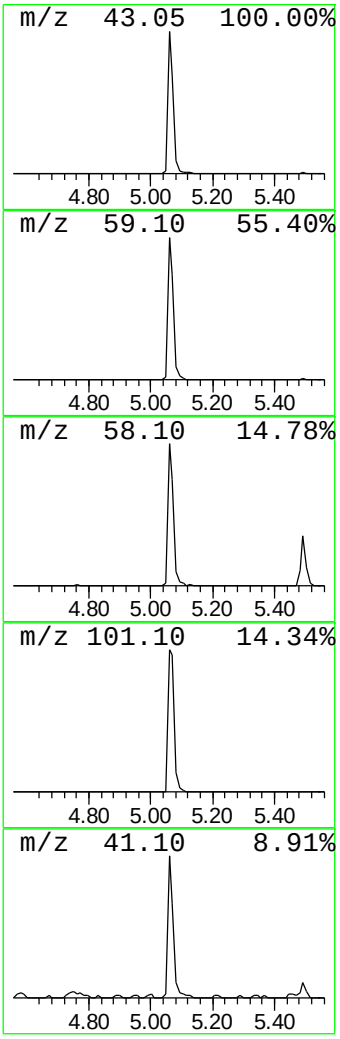
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	13.14 ng	656611	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol	102	C6H14O	000623-37-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092894.D
Acq On : 10 Feb 2017 20:23
Operator : SJ/MA
Sample : I1772-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

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

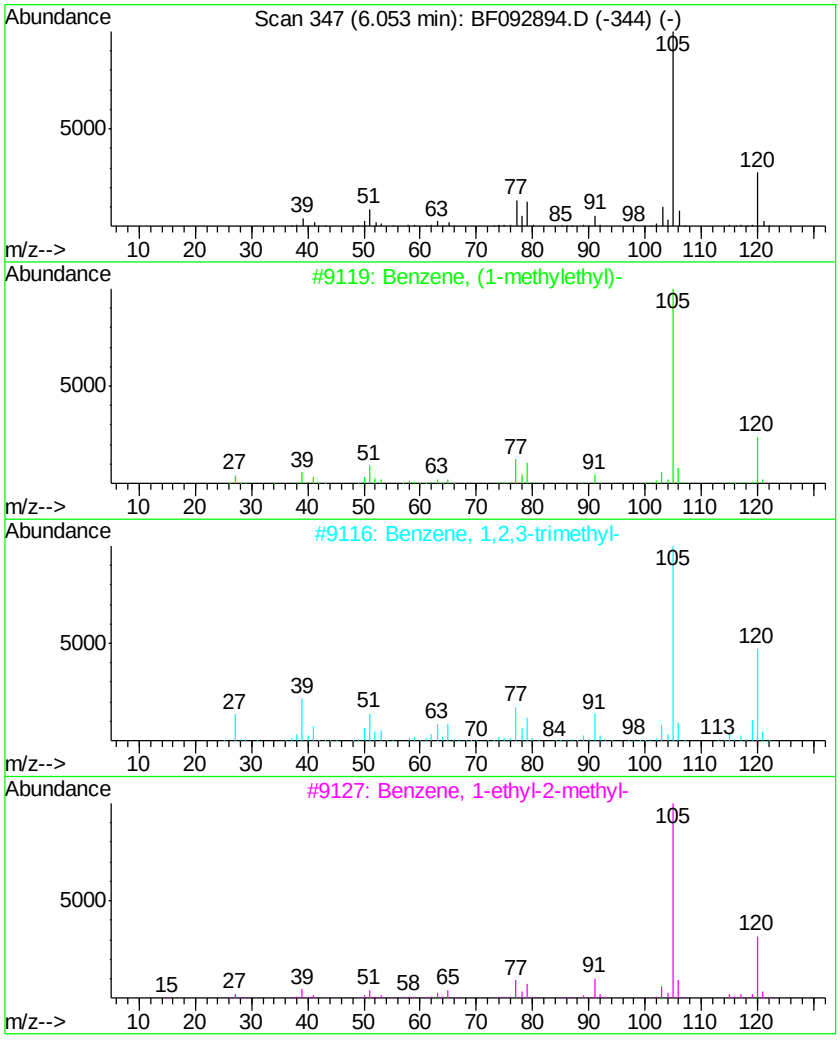
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

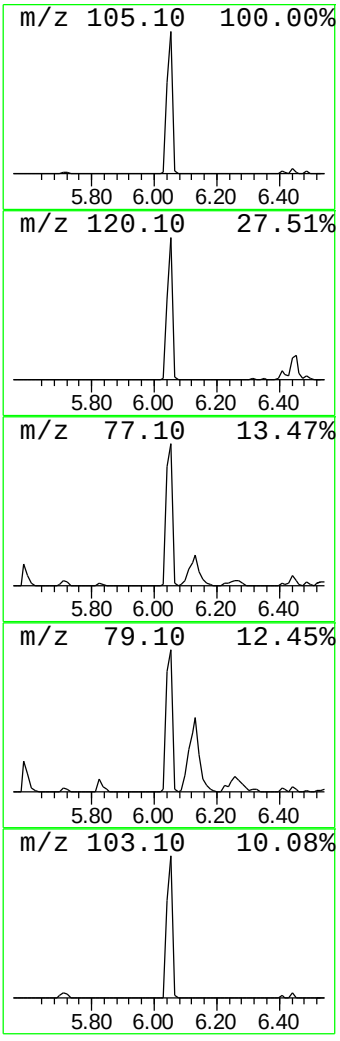
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	14.31 ng	715318	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092894.D
Acq On : 10 Feb 2017 20:23
Operator : SJ/MA
Sample : I1772-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

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

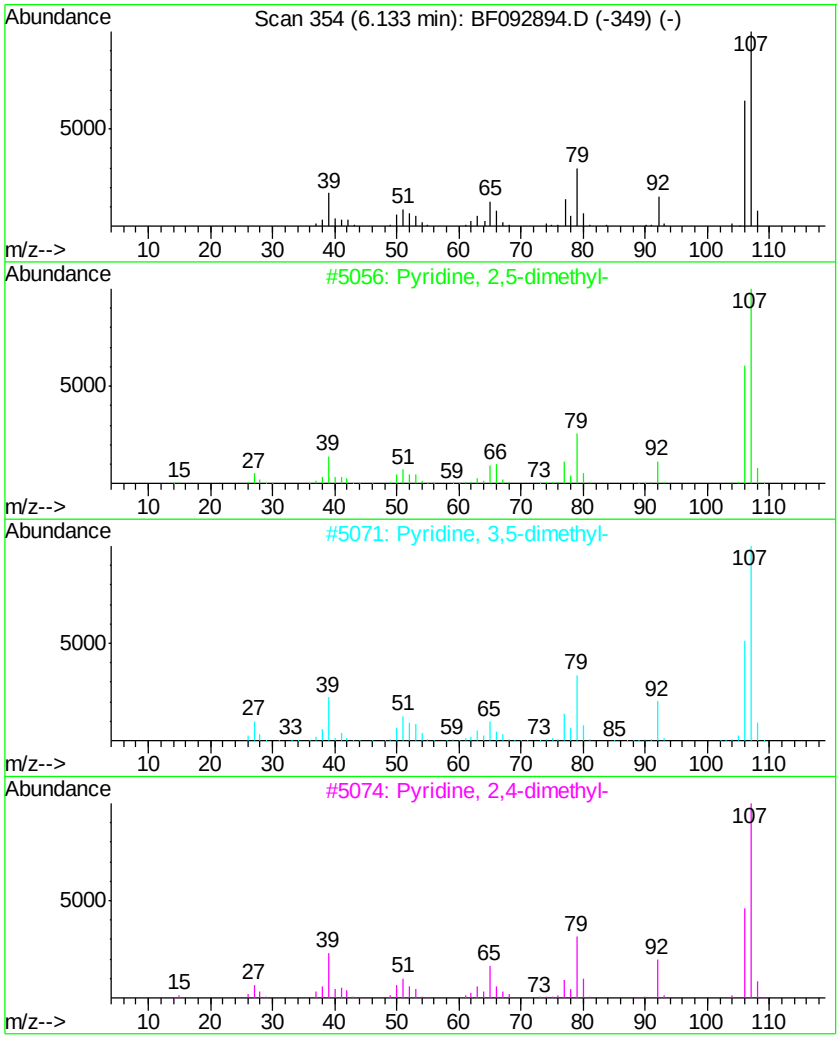
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

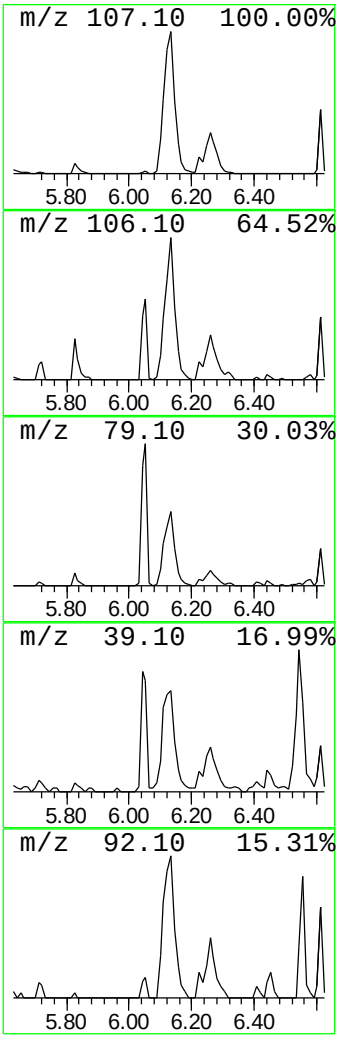
****

Peak Number 3 Pyridine, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	9.40 ng	470063	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	97
2	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	93
3	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	93
4	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	91
5	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
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Sample : I1772-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

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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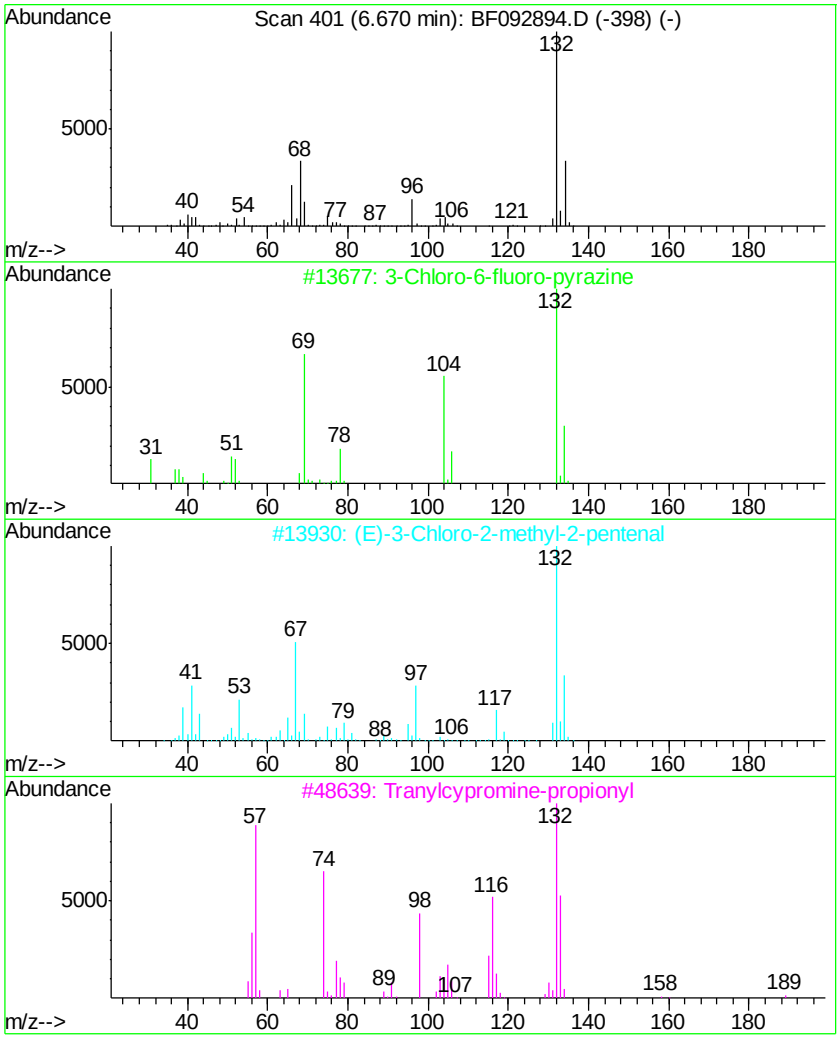
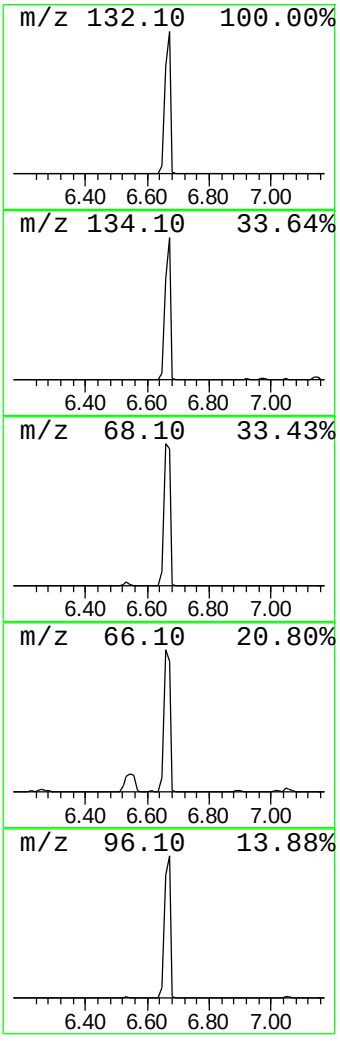
Peak Number 4 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	78.34 ng	3915830	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Data File : BF092894.D
Acq On : 10 Feb 2017 20:23
Operator : SJ/MA
Sample : I1772-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

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

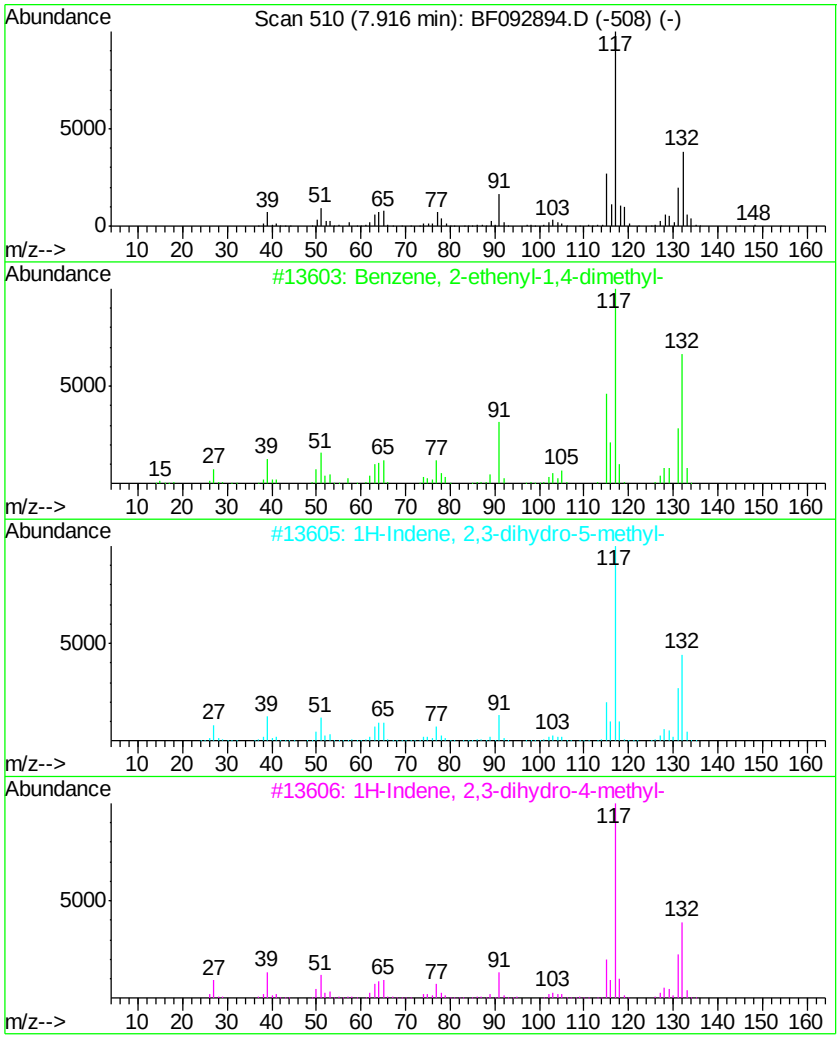
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

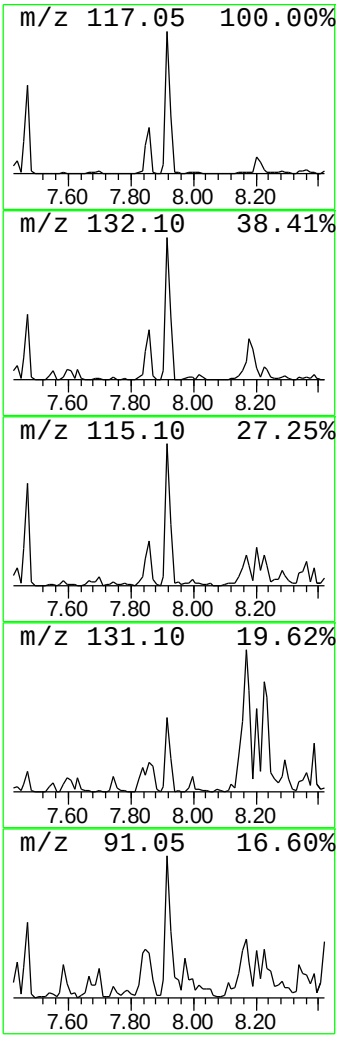
****

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	6.05 ng	1244290	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092894.D
Acq On : 10 Feb 2017 20:23
Operator : SJ/MA
Sample : I1772-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

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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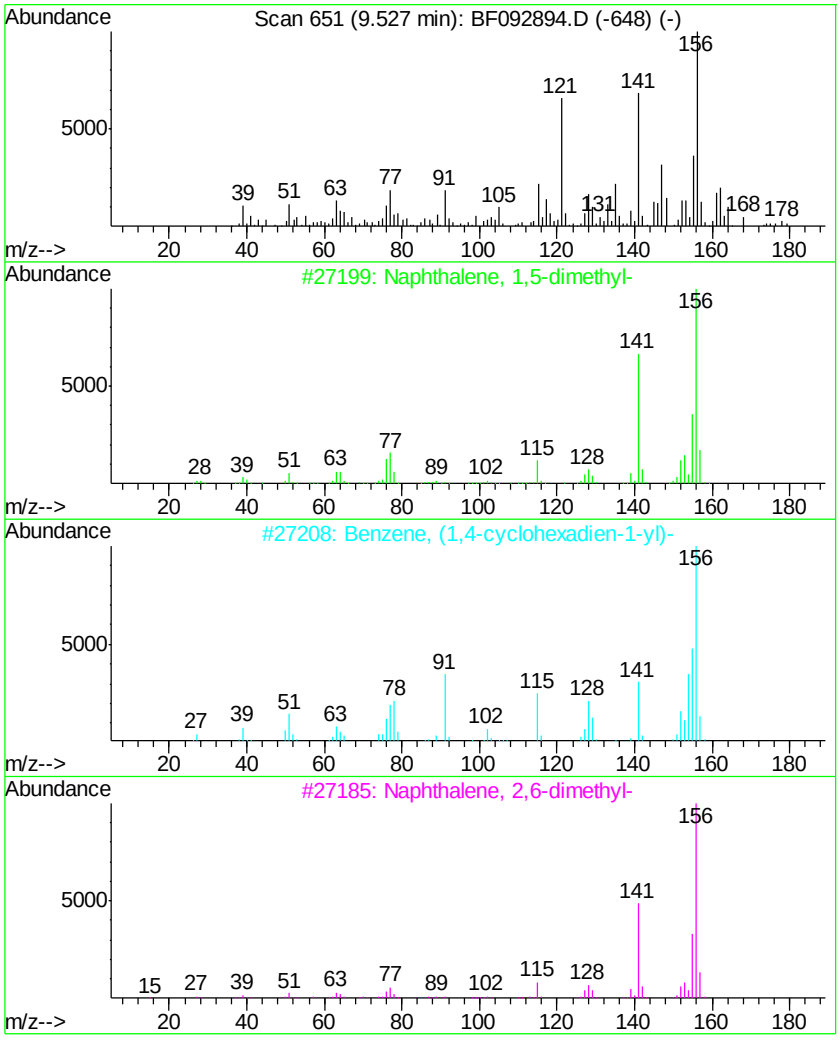
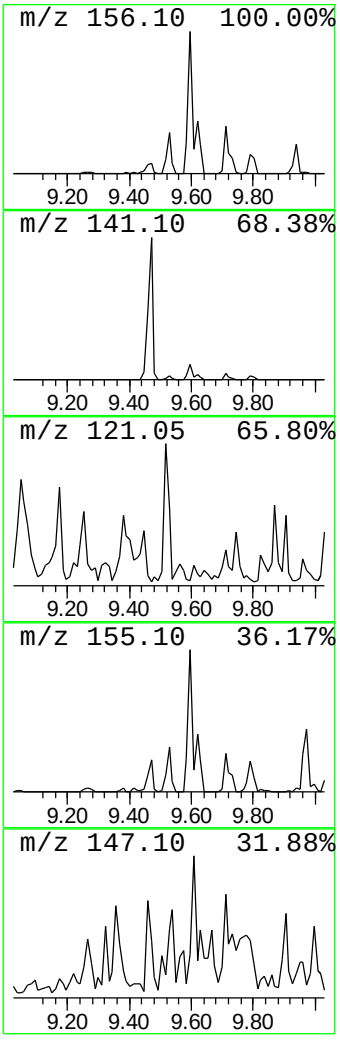
Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	7.79 ng	677350	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90
2	Benzene, (1,4-cyclohexadien-1-yl)-	156	C12H12	013703-52-1	87
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	83
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	83
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092894.D
Acq On : 10 Feb 2017 20:23
Operator : SJ/MA
Sample : I1772-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

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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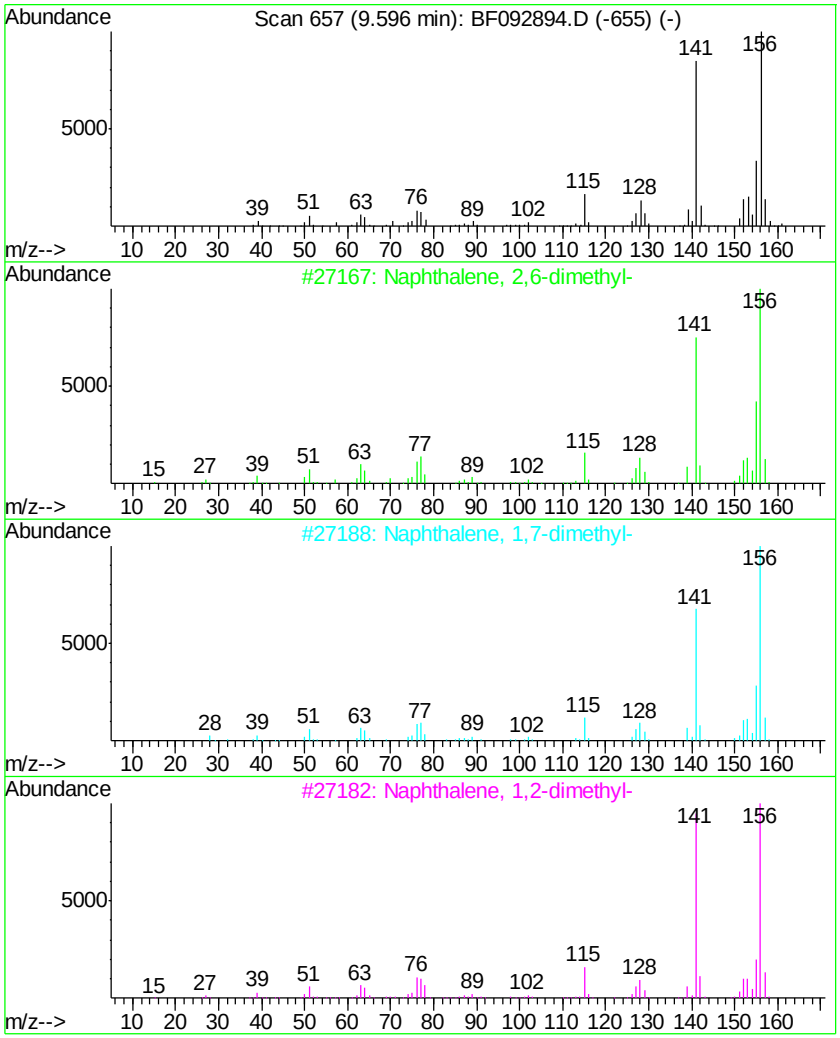
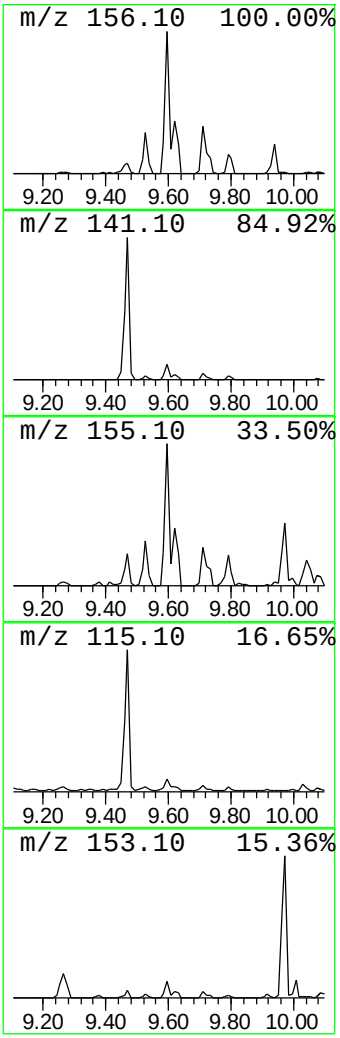
Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	9.01 ng	783616	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Operator : SJ/MA
Sample : I1772-03
Misc :
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Instrument : BNA_F
ClientSampleId : MW-4

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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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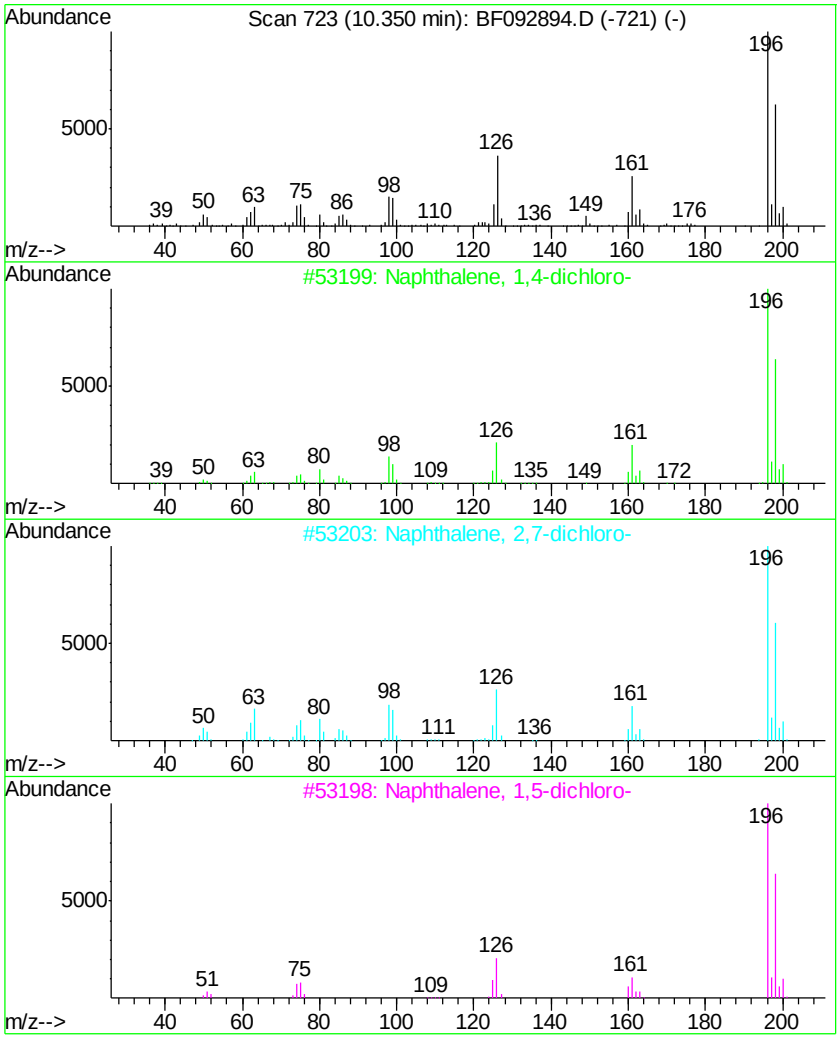
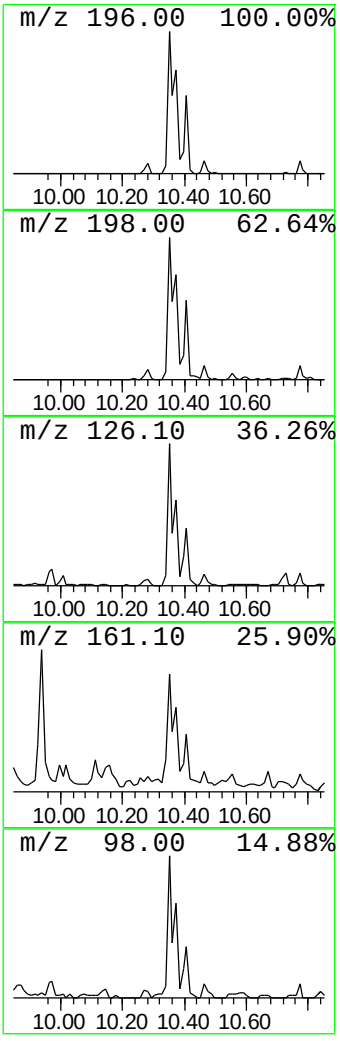
Peak Number 10 Naphthalene, 1,4-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	10.93 ng	950153	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dichloro-	196	C10H6Cl2	001825-31-6	98
2	Naphthalene, 2,7-dichloro-	196	C10H6Cl2	002198-77-8	96
3	Naphthalene, 1,5-dichloro-	196	C10H6Cl2	001825-30-5	96
4	Naphthalene, 1,8-dichloro-	196	C10H6Cl2	002050-74-0	95
5	1-(1,2-Dichloroethenyl)-4-ethyny...	196	C10H6Cl2	1000283-76-7	94





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ClientSampleId : MW-4

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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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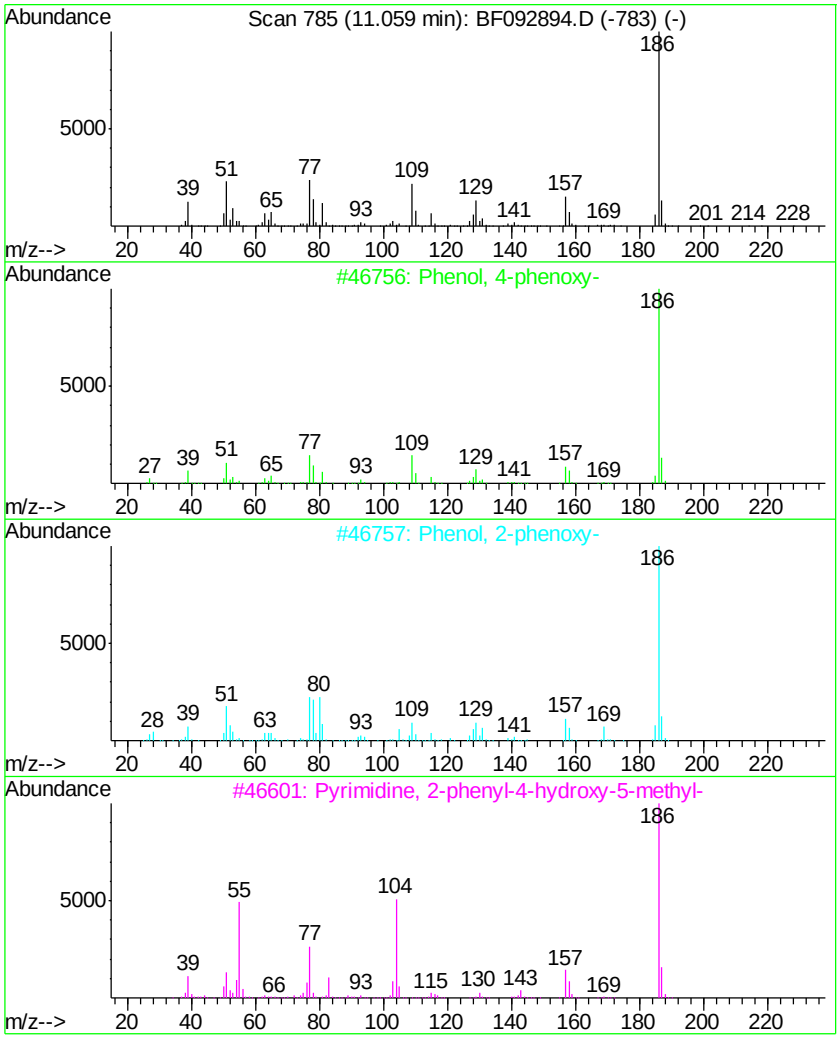
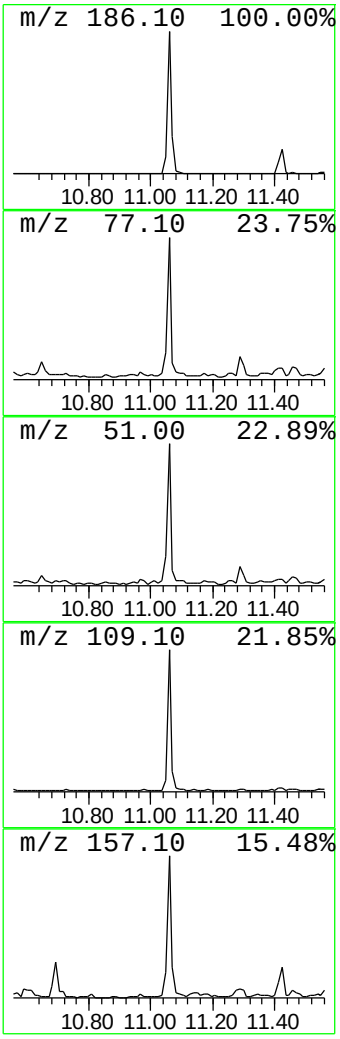
Peak Number 11 Phenol, 4-phenoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	10.80 ng	933266	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	97
2	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	74
3	Pyrimidine, 2-phenyl-4-hydroxy-5...	186	C11H10N2O	036993-85-8	59
4	4H-Pyran-4-one, 2-methyl-6-phenyl-	186	C12H10O2	001013-99-6	58
5	1,4-Naphthalenedione, 2,3-dimethyl-	186	C12H10O2	002197-57-1	53





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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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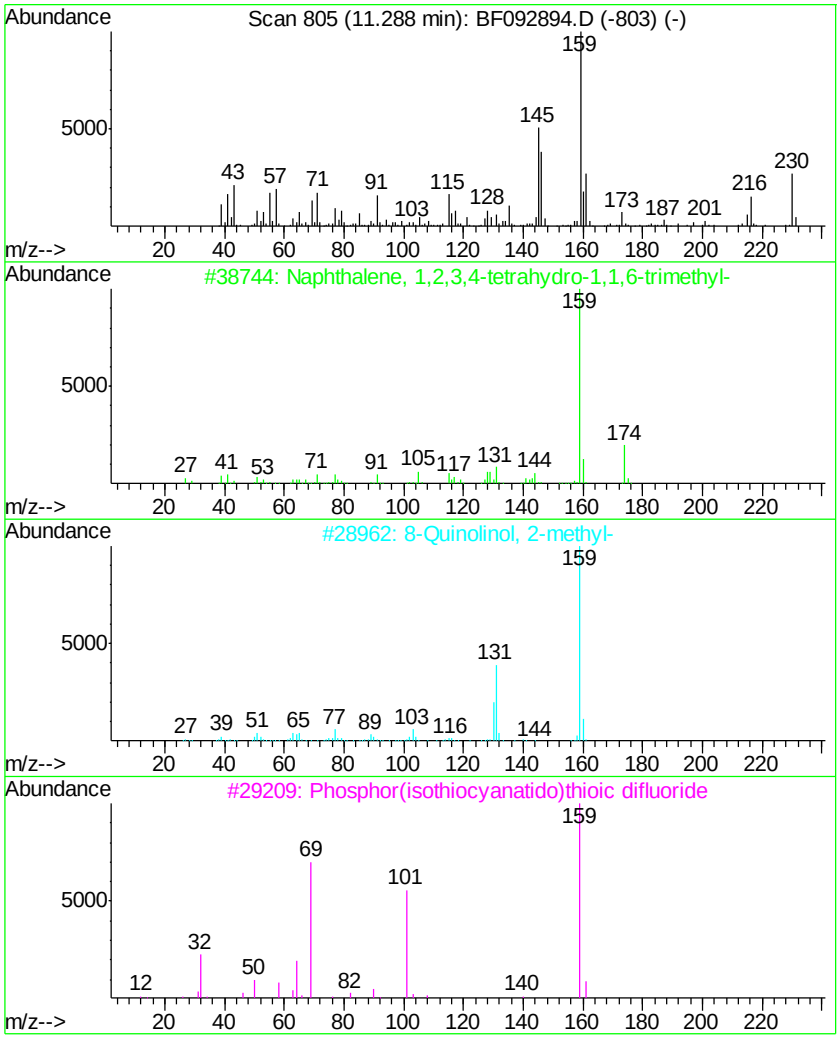
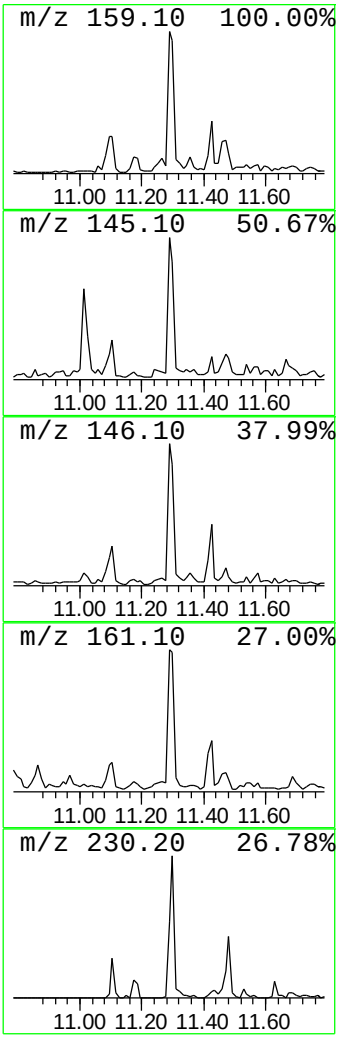
Peak Number 12 unknown11.29 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	8.02 ng	693068	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	27
2	8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	27
3	Phosphor(isothiocyanatido)thioic...	159	CF2NPS2	014526-12-6	22
4	4(1H)-Quinolinone, 2-hexyl-	229	C15H19NO	018813-68-8	16
5	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	11





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ClientSampleId : MW-4

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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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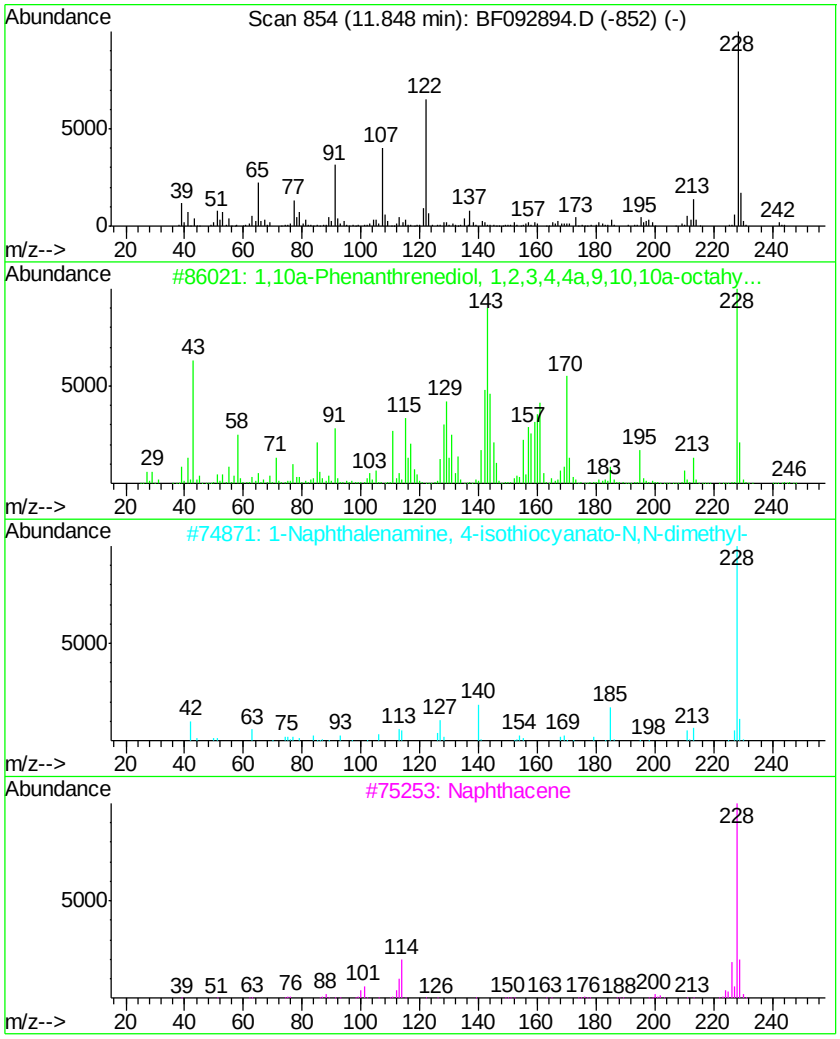
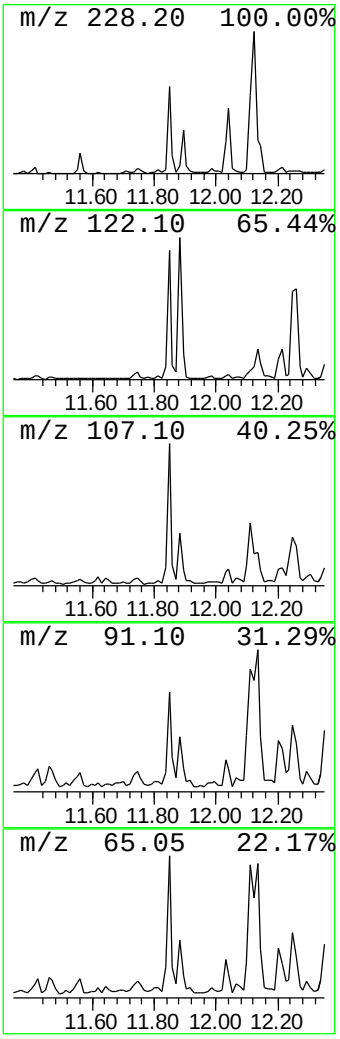
Peak Number 13 unknown11.85 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	7.04 ng	608148	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,10a-Phenanthrenediol, 1,2,3,4,...	246	C16H22O2	1000197-42-1	42
2	1-Naphthalenamine, 4-isothiocyan...	228	C13H12N2S	029711-79-3	38
3	Naphthacene	228	C18H12	000092-24-0	35
4	N-(2-Pyridylmethyl)-O-phenetidine	228	C14H16N2O	016552-43-5	30
5	1,2-Benzenediamine, N-methyl-	122	C7H10N2	004760-34-3	30





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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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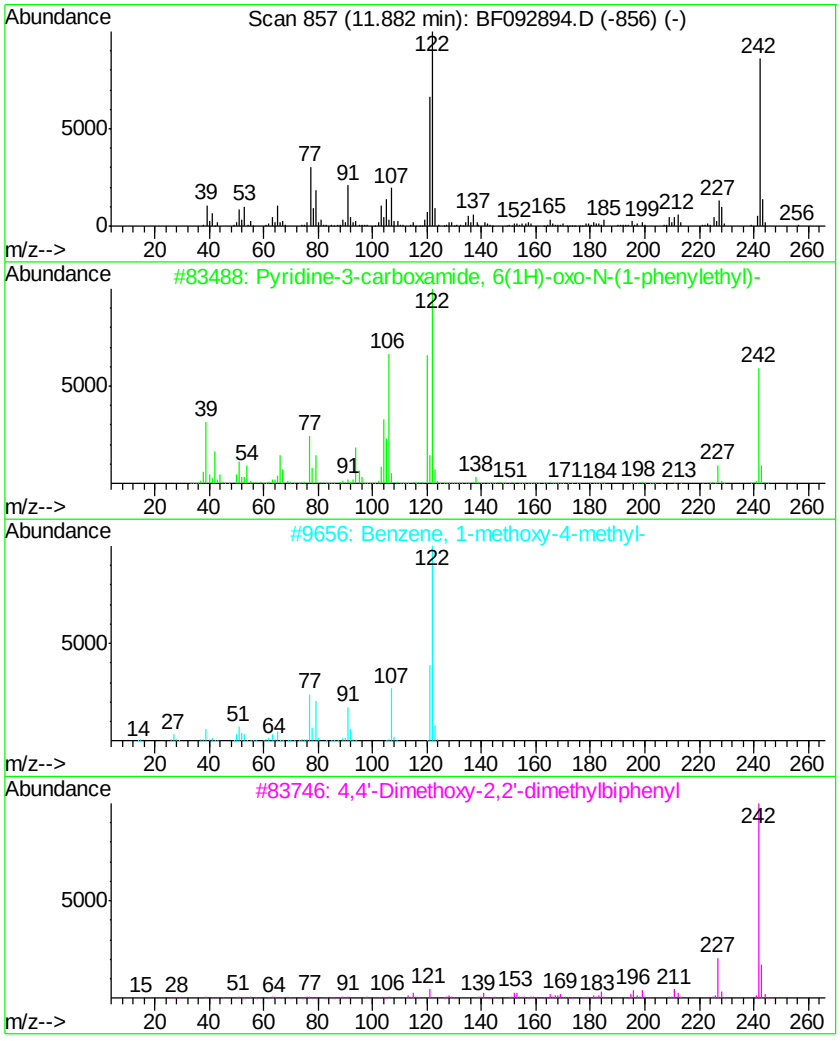
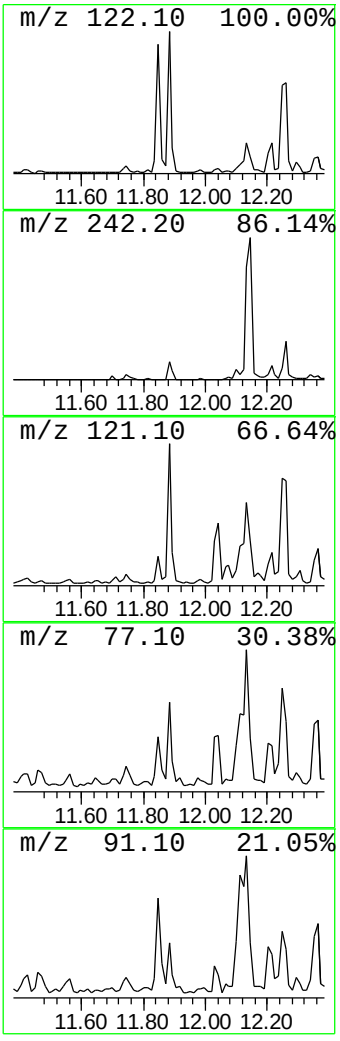
Peak Number 14 Pyridine-3-carboxamide, 6(1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	7.78 ng	671794	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carboxamide, 6(1H)-ox...	242	C14H14N2O2	1000277-54-4	83
2	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	46
3	4,4'-Dimethoxy-2,2'-dimethylbiph...	242	C16H18O2	046873-19-2	42
4	Ferrocene, 1,1'-diethyl-	242	C14H18Fe	001273-97-8	38
5	Benzene, 2-butoxy-1,3-dimethyl-	178	C12H18O	056052-33-6	35





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Sample : I1772-03
Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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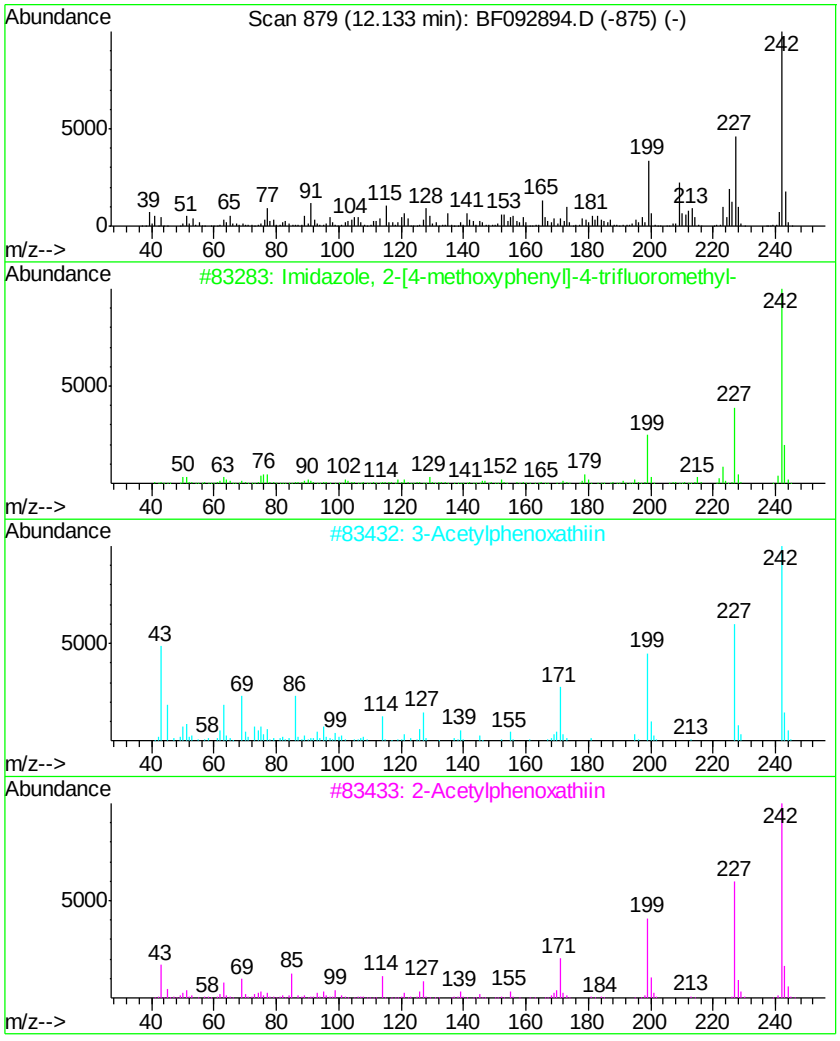
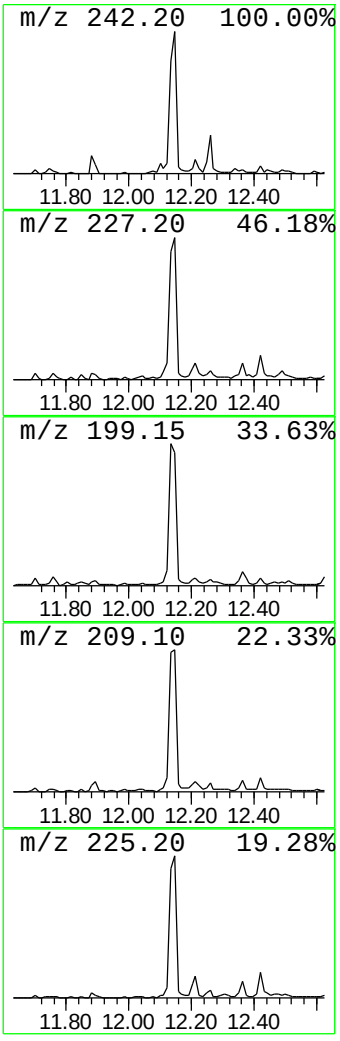
Peak Number 15 Imidazole, 2-[4-methoxyphen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	49.65 ng	4288850	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 2-[4-methoxyphenyl]-4...	242	C11H9F3N2O	033469-37-3	89
2	3-Acetylphenoxathiin	242	C14H10O2S	177937-77-8	70
3	2-Acetylphenoxathiin	242	C14H10O2S	010230-39-4	62
4	1,3-Diamino-5,6-dihydro-8-methox...	242	C13H14N4O	037436-50-3	53
5	4,4'-Dimethoxy-2,2'-dimethylbiph...	242	C16H18O2	046873-19-2	45





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

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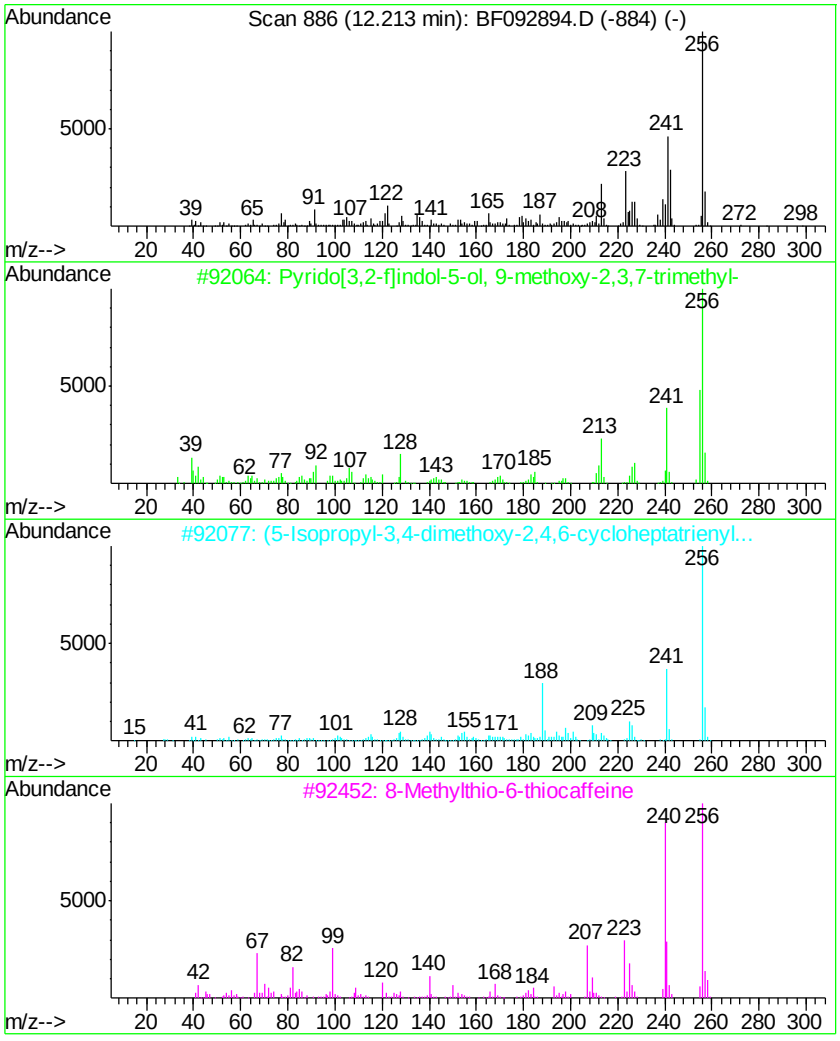
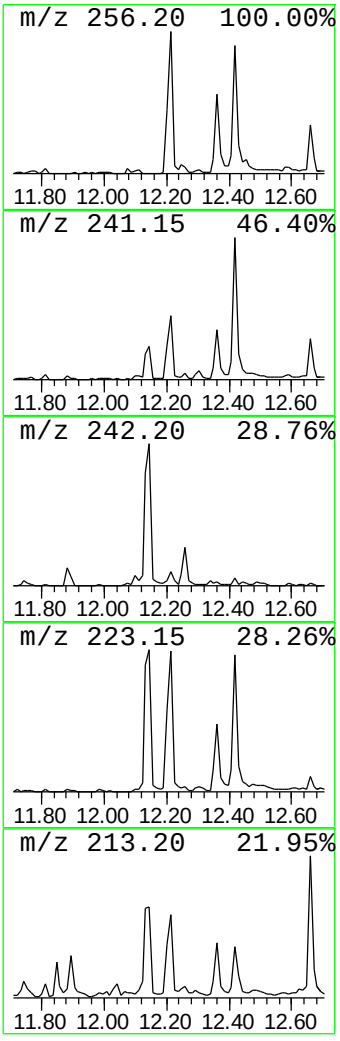
Peak Number 16 Pyrido[3,2-f]indol-5-ol, 9-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	12.80 ng	1105520	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[3,2-f]indol-5-ol, 9-metho...	256	C15H16N2O2	199918-74-6	83
2	(5-Isopropyl-3,4-dimethoxy-2,4,6...	256	C15H16N2O2	001845-91-6	53
3	8-Methylthio-6-thiocaffeine	256	C9H12N4OS2	1000257-37-8	47
4	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	43
5	Pyrimidino[5,4-b]quinolino[3,2-d...	256	C13H12N4S	1000259-15-5	43





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Sample : I1772-03
Misc :
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Instrument : BNA_F
ClientSampleId : MW-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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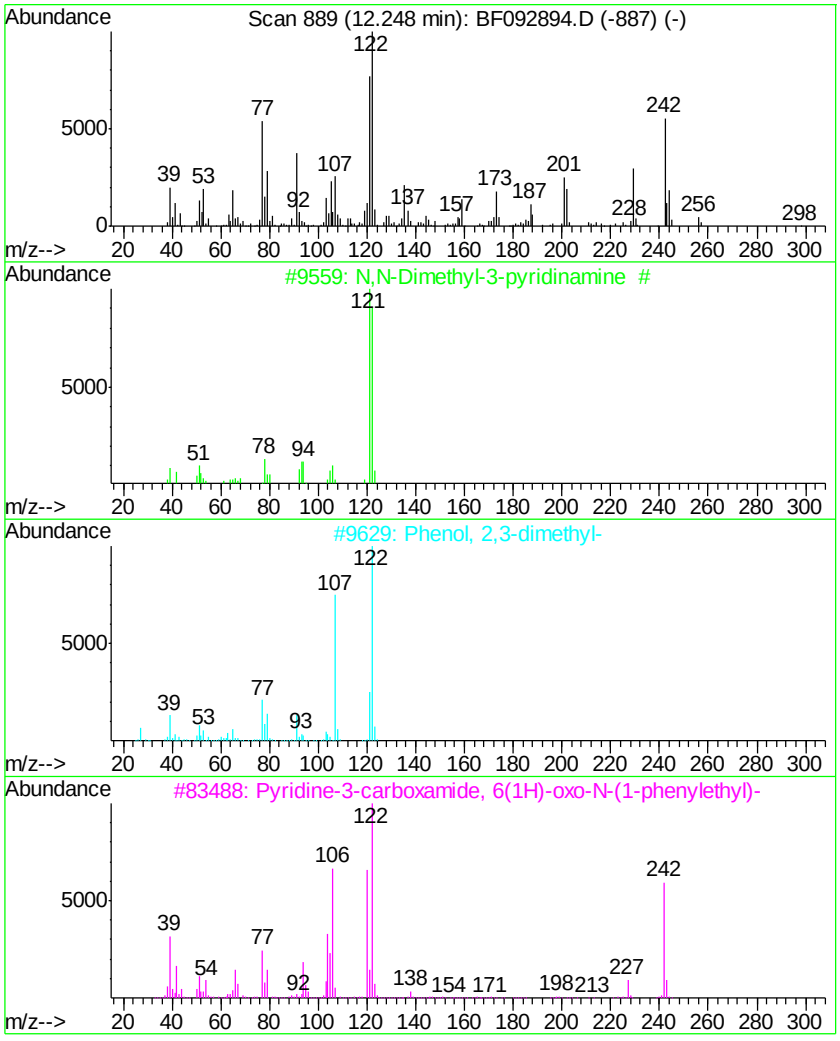
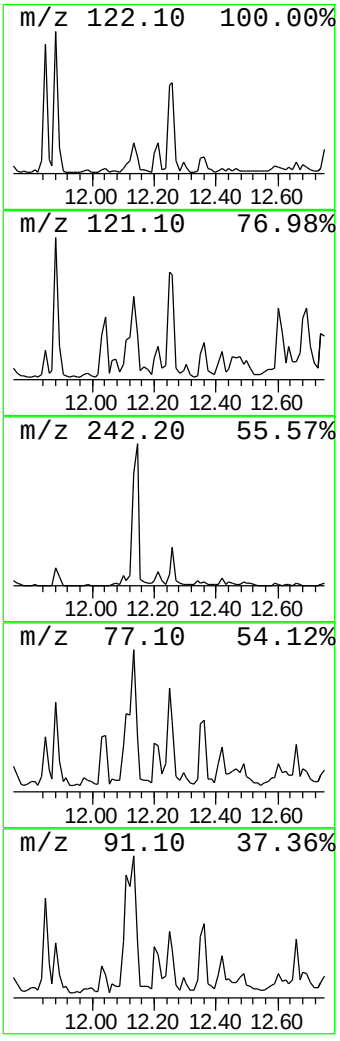
Peak Number 17 unknown12.25 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	10.08 ng	870766	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyl-3-pyridinamine #	122	C7H10N2	018437-57-5	38
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	38
3	Pyridine-3-carboxamide, 6(1H)-ox...	242	C14H14N2O2	1000277-54-4	35
4	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	30
5	Benzene, 1-methoxy-3-methyl-	122	C8H10O	000100-84-5	25





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TIC Library : C:\DATABASE\NIST02.L
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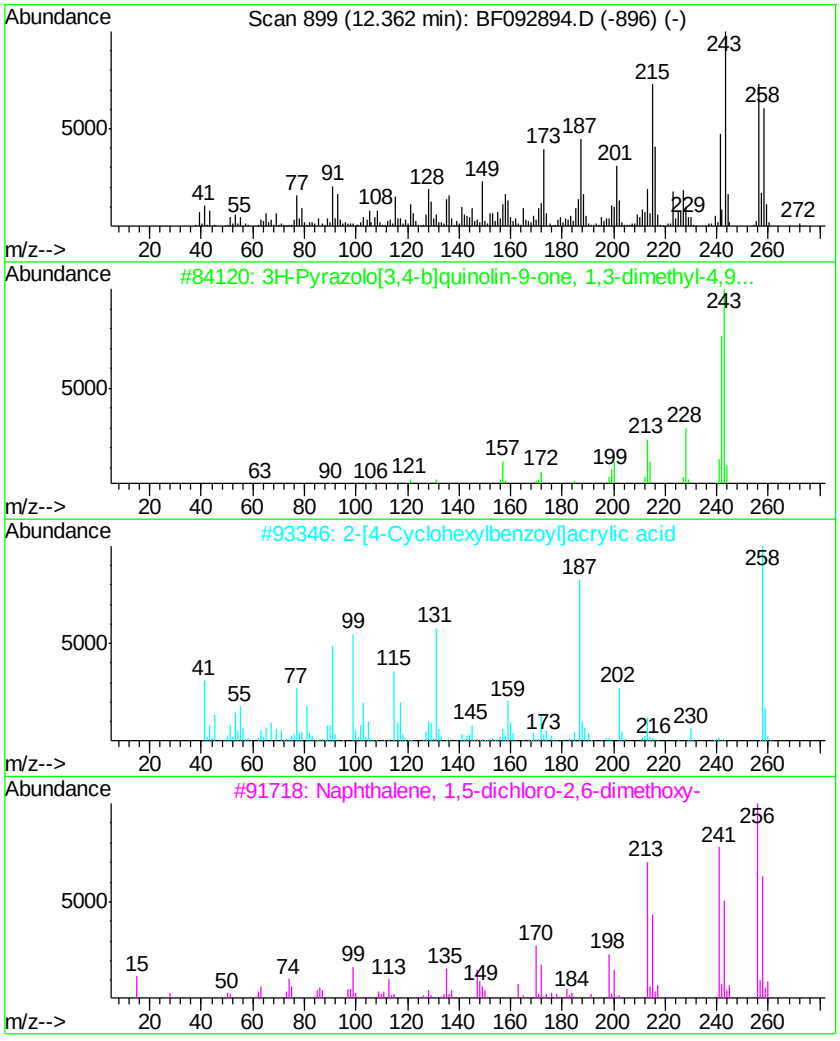
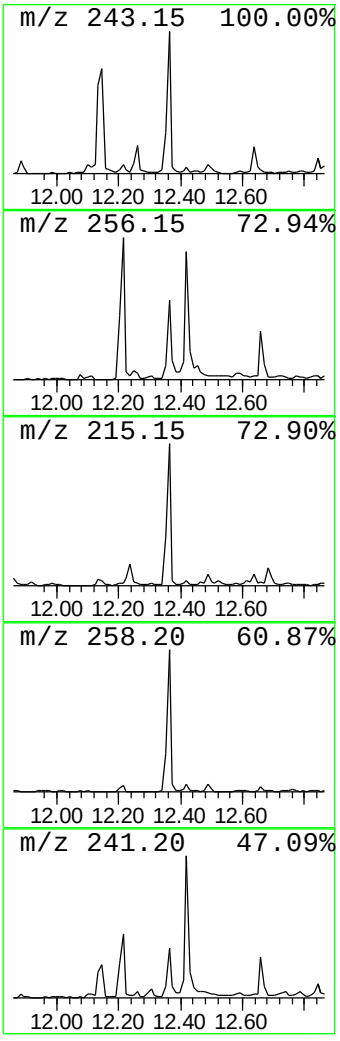
Peak Number 18 unknown12.36 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	19.72 ng	1703460	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrazolo[3,4-b]quinolin-9-one...	243	C13H13N3O2	112447-01-5	46
2	2-[4-Cyclohexylbenzoyl]acrylic acid	258	C16H18O3	207853-73-4	42
3	Naphthalene, 1,5-dichloro-2,6-di...	256	C12H10Cl2O2	025315-05-3	38
4	6-Acetyl-5-methoxy-2,7-dimethyl-...	258	C15H14O4	000960-64-5	38
5	Thiocyanic acid, 3',5-dihydroxy-...	243	C13H9NO2S	1000251-76-1	30





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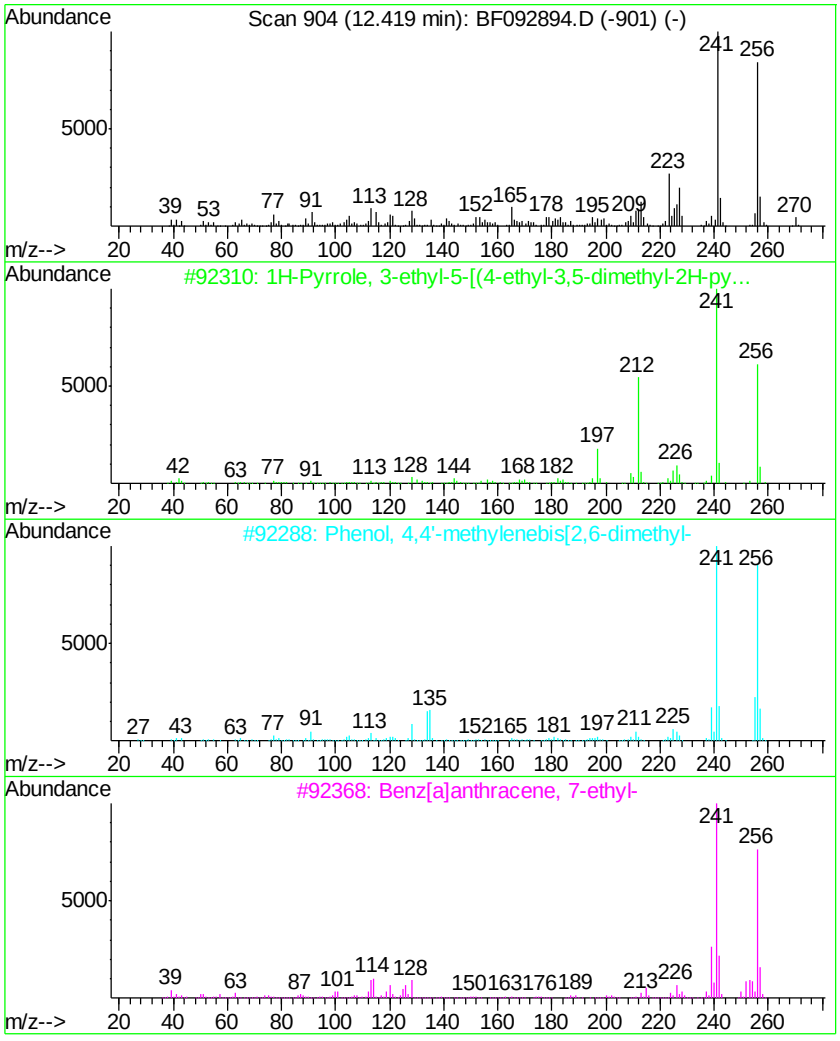
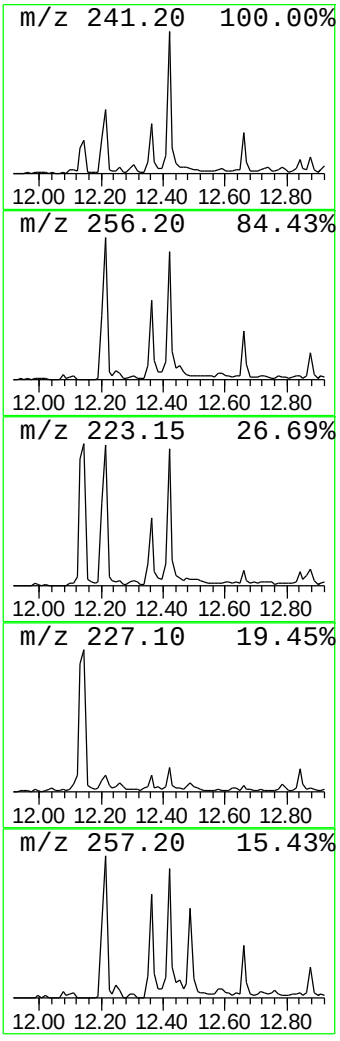
Peak Number 19 1H-Pyrrole, 3-ethyl-5-[(4-e... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	10.43 ng	900721	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 3-ethyl-5-[(4-ethyl-...	256	C17H24N2	002407-83-2	90
2	Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	76
3	Benz[a]anthracene, 7-ethyl-	256	C20H16	003697-30-1	58
4	6-[1-[4-Methylphenyl]ethyl]-1,3-...	256	C16H16O3	1000211-52-5	53
5	Ethanone, 1-[4-methoxy-3-(4-meth...	256	C16H16O3	116345-94-9	50





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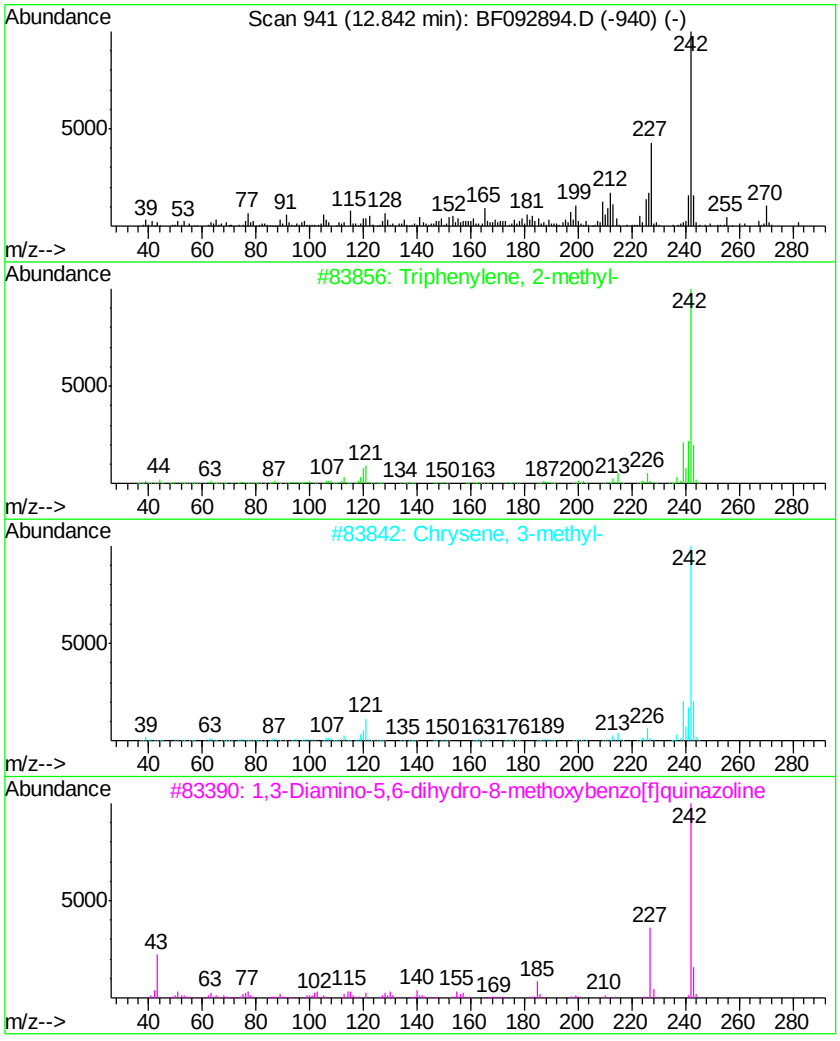
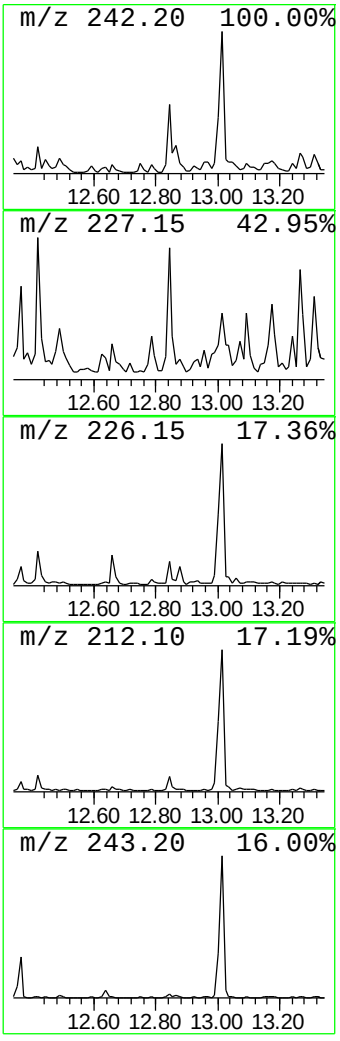
Peak Number 20 Triphenylene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	9.98 ng	629777	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	55
2	Chrysene, 3-methyl-	242	C19H14	003351-31-3	46
3	1,3-Diamino-5,6-dihydro-8-methox...	242	C13H14N4O	037436-50-3	46
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	46
5	4,4'-Dimethoxy-2,2'-dimethylbiph...	242	C16H18O2	046873-19-2	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092894.D
Acq On : 10 Feb 2017 20:23
Operator : SJ/MA
Sample : I1772-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

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...	5.06	13.1	ng	656611	1	6.90	999699	20.0
Benzene, (1-methy...	6.05	14.3	ng	715318	1	6.90	999699	20.0
Pyridine, 2,5-dim...	6.13	9.4	ng	470063	1	6.90	999699	20.0
unknown6.67	6.67	78.3	ng	3915830	1	6.90	999699	20.0
Benzene, 2-etheny...	7.92	6.0	ng	1244290	2	8.18	4114490	20.0
Naphthalene, 1,5-...	9.53	7.8	ng	677350	3	9.94	1739170	20.0
Naphthalene, 2,6-...	9.60	9.0	ng	783616	3	9.94	1739170	20.0
Naphthalene, 1,4-...	10.35	10.9	ng	950153	3	9.94	1739170	20.0
Phenol, 4-phenoxy-	11.06	10.8	ng	933266	4	11.42	1727630	20.0
unknown11.29	11.29	8.0	ng	693068	4	11.42	1727630	20.0
unknown11.85	11.85	7.0	ng	608148	4	11.42	1727630	20.0
Pyridine-3-carbox...	11.88	7.8	ng	671794	4	11.42	1727630	20.0
Imidazole, 2-[4-m...	12.13	49.6	ng	4288850	4	11.42	1727630	20.0
Pyrido[3,2-f]indo...	12.21	12.8	ng	1105520	4	11.42	1727630	20.0
unknown12.25	12.25	10.1	ng	870766	4	11.42	1727630	20.0
unknown12.36	12.36	19.7	ng	1703460	4	11.42	1727630	20.0
1H-Pyrrole, 3-eth...	12.42	10.4	ng	900721	4	11.42	1727630	20.0
Triphenylene, 2-m...	12.84	10.0	ng	629777	5	14.05	1261780	20.0