LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082035.D
Acq On : 3 Oct 2015 21:55
Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

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-BF092815.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	5.063	253	256	263	rBV	670404	839098	34.15%	2.331%
2	5.474	289	292	295	rBV	1529920	1575899	64.14%	4.377%
3	5.703	310	312	322	rBV	36839	64150	2.61%	0.178%
4	6.514	380	383	385	rBV	1682778	1840615	74.91%	5.112%
5	6.651	392	395	397	rBV	1916236	1867712	76.01%	5.188%
6	6.720	399	401	403	rVV	207431	239192	9.73%	0.664%
7	6.766	403	405	413	rVB	58944	116590	4.74%	0.324%
8	6.880	413	415	418	rBV	348597	464357	18.90%	1.290%
9	7.040	427	429	431	rBV	1562254	1323063	53.85%	3.675%
10	7.451	462	465	468	rBV	1062757	1025727	41.75%	2.849%
11	7.509	468	470	472	rVV	90064	145065	5.90%	0.403%
12	7.543	472	473	479	rVB	70218	95857	3.90%	0.266%
13	7.749	487	491	499	rVB2	125597	171371	6.97%	0.476%
14	8.172	526	528	530	rBV	781803	677996	27.59%	1.883%
15	8.389	545	547	549	rBV	228787	185423	7.55%	0.515%
16	8.446	550	552	556	rBV	256321	219096	8.92%	0.609%
17	8.949	594	596	598	rBV	70852	65803	2.68%	0.183%
18	8.983	598	599	601	rBV	29928	32169	1.31%	0.089%
19	9.063	604	606	609	rBV2	36131	57611	2.34%	0.160%
20	9.166	613	615	620	rBV	45607	73225	2.98%	0.203%
21	9.246	620	622	625	rBV	1283275	1809869	73.66%	5.027%
22	9.383	631	634	637	rBV	95243	127485	5.19%	0.354%
23	9.646	655	657	660	rBV	490135	478567	19.48%	1.329%
24	9.875	675	677	678	rBV	129357	118712	4.83%	0.330%
25	9.932	680	682	684	rVV	924720	863636	35.15%	2.399%
26	9.966	684	685	688	rVB	64977	61569	2.51%	0.171%
27	10.206	703	706	708	rBV3	14225	30189	1.23%	0.084%
28	10.252	708	710	712	rBV2	18613	29627	1.21%	0.082%
29	10.366	716	720	721	rBV4	44907	103818	4.23%	0.288%
30	10.412	723	724	726	rBV2	36187	46044	1.87%	0.128%
31	10.572	736	738	739	rBV2	20828	38173	1.55%	0.106%
32	10.640	742	744	746	rBV2	110109	132398	5.39%	0.368%
33	10.720	749	751	754	rBV2	1098970	1320426	53.74%	3.667%
34	10.766	754	755	757	rVB	50692	58227	2.37%	0.162%

LSC Area Percent Report

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Data File : BF082035.D
Acq On : 3 Oct 2015 21:55
Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.835	759	761	765	rVB3	73453	128116	5.21%	0.356%
36	10.938	765	770	773	rBV5	75396	309161	12.58%	0.859%
37	11.029	776	778	781	rVB2	62876	101079	4.11%	0.281%
38	11.086	781	783	784	rBV	42113	58843	2.39%	0.163%
39	11.120	784	786	787	rVB2	59361	79111	3.22%	0.220%
40	11.178	787	791	794	rBV4	145177	452933	18.43%	1.258%
41	11.235	794	796	797	rBV	75163	105373	4.29%	0.293%
42	11.269	797	799	802	rBV3	77406	151733	6.18%	0.421%
43	11.349	805	806	809	rVB	219982	221011	8.99%	0.614%
44	11.429	811	813	815	rBV	624731	851674	34.66%	2.366%
45	11.543	820	823	825	rBV2	311231	642669	26.16%	1.785%
46	11.669	831	834	836	rBV2	449849	841779	34.26%	2.338%
47	11.726	837	839	840	rVV	437592	492352	20.04%	1.368%
48	11.760	840	842	843	rVV	199357	335501	13.65%	0.932%
49	11.783	843	844	847	rVB	310314	270741	11.02%	0.752%
50	11.829	847	848	850	rBV2	356406	482698	19.64%	1.341%
51	11.943	856	858	861	rBV2	518179	1033204	42.05%	2.870%
52	12.046	865	867	868	rBV	425250	443827	18.06%	1.233%
53	12.103	871	872	875	rVB	475383	409681	16.67%	1.138%
54	12.161	875	877	879	rBV3	211867	417467	16.99%	1.160%
55	12.195	879	880	882	rBV	462760	803543	32.70%	2.232%
56	12.332	891	892	893	rBV	213188	176482	7.18%	0.490%
57	12.423	898	900	902	rVB2	352603	518383	21.10%	1.440%
58	12.481	902	905	907	rBV2	418649	1046457	42.59%	2.907%
59	12.572	911	913	917	rBV3	434651	962923	39.19%	2.675%
60	12.652	918	920	922	rVV	1319993	1244355	50.64%	3.456%
61	12.743	926	928	930	rVB	538622	612834	24.94%	1.702%
62	12.881	938	940	943	rVB	1153207	1290525	52.52%	3.584%
63	13.029	949	953	956	rVB2	1844592	2457115	100.00%	6.825%
64	13.098	957	959	963	rVB2	378387	612223	24.92%	1.700%
65	13.921	1030	1031	1037	rVB5	138356	230375	9.38%	0.640%
66	14.081	1042	1045	1057	rVB	608234	1049149	42.70%	2.914%
67	14.847	1109	1112	1118	rVB	31010	60014	2.44%	0.167%
68	15.532	1169	1172	1183	rBV	435010	645401	26.27%	1.793%
69	16.195	1216	1230	1245	rVB	14149	166279	6.77%	0.462%

Sum of corrected areas: 36003770

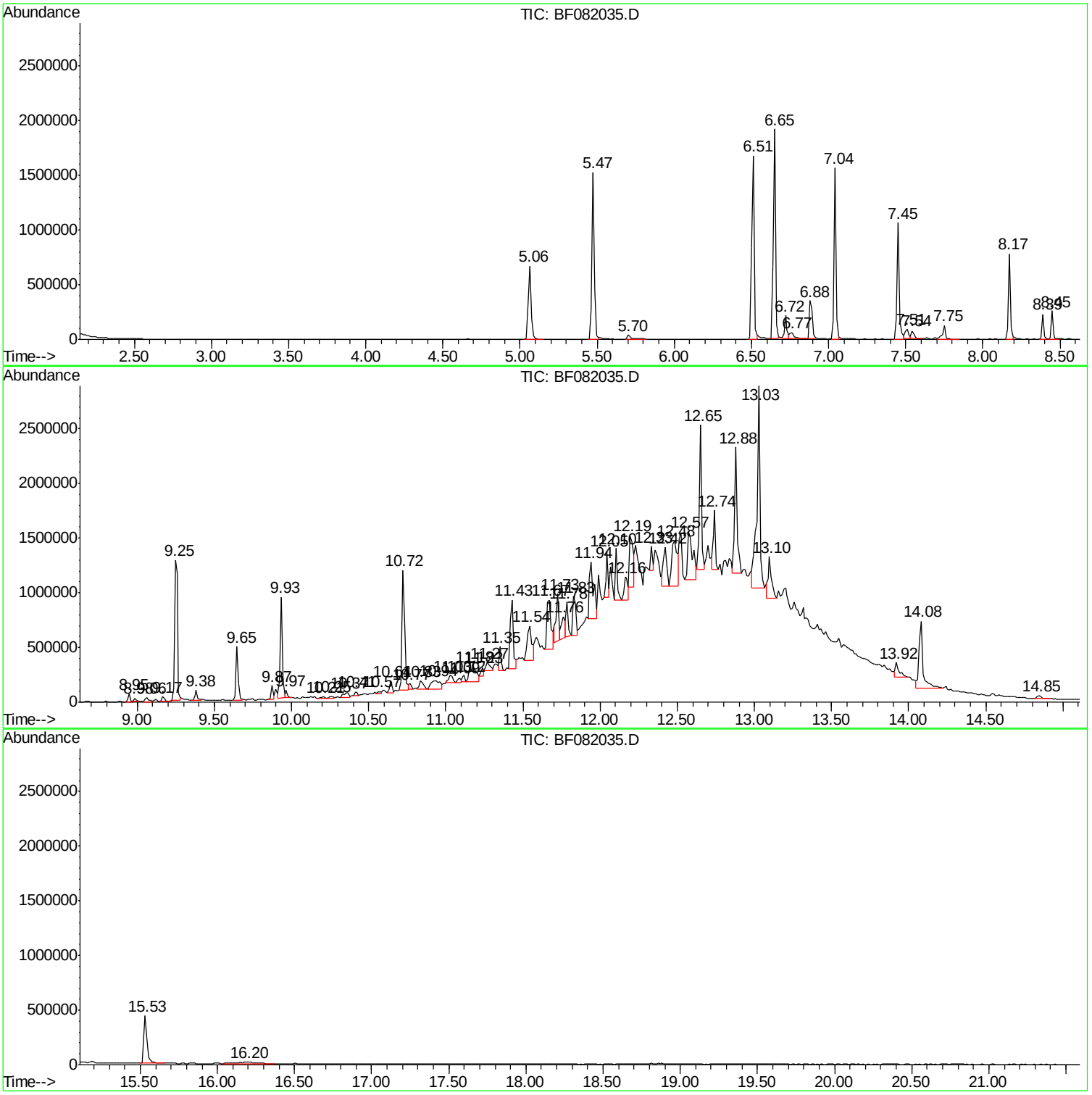
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082035.D
Acq On : 3 Oct 2015 21:55
Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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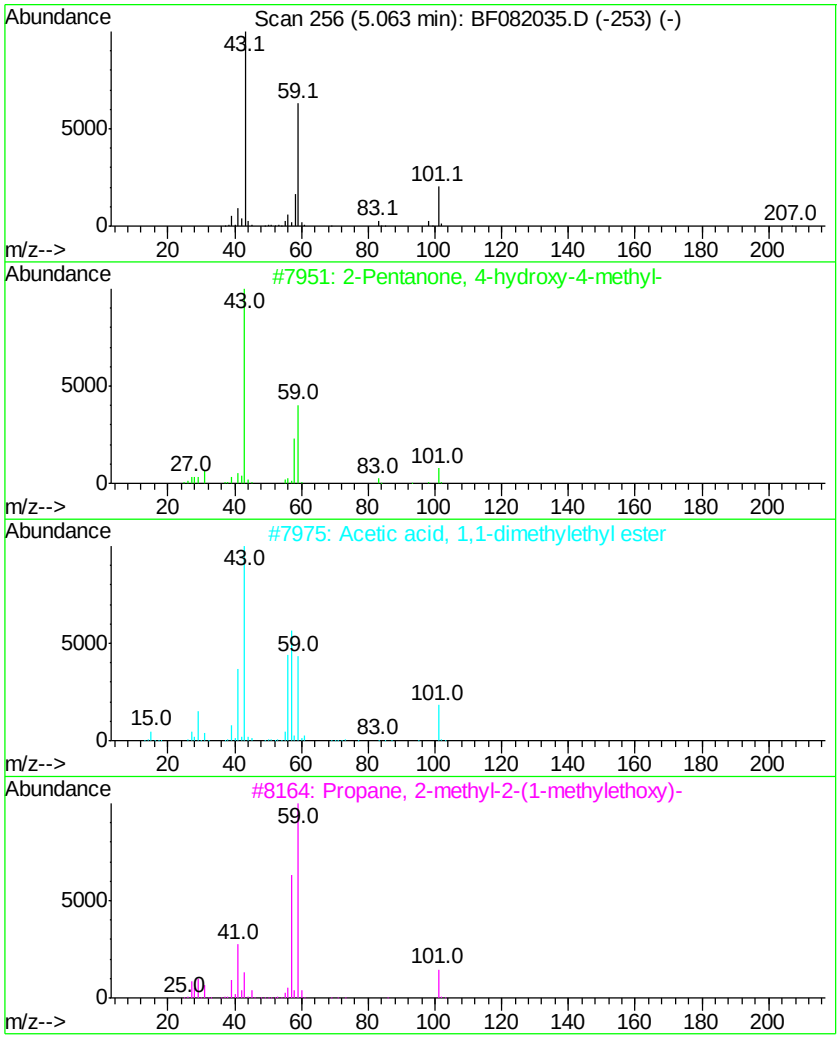
TIC Integration Parameters: LSCINT.P

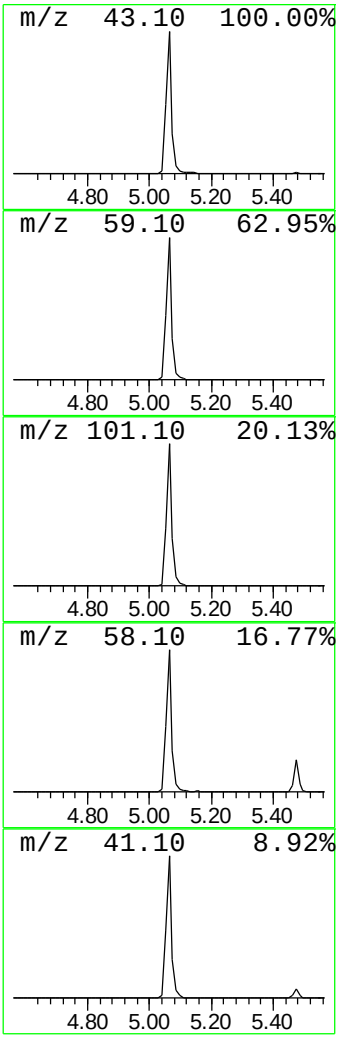
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	36.14 ng	839098	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082035.D
Acq On : 3 Oct 2015 21:55
Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

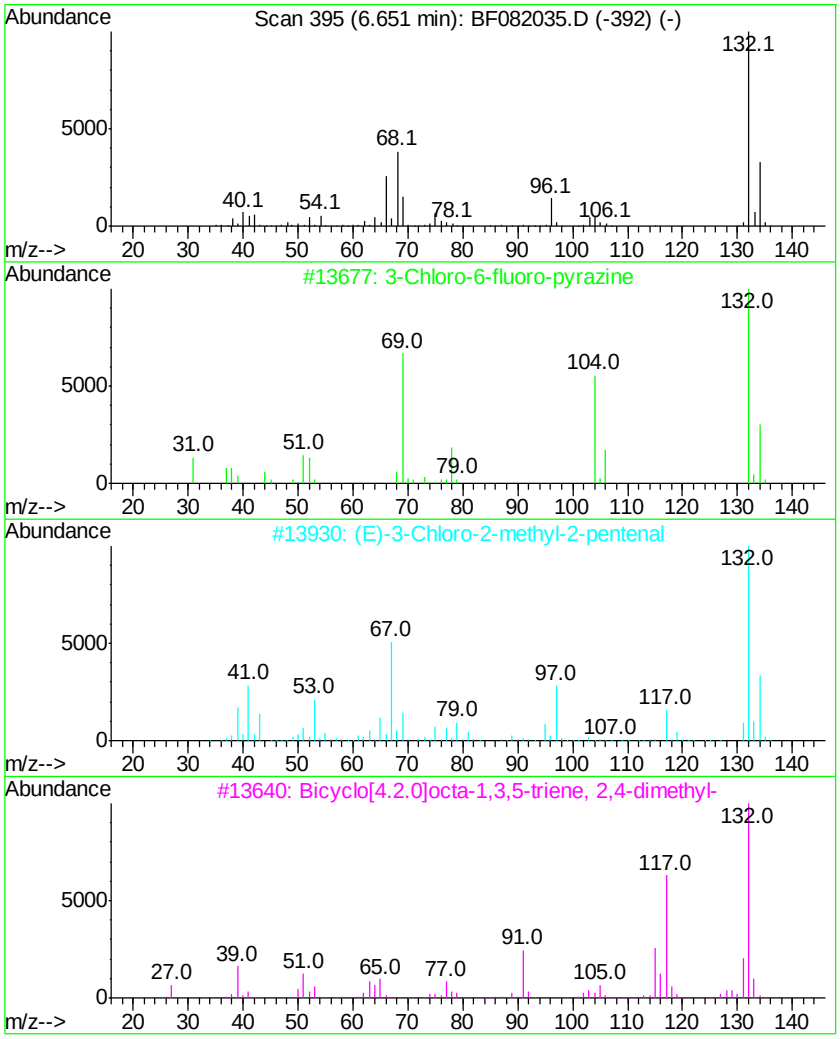
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

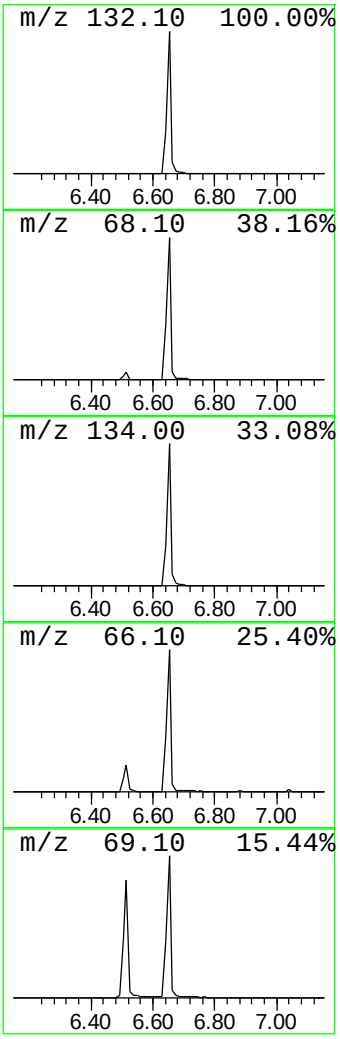
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	80.44 ng	1867710	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
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Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

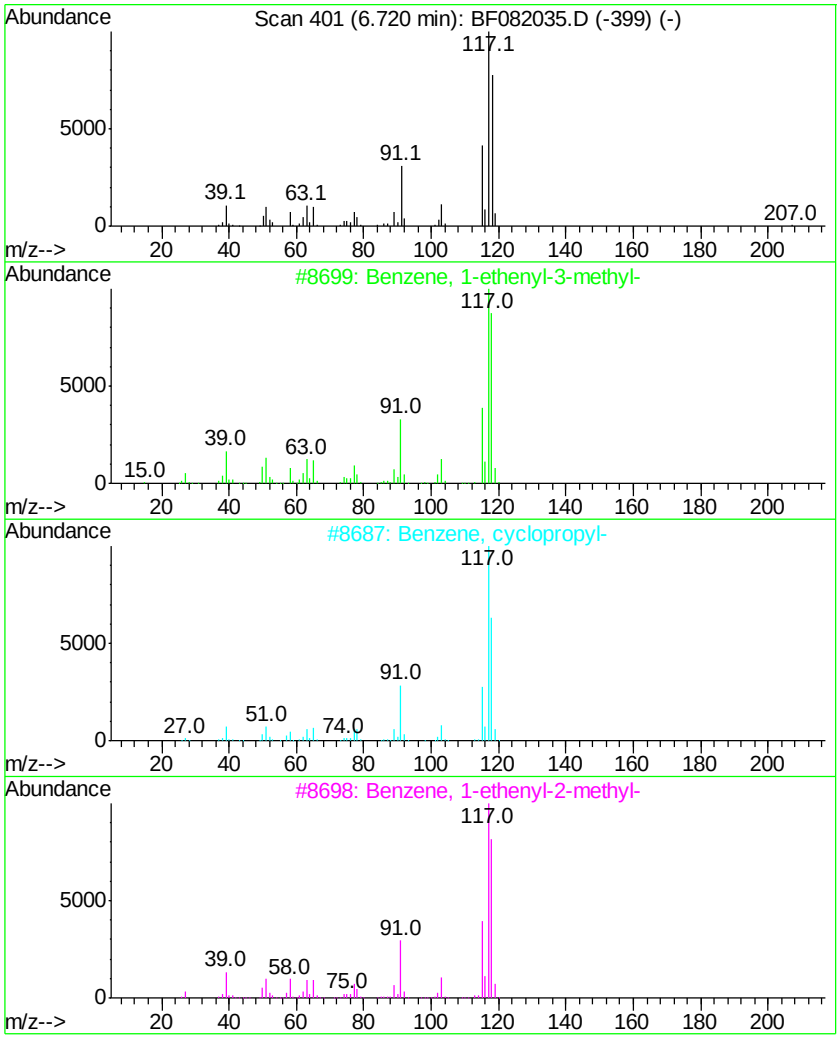
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

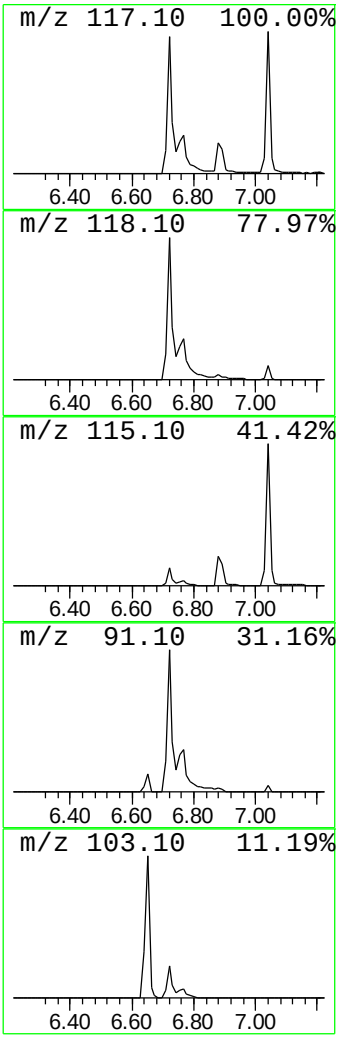
****

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	10.30 ng	239192	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	91
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082035.D
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Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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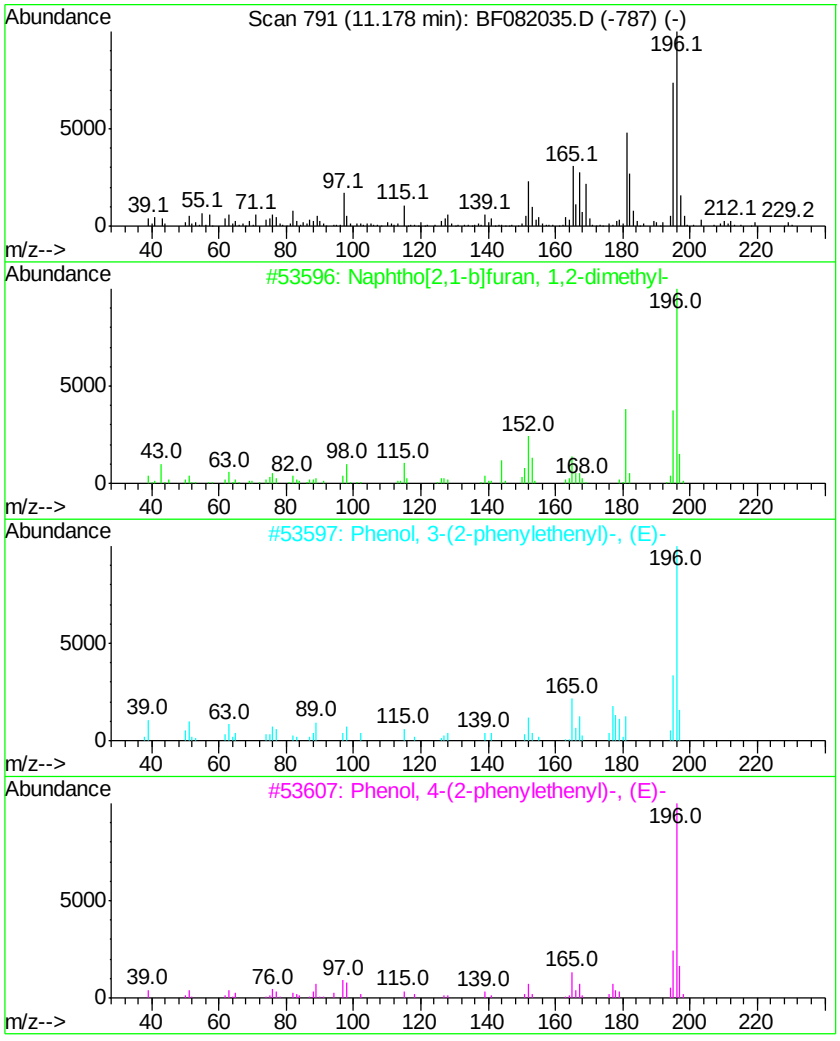
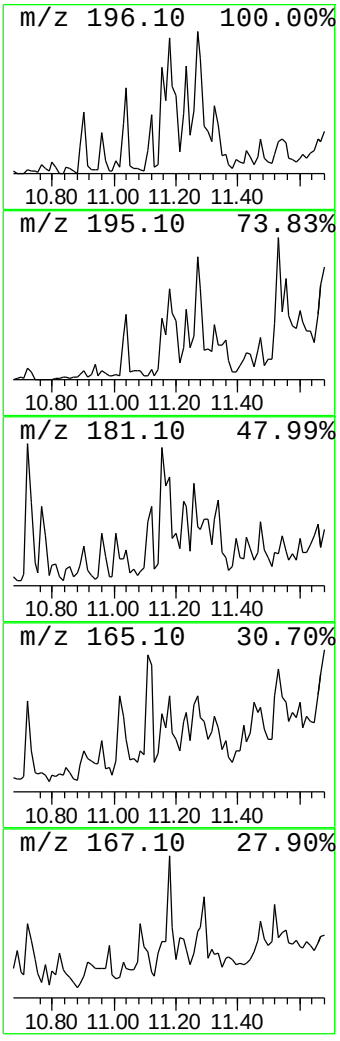
****

Peak Number 5 unknown11.18 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	10.64 ng	452933	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	47
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	45
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	45
4	9H-Fluorene, 2-methoxy-	196	C14H12O	002523-46-8	43
5	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	43





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Operator : UM/IZ
Sample : G3827-01
Misc :
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Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

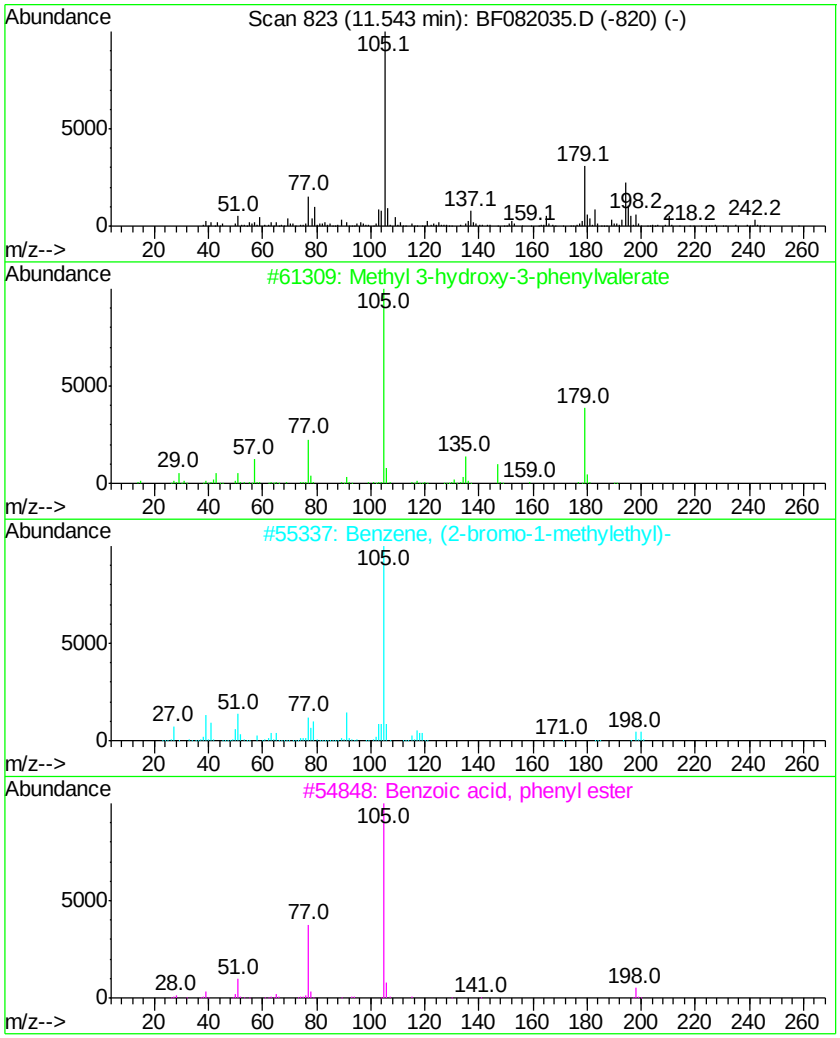
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

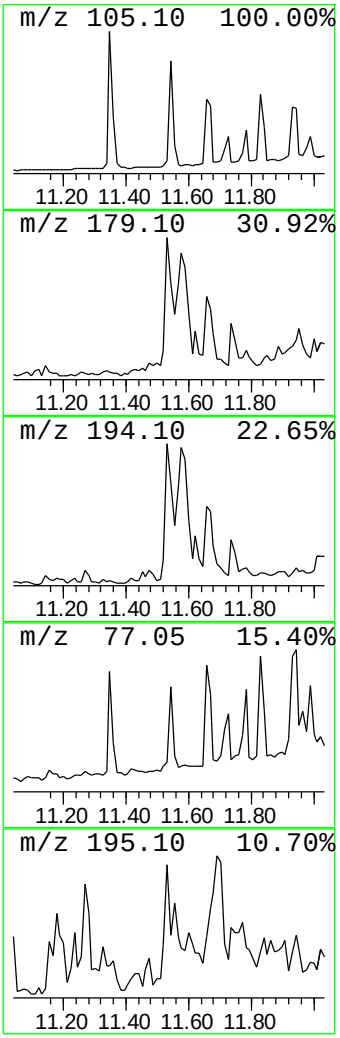
****

Peak Number 6 unknown11.54 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	15.09 ng	642669	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 3-hydroxy-3-phenylvalerate	208	C12H16O3	1000243-78-2	22
2	Benzene, (2-bromo-1-methylethyl)-	198	C9H11Br	001459-00-3	18
3	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	18
4	Benzene, 1,1'-(1-methyl-1,2-etha...	196	C15H16	005814-85-7	18
5	Ethanone, 1,2-diphenyl-	196	C14H12O	000451-40-1	14





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Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

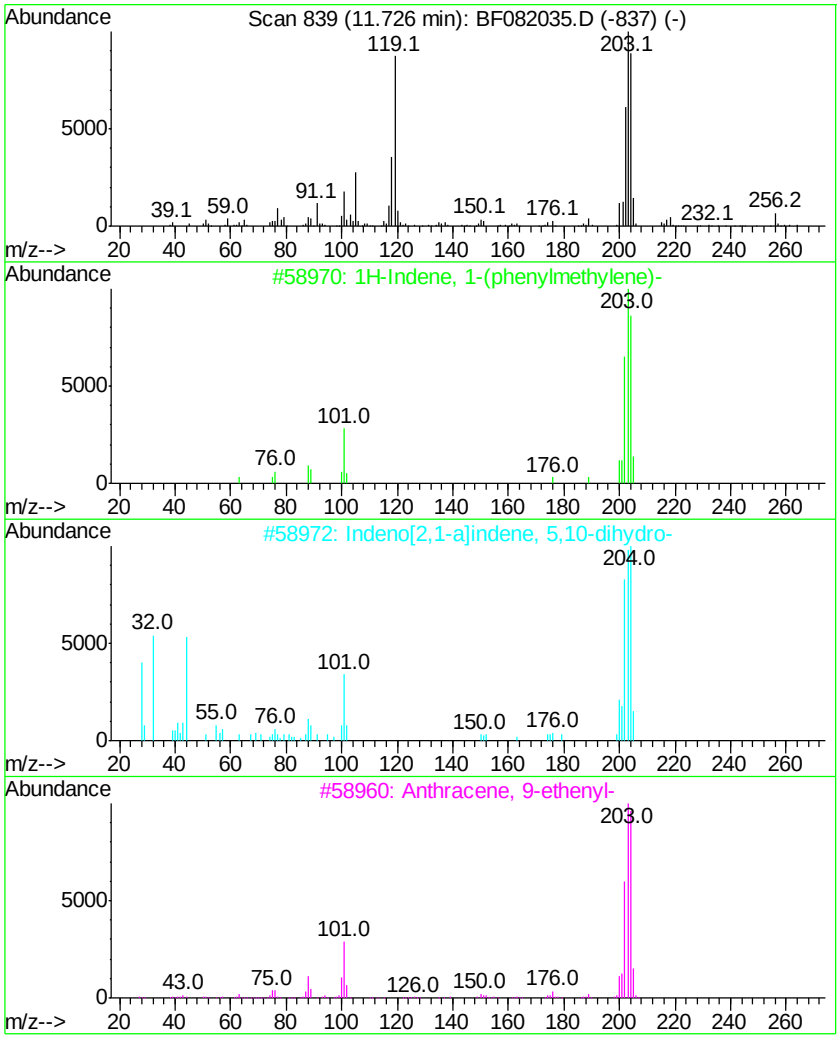
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

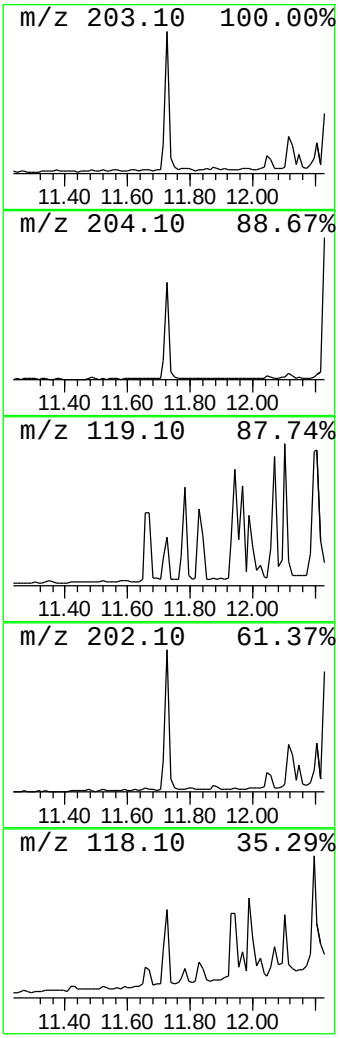
****

Peak Number 8 1H-Indene, 1-(phenylmethyle... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	11.56 ng	492352	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	64
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	64
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	50
4	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	45
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082035.D
Acq On : 3 Oct 2015 21:55
Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

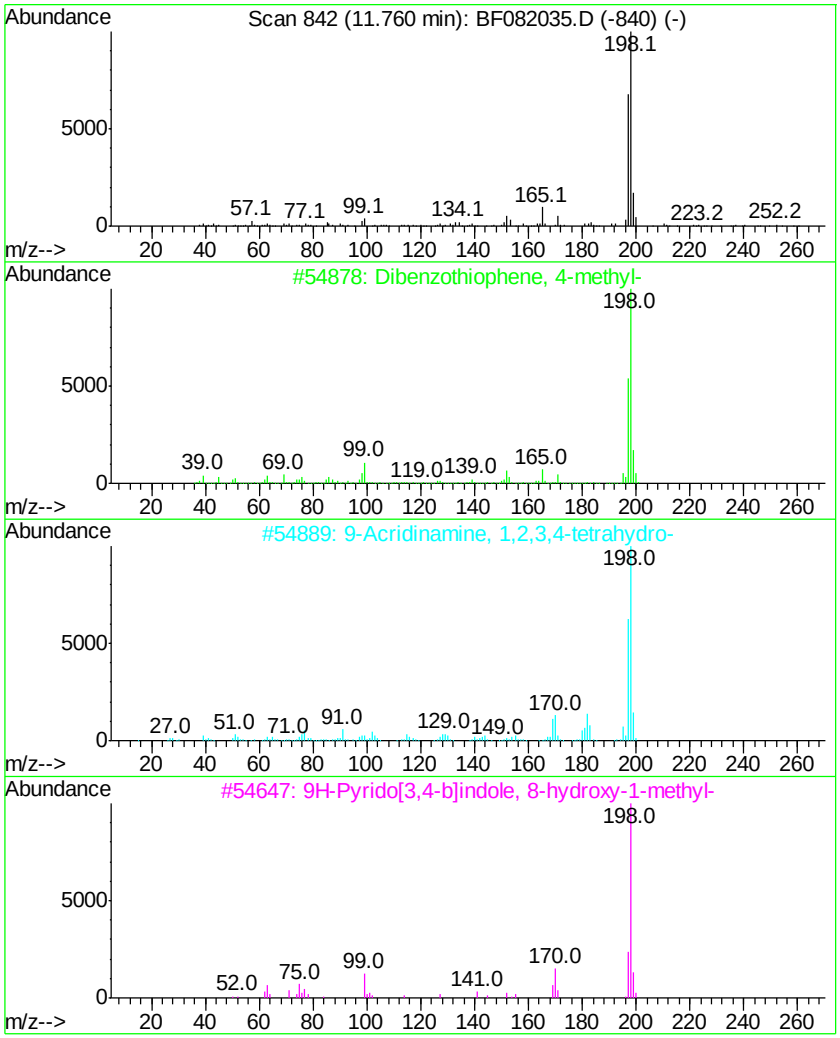
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

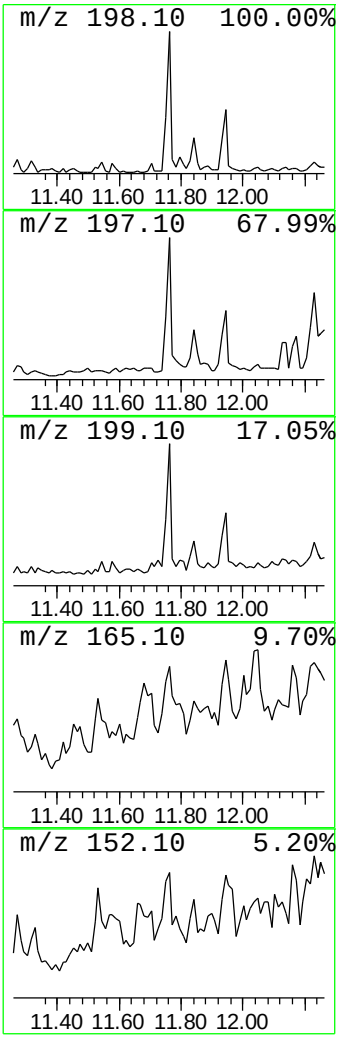
****

Peak Number 9 Dibenzothiophene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	7.88 ng	335501	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	86
2	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64
3	9H-Pyrido[3,4-b]indole, 8-hydrox...	198	C12H10N2O	1000248-36-3	59
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	56
5	O,O,O-Triethyl thiophosphate	198	C6H15O3PS	000126-68-1	55





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Acq On : 3 Oct 2015 21:55
Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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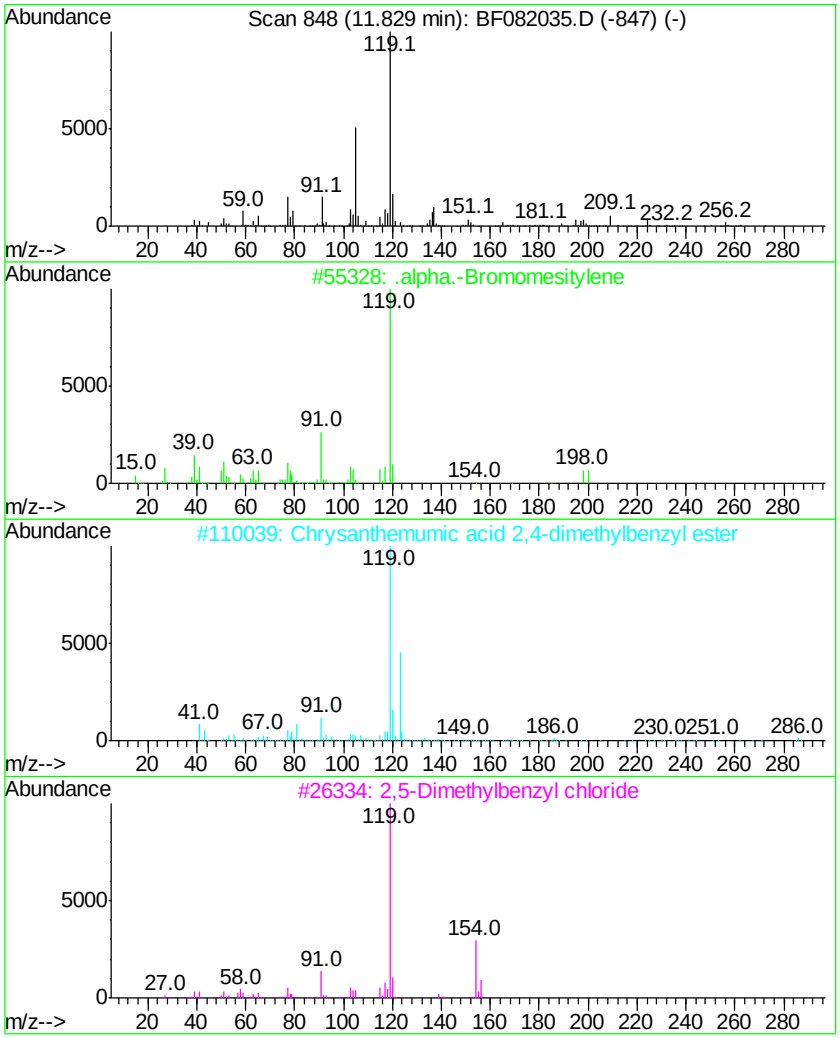
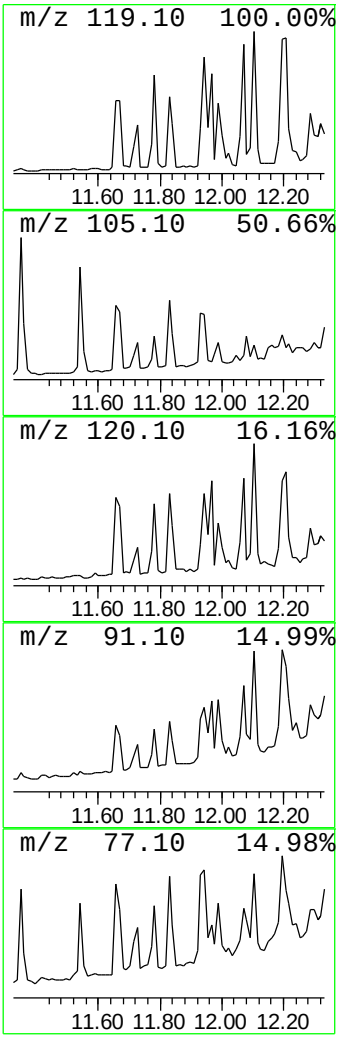
Peak Number 10 .alpha.-Bromomesitylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	11.34 ng	482698	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Bromomesitylene	198	C9H11Br	027129-86-8	70
2	Chrysanthemumic acid 2,4-dimethy...	286	C19H26O2	000070-38-2	59
3	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	59
4	Butyric acid, 3-methyl-4-(2,5-xy...	206	C13H18O2	030275-76-4	59
5	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	59





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Acq On : 3 Oct 2015 21:55
Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

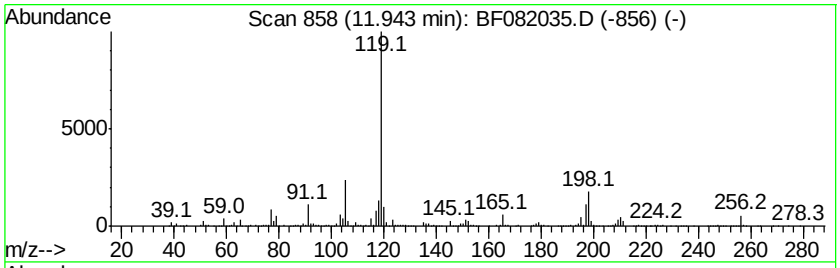
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

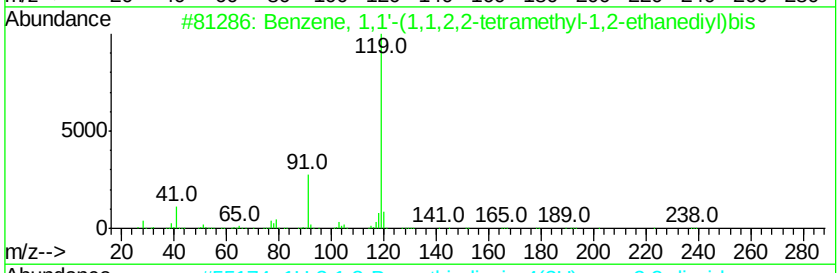
****

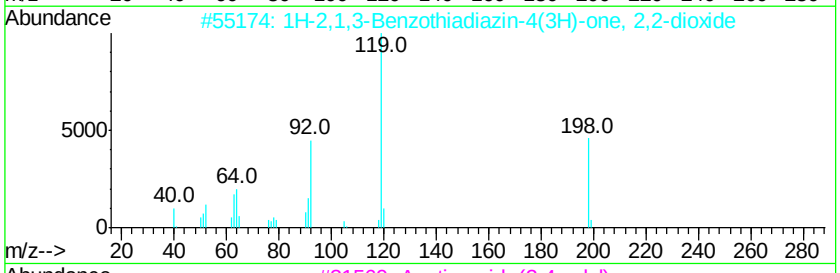
Peak Number 11 Benzene, 1,1'-(1,1,2,2-tetr... Concentration Rank 5

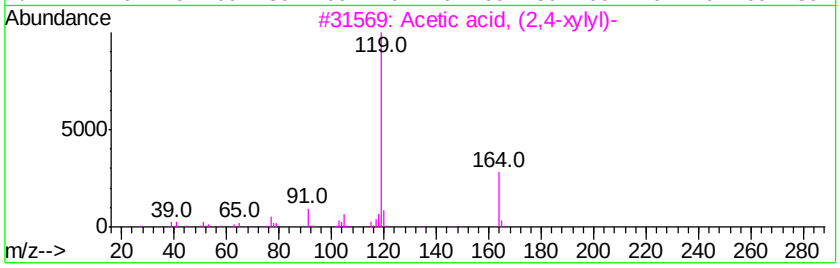
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	24.26 ng	1033200	Phenanthrene-d10	11.43

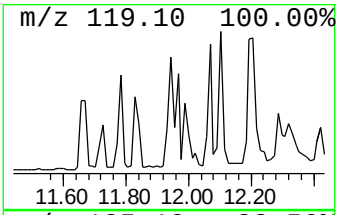
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	52
2	1H-2,1,3-Benzothiadiazin-4(3H)-o...	198	C7H6N2O3S	002225-37-8	50
3	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	49
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	47
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	47

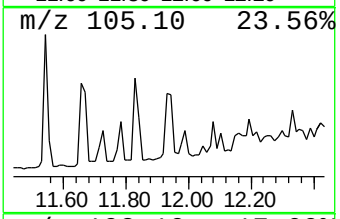


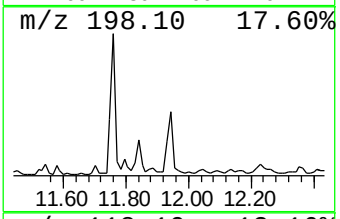


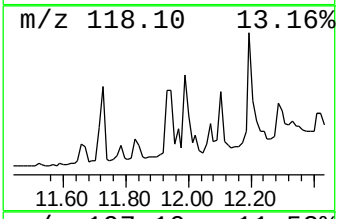


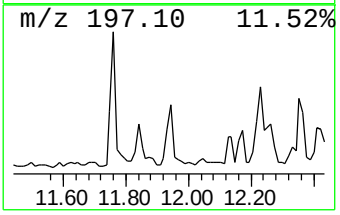












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Acq On : 3 Oct 2015 21:55
Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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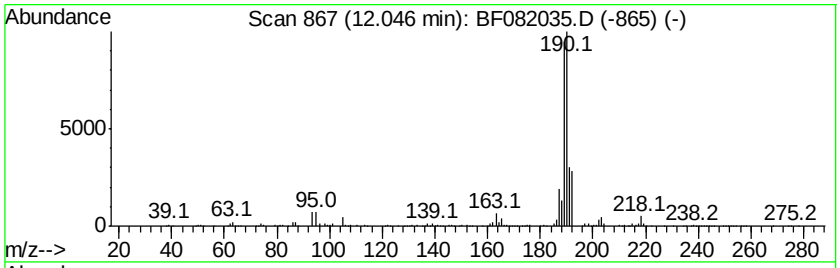
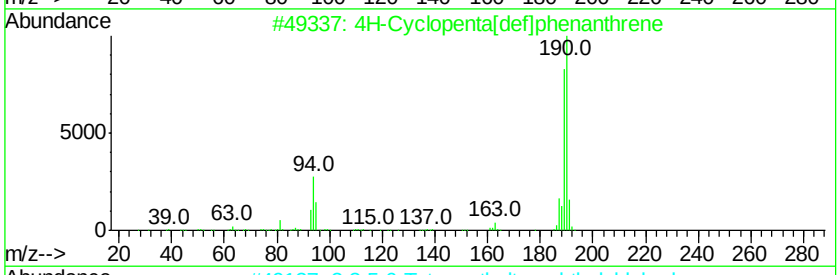
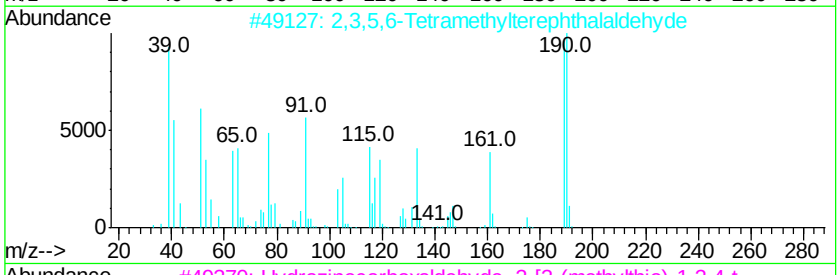
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

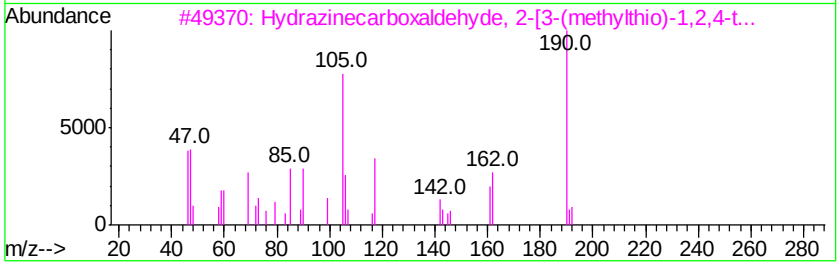
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	10.42 ng	443827	Phenanthrene-d10	11.43

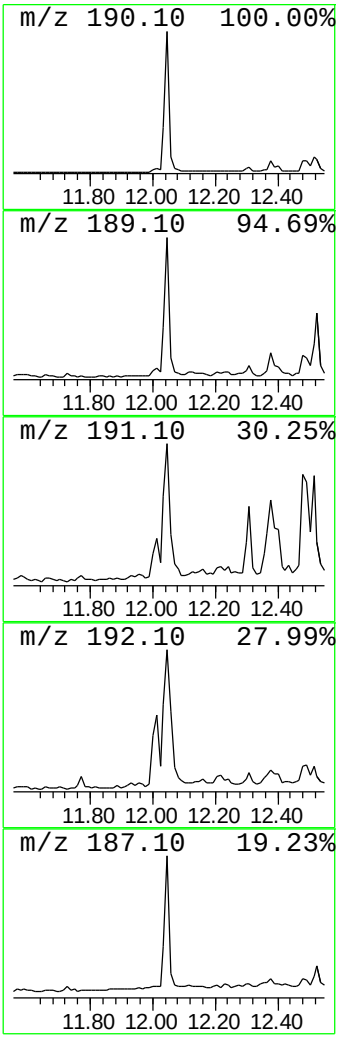
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
3	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	22
4	9H-1,2,5-Thiadiazolo[3,4-g]-1,5-...	232	C10H8N4OS	1000277-07-6	17
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17











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Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

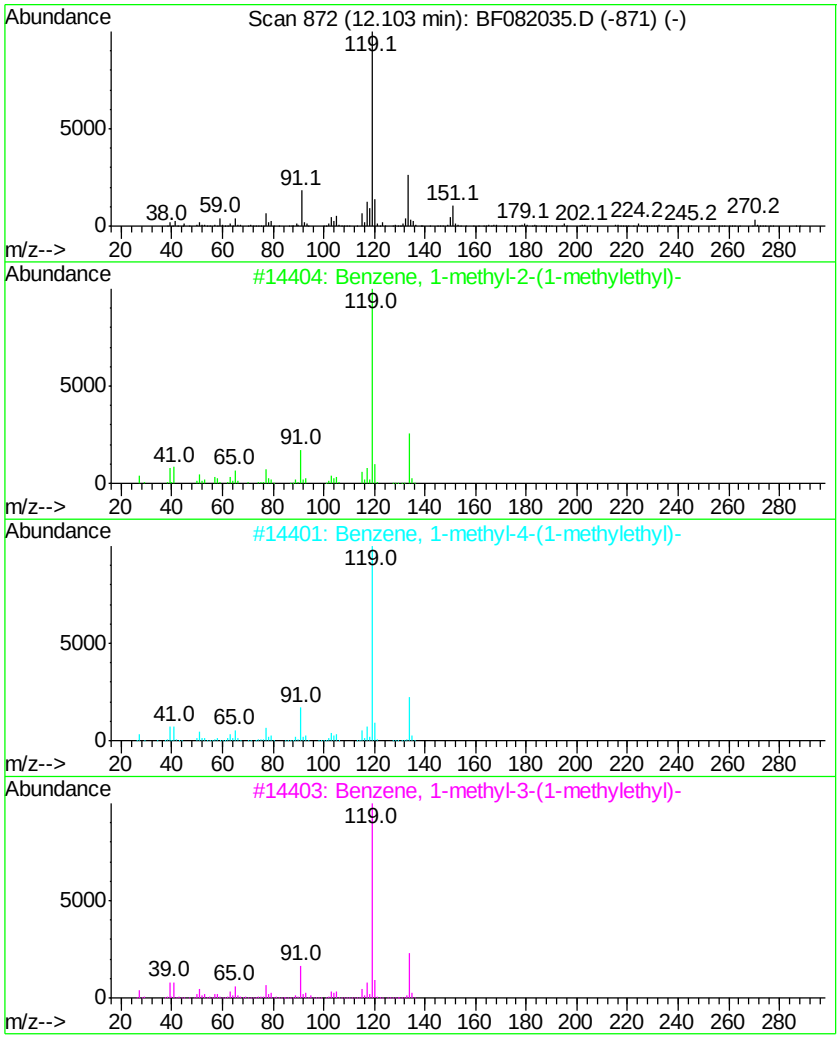
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

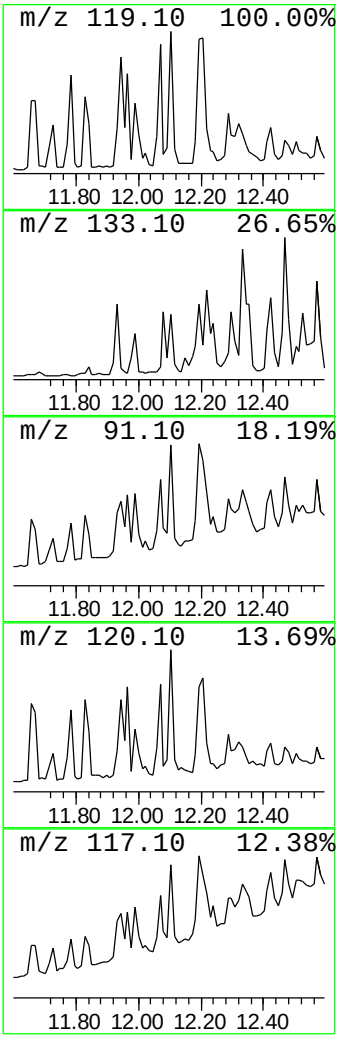
****

Peak Number 13 Benzene, 1-methyl-2-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	9.62 ng	409681	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
4	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	53
5	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	53





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Acq On : 3 Oct 2015 21:55
Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

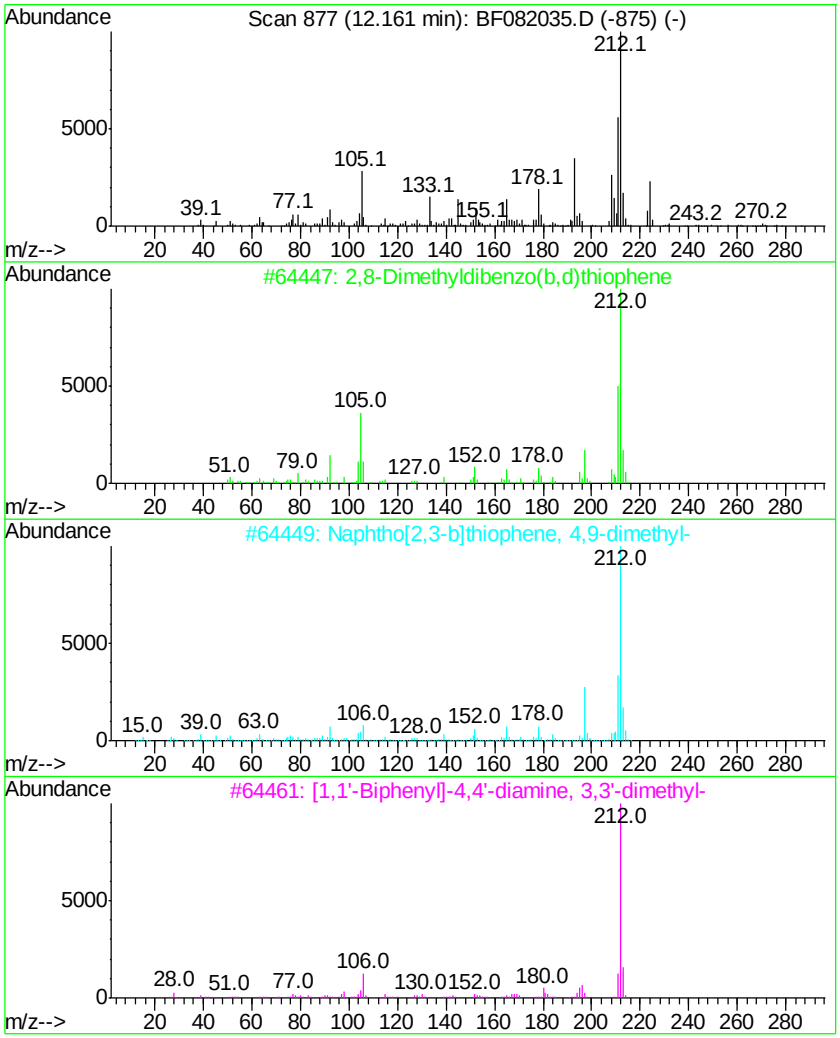
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

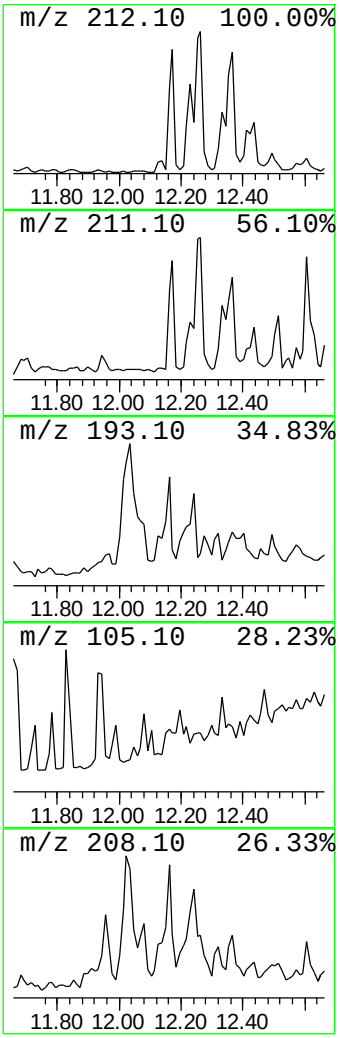
****

Peak Number 14 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	9.80 ng	417467	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	52
2	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	43
3	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	43
4	Benzo[c]2,7-naphthiridine-4,5(3H...	212	C12H8N2O2	174565-23-2	38
5	Imidazole, 4-trifluoromethyl-2-p...	212	C10H7F3N2	033469-36-2	35





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Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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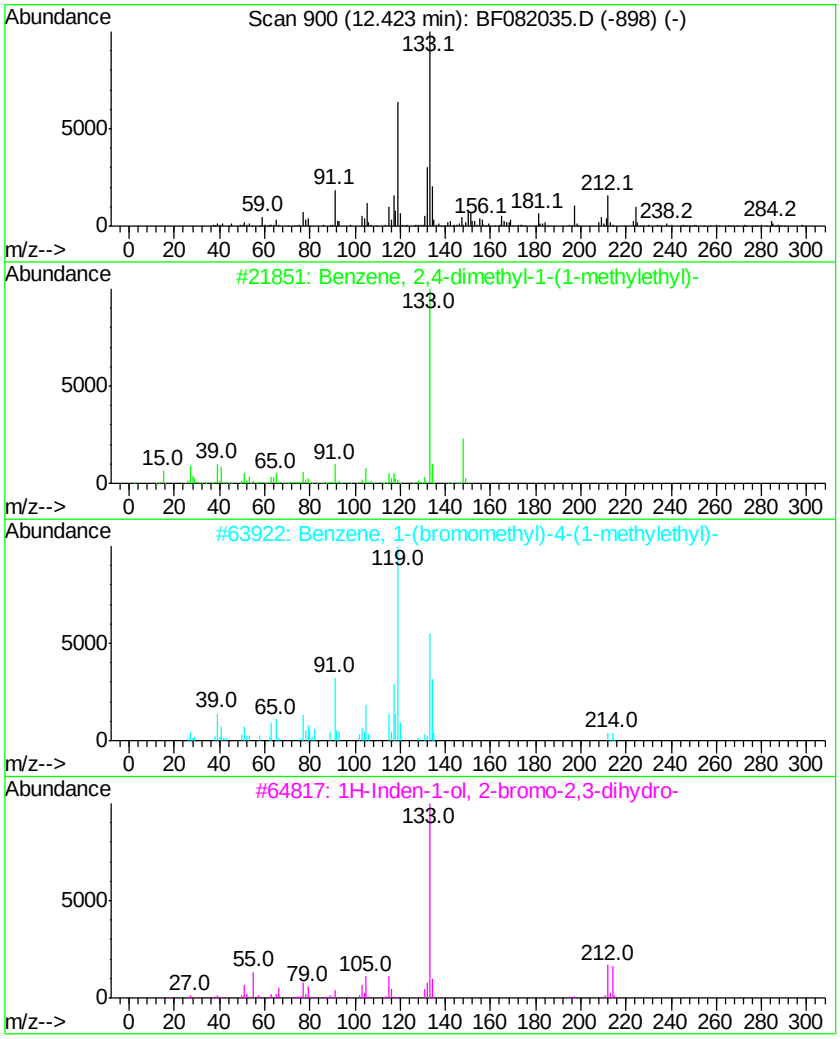
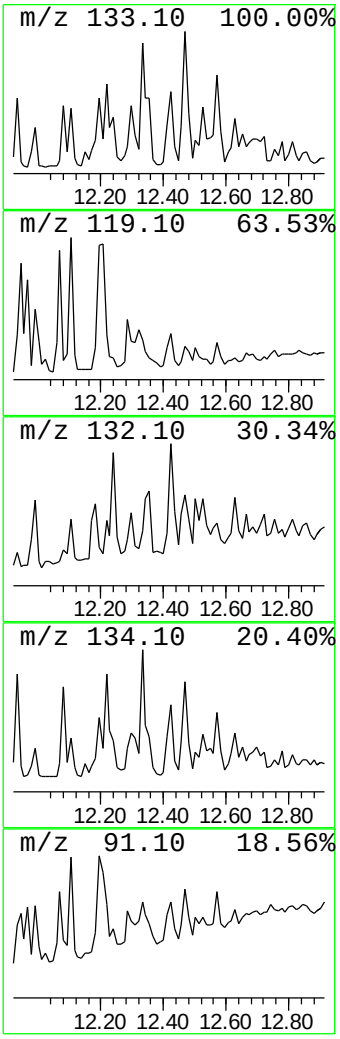
Peak Number 16 unknown12.42 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	12.17 ng	518383	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	38
2	Benzene, 1-(bromomethyl)-4-(1-me...	212	C10H13Br	073789-86-3	38
3	1H-Inden-1-ol, 2-bromo-2,3-dihydro-	212	C9H9BrO	005400-80-6	38
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	35





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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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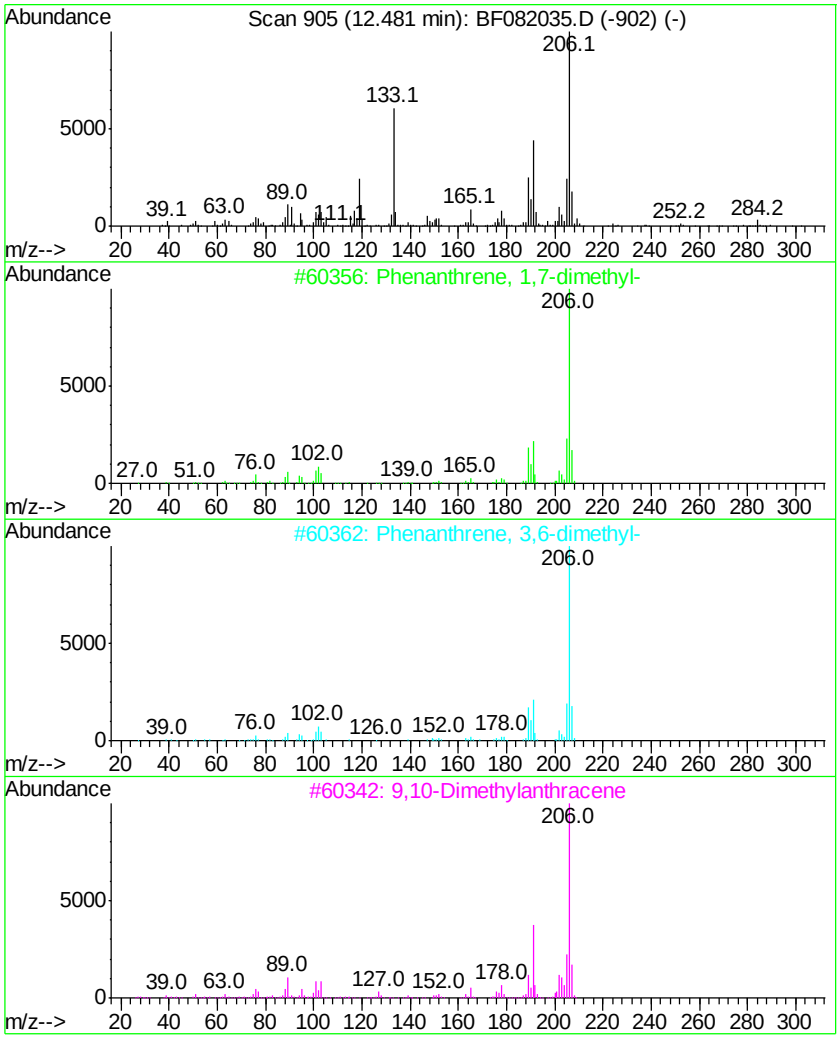
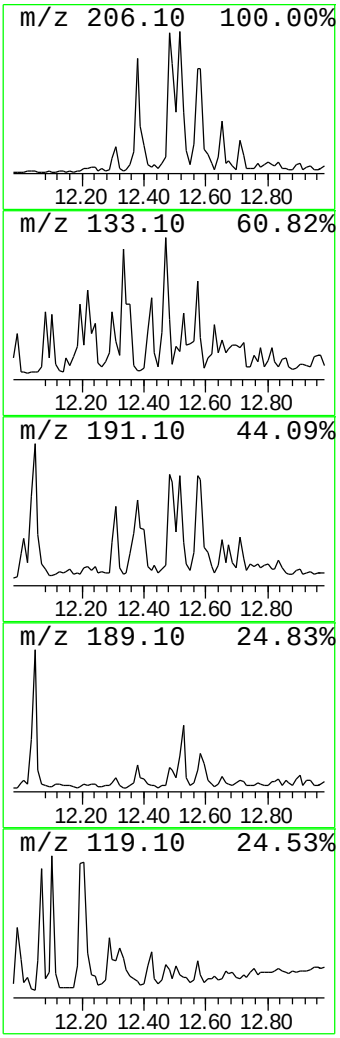
Peak Number 17 Phenanthrene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	24.57 ng	1046460	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83





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Misc :
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Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

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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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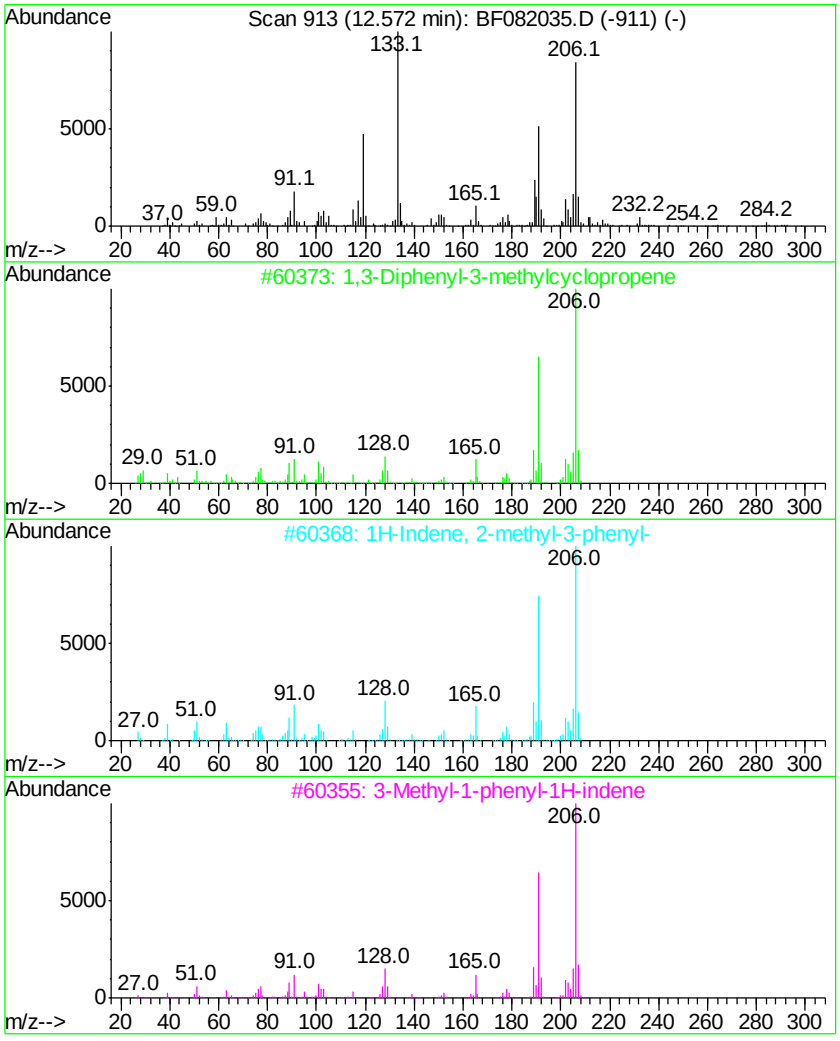
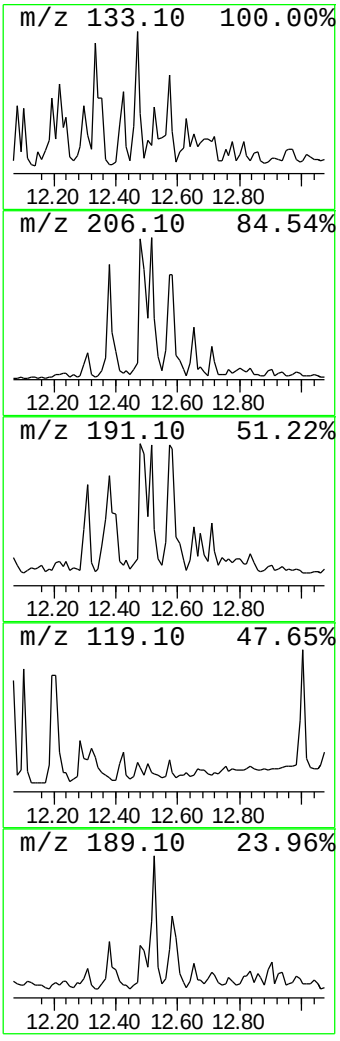
Peak Number 18 1,3-Diphenyl-3-methylcyclop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	22.61 ng	962923	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	95
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	95
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	95
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	86





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Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

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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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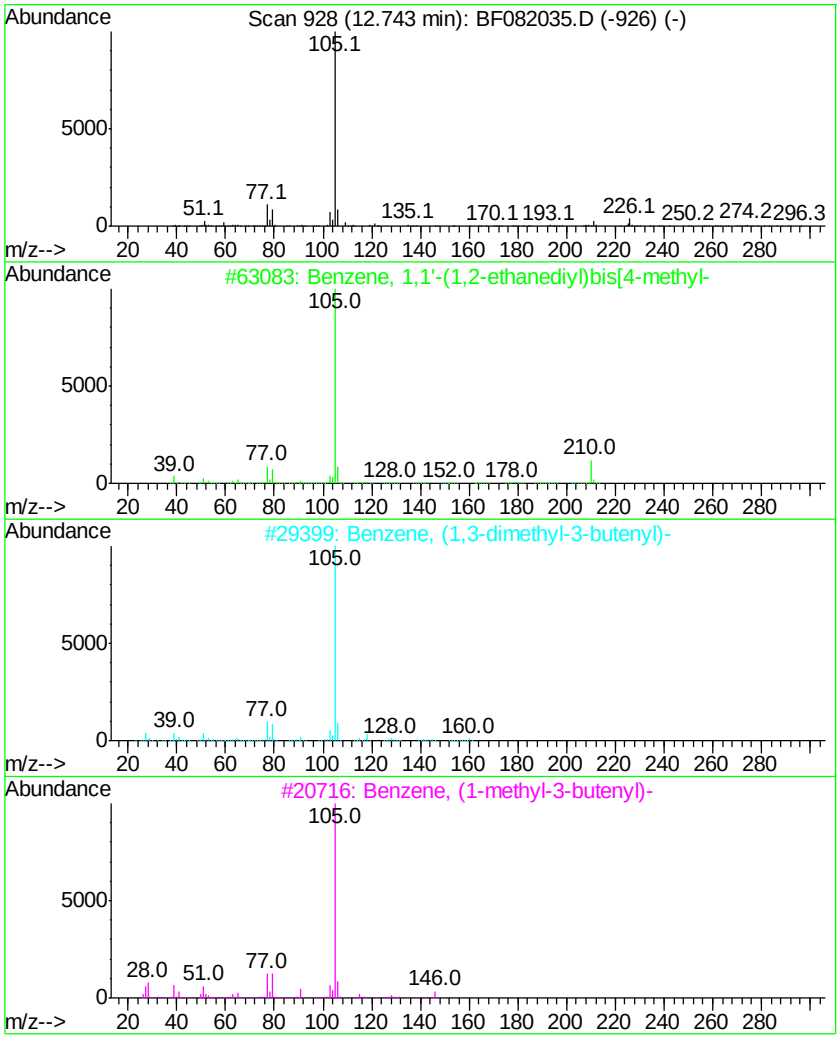
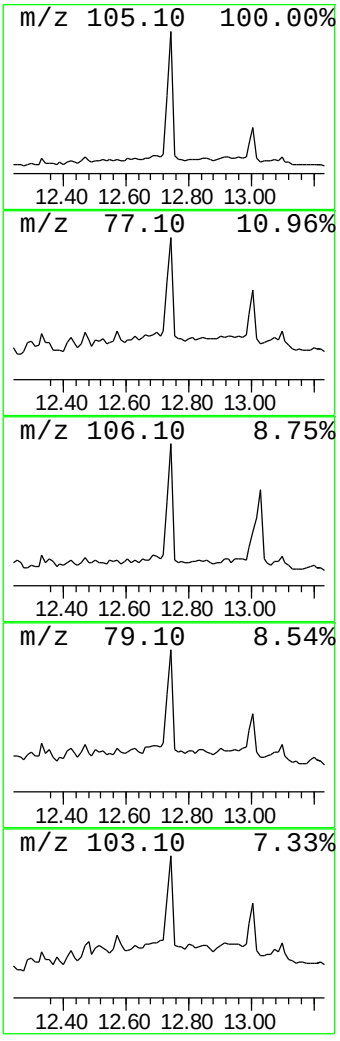
Peak Number 19 Benzene, 1,1'-(1,2-ethanedi... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	14.39 ng	612834	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-ethanediyl)bi...	210	C16H18	000538-39-6	64
2	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	59
3	Benzene, (1-methyl-3-butenyl)-	146	C11H14	010340-49-5	59
4	Benzene, 1,1'-(1,2-ethanediyl)bi...	210	C16H18	000952-80-7	59
5	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	59





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Data File : BF082035.D
Acq On : 3 Oct 2015 21:55
Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

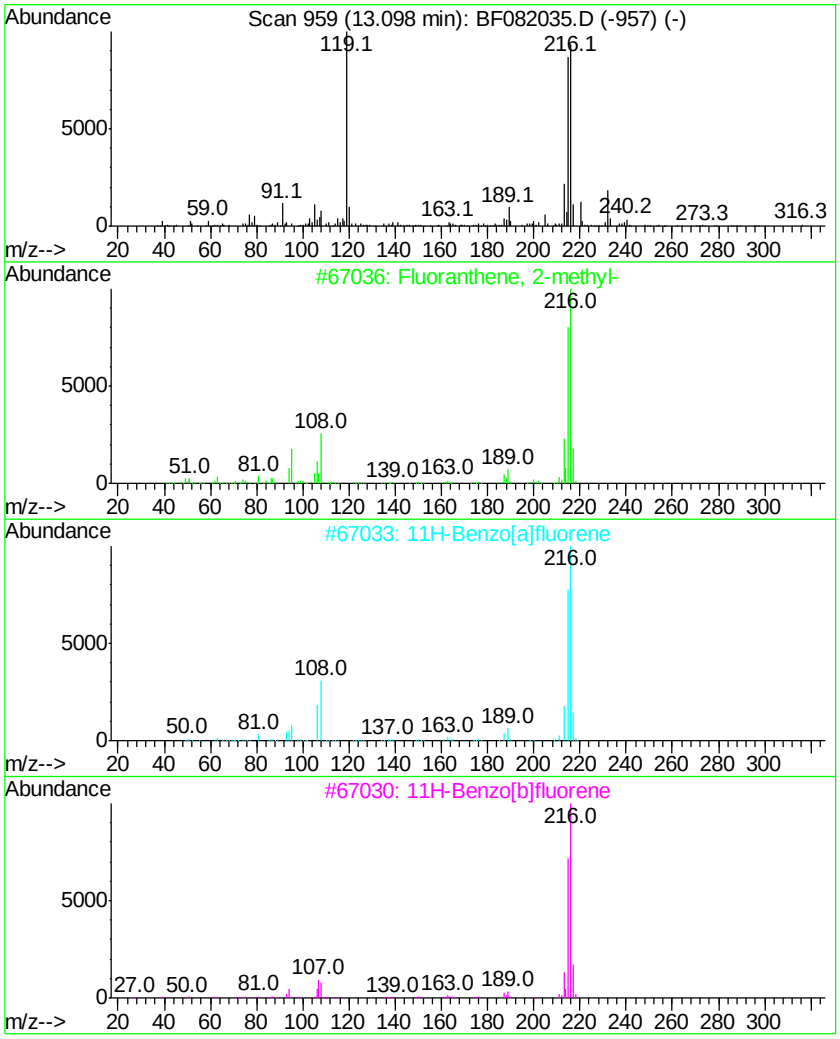
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

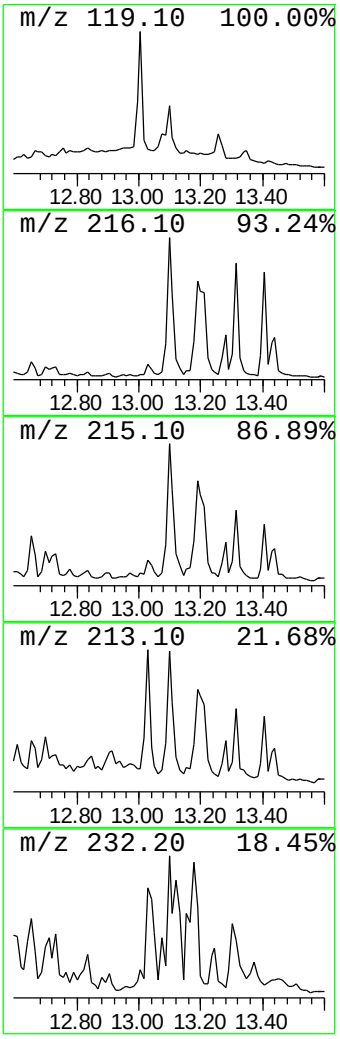
****

Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	11.67 ng	612223	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	47
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	46
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	46
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082035.D
Acq On : 3 Oct 2015 21:55
Operator : UM/IZ
Sample : G3827-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP220BR-9-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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	36.1	ng	839098	1	6.89	464357	20.0
unknown6.65	6.65	80.4	ng	1867710	1	6.89	464357	20.0
Benzene, 1-etheny...	6.72	10.3	ng	239192	1	6.89	464357	20.0
unknown11.18	11.18	10.6	ng	452933	4	11.43	851674	20.0
unknown11.54	11.54	15.1	ng	642669	4	11.43	851674	20.0
1H-Indene, 1-(phe...	11.73	11.6	ng	492352	4	11.43	851674	20.0
Dibenzothiophene,...	11.76	7.9	ng	335501	4	11.43	851674	20.0
.alpha.-Bromomesi...	11.83	11.3	ng	482698	4	11.43	851674	20.0
Benzene, 1,1'-(1,...	11.94	24.3	ng	1033200	4	11.43	851674	20.0
4H-Cyclopenta[def...	12.05	10.4	ng	443827	4	11.43	851674	20.0
Benzene, 1-methyl...	12.10	9.6	ng	409681	4	11.43	851674	20.0
2,8-Dimethyldiben...	12.16	9.8	ng	417467	4	11.43	851674	20.0
unknown12.42	12.42	12.2	ng	518383	4	11.43	851674	20.0
Phenanthrene, 1,7...	12.48	24.6	ng	1046460	4	11.43	851674	20.0
1,3-Diphenyl-3-me...	12.57	22.6	ng	962923	4	11.43	851674	20.0
Benzene, 1,1'-(1,...	12.74	14.4	ng	612834	4	11.43	851674	20.0
Fluoranthene, 2-m...	13.10	11.7	ng	612223	5	14.08	1049150	20.0