LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086399.D
Acq On : 23 Apr 2016 19:25
Operator : UM/SJ
Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

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-BF042216.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	5.024	254	257	266	rBV	662895	992939	11.31%	0.794%
2	5.447	291	294	296	rBV	4368062	4949003	56.38%	3.956%
3	5.664	310	313	322	rBV	263154	380916	4.34%	0.304%
4	6.487	381	385	387	rBV	3219543	5193565	59.17%	4.151%
5	6.613	393	396	398	rBV	4791594	4939617	56.28%	3.948%
6	6.682	398	402	404	rVV	248461	310534	3.54%	0.248%
7	6.842	414	416	421	rBV	1158627	1118086	12.74%	0.894%
8	7.002	427	430	432	rBV	4183919	4061577	46.27%	3.246%
9	7.105	437	439	443	rBV	221476	264779	3.02%	0.212%
10	7.413	463	466	468	rBV	2622301	3267847	37.23%	2.612%
11	7.505	472	474	482	rVB	111879	181978	2.07%	0.145%
12	7.699	489	491	499	rVB	839392	927717	10.57%	0.742%
13	8.122	526	528	533	rBV2	1052376	1858507	21.17%	1.486%
14	8.350	545	548	551	rBV	256012	396029	4.51%	0.317%
15	8.408	551	553	555	rBV	329082	417115	4.75%	0.333%
16	8.842	588	591	593	rBV2	614967	720274	8.21%	0.576%
17	8.933	597	599	601	rVV	487394	537355	6.12%	0.430%
18	9.208	620	623	625	rBV	4993272	5392596	61.44%	4.310%
19	9.299	629	631	637	rVB3	165721	274442	3.13%	0.219%
20	9.402	637	640	643	rVB	144335	231812	2.64%	0.185%
21	9.470	643	646	650	rBV	290120	490578	5.59%	0.392%
22	9.539	650	652	653	rBV	649171	632207	7.20%	0.505%
23	9.596	656	657	660	rVB	660856	511037	5.82%	0.408%
24	9.653	660	662	667	rVB	304023	354736	4.04%	0.284%
25	9.733	667	669	672	rVB2	233867	310782	3.54%	0.248%
26	9.882	678	682	683	rBV2	1291573	1550293	17.66%	1.239%
27	9.916	683	685	686	rVB	927665	1146959	13.07%	0.917%
28	9.985	689	691	693	rBV	152811	205204	2.34%	0.164%
29	10.031	693	695	698	rBV	192231	323747	3.69%	0.259%
30	10.076	698	699	701	rBV	525762	741215	8.44%	0.592%
31	10.122	701	703	707	rVB	232534	285080	3.25%	0.228%
32	10.191	707	709	711	rBV	154555	226529	2.58%	0.181%
33	10.282	715	717	718	rBV	178513	244008	2.78%	0.195%
34	10.316	718	720	722	rVB2	178392	214649	2.45%	0.172%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086399.D
Acq On : 23 Apr 2016 19:25
Operator : UM/SJ
Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

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-BF042216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.419	727	729	732	rBV	974965	1441126	16.42%	1.152%
36	10.488	732	735	736	rBV	327251	430384	4.90%	0.344%
37	10.579	742	743	746	rVB	329097	342195	3.90%	0.274%
38	10.671	748	751	753	rVV	2316972	2845993	32.42%	2.275%
39	10.785	759	761	765	rVB	297380	401131	4.57%	0.321%
40	10.968	774	777	779	rBV3	349620	665443	7.58%	0.532%
41	11.002	779	780	783	rVV	245409	259275	2.95%	0.207%
42	11.059	783	785	786	rVB	168835	228712	2.61%	0.183%
43	11.116	788	790	793	rVB3	143655	252210	2.87%	0.202%
44	11.162	793	794	797	rVB2	128955	183743	2.09%	0.147%
45	11.219	797	799	801	rBV2	217403	436042	4.97%	0.349%
46	11.254	801	802	809	rVB	617686	941976	10.73%	0.753%
47	11.391	809	814	816	rBV2	4992376	8777605	100.00%	7.016%
48	11.436	816	818	820	rVV	1795544	2380469	27.12%	1.903%
49	11.471	820	821	824	rVV2	239160	284071	3.24%	0.227%
50	11.596	828	832	836	rBV	720967	1113155	12.68%	0.890%
51	11.665	836	838	839	rBV	165803	226350	2.58%	0.181%
52	11.688	839	840	843	rBV	242784	269813	3.07%	0.216%
53	11.779	846	848	850	rVB2	196811	265775	3.03%	0.212%
54	11.859	853	855	857	rBV	970453	1642441	18.71%	1.313%
55	11.894	857	858	860	rVB	1692346	1313245	14.96%	1.050%
56	11.939	860	862	863	rBV	736522	672683	7.66%	0.538%
57	11.974	863	865	870	rVB2	1904767	3216373	36.64%	2.571%
58	12.065	870	873	875	rBV3	110078	228430	2.60%	0.183%
59	12.156	879	881	886	rVB2	694841	1173254	13.37%	0.938%
60	12.305	892	894	896	rBV2	252150	345547	3.94%	0.276%
61	12.339	896	897	901	rVB	306969	464956	5.30%	0.372%
62	12.419	901	904	905	rBV	716746	932697	10.63%	0.746%
63	12.454	905	907	910	rVB	536987	789402	8.99%	0.631%
64	12.511	910	912	916	rVB3	339773	561451	6.40%	0.449%
65	12.591	916	919	921	rBV	5155151	6067601	69.13%	4.850%
66	12.636	921	923	925	rVV3	199985	379356	4.32%	0.303%
67	12.728	927	931	933	rBV2	344485	594319	6.77%	0.475%
68	12.808	935	938	941	rVV	4162382	7184292	81.85%	5.742%
69	12.854	941	942	946	rVB2	357779	407672	4.64%	0.326%
70	12.922	946	948	949	rBV	398920	595028	6.78%	0.476%
71	12.957	949	951	954	rVV	2724804	3998822	45.56%	3.196%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086399.D
Acq On : 23 Apr 2016 19:25
Operator : UM/SJ
Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

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-BF042216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.025	954	957	961	rVV3	524934	968741	11.04%	0.774%
73	13.128	963	966	968	rVV	910964	1472355	16.77%	1.177%
74	13.197	968	972	974	rVV2	806915	1117966	12.74%	0.894%
75	13.231	974	975	979	rVV2	753542	1121002	12.77%	0.896%
76	13.322	982	983	985	rVV	430167	505457	5.76%	0.404%
77	13.357	985	986	991	rVB	509608	543688	6.19%	0.435%
78	13.528	999	1001	1002	rBV2	236393	254703	2.90%	0.204%
79	13.631	1008	1010	1013	rVB2	234413	410484	4.68%	0.328%
80	13.745	1017	1020	1021	rBV2	483746	663545	7.56%	0.530%
81	13.779	1021	1023	1024	rVV	404994	639207	7.28%	0.511%
82	13.848	1027	1029	1033	rVB	525784	669710	7.63%	0.535%
83	13.917	1033	1035	1038	rVB	113351	175845	2.00%	0.141%
84	13.997	1038	1042	1043	rBV2	2519890	4257944	48.51%	3.403%
85	14.031	1043	1045	1049	rVB	2191821	2787297	31.75%	2.228%
86	14.099	1049	1051	1054	rVB	353535	351634	4.01%	0.281%
87	14.168	1055	1057	1058	rBV2	163585	180201	2.05%	0.144%
88	14.385	1074	1076	1077	rBV	396433	384147	4.38%	0.307%
89	14.420	1077	1079	1081	rVB	227277	230248	2.62%	0.184%
90	14.477	1081	1084	1085	rBV2	322542	415658	4.74%	0.332%
91	14.511	1085	1087	1090	rVB3	172170	430340	4.90%	0.344%
92	14.625	1095	1097	1100	rVB	1888384	1914089	21.81%	1.530%
93	15.014	1128	1131	1136	rBV	1391156	3470204	39.53%	2.774%
94	15.117	1139	1140	1142	rVB	331333	279369	3.18%	0.223%
95	15.300	1154	1156	1159	rVB	806673	1206777	13.75%	0.965%
96	15.368	1159	1162	1164	rBV	1080788	1718111	19.57%	1.373%
97	15.425	1164	1167	1168	rBV	376422	650708	7.41%	0.520%
98	16.808	1284	1288	1292	rVB2	486909	1098358	12.51%	0.878%
99	16.968	1299	1302	1304	rBV	114307	257335	2.93%	0.206%
100	17.220	1320	1324	1332	rVB	403635	966517	11.01%	0.773%

Sum of corrected areas: 125108389

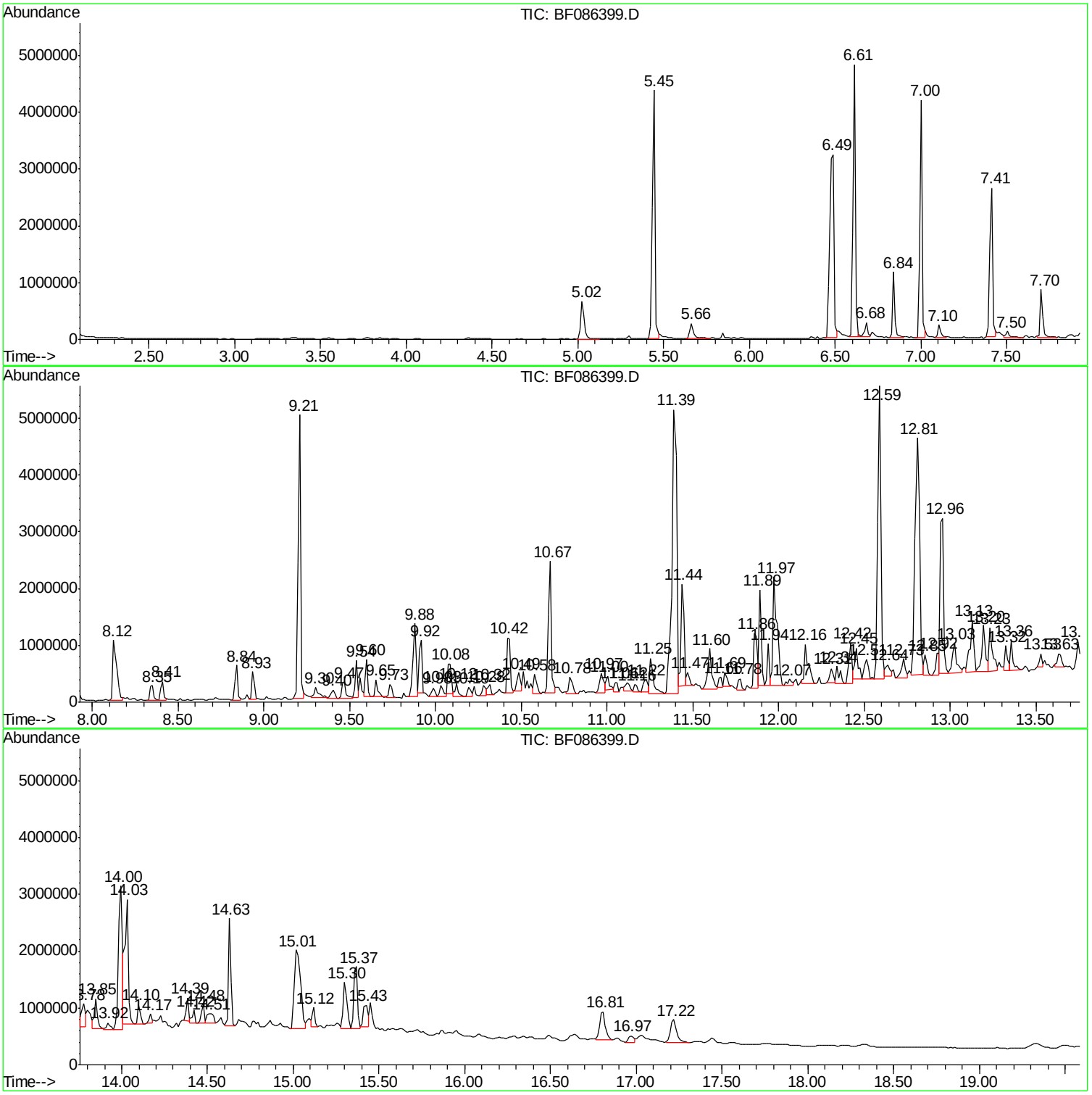
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086399.D
Acq On : 23 Apr 2016 19:25
Operator : UM/SJ
Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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\BF042216\
Data File : BF086399.D
Acq On : 23 Apr 2016 19:25
Operator : UM/SJ
Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

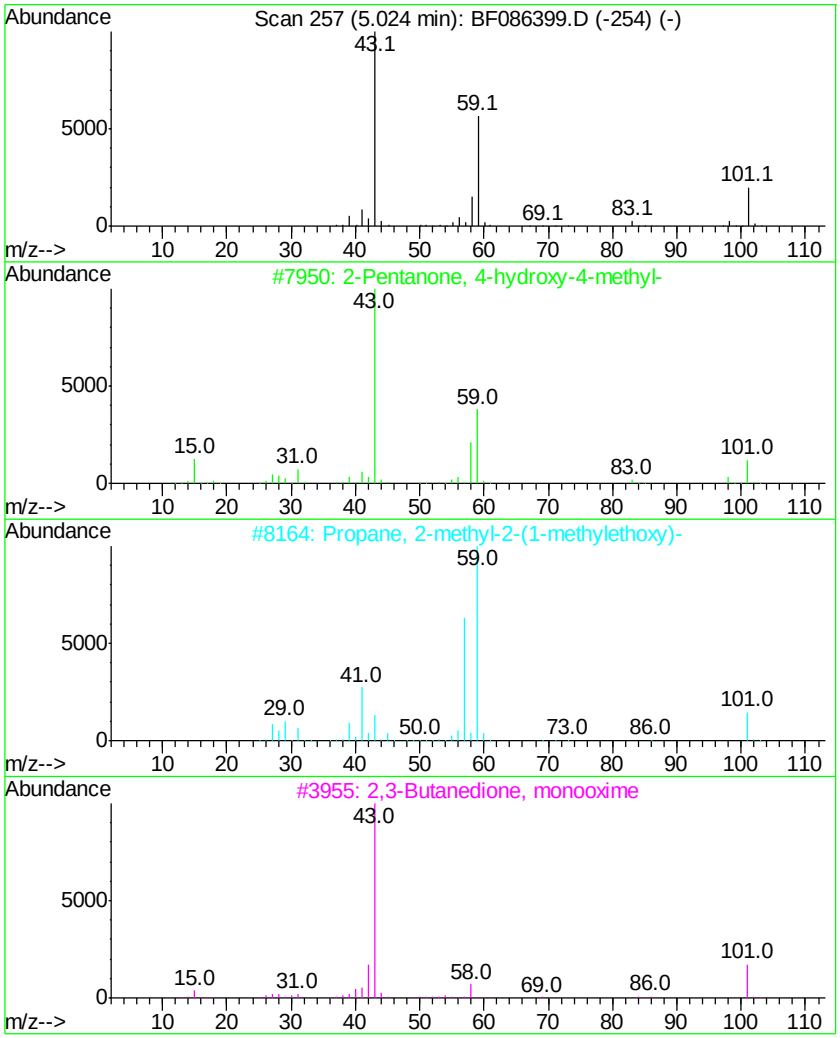
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

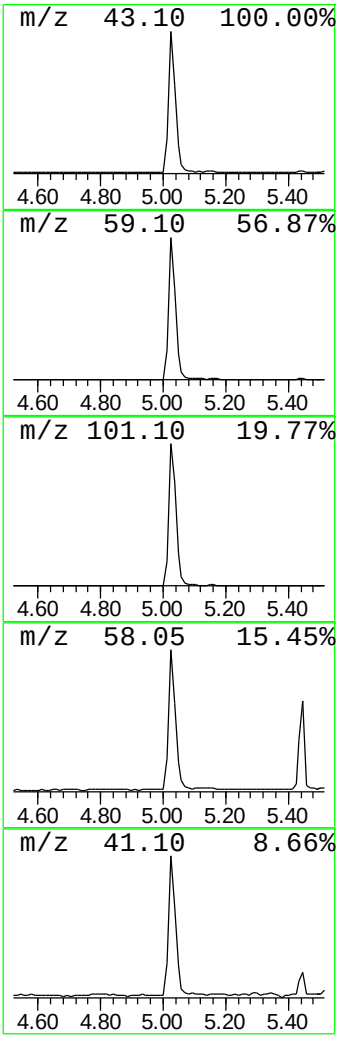
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	17.76 ng	992939	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086399.D
Acq On : 23 Apr 2016 19:25
Operator : UM/SJ
Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

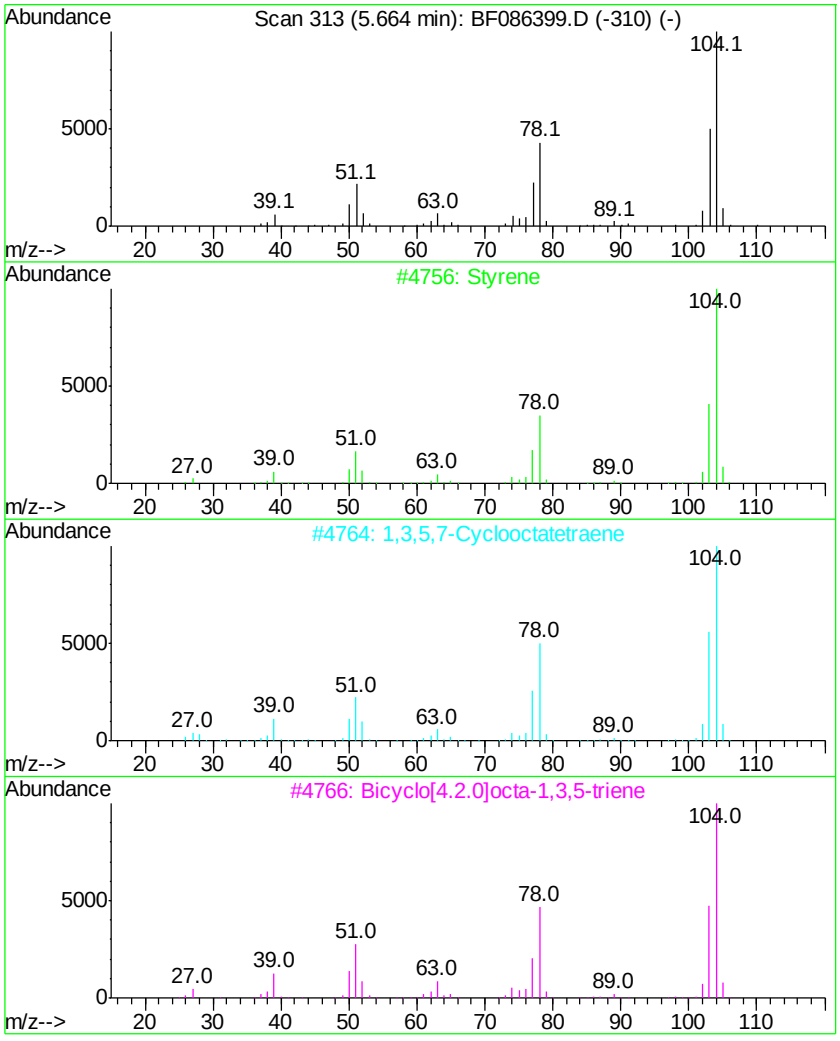
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

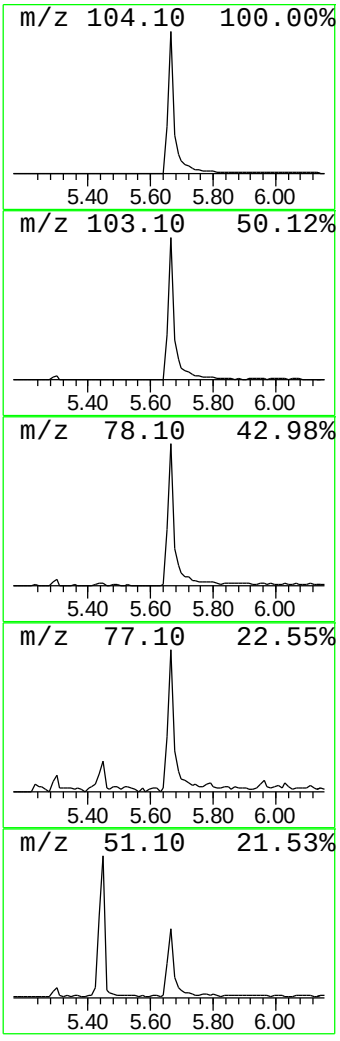
****

Peak Number 2 Styrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	6.81 ng	380916	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	97
2	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	96
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	50
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086399.D
Acq On : 23 Apr 2016 19:25
Operator : UM/SJ
Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

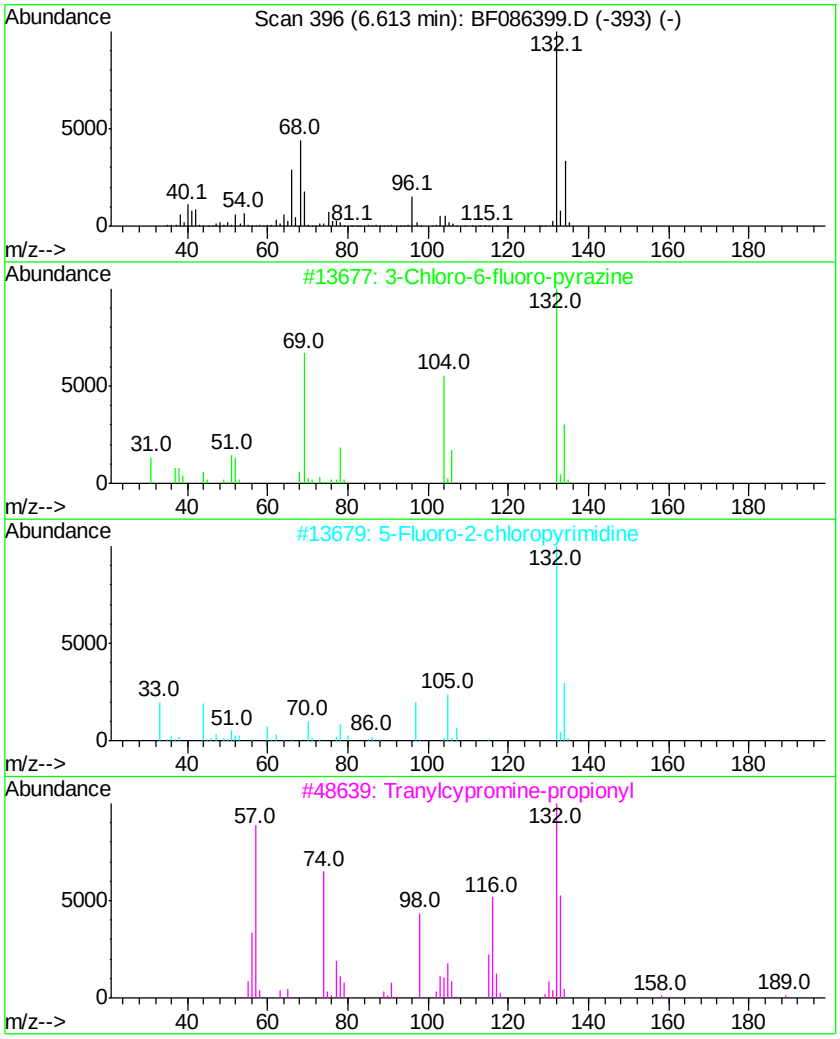
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

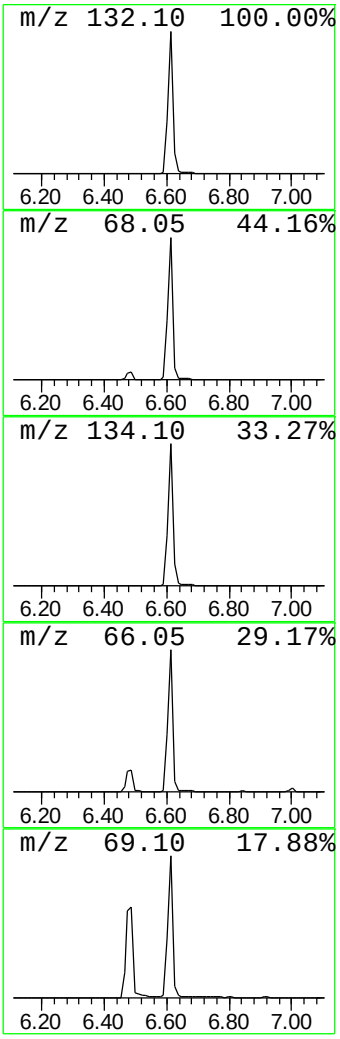
****

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	88.36 ng	4939620	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086399.D
Acq On : 23 Apr 2016 19:25
Operator : UM/SJ
Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

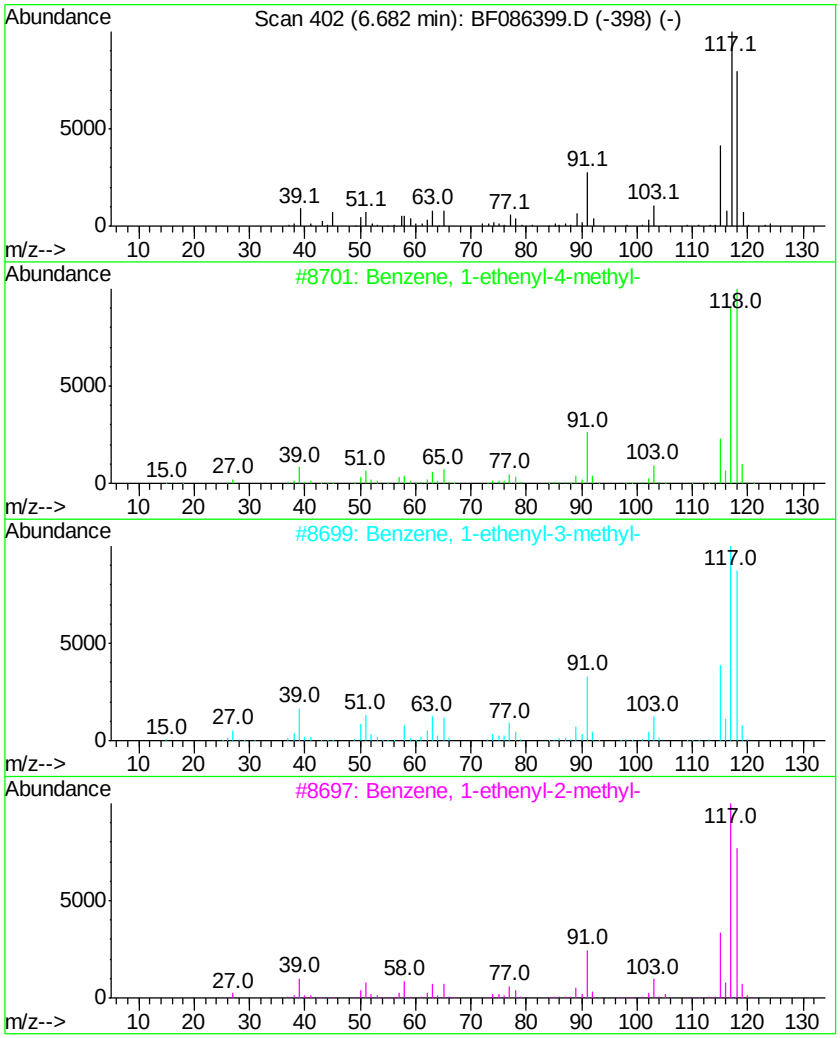
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

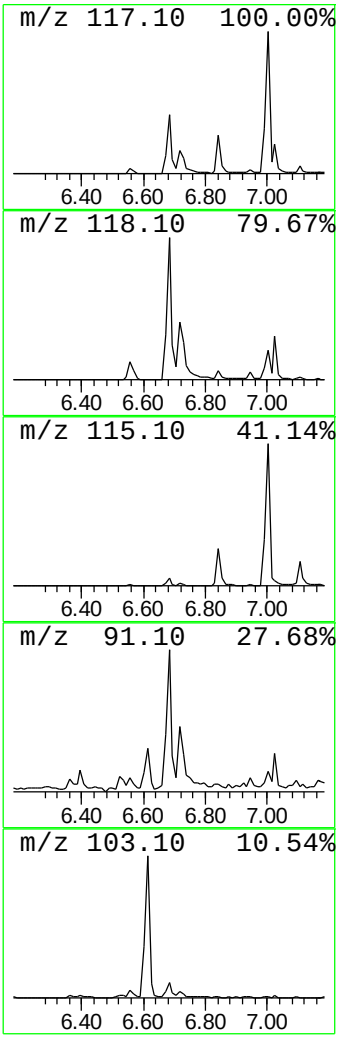
****

Peak Number 4 Benzene, 1-ethenyl-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	5.55 ng	310534	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086399.D
Acq On : 23 Apr 2016 19:25
Operator : UM/SJ
Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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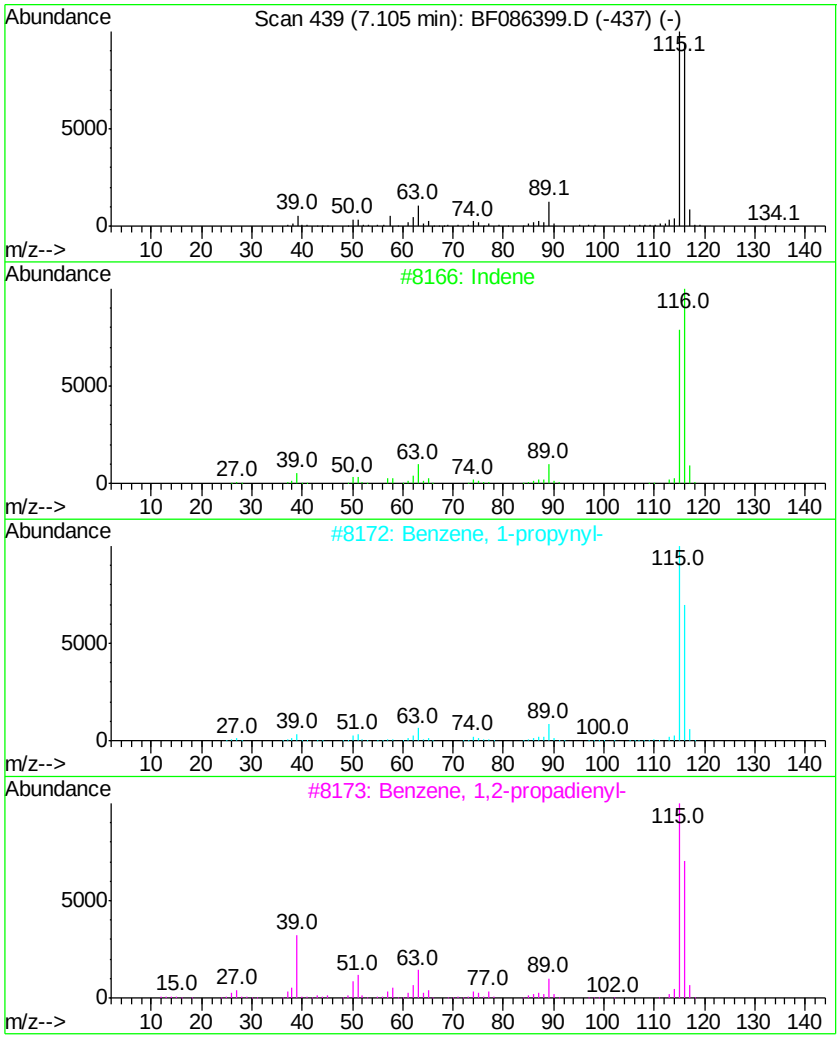
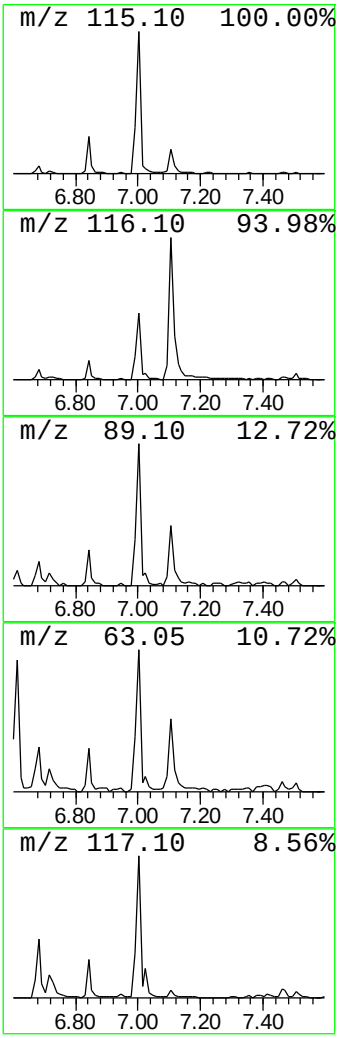
Peak Number 6 Indene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	4.74 ng	264779	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	90





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Acq On : 23 Apr 2016 19:25
Operator : UM/SJ
Sample : H2640-23
Misc :
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Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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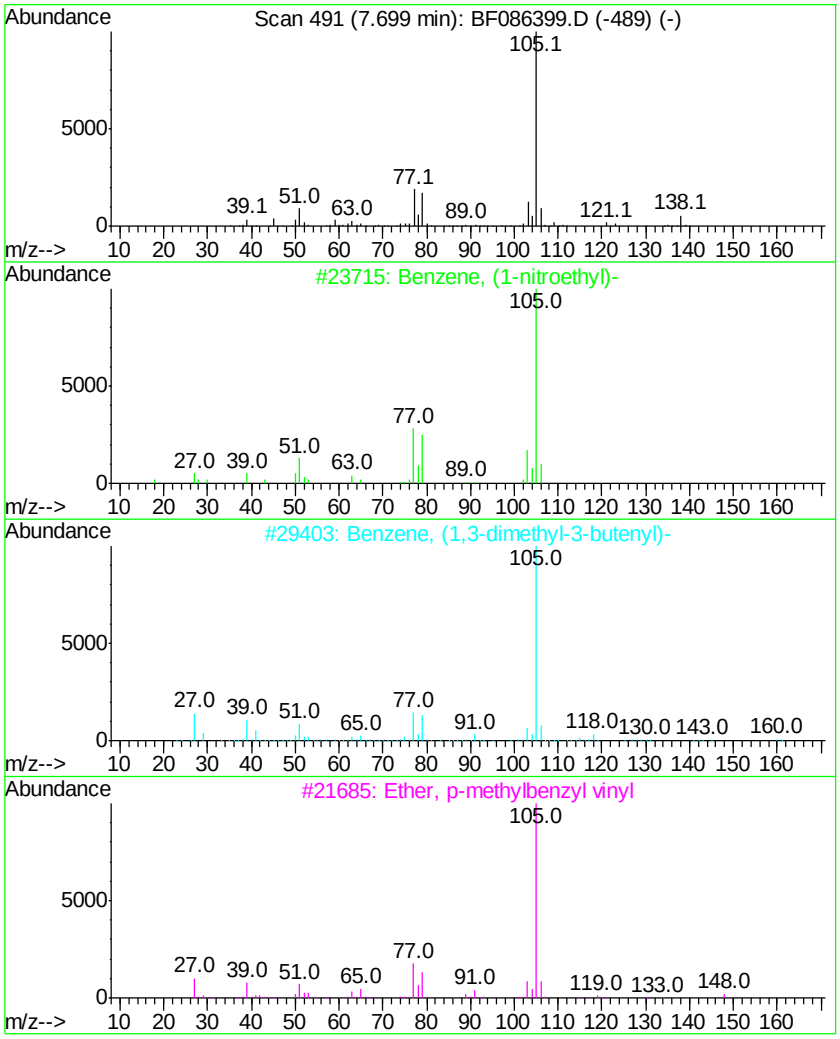
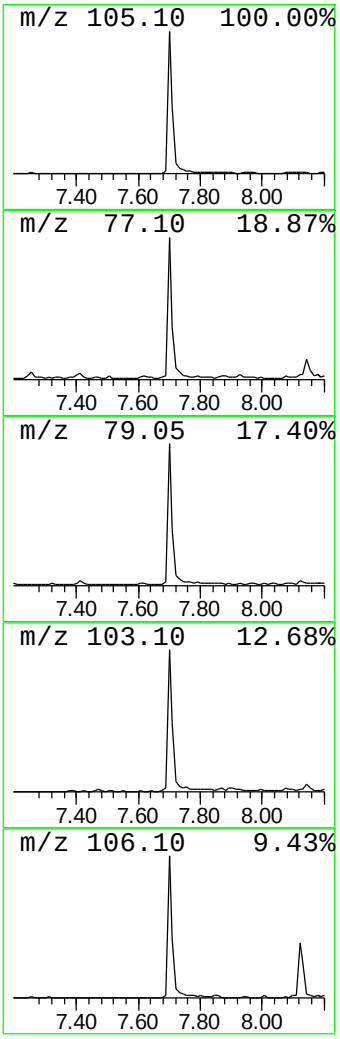
Peak Number 7 Benzene, (1-nitroethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	9.98 ng	927717	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	80
2	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
3	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	72
4	Thiophene, 2-(4-methylbenzylsulf...	252	C12H12O2S2	153837-88-8	64
5	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	64





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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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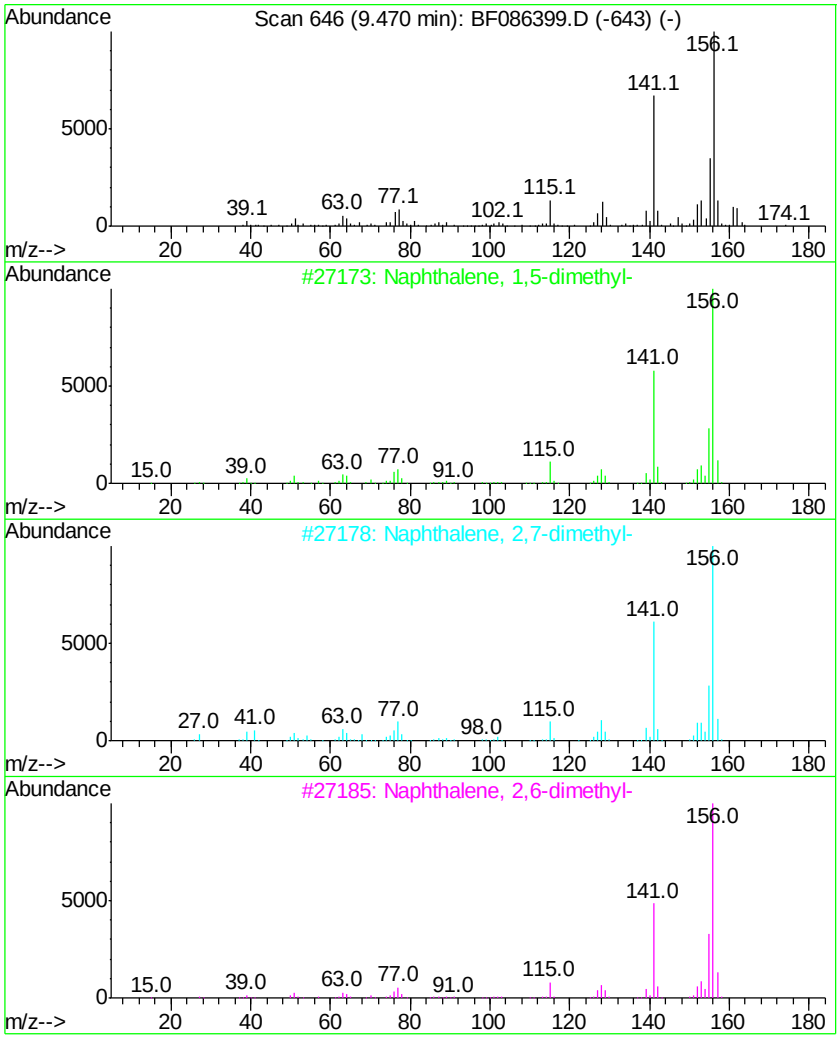
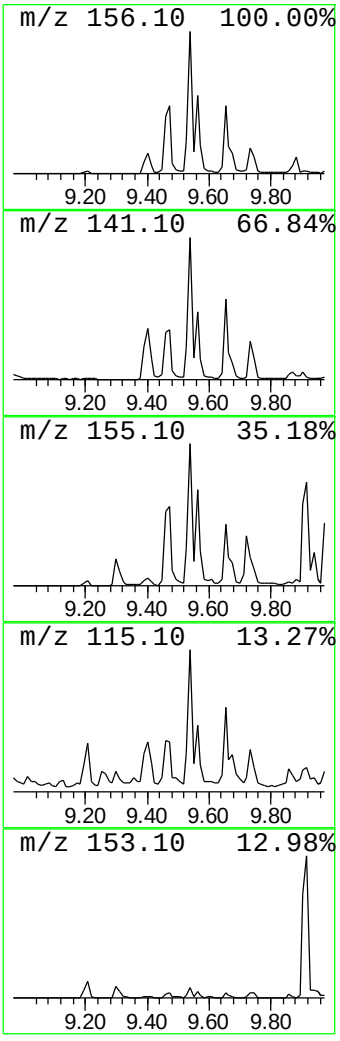
Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	6.33 ng	490578	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Misc :
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ClientSampleId : WPG-B17(0-6)-C

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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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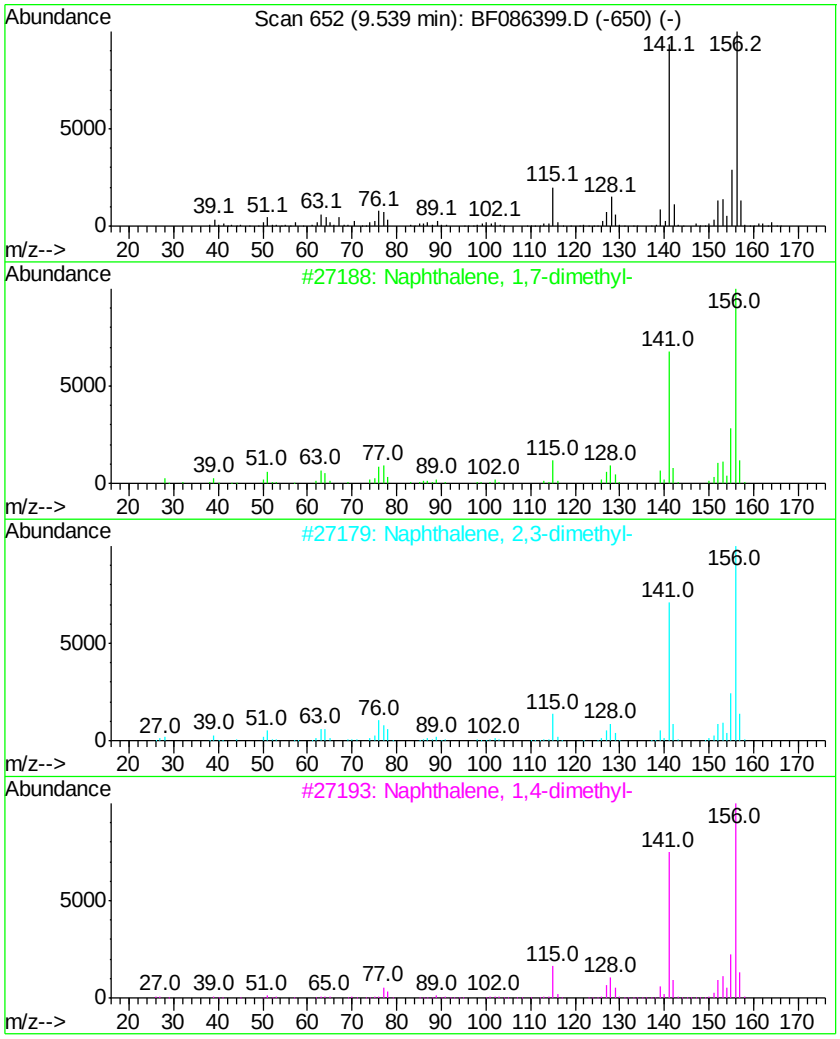
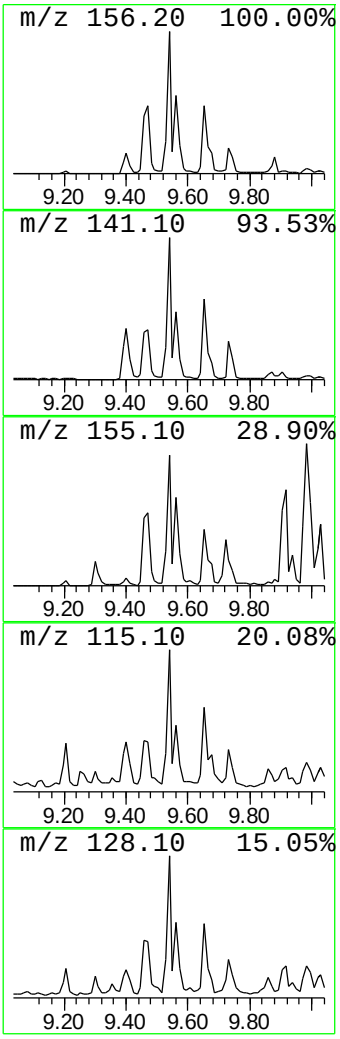
Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	8.16 ng	632207	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Operator : UM/SJ
Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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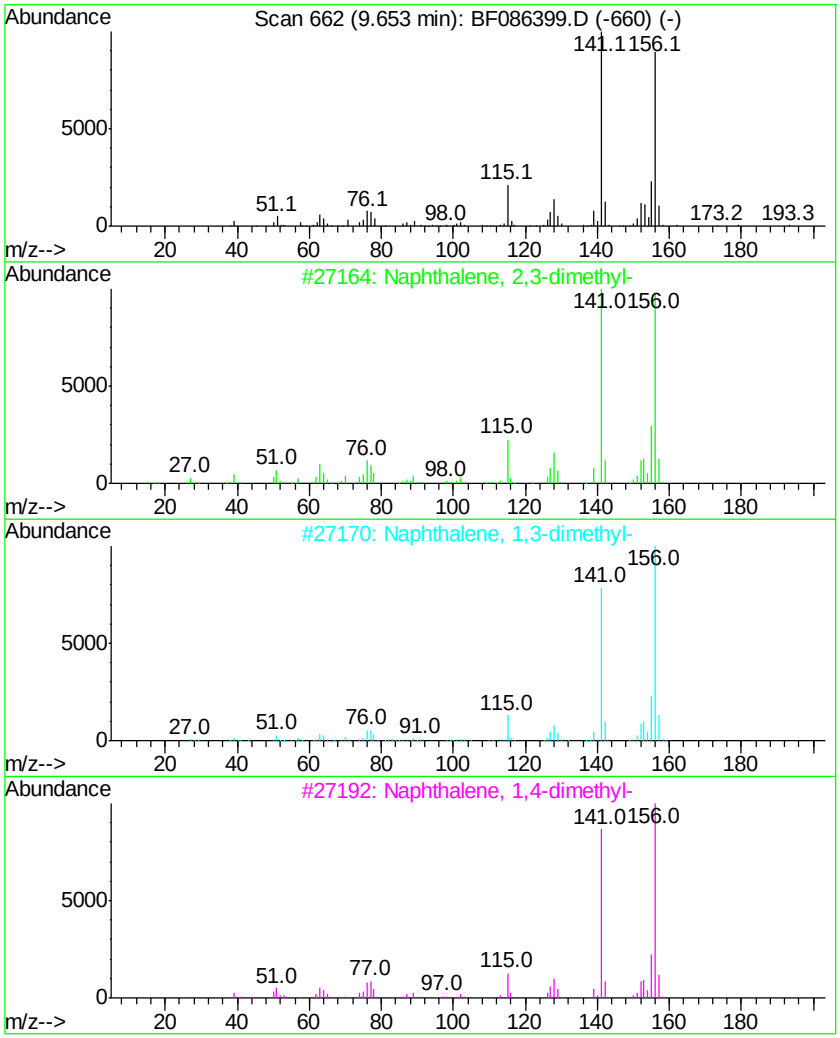
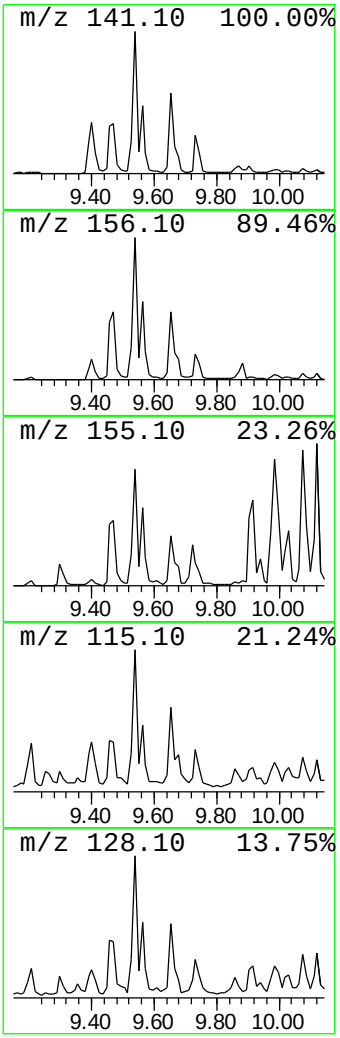
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	4.58 ng	354736	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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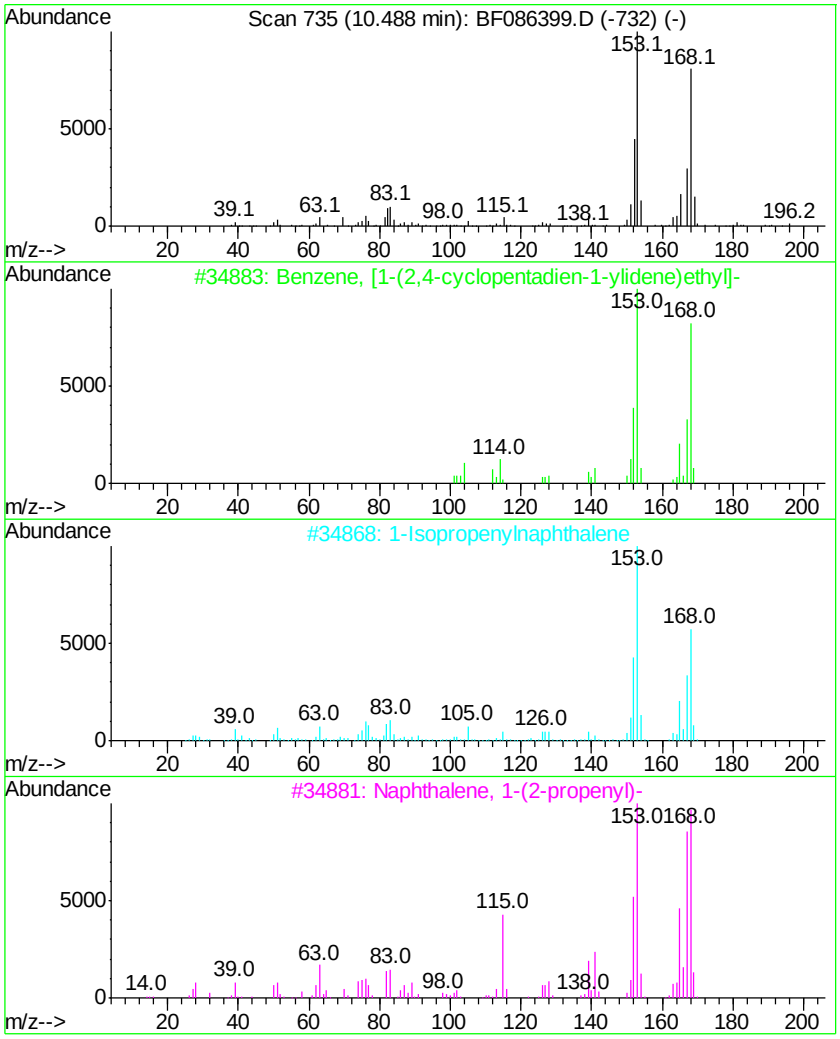
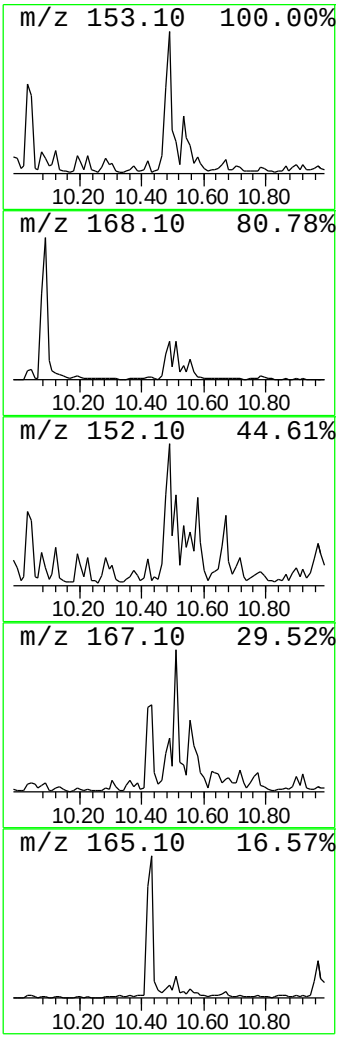
Peak Number 12 Benzene, [1-(2,4-cyclopenta... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	5.55 ng	430384	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50





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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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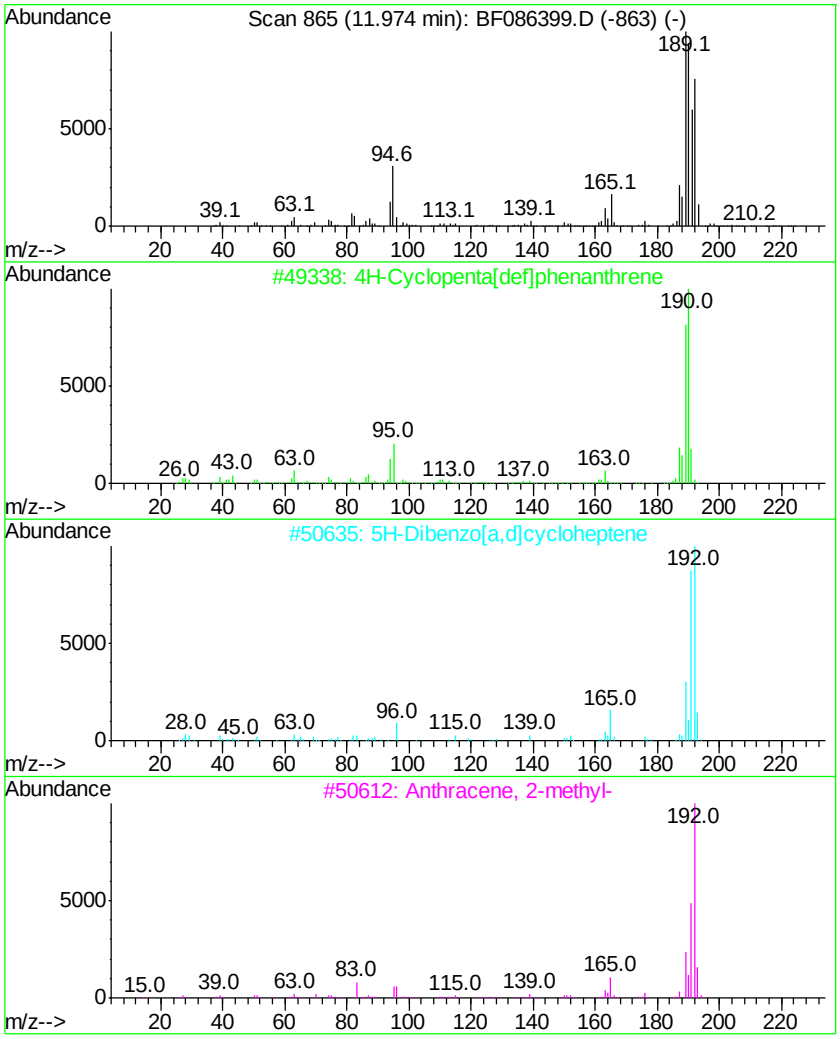
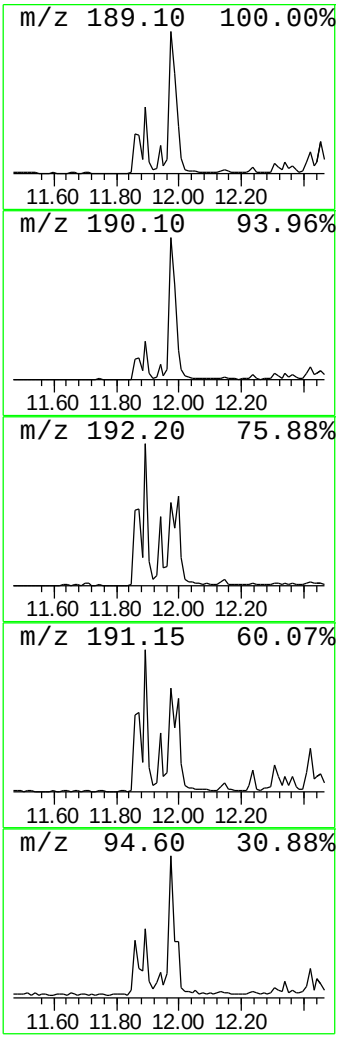
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	7.33 ng	3216370	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Acq On : 23 Apr 2016 19:25
Operator : UM/SJ
Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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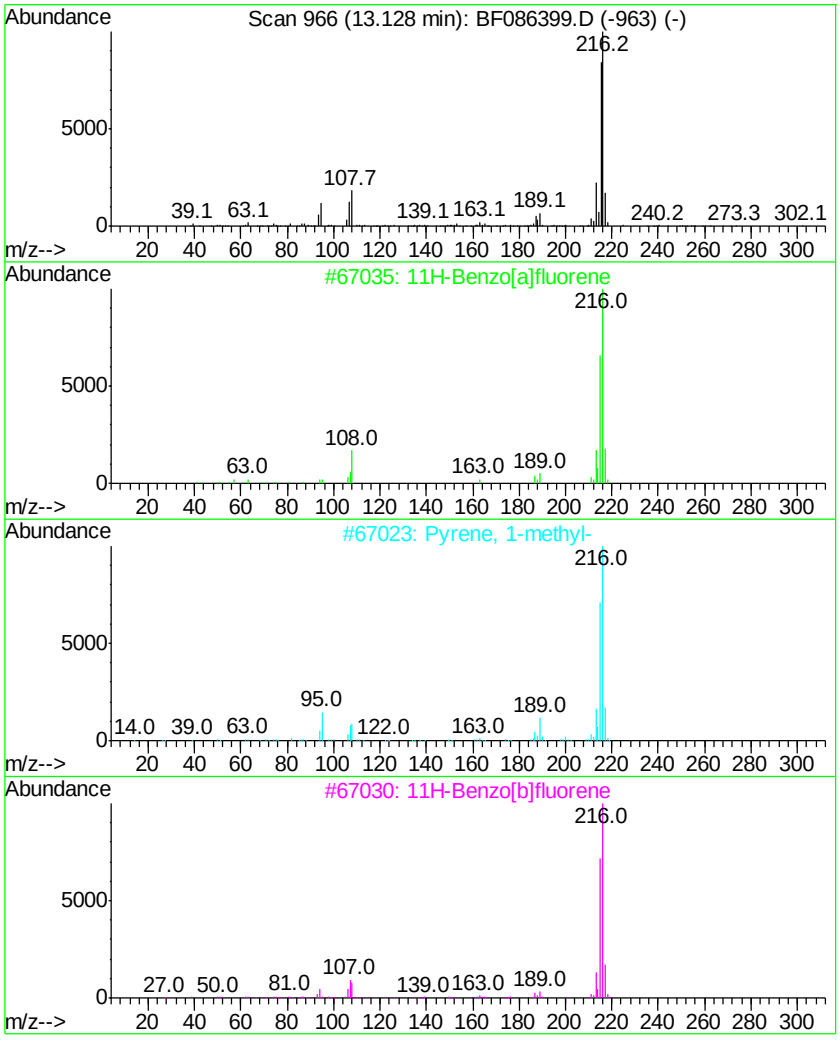
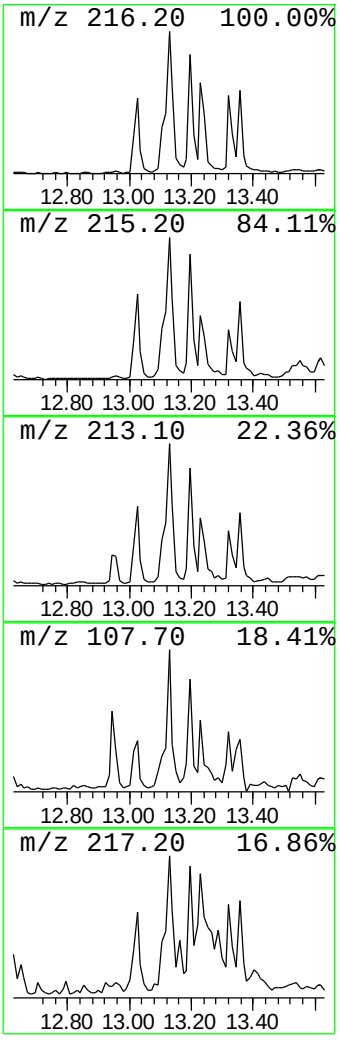
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	6.92 ng	1472360	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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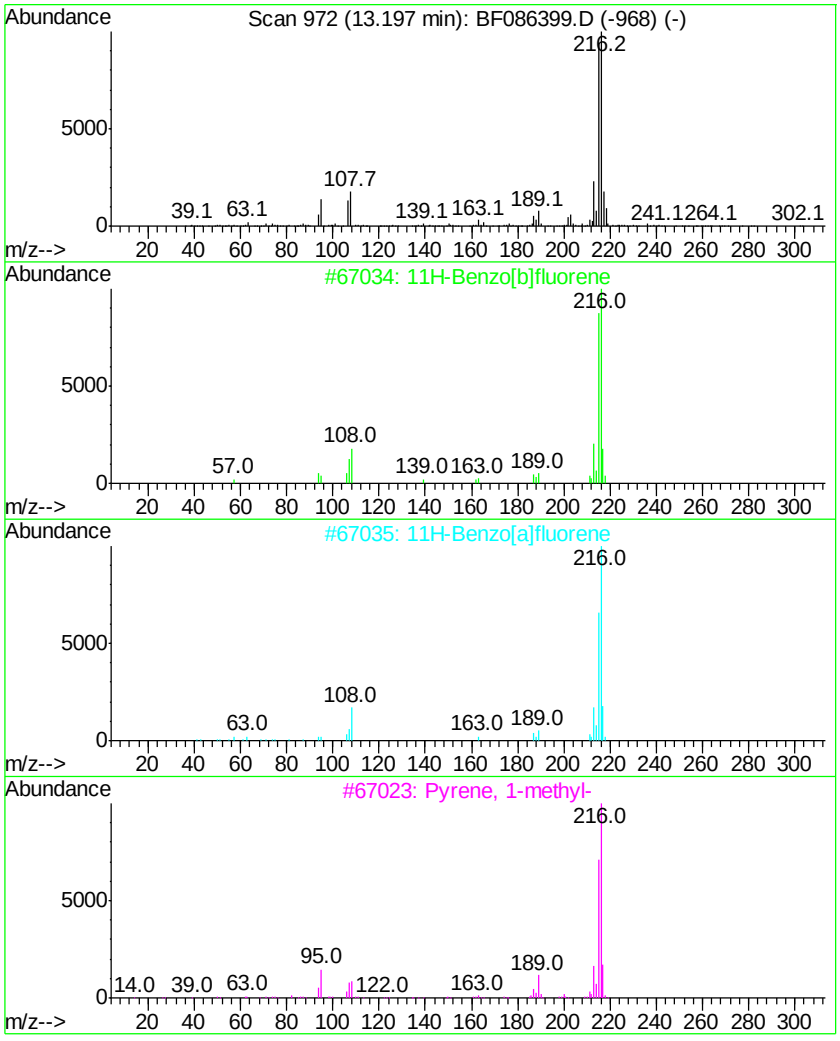
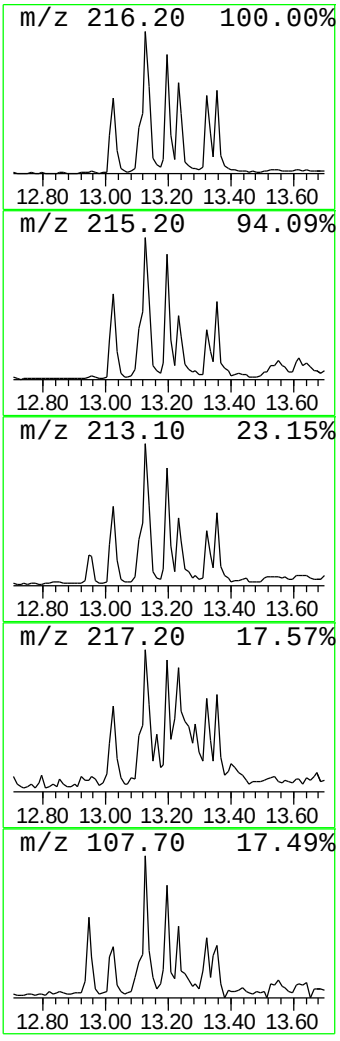
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	5.25 ng	1117970	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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ClientSampleId : WPG-B17(0-6)-C

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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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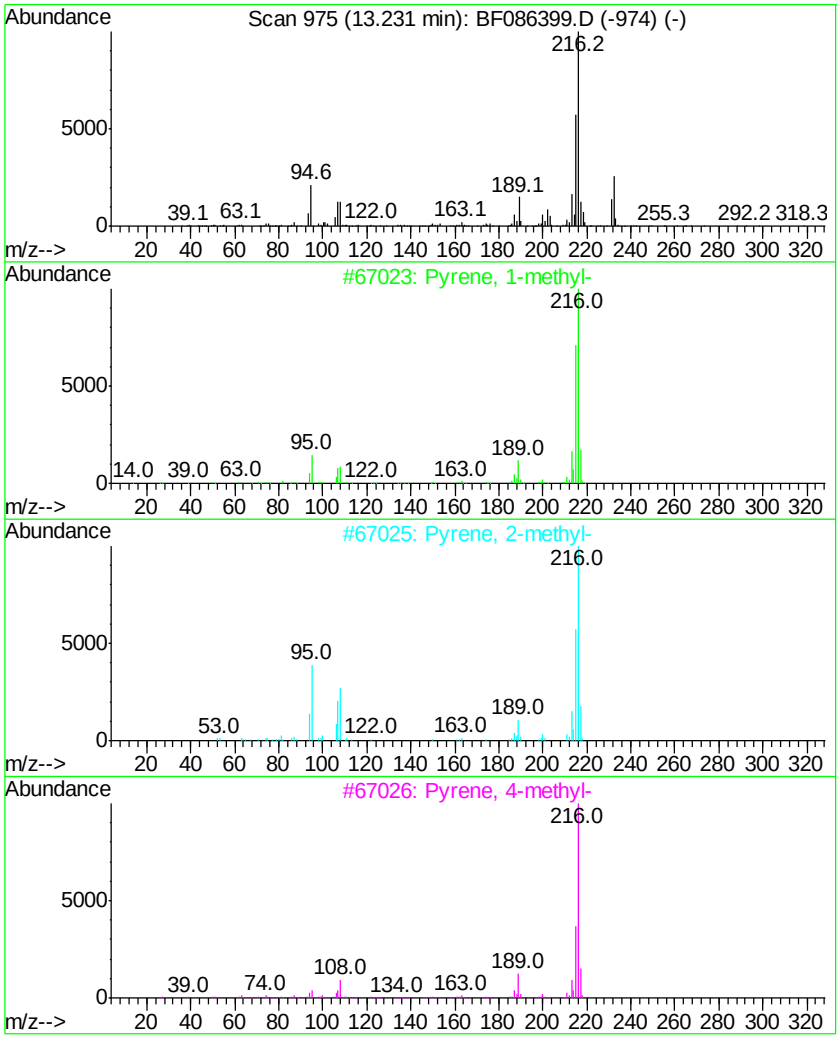
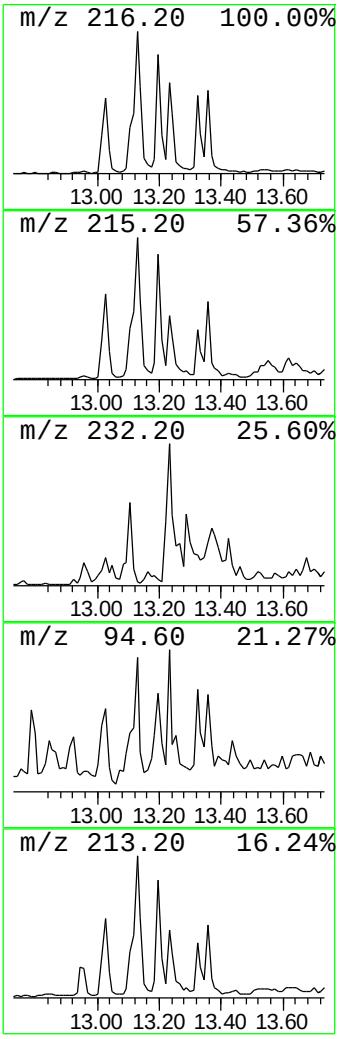
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	5.27 ng	1121000	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

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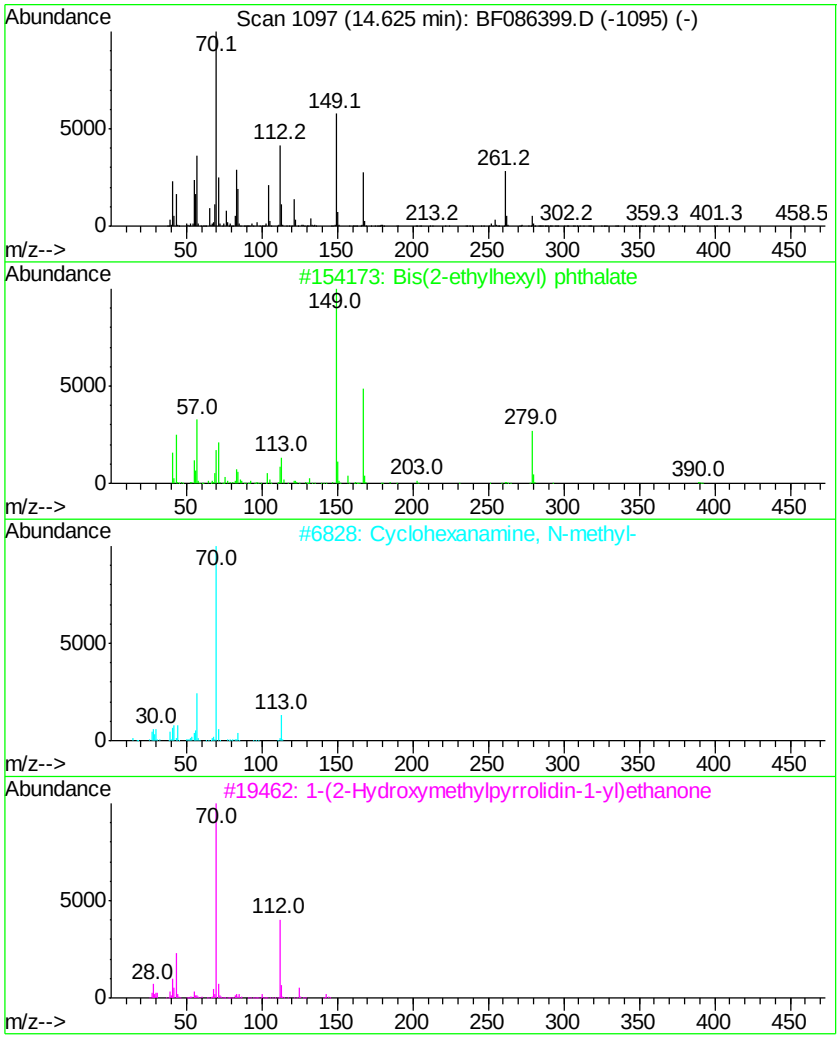
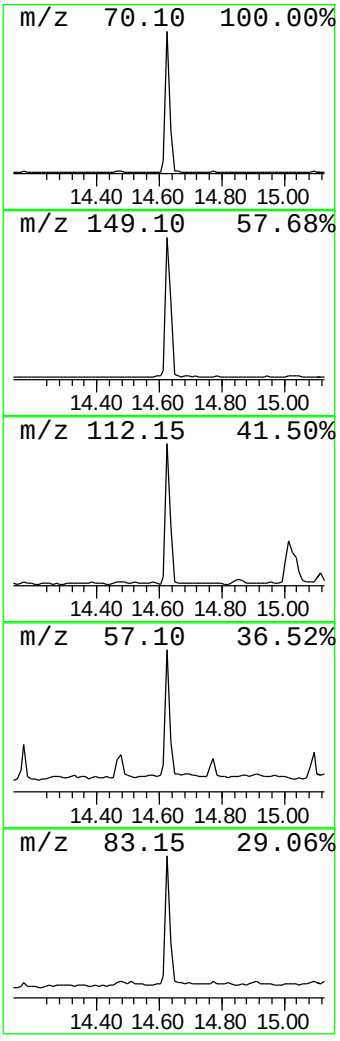
Peak Number 17 unknown14.63 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	8.99 ng	1914090	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	25
2	Cyclohexanamine, N-methyl-	113	C7H15N	000100-60-7	18
3	1-(2-Hydroxymethylpyrrolidin-1-y...	143	C7H13NO2	1000192-83-2	17
4	3-Chloropropionic acid, 2-ethylh...	220	C11H21ClO2	091369-31-2	16
5	Cyclohexaneamine, N-but-2-enylid...	167	C10H17NO	068048-01-1	16





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TIC Library : C:\DATABASE\NIST02.L
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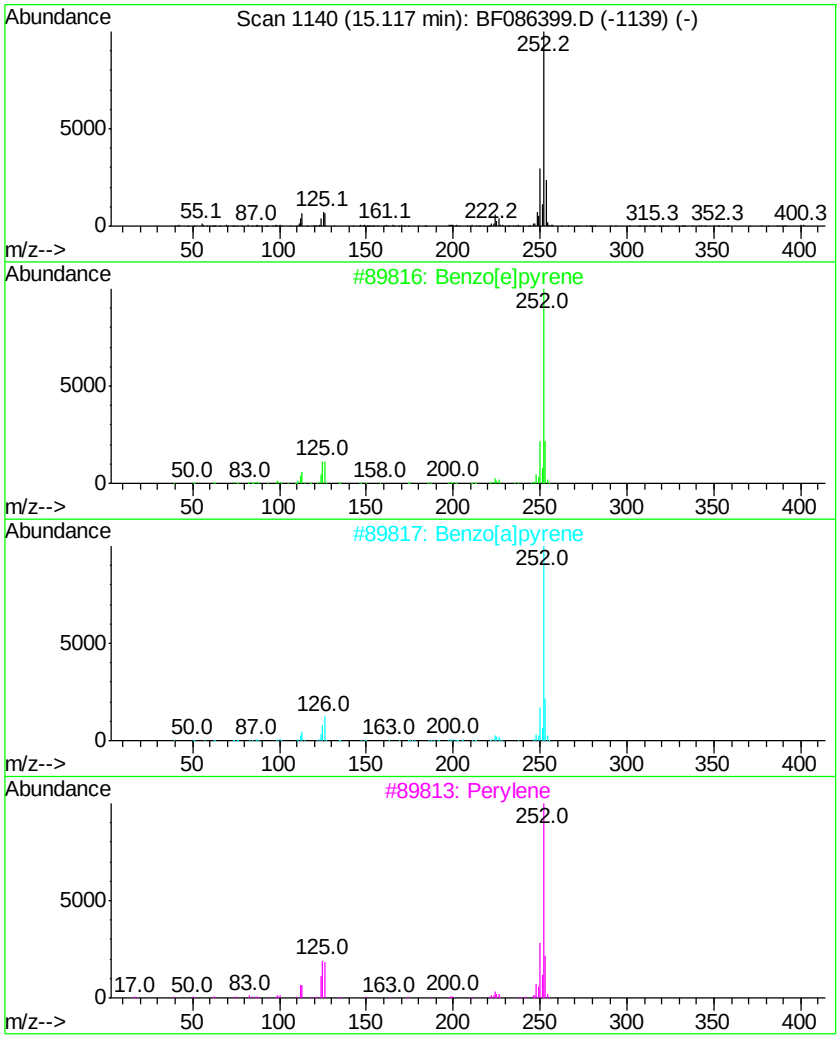
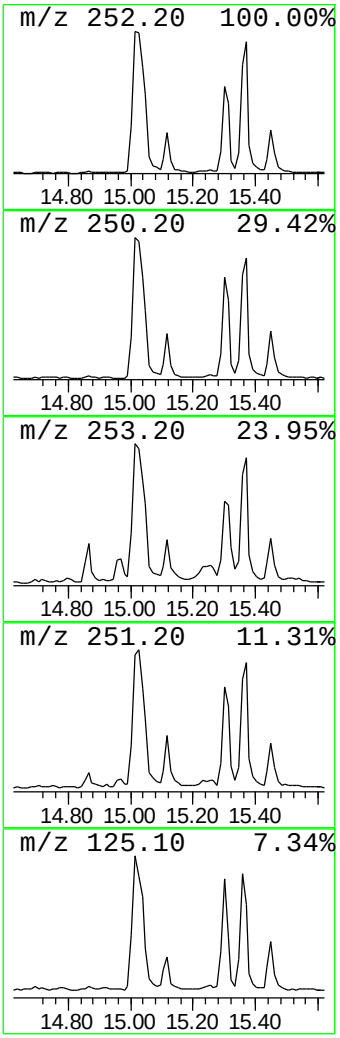
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	8.59 ng	279369	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Perylene	252	C20H12	000198-55-0	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





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Operator : UM/SJ
Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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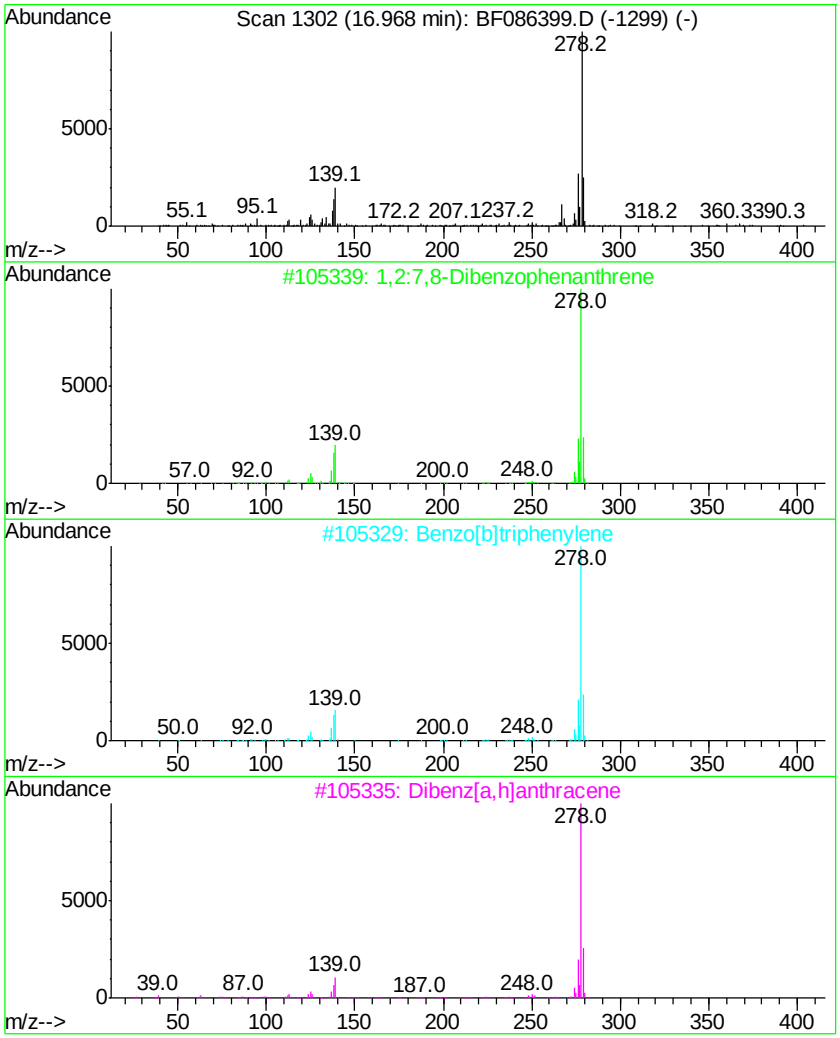
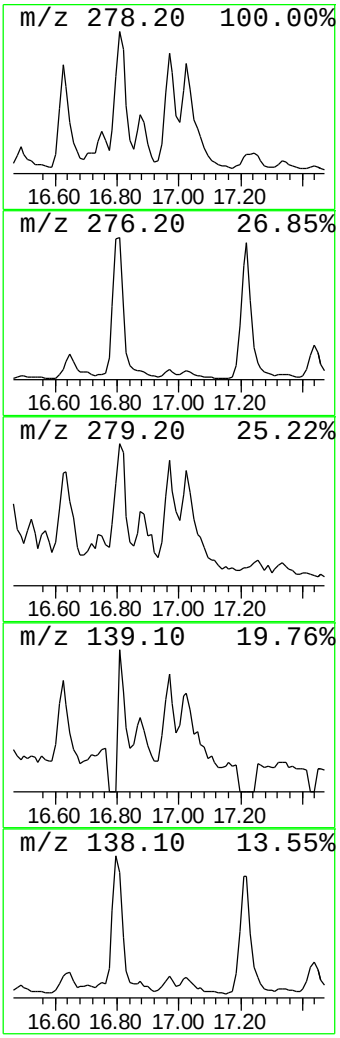
Peak Number 20 1,2:7,8-Dibenzophenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	7.91 ng	257335	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4	Benzo[b]chrysene	278	C22H14	000214-17-5	96
5	Pentacene	278	C22H14	000135-48-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086399.D
Acq On : 23 Apr 2016 19:25
Operator : UM/SJ
Sample : H2640-23
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B17(0-6)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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...	5.02	17.8	ng	992939	1	6.84	1118090	20.0
Styrene	5.66	6.8	ng	380916	1	6.84	1118090	20.0
unknown6.61	6.61	88.4	ng	4939620	1	6.84	1118090	20.0
Benzene, 1-etheny...	6.68	5.5	ng	310534	1	6.84	1118090	20.0
Indene	7.10	4.7	ng	264779	1	6.84	1118090	20.0
Benzene, (1-nitro...	7.70	10.0	ng	927717	2	8.12	1858510	20.0
Naphthalene, 1,5-...	9.47	6.3	ng	490578	3	9.88	1550290	20.0
Naphthalene, 1,7-...	9.54	8.2	ng	632207	3	9.88	1550290	20.0
Naphthalene, 2,3-...	9.65	4.6	ng	354736	3	9.88	1550290	20.0
Benzene, [1-(2,4-...	10.49	5.5	ng	430384	3	9.88	1550290	20.0
4H-Cyclopenta[def...	11.97	7.3	ng	3216370	4	11.37	8777610	20.0
11H-Benzo[a]fluorene	13.13	6.9	ng	1472360	5	14.00	4257940	20.0
11H-Benzo[b]fluorene	13.20	5.3	ng	1117970	5	14.00	4257940	20.0
Pyrene, 1-methyl-	13.23	5.3	ng	1121000	5	14.00	4257940	20.0
unknown14.63	14.63	9.0	ng	1914090	5	14.00	4257940	20.0
Benzo[e]pyrene	15.12	8.6	ng	279369	6	15.43	650708	20.0
1,2:7,8-Dibenzoph...	16.97	7.9	ng	257335	6	15.43	650708	20.0