LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086890.D
Acq On : 11 May 2016 9:30
Operator : UM/SJ
Sample : H2961-03 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

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-BF050916.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	5.276	277	279	288	rBV	802022	984126	37.18%	2.999%
2	6.339	371	372	377	rBV	808472	1017367	38.44%	3.100%
3	6.453	380	382	390	rVB	988250	1112691	42.04%	3.391%
4	6.682	400	402	406	rBV	1082507	1014044	38.31%	3.090%
5	6.842	414	416	418	rVV	639952	843235	31.86%	2.570%
6	7.002	428	430	435	rVB2	31414	66932	2.53%	0.204%
7	7.082	435	437	442	rVB2	27905	50062	1.89%	0.153%
8	7.253	450	452	456	rBV	672639	639348	24.15%	1.948%
9	7.402	461	465	467	rBV2	29226	63706	2.41%	0.194%
10	7.482	467	472	475	rVB3	67219	144709	5.47%	0.441%
11	7.596	479	482	485	rBV4	50654	87546	3.31%	0.267%
12	7.653	485	487	489	rVB2	34587	56924	2.15%	0.173%
13	7.710	489	492	493	rBV	52735	64700	2.44%	0.197%
14	7.927	506	511	512	rBV4	22688	55976	2.11%	0.171%
15	7.973	512	515	517	rVV	1101366	1230214	46.48%	3.749%
16	8.042	519	521	522	rVV	142780	118884	4.49%	0.362%
17	8.133	527	529	531	rBV3	31576	56487	2.13%	0.172%
18	8.248	537	539	544	rBV6	44226	132259	5.00%	0.403%
19	8.362	547	549	550	rVV	41030	58814	2.22%	0.179%
20	8.396	550	552	557	rVV2	89185	195597	7.39%	0.596%
21	8.476	557	559	561	rVV3	47508	69883	2.64%	0.213%
22	8.533	561	564	565	rVV3	49912	80074	3.03%	0.244%
23	8.625	568	572	574	rVV5	46549	151377	5.72%	0.461%
24	8.670	574	576	577	rVB	65054	75935	2.87%	0.231%
25	8.785	583	586	588	rBV	222258	275706	10.42%	0.840%
26	8.876	590	594	597	rBV4	63640	106588	4.03%	0.325%
27	9.002	602	605	606	rBV	130129	148955	5.63%	0.454%
28	9.048	606	609	611	rBV	1353866	1134436	42.86%	3.457%
29	9.150	614	618	620	rBV2	212108	315514	11.92%	0.961%
30	9.253	625	627	629	rVB	112709	119533	4.52%	0.364%
31	9.310	629	632	634	rBV	222103	342853	12.95%	1.045%
32	9.379	636	638	640	rVV	509406	502865	19.00%	1.532%
33	9.448	642	644	646	rVV	240462	251725	9.51%	0.767%
34	9.493	646	648	651	rVB	182471	274100	10.36%	0.835%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.585	653	656	658	rVB	184713	259412	9.80%	0.791%
36	9.665	661	663	665	rBV2	51076	91314	3.45%	0.278%
37	9.722	665	668	669	rBV	1094013	1171939	44.28%	3.571%
38	9.756	669	671	673	rVV	816083	1107681	41.85%	3.376%
39	9.825	675	677	679	rVB	111051	153225	5.79%	0.467%
40	9.871	679	681	683	rBV3	62063	111897	4.23%	0.341%
41	9.916	683	685	688	rVB	140679	197177	7.45%	0.601%
42	9.962	688	689	693	rVB2	165092	258779	9.78%	0.789%
43	10.031	693	695	697	rBV	176350	239233	9.04%	0.729%
44	10.122	701	703	706	rBV2	60573	119129	4.50%	0.363%
45	10.168	706	707	709	rVB	164547	152198	5.75%	0.464%
46	10.213	709	711	712	rBV	64457	100914	3.81%	0.308%
47	10.236	712	713	714	rVB	144630	99216	3.75%	0.302%
48	10.259	714	715	719	rVB	447723	600301	22.68%	1.829%
49	10.328	719	721	722	rBV	85850	116628	4.41%	0.355%
50	10.373	724	725	728	rVV	388604	389575	14.72%	1.187%
51	10.419	728	729	733	rVB4	53598	67203	2.54%	0.205%
52	10.511	733	737	739	rBV3	312107	571668	21.60%	1.742%
53	10.636	746	748	751	rBV	293476	508750	19.22%	1.550%
54	10.693	751	753	757	rVV4	39944	108478	4.10%	0.331%
55	10.808	761	763	764	rVV	185945	266220	10.06%	0.811%
56	10.842	764	766	769	rVV3	119013	238876	9.02%	0.728%
57	10.888	769	770	772	rVB2	100925	111152	4.20%	0.339%
58	10.956	774	776	778	rBV2	67616	99642	3.76%	0.304%
59	11.105	786	789	792	rVB2	270436	432231	16.33%	1.317%
60	11.219	795	799	801	rBV2	1866314	2646876	100.00%	8.066%
61	11.276	801	804	805	rVV	323103	403940	15.26%	1.231%
62	11.448	817	819	821	rVV2	69154	116071	4.39%	0.354%
63	11.494	821	823	824	rVV2	68340	74334	2.81%	0.227%
64	11.528	824	826	830	rVB4	79101	150709	5.69%	0.459%
65	11.699	838	841	842	rBV	377405	350003	13.22%	1.067%
66	11.722	842	843	846	rVB	371487	348790	13.18%	1.063%
67	11.768	846	847	849	rBV	126624	168810	6.38%	0.514%
68	11.802	849	850	855	rVB	494548	832296	31.44%	2.536%
69	11.996	863	867	871	rVB	151850	265549	10.03%	0.809%
70	12.145	877	880	881	rVB2	45763	61238	2.31%	0.187%
71	12.168	881	882	886	rVB2	87708	180919	6.84%	0.551%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H2961-03 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.248	886	889	890	rBV	252840	315075	11.90%	0.960%
73	12.282	890	892	895	rVV	121421	228926	8.65%	0.698%
74	12.339	895	897	901	rVB2	86389	164103	6.20%	0.500%
75	12.408	901	903	905	rBV	458083	612121	23.13%	1.865%
76	12.499	909	911	913	rVV	242441	211483	7.99%	0.644%
77	12.568	916	917	920	rVB2	39179	57580	2.18%	0.175%
78	12.625	920	922	926	rVB	770794	913758	34.52%	2.785%
79	12.694	926	928	929	rBV	49552	53001	2.00%	0.162%
80	12.774	933	935	938	rVB	837606	804769	30.40%	2.452%
81	12.854	939	942	945	rVB	88957	147291	5.56%	0.449%
82	12.957	945	951	953	rVB	176747	326907	12.35%	0.996%
83	13.025	953	957	959	rBV	148927	182543	6.90%	0.556%
84	13.059	959	960	964	rVB	124691	122396	4.62%	0.373%
85	13.151	964	968	969	rBV	104551	122772	4.64%	0.374%
86	13.185	969	971	976	rVB	116395	160936	6.08%	0.490%
87	13.379	985	988	991	rVB2	26355	59430	2.25%	0.181%
88	13.448	991	994	998	rVB2	29885	82724	3.13%	0.252%
89	13.574	1002	1005	1006	rBV3	28795	66265	2.50%	0.202%
90	13.597	1006	1007	1011	rVB2	61043	100767	3.81%	0.307%
91	13.825	1024	1027	1034	rBV2	875023	1446000	54.63%	4.406%
92	14.214	1056	1061	1062	rBV	74509	129661	4.90%	0.395%
93	14.305	1065	1069	1070	rVV3	42097	76193	2.88%	0.232%
94	14.351	1070	1073	1076	rVB3	40225	77240	2.92%	0.235%
95	14.820	1112	1114	1119	rBV	104011	205086	7.75%	0.625%
96	15.082	1135	1137	1140	rBV	66980	104024	3.93%	0.317%
97	15.140	1140	1142	1145	rVV	144122	180293	6.81%	0.549%
98	15.197	1145	1147	1153	rVB	565623	716771	27.08%	2.184%
99	16.488	1256	1260	1263	rBV	32254	65615	2.48%	0.200%
100	16.866	1290	1293	1304	rVB	26569	65986	2.49%	0.201%

Sum of corrected areas: 32815254

LSC Report - Integrated Chromatogram

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Data File : BF086890.D
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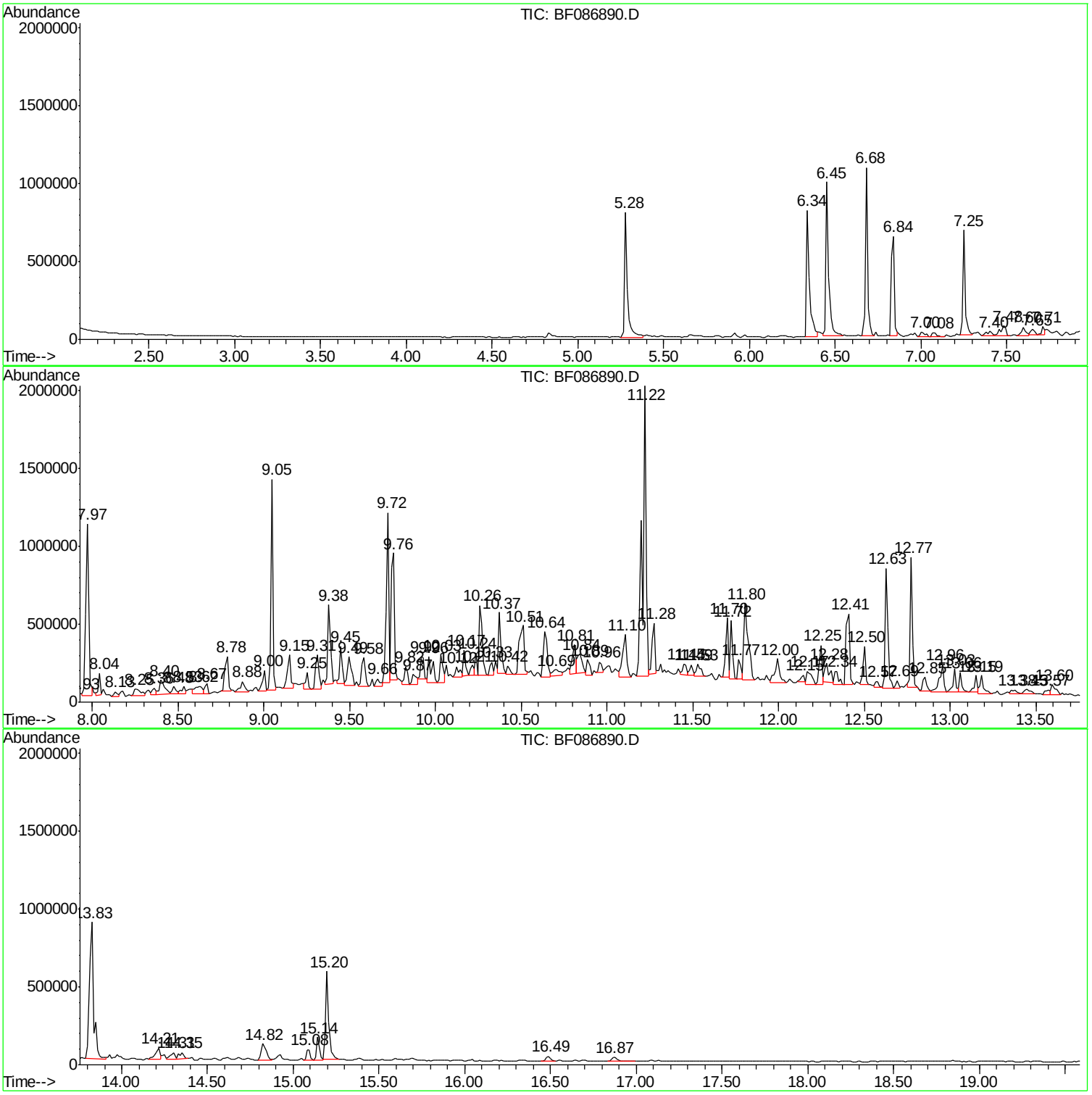
Operator : UM/SJ
Sample : H2961-03 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086890.D
Acq On : 11 May 2016 9:30
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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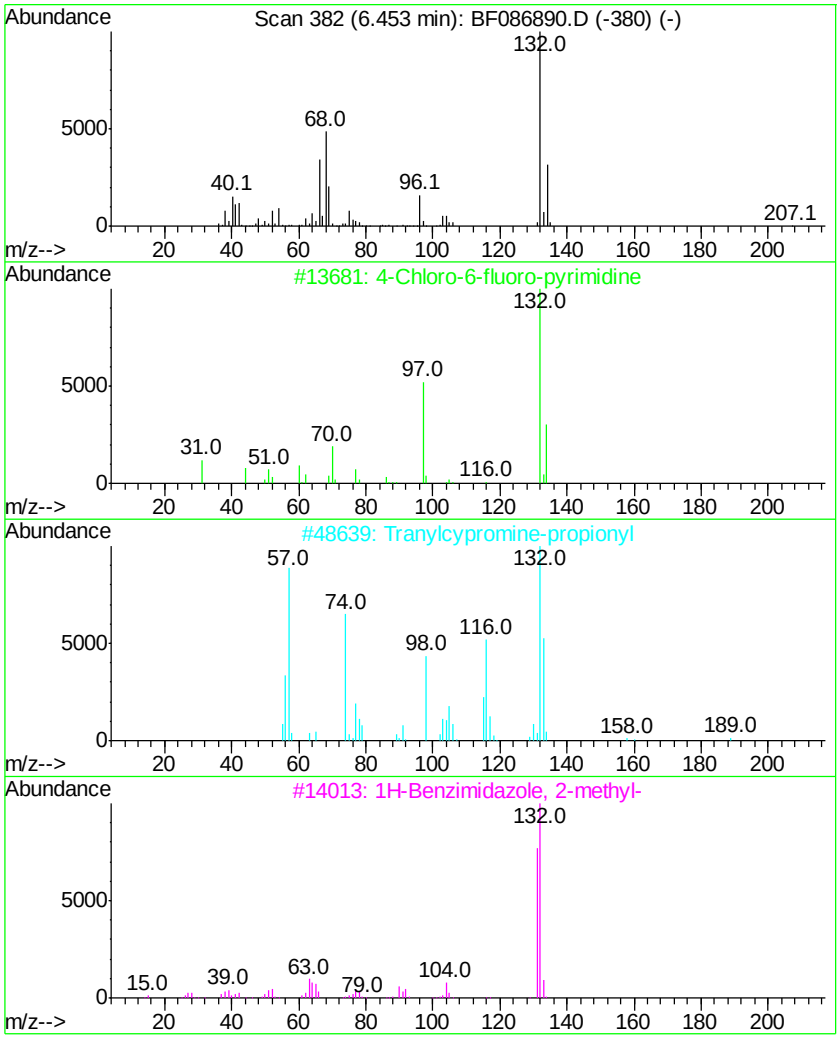
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

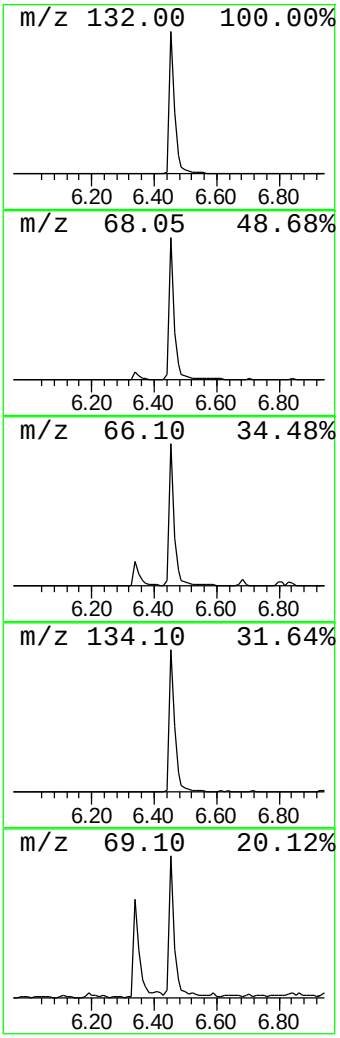
****

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	21.95 ng	1112690	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

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Sample : H2961-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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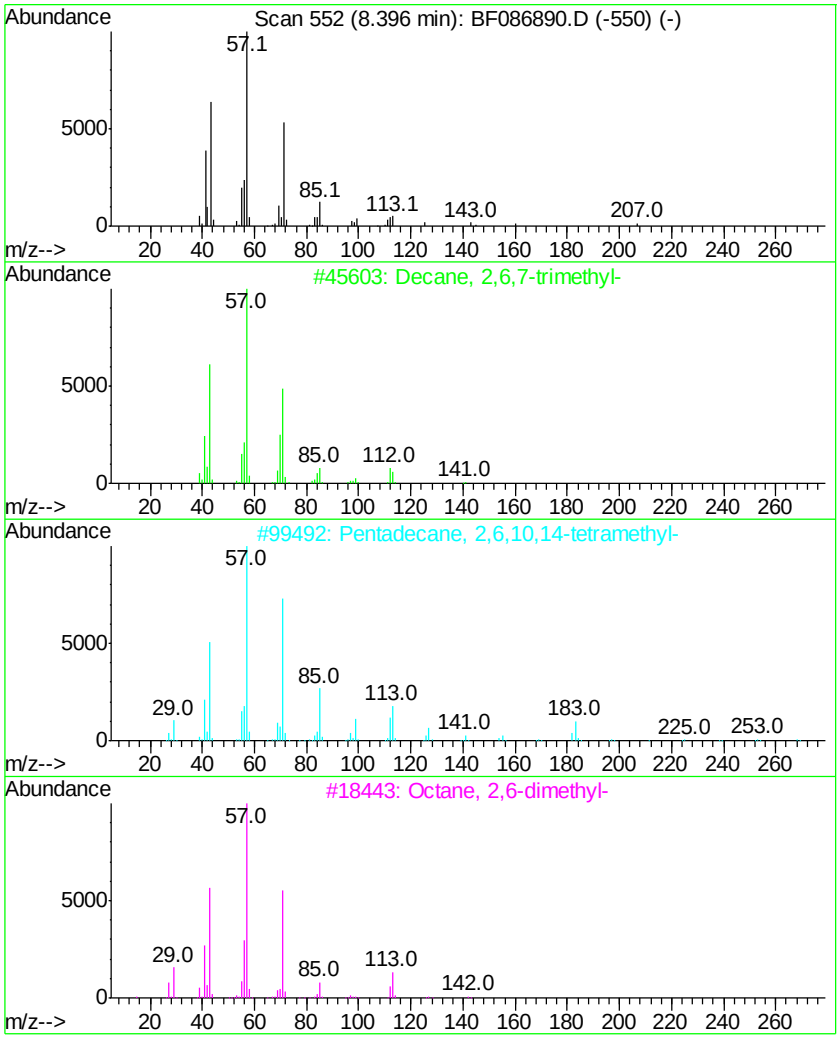
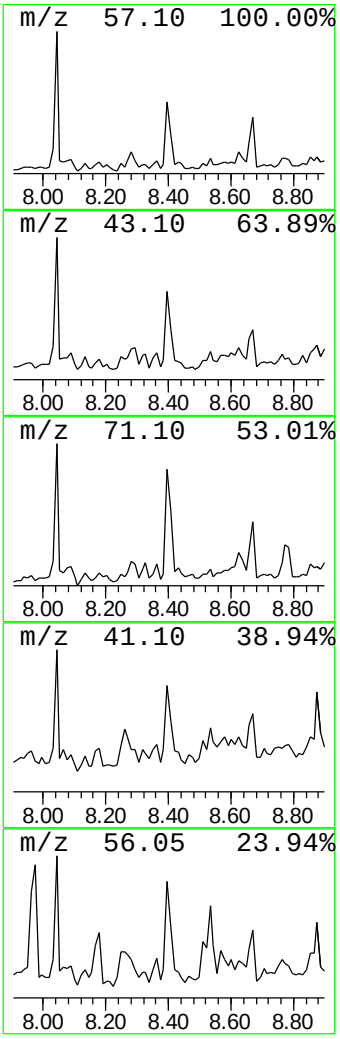
****

Peak Number 3 Decane, 2,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	3.18 ng	195597	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Octane, 2-methyl-	128	C9H20	003221-61-2	59
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	53





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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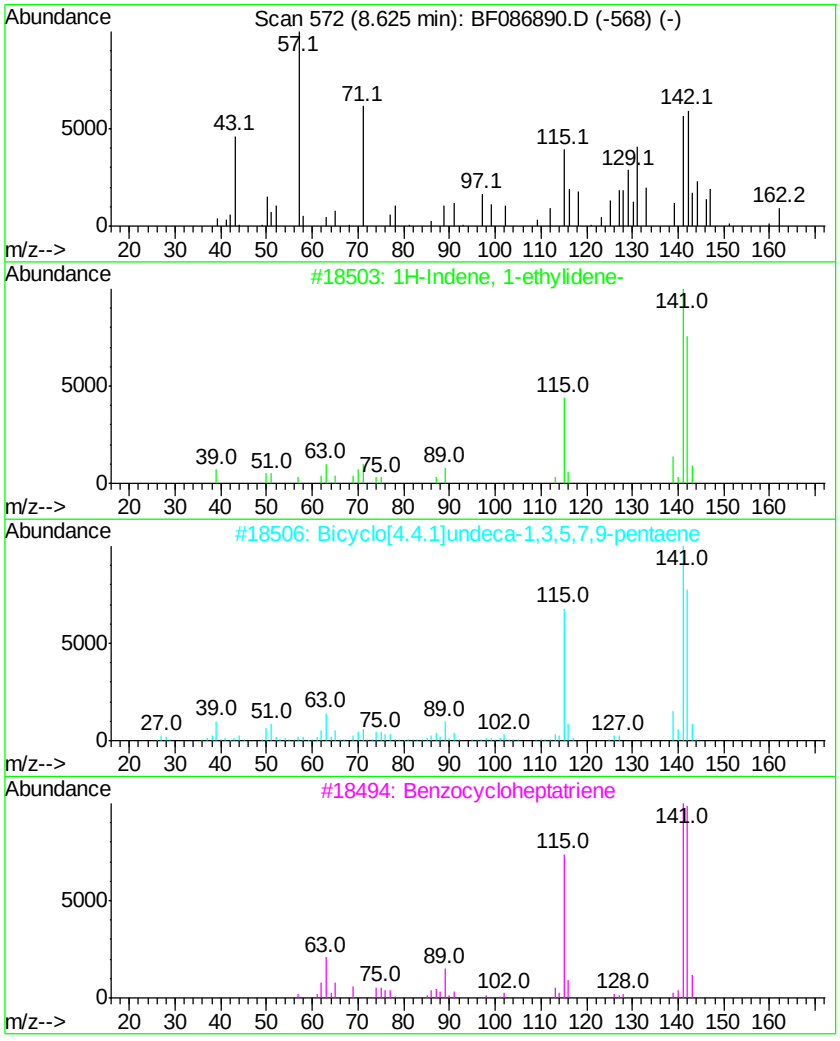
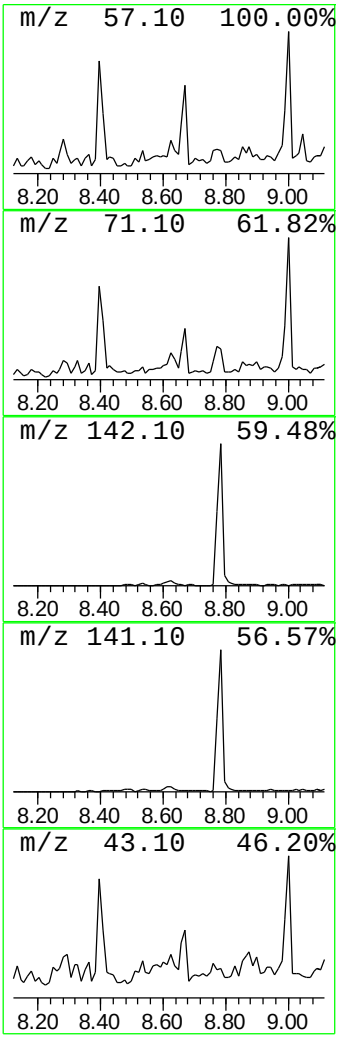
Peak Number 4 unknown8.62 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	2.46 ng	151377	Naphthalene-d8	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	30
2	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	27
3	Benzocycloheptatriene	142	C11H10	000264-09-5	27
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	22
5	Hydrazine, (3-chlorophenyl)-	142	C6H7ClN2	014763-20-3	10





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Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
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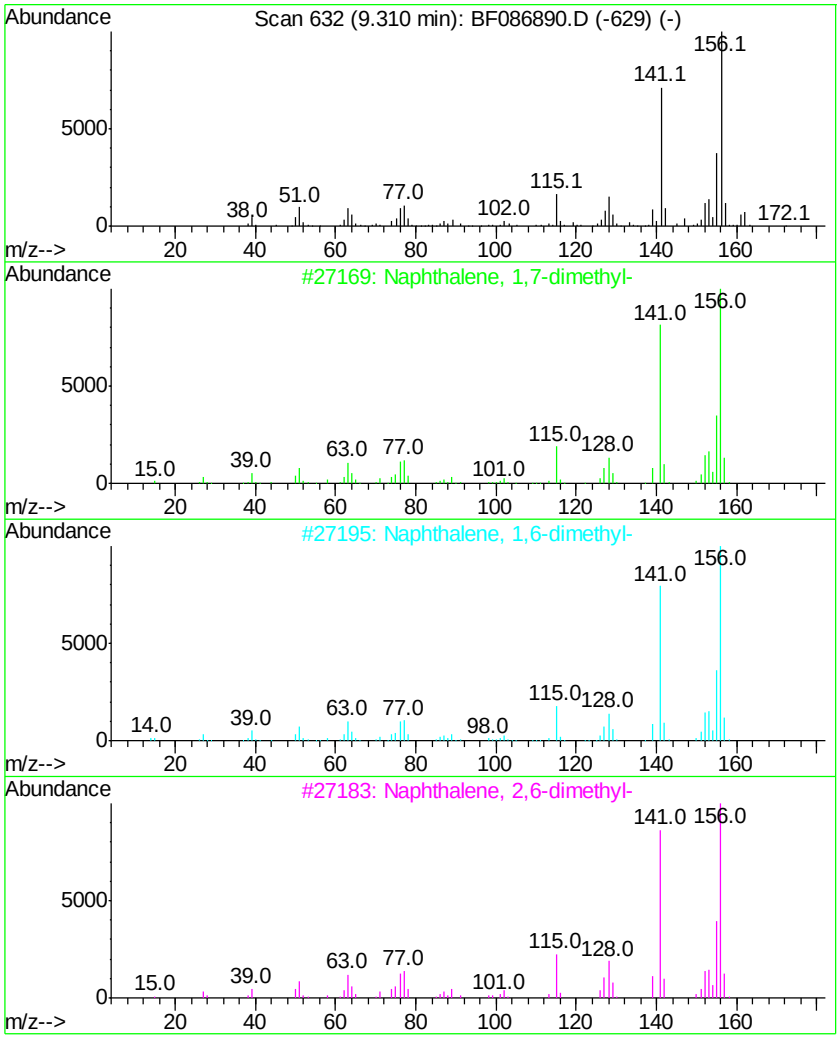
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

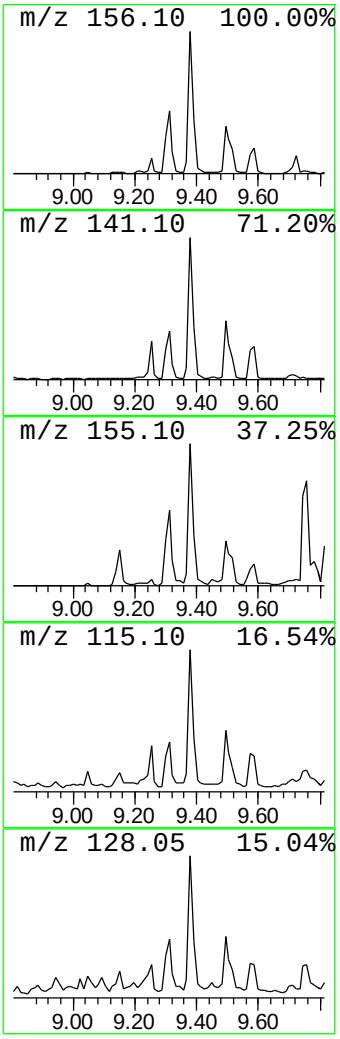
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	5.85 ng	342853	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





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Data File : BF086890.D
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Operator : UM/SJ
Sample : H2961-03 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

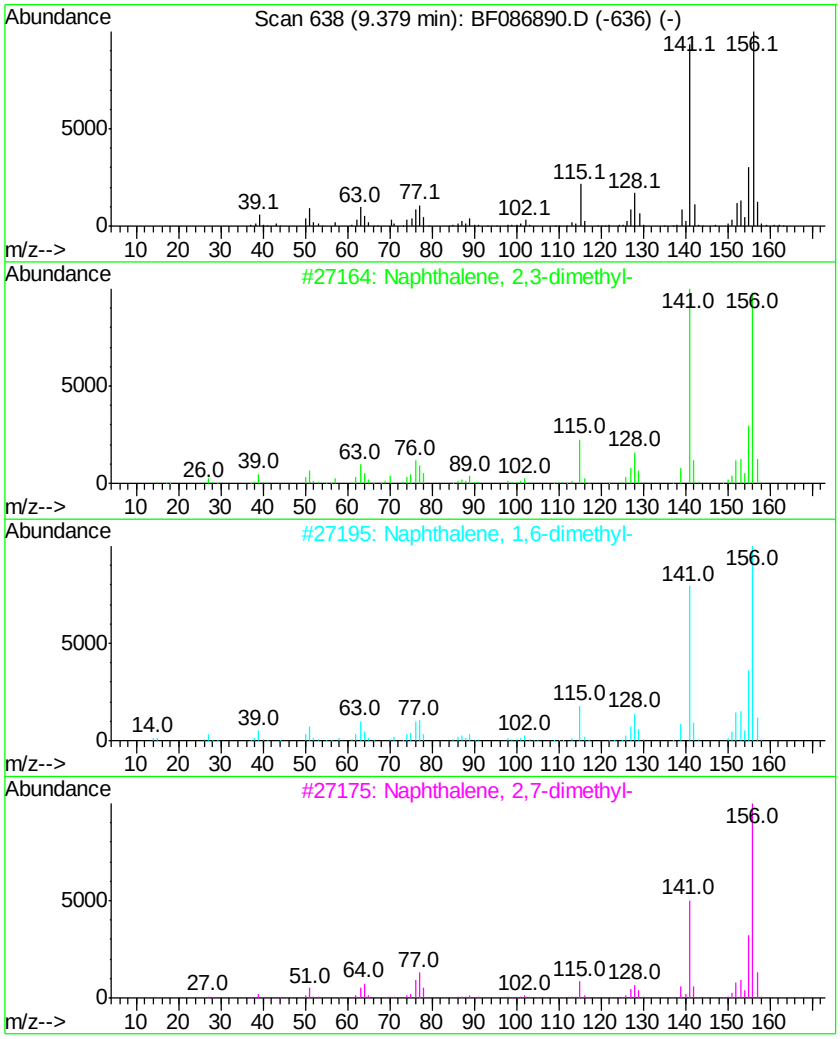
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

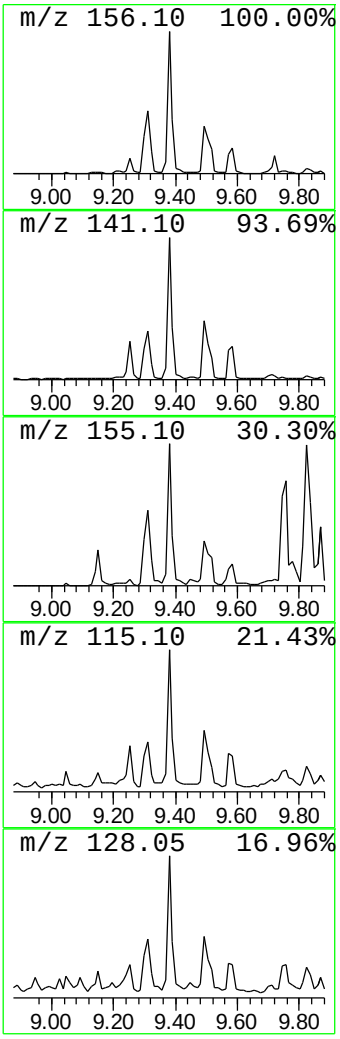
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	8.58 ng	502865	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086890.D
Acq On : 11 May 2016 9:30
Operator : UM/SJ
Sample : H2961-03 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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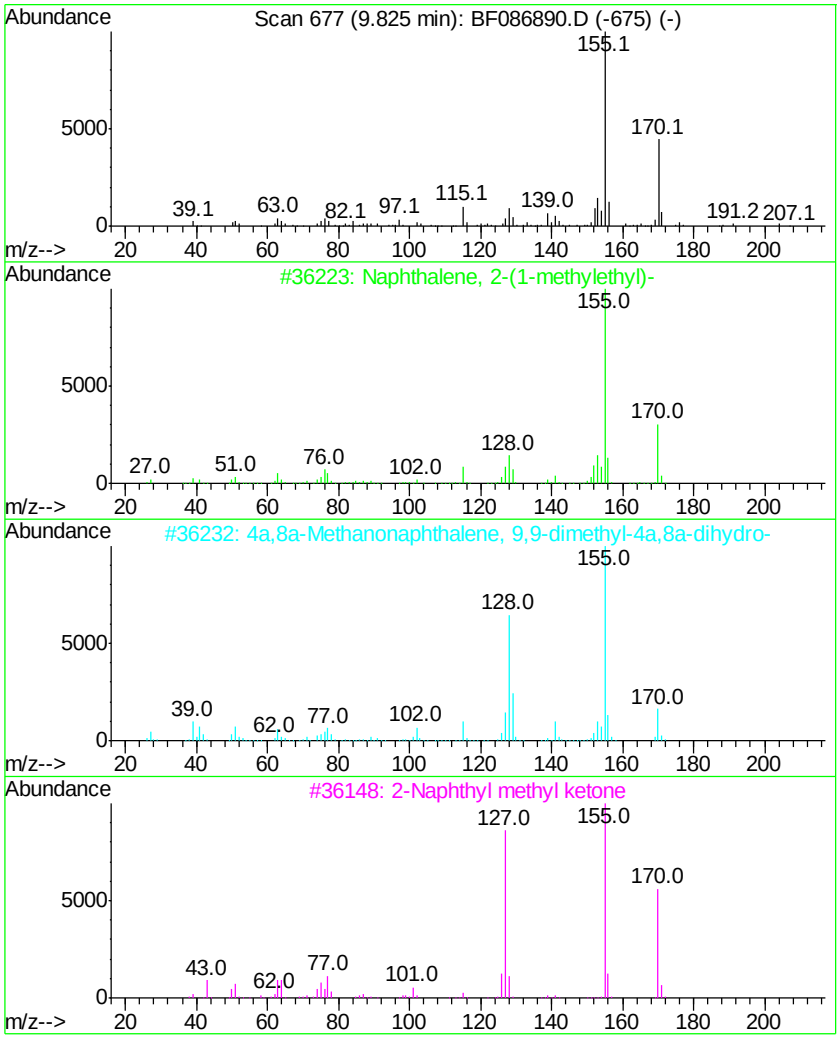
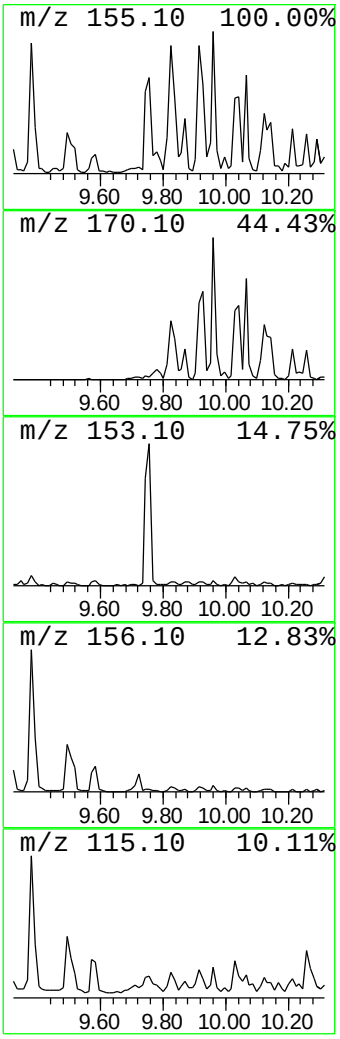
Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.61 ng	153225	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	86
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
5	1'-Acetonaphthone	170	C12H10O	000941-98-0	64





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Operator : UM/SJ
Sample : H2961-03 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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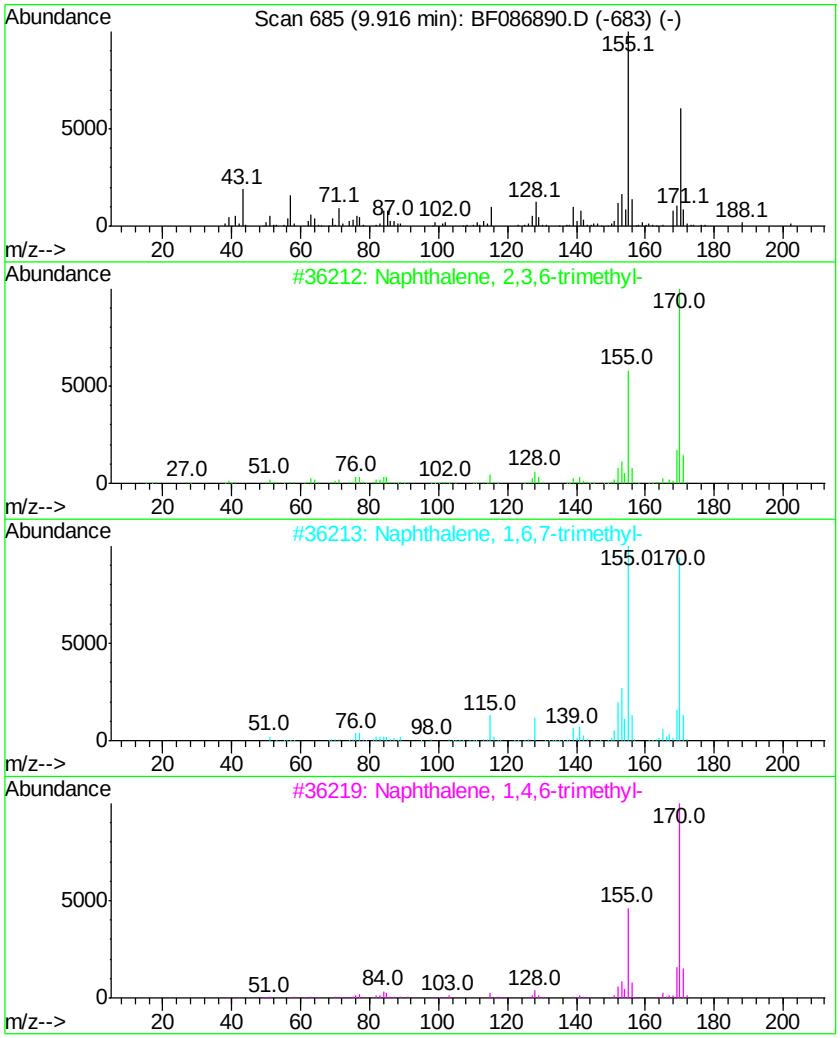
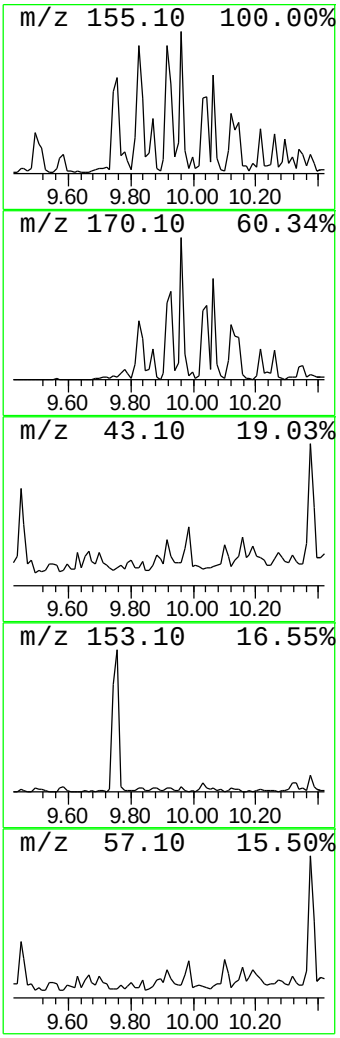
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	3.36 ng	197177	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	86
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83





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Misc :
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Instrument :
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ClientSampleId :
NYSEG-CLARK-ST-ESMI-5

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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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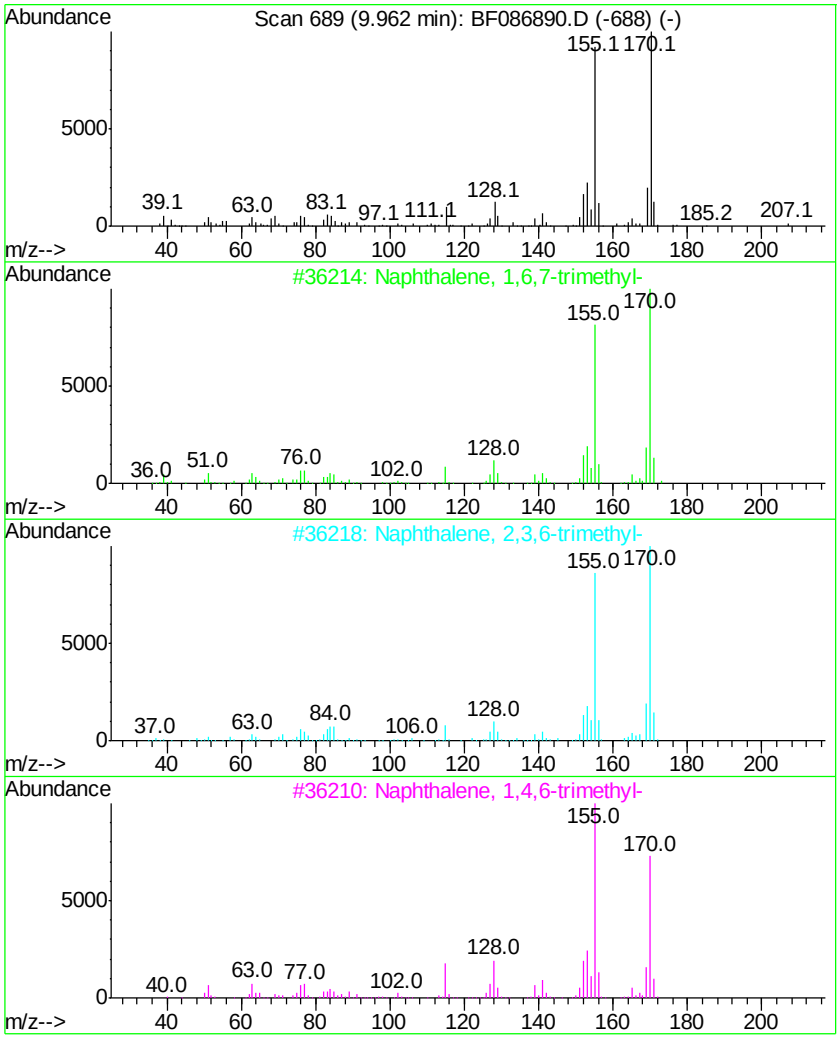
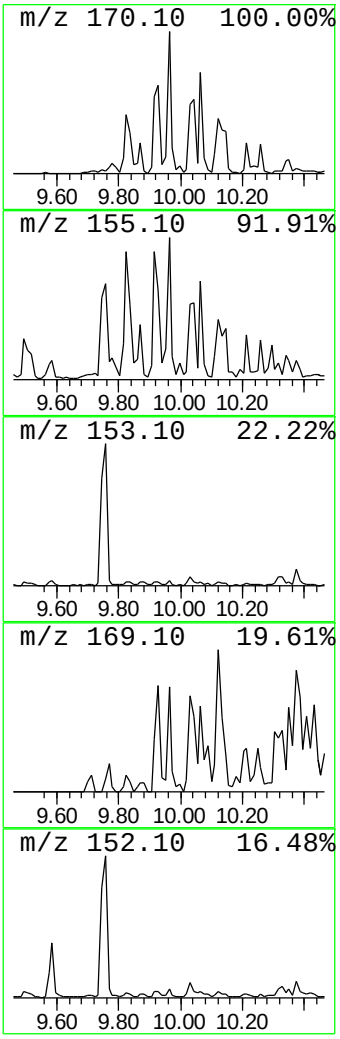
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	4.42 ng	258779	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





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Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

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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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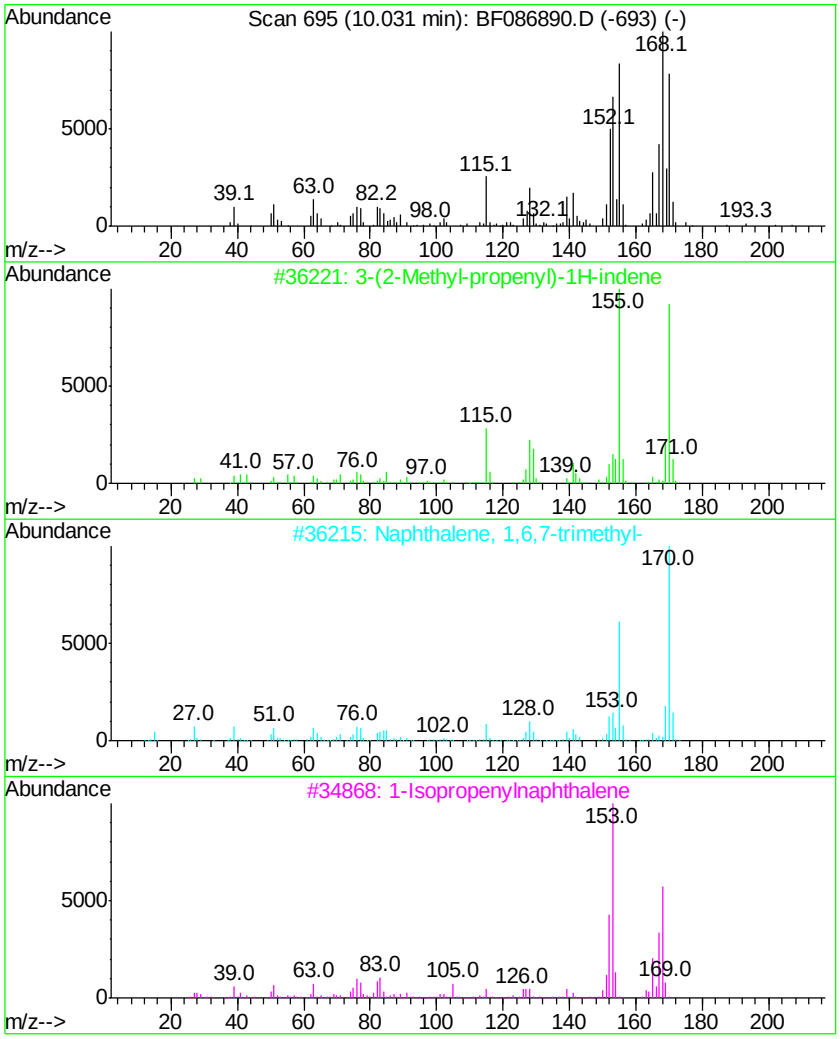
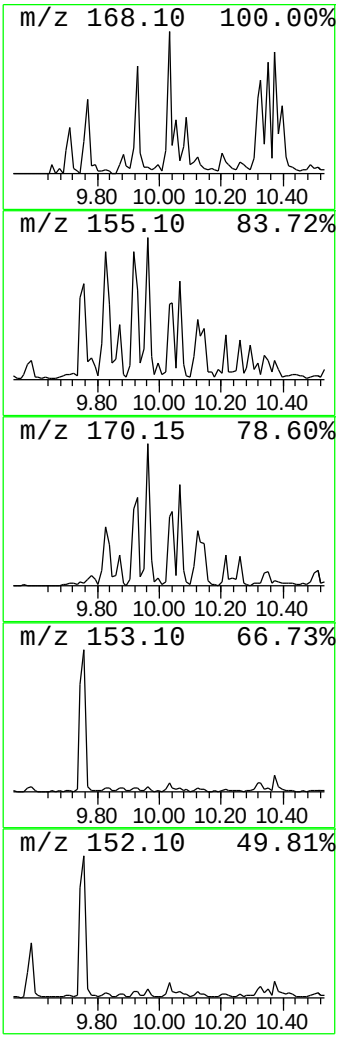
Peak Number 10 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	4.08 ng	239233	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	52
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	46
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	45
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	45





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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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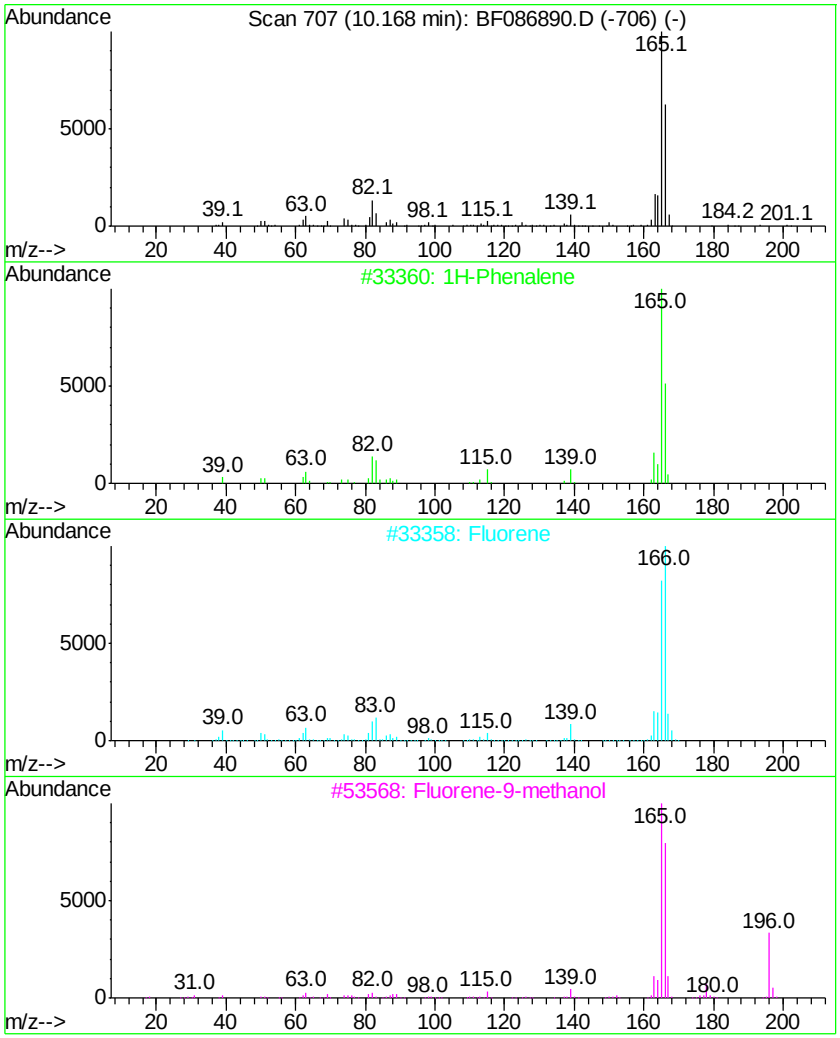
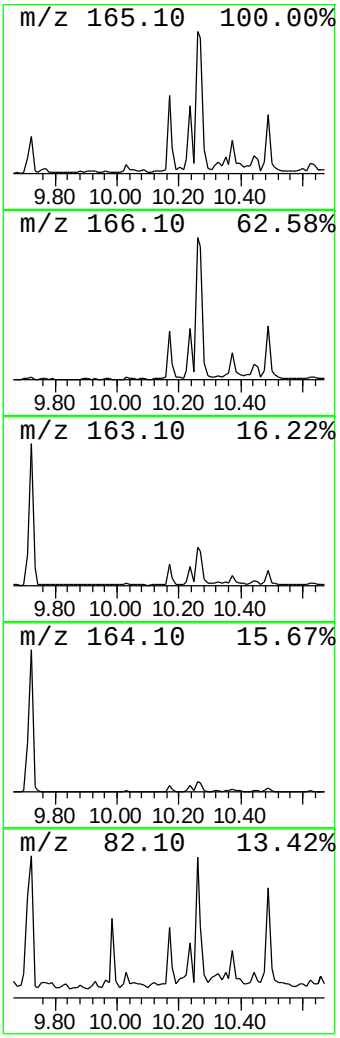
Peak Number 11 1H-Phenalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.60 ng	152198	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	90
2	Fluorene	166	C13H10	000086-73-7	58
3	Fluorene-9-methanol	196	C14H12O	024324-17-2	56
4	Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	56
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	45





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ALS Vial : 36 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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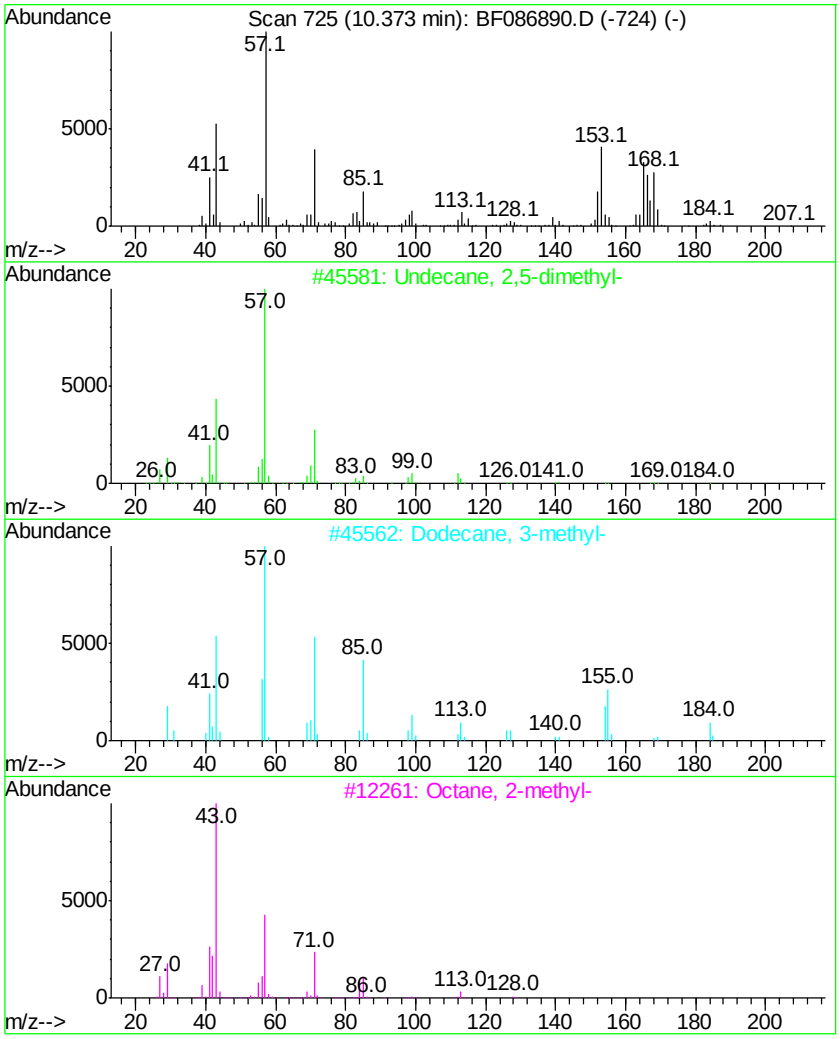
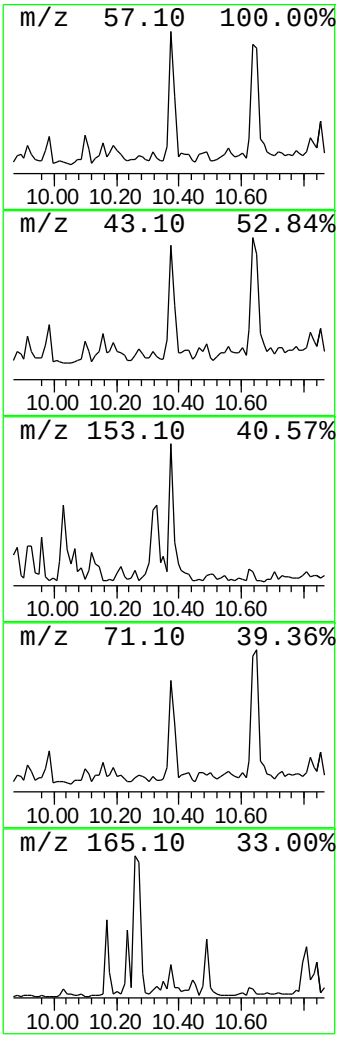
Peak Number 12 unknown10.37 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	6.65 ng	389575	Acenaphthene-d10	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	38
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
3	Octane, 2-methyl-	128	C9H20	003221-61-2	25
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	25
5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	25





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ClientSampleId : NYSEG-CLARK-ST-ESMI-5

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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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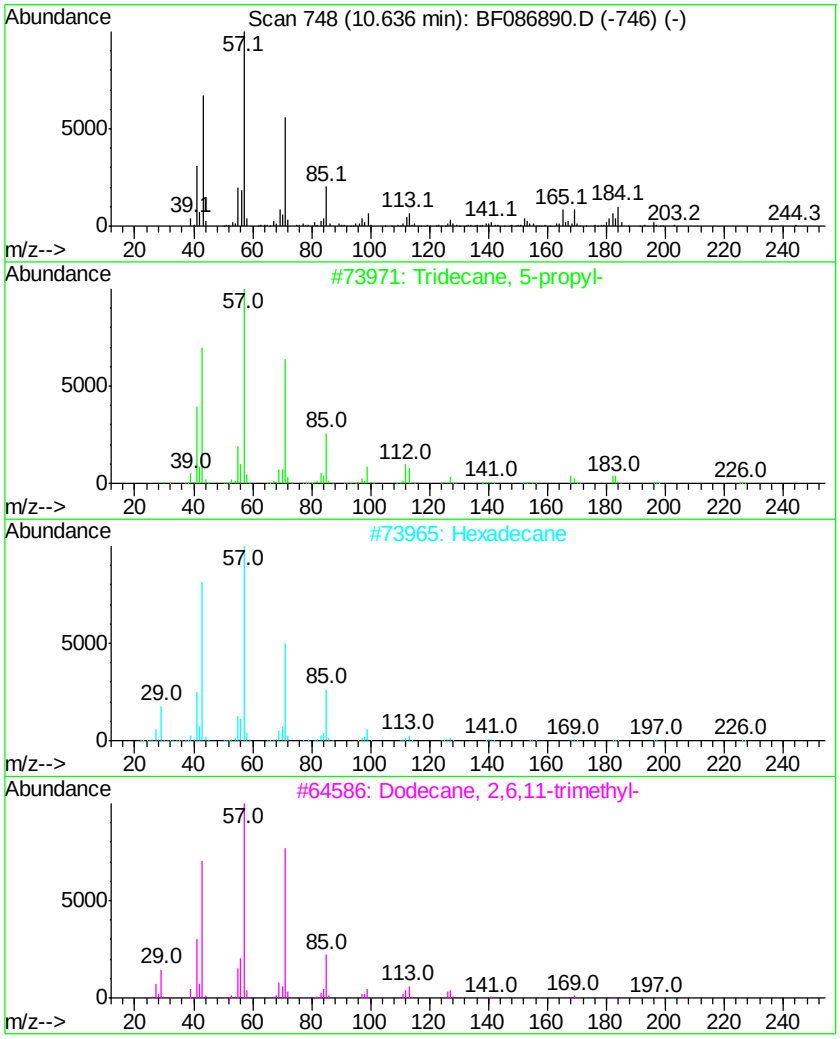
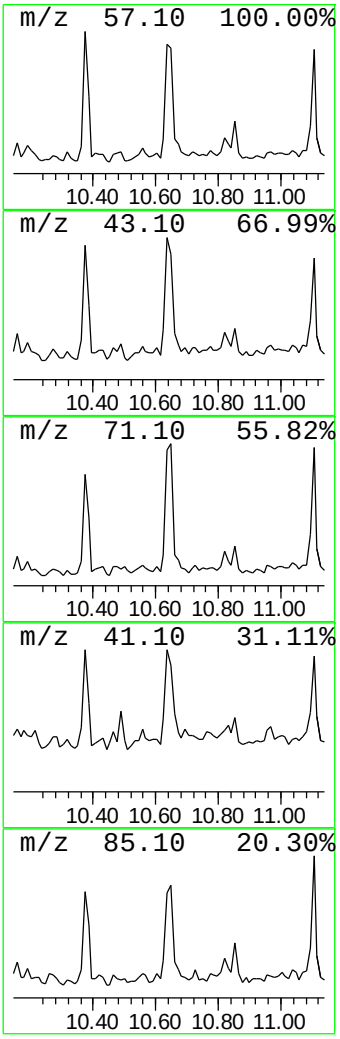
Peak Number 13 Tridecane, 5-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	3.84 ng	508750	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2	Hexadecane	226	C16H34	000544-76-3	58
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
4	Octane, 2-methyl-	128	C9H20	003221-61-2	58
5	Tridecane	184	C13H28	000629-50-5	49





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Sample : H2961-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

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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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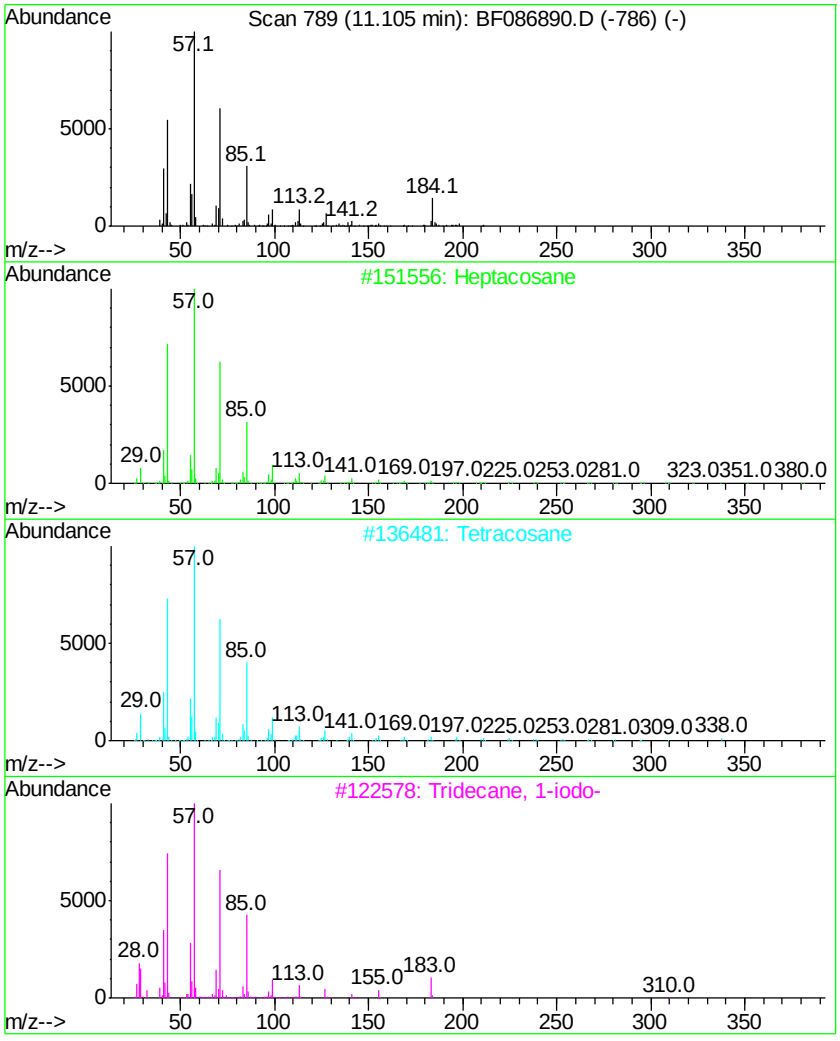
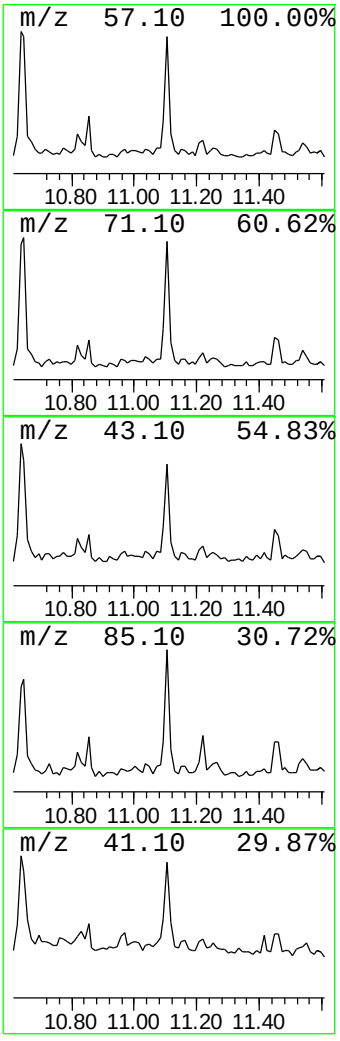
Peak Number 14 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	3.27 ng	432231	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Tetracosane	338	C24H50	000646-31-1	80
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58





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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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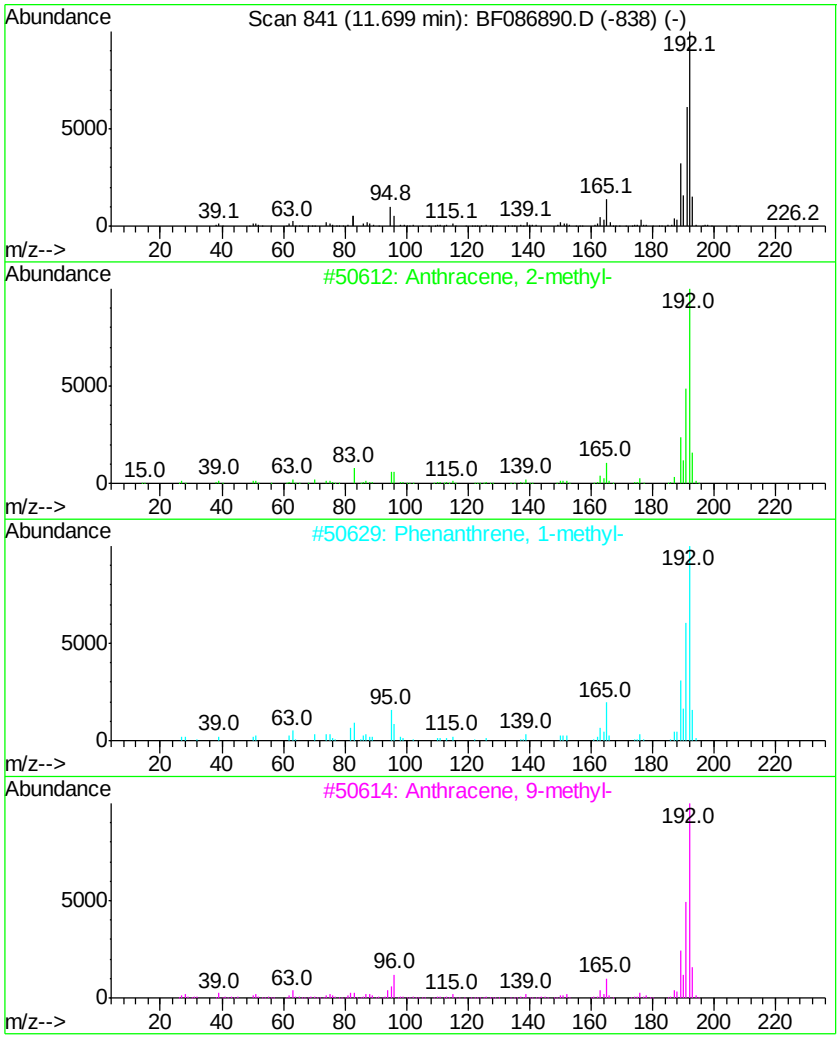
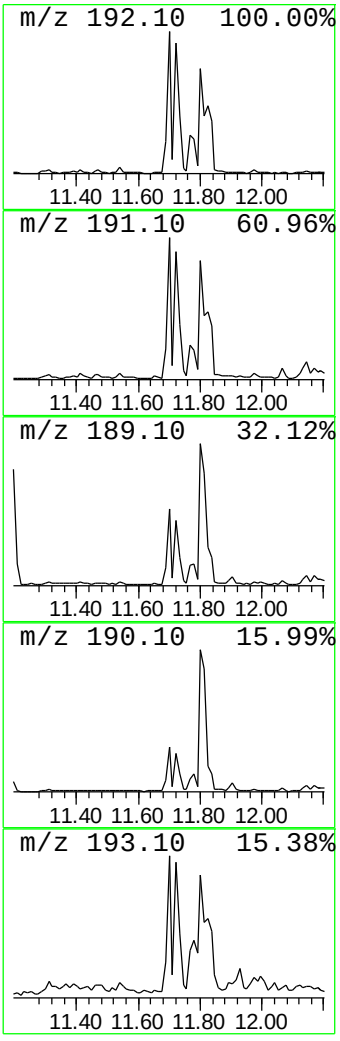
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.64 ng	350003	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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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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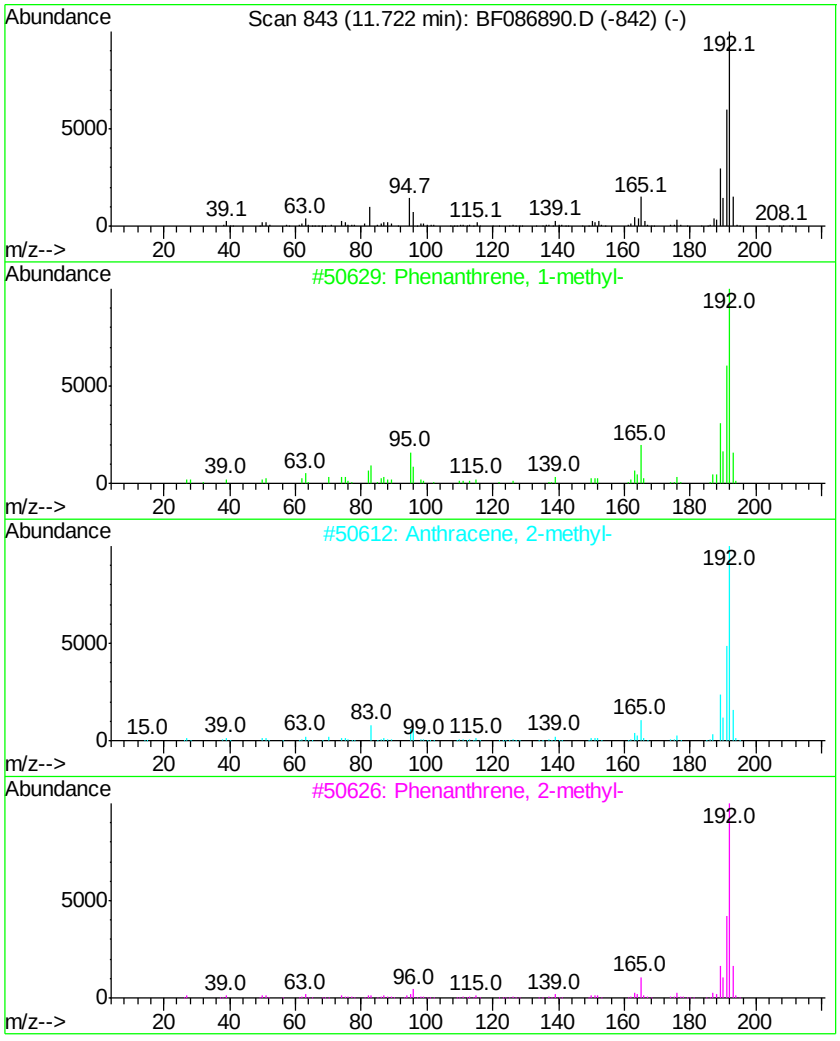
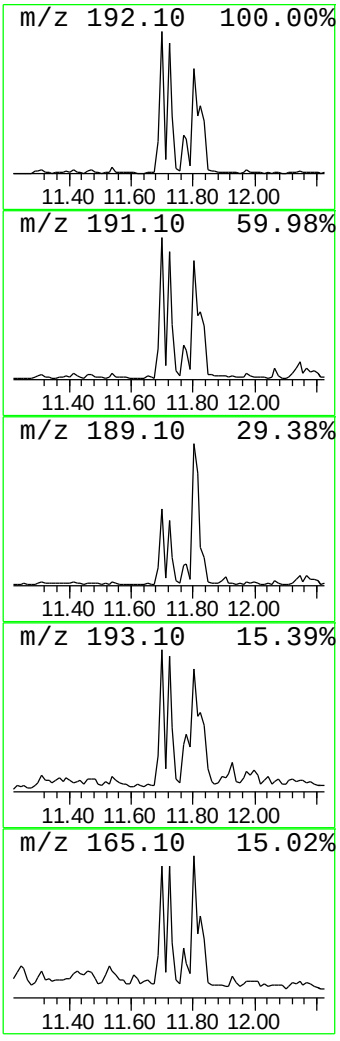
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.64 ng	348790	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





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Misc :
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ClientSampleId : NYSEG-CLARK-ST-ESMI-5

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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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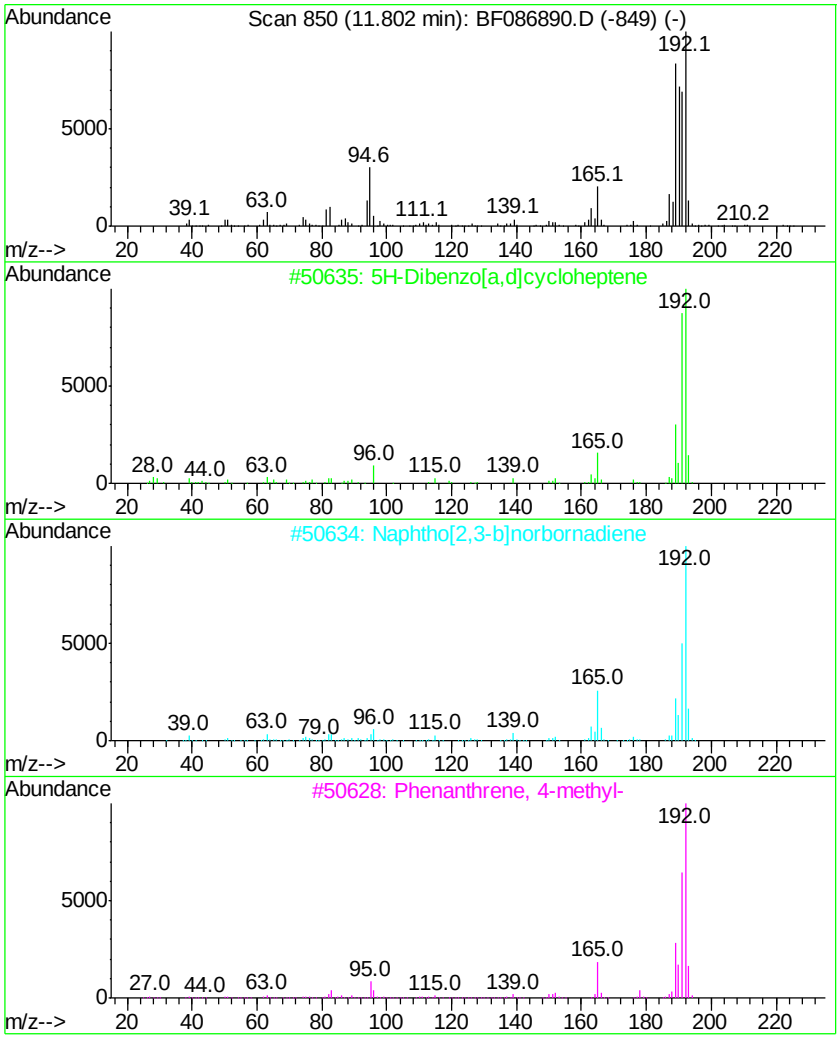
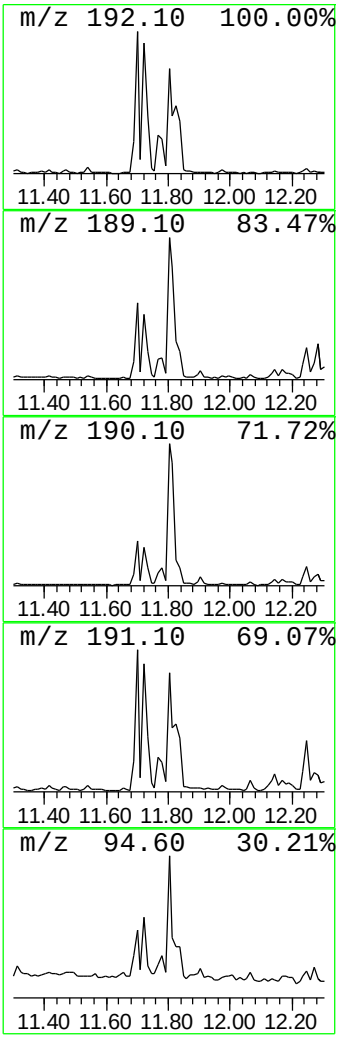
Peak Number 17 5H-Dibenzo[a,d]cycloheptene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	6.29 ng	832296	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

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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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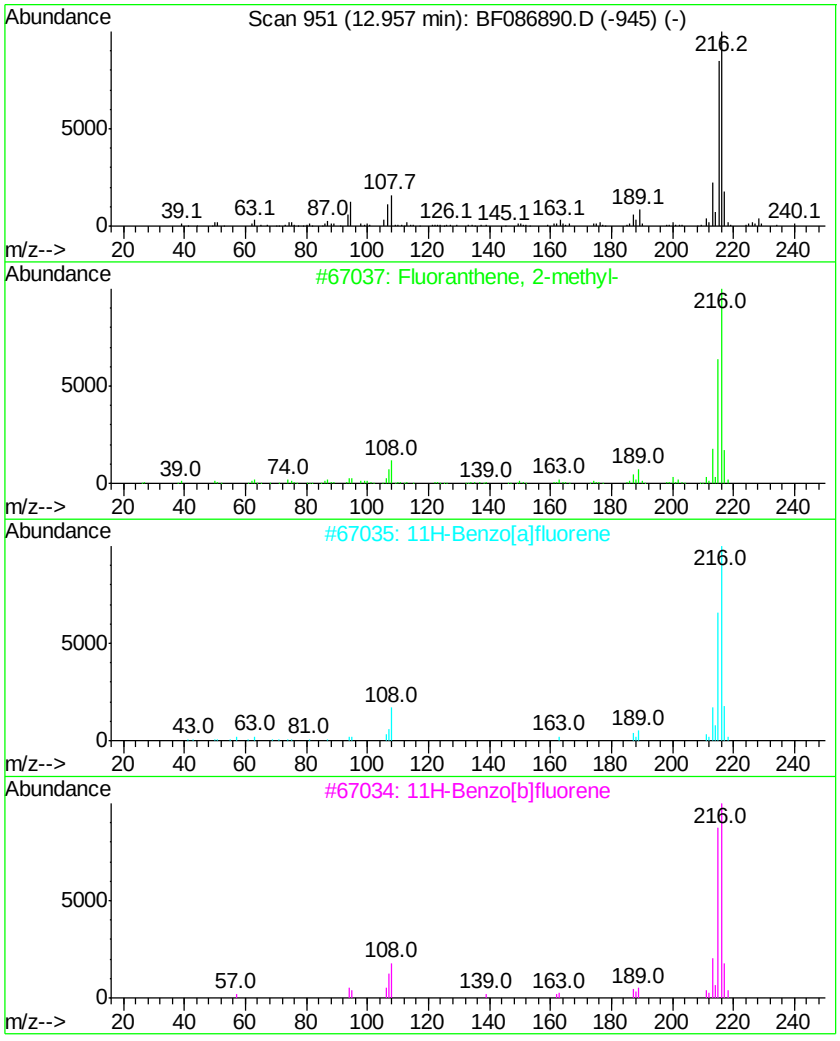
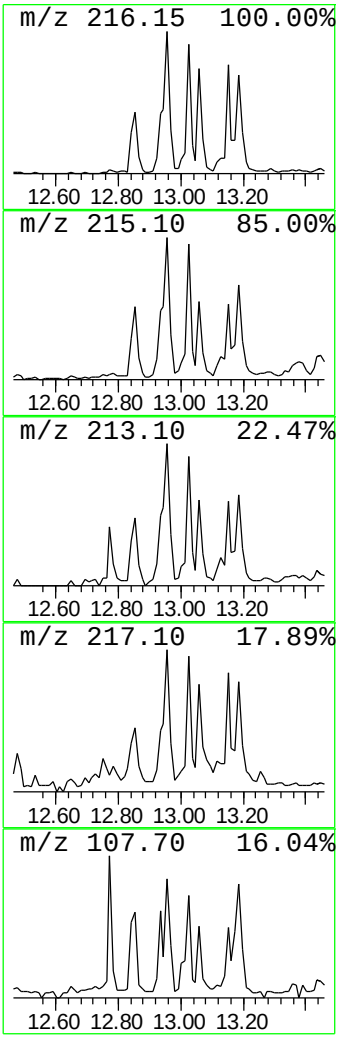
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	4.52 ng	326907	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086890.D
Acq On : 11 May 2016 9:30
Operator : UM/SJ
Sample : H2961-03 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

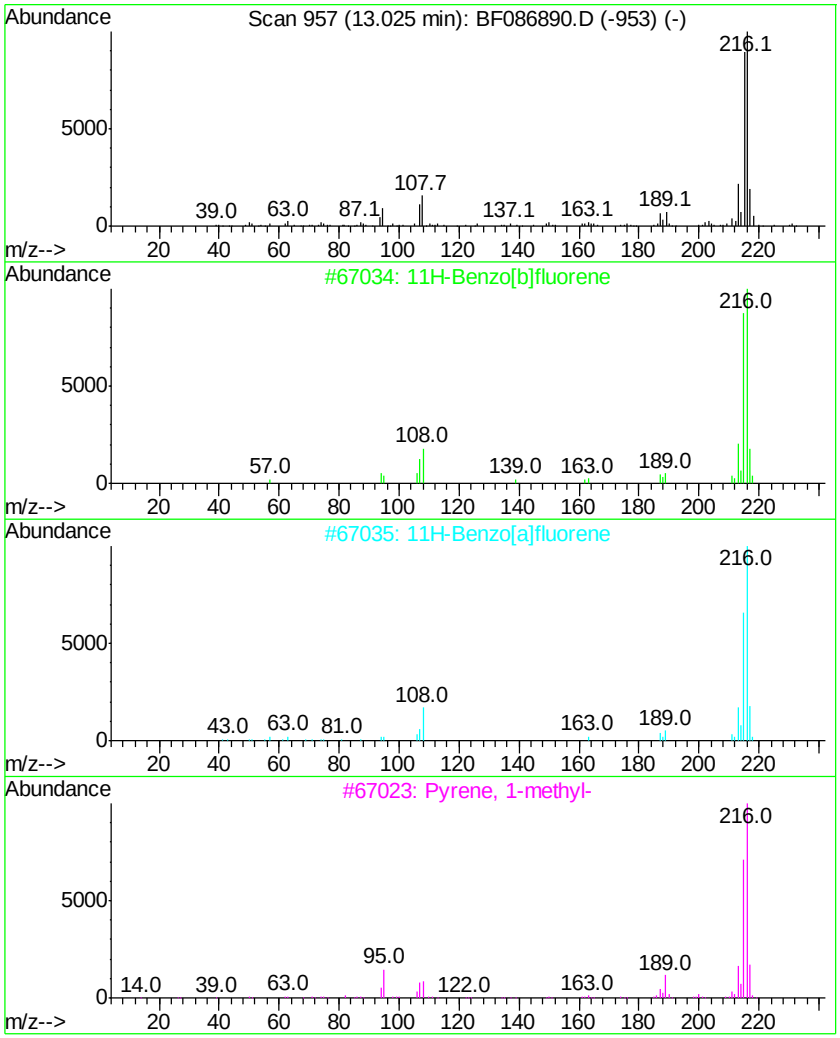
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

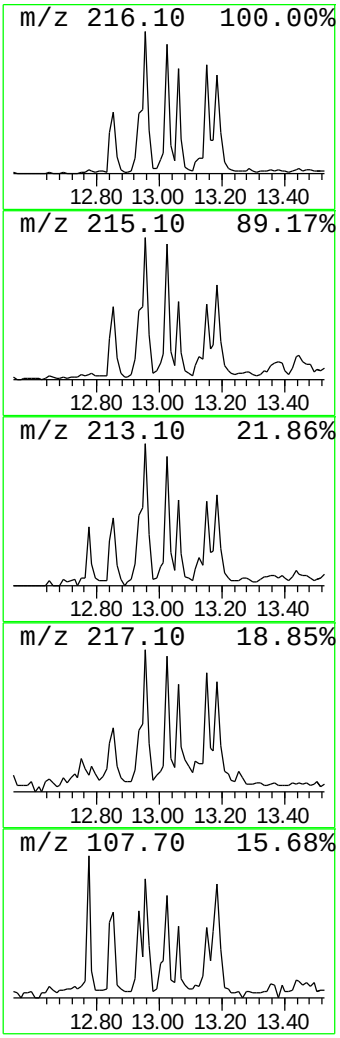
****

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.52 ng	182543	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051016\
Data File : BF086890.D
Acq On : 11 May 2016 9:30
Operator : UM/SJ
Sample : H2961-03 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NYSEG-CLARK-ST-ESMI-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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
unknown6.45	6.45	21.9	ng	1112690	1	6.68	1014040	20.0
Decane, 2,6,7-tri...	8.40	3.2	ng	195597	2	7.97	1230210	20.0
unknown8.62	8.62	2.5	ng	151377	2	7.97	1230210	20.0
Naphthalene, 1,7-...	9.31	5.8	ng	342853	3	9.72	1171940	20.0
Naphthalene, 2,3-...	9.38	8.6	ng	502865	3	9.72	1171940	20.0
Naphthalene, 2-(1...	9.82	2.6	ng	153225	3	9.72	1171940	20.0
Naphthalene, 2,3,...	9.92	3.4	ng	197177	3	9.72	1171940	20.0
Naphthalene, 1,6,...	9.96	4.4	ng	258779	3	9.72	1171940	20.0
3-(2-Methyl-prope...	10.03	4.1	ng	239233	3	9.72	1171940	20.0
1H-Phenalene	10.17	2.6	ng	152198	3	9.72	1171940	20.0
unknown10.37	10.37	6.7	ng	389575	3	9.72	1171940	20.0
Tridecane, 5-propyl-	10.64	3.8	ng	508750	4	11.20	2646880	20.0
Heptacosane	11.11	3.3	ng	432231	4	11.20	2646880	20.0
Anthracene, 2-met...	11.70	2.6	ng	350003	4	11.20	2646880	20.0
Phenanthrene, 1-m...	11.72	2.6	ng	348790	4	11.20	2646880	20.0
5H-Dibenzo[a,d]cy...	11.80	6.3	ng	832296	4	11.20	2646880	20.0
Fluoranthene, 2-m...	12.96	4.5	ng	326907	5	13.83	1446000	20.0
11H-Benzo[b]fluorene	13.03	2.5	ng	182543	5	13.83	1446000	20.0