

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
 Data File : BF090971.D
 Acq On : 2 Nov 2016 00:33
 Operator : UM/SJ
 Sample : H5493-25
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(0-2)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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	5.333	282	284	287	rBV	3723217	4057651	25.48%	1.035%
2	6.385	373	376	379	rBV	3557501	4205980	26.41%	1.073%
3	6.510	384	387	389	rVV	4396921	4749216	29.82%	1.211%
4	6.899	418	421	423	rBV	2835289	3622210	22.74%	0.924%
5	7.310	454	457	459	rBV	2316705	2838977	17.82%	0.724%
6	8.042	517	521	523	rBV2	1216101	2892955	18.16%	0.738%
7	8.842	588	591	593	rVV	1292227	1523104	9.56%	0.389%
8	9.105	611	614	616	rBV	4958709	4463075	28.02%	1.138%
9	9.368	634	637	639	rBV	873046	1280356	8.04%	0.327%
10	9.448	641	644	645	rVV	2154930	3122885	19.61%	0.797%
11	9.505	647	649	651	rVV2	2935582	3692629	23.18%	0.942%
12	9.562	651	654	656	rVV	1023777	1906276	11.97%	0.486%
13	9.642	659	661	664	rVV	4689491	4760525	29.89%	1.214%
14	9.779	670	673	674	rVV2	1951608	2546886	15.99%	0.650%
15	9.813	674	676	678	rVV	2648084	2695593	16.92%	0.688%
16	9.893	681	683	685	rVV	795615	1217973	7.65%	0.311%
17	9.985	688	691	693	rVV	2909955	3344101	21.00%	0.853%
18	10.031	693	695	698	rVV3	1170262	2320329	14.57%	0.592%
19	10.099	698	701	702	rVV	1846646	2272835	14.27%	0.580%
20	10.122	702	703	706	rVV2	824255	1438317	9.03%	0.367%
21	10.191	706	709	710	rVV2	1230411	2104779	13.22%	0.537%
22	10.225	710	712	714	rVV3	1183020	2410972	15.14%	0.615%
23	10.293	714	718	720	rVV2	1789753	3481143	21.86%	0.888%
24	10.328	720	721	724	rVV	3488094	4324224	27.15%	1.103%
25	10.396	724	727	728	rVV2	1073645	2064441	12.96%	0.527%
26	10.442	729	731	733	rVV	2204378	2904876	18.24%	0.741%
27	10.488	733	735	739	rVV3	1432250	2791250	17.53%	0.712%
28	10.568	739	742	744	rVV3	3011530	4349227	27.31%	1.109%
29	10.694	750	753	756	rVV3	3059089	6893753	43.28%	1.758%
30	10.774	756	760	763	rVV5	692377	1956223	12.28%	0.499%
31	10.819	763	764	767	rVV3	743059	1243484	7.81%	0.317%
32	10.876	767	769	770	rVV	2103821	2944691	18.49%	0.751%
33	10.911	770	772	775	rVV3	1365641	2952036	18.53%	0.753%
34	10.956	775	776	778	rVV2	1363018	1645863	10.33%	0.420%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
 Data File : BF090971.D
 Acq On : 2 Nov 2016 00:33
 Operator : UM/SJ
 Sample : H5493-25
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(0-2)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.025	778	782	785	rVV3	1660182	3959658	24.86%	1.010%
36	11.071	785	786	788	rVV2	909420	1335330	8.38%	0.341%
37	11.116	788	790	791	rVV2	1114519	1508688	9.47%	0.385%
38	11.162	791	794	798	rVB2	2244094	4689578	29.44%	1.196%
39	11.299	801	806	808	rBV2	6456169	13490525	84.70%	3.441%
40	11.356	808	811	812	rVV	4676201	6790185	42.63%	1.732%
41	11.379	812	813	816	rVV	1512894	2151039	13.51%	0.549%
42	11.505	822	824	827	rVV2	881687	2241504	14.07%	0.572%
43	11.562	827	829	831	rVV2	1260483	2345199	14.72%	0.598%
44	11.596	831	832	837	rVV2	1697079	2197855	13.80%	0.561%
45	11.676	837	839	841	rVB	1057967	1311299	8.23%	0.334%
46	11.768	845	847	849	rVV2	3015329	5224092	32.80%	1.333%
47	11.802	849	850	852	rVV	4592038	3823757	24.01%	0.975%
48	11.848	852	854	856	rVV	2358786	3231437	20.29%	0.824%
49	11.894	856	858	862	rVB2	5357726	9883373	62.05%	2.521%
50	12.065	870	873	874	rVV	2648914	2991970	18.79%	0.763%
51	12.099	874	876	878	rVB2	1121552	1386229	8.70%	0.354%
52	12.214	883	886	887	rBV2	1138988	1573884	9.88%	0.401%
53	12.248	887	889	893	rVB2	2322036	3944291	24.76%	1.006%
54	12.328	893	896	897	rBV	3481557	5076764	31.88%	1.295%
55	12.362	897	899	902	rVV2	2535355	4419838	27.75%	1.127%
56	12.419	902	904	907	rVB	1806401	2431588	15.27%	0.620%
57	12.499	907	911	913	rBV	6013801	14137312	88.76%	3.606%
58	12.534	913	914	917	rVV2	844060	1574080	9.88%	0.402%
59	12.579	917	918	921	rVB	2443060	2093576	13.14%	0.534%
60	12.637	921	923	928	rBV3	1340269	2752588	17.28%	0.702%
61	12.717	928	930	933	rVV2	6019975	13940217	87.53%	3.556%
62	12.774	933	935	937	rVB2	1563073	2109746	13.25%	0.538%
63	12.854	937	942	946	rVB3	3127928	7677225	48.20%	1.958%
64	12.934	946	949	953	rBV3	2660156	5202549	32.66%	1.327%
65	13.048	955	959	961	rVV	4177712	7036653	44.18%	1.795%
66	13.117	961	965	966	rVV	3917889	5190418	32.59%	1.324%
67	13.151	966	968	972	rVV	3633532	4798969	30.13%	1.224%
68	13.242	974	976	977	rVV	2823935	3150396	19.78%	0.804%
69	13.277	977	979	980	rVV	2549274	3283671	20.62%	0.838%
70	13.414	987	991	992	rBV4	583382	1345664	8.45%	0.343%
71	13.448	992	994	999	rVV3	999924	3092288	19.42%	0.789%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

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-BF102616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.528	999	1001	1002	rVV	1176739	1770162	11.11%	0.452%
73	13.551	1002	1003	1007	rVV2	1570625	2546551	15.99%	0.650%
74	13.665	1010	1013	1014	rVV2	2355782	4339011	27.24%	1.107%
75	13.711	1016	1017	1020	rVV2	1628510	3323120	20.86%	0.848%
76	13.768	1020	1022	1025	rVB3	1253288	2216488	13.92%	0.565%
77	13.917	1031	1035	1036	rVV	5381054	11847277	74.38%	3.022%
78	13.951	1036	1038	1041	rVV	5123245	10439337	65.54%	2.663%
79	14.020	1041	1044	1046	rVV2	1158853	2995548	18.81%	0.764%
80	14.065	1046	1048	1051	rVV3	2062358	3939166	24.73%	1.005%
81	14.145	1053	1055	1056	rVV2	1145628	1888644	11.86%	0.482%
82	14.305	1066	1069	1070	rVV	3514500	4920463	30.89%	1.255%
83	14.340	1070	1072	1073	rVV2	1830193	2307313	14.49%	0.589%
84	14.397	1073	1077	1078	rVV4	2399373	4038490	25.36%	1.030%
85	14.431	1078	1080	1083	rVV2	2327753	4834839	30.36%	1.233%
86	14.500	1083	1086	1089	rVB3	996987	1888050	11.85%	0.482%
87	14.625	1093	1097	1100	rBV3	1095319	3071843	19.29%	0.784%
88	14.945	1121	1125	1131	rBV	4972785	15927040	100.00%	4.063%
89	15.037	1131	1133	1135	rVB	2511665	2795769	17.55%	0.713%
90	15.220	1146	1149	1152	rBV	3567394	6068827	38.10%	1.548%
91	15.288	1152	1155	1157	rVV2	4522461	8986694	56.42%	2.292%
92	15.368	1160	1162	1165	rVB2	2482794	3335894	20.94%	0.851%
93	15.517	1170	1175	1179	rVV2	825788	3105858	19.50%	0.792%
94	15.734	1191	1194	1196	rBV	659420	1186111	7.45%	0.303%
95	15.848	1202	1204	1208	rVB2	1057838	1705197	10.71%	0.435%
96	16.694	1272	1278	1281	rBV	2657047	6897827	43.31%	1.759%
97	16.831	1287	1290	1293	rBV	718534	1507918	9.47%	0.385%
98	17.106	1308	1314	1320	rVB	1960624	5373261	33.74%	1.371%
99	17.311	1328	1332	1338	rVB2	856952	2187544	13.73%	0.558%
100	19.140	1486	1492	1498	rVB	609416	2187724	13.74%	0.558%

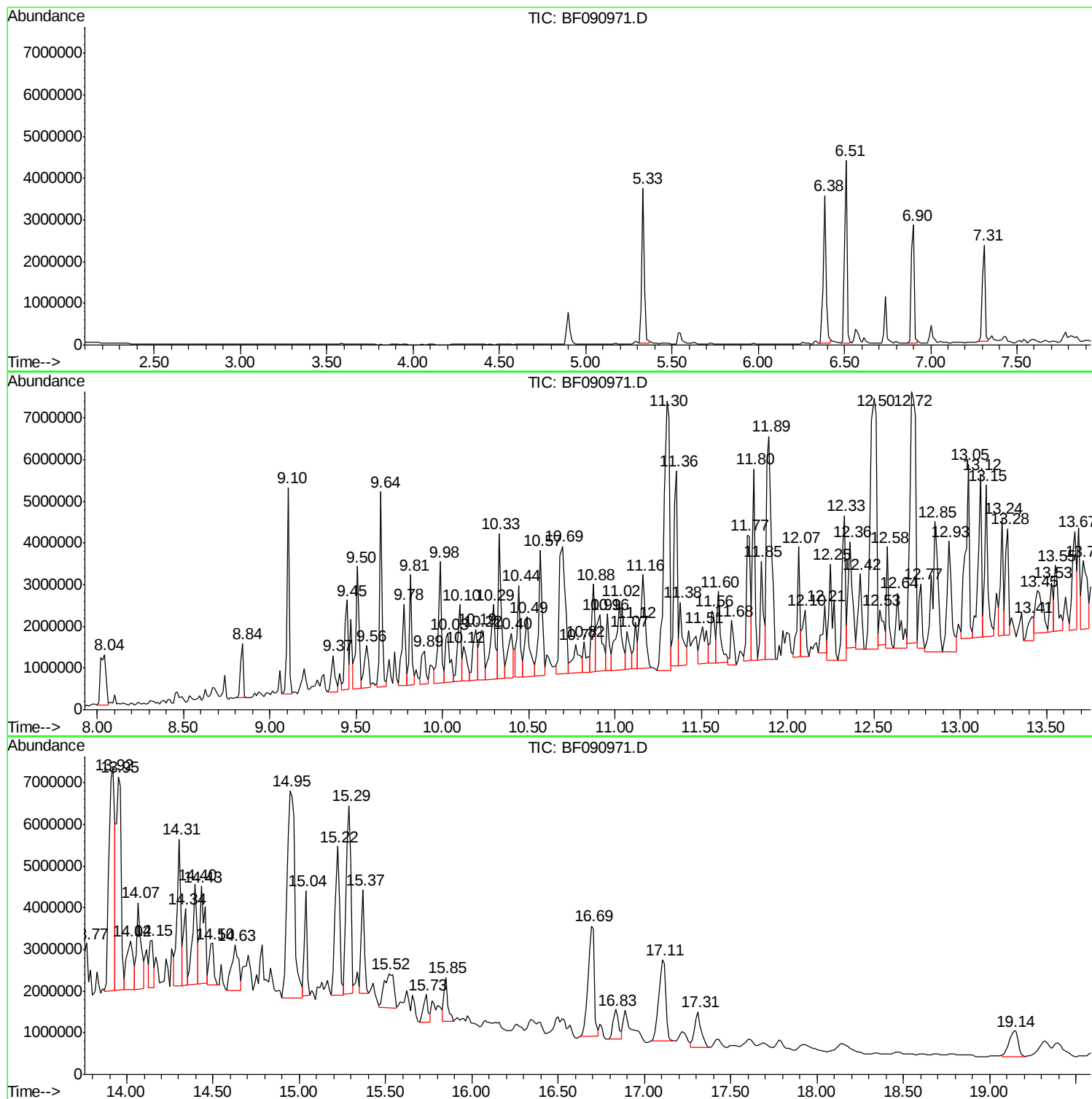
Sum of corrected areas: 392044236

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.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\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

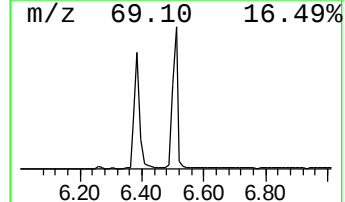
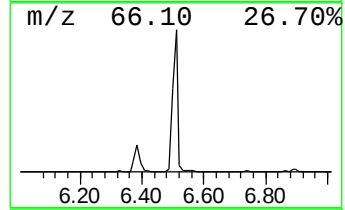
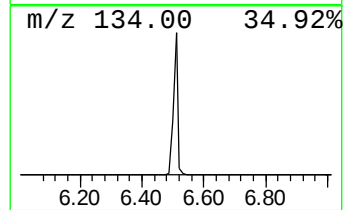
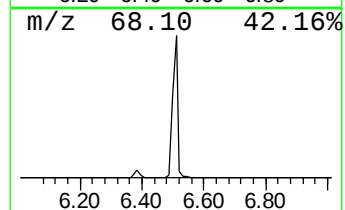
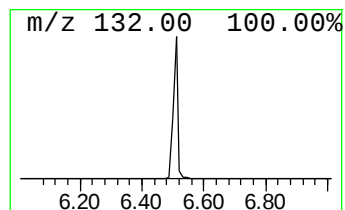
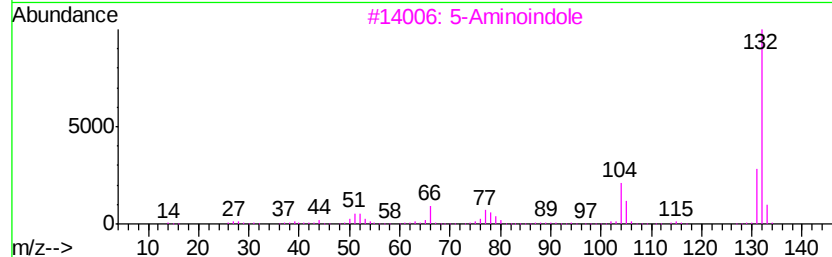
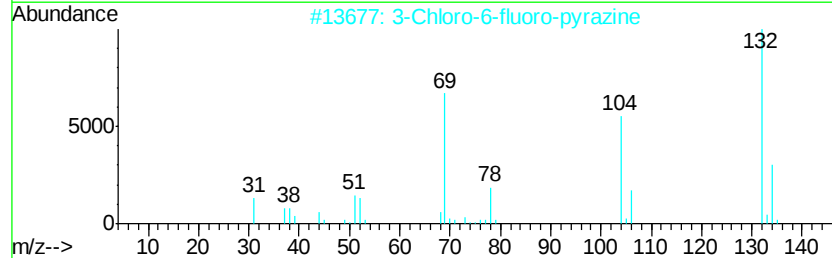
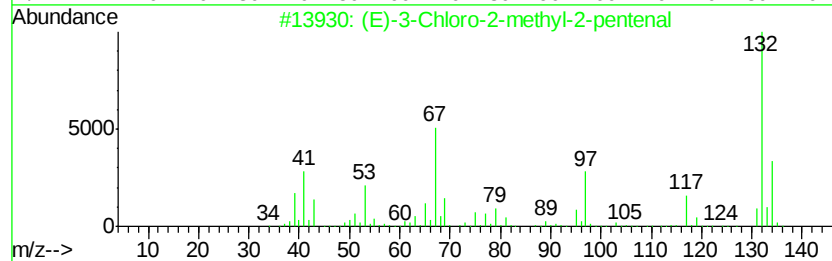
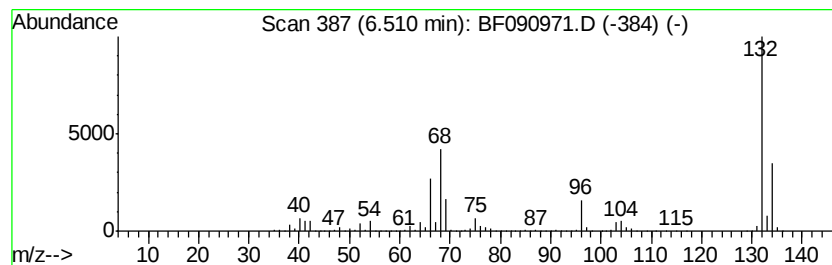
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.51 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	26.22 ng	4749220	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

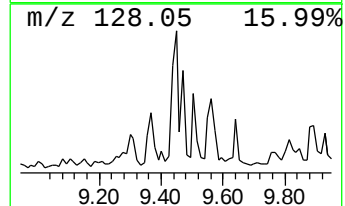
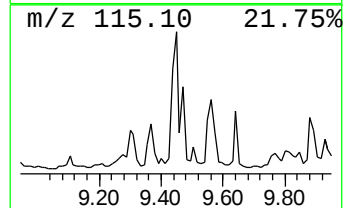
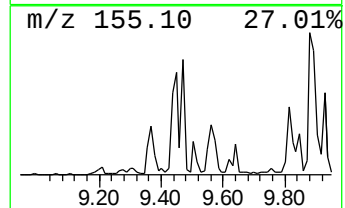
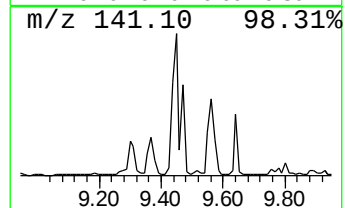
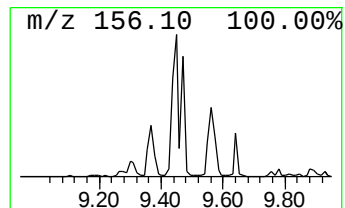
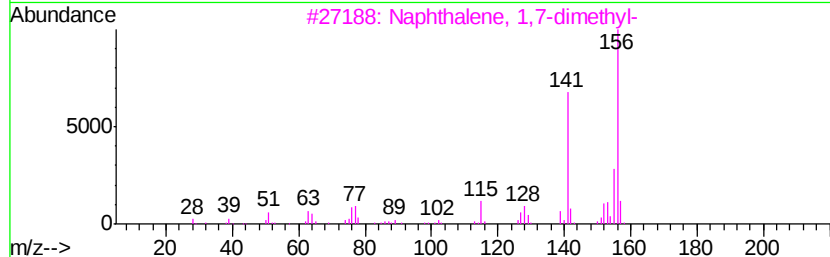
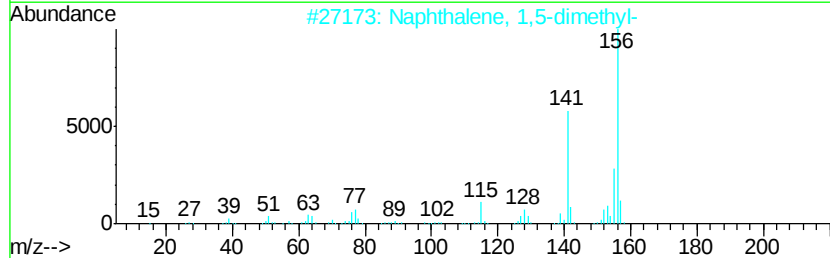
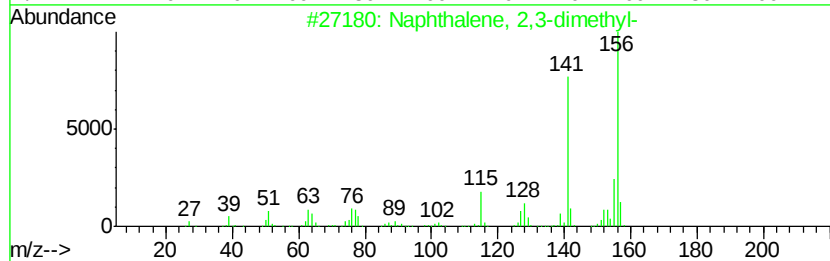
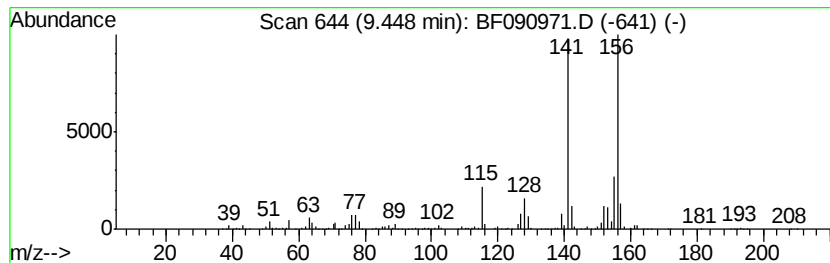
Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	24.52 ng	3122890	Acenaphthene-d10	9.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

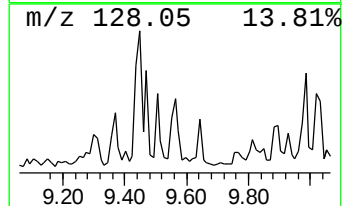
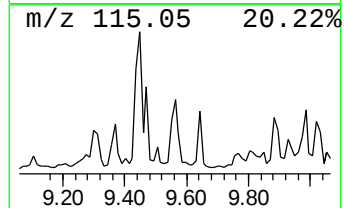
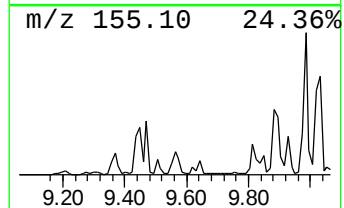
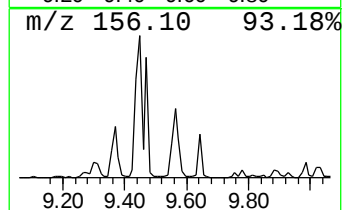
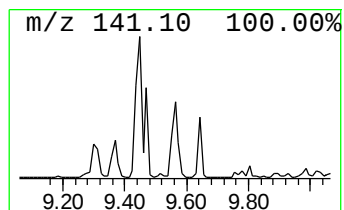
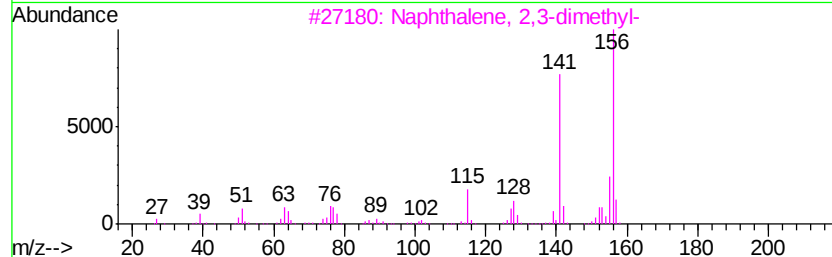
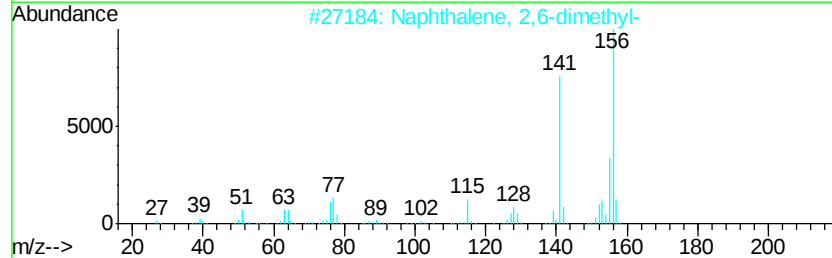
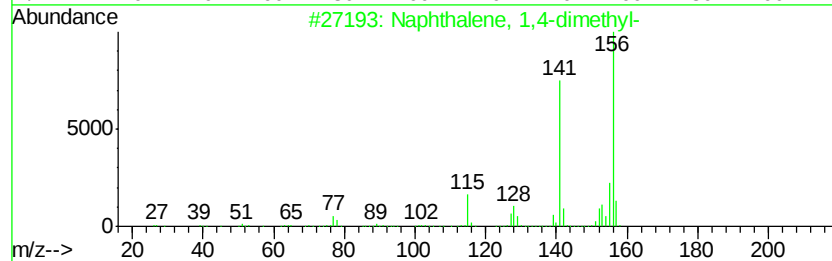
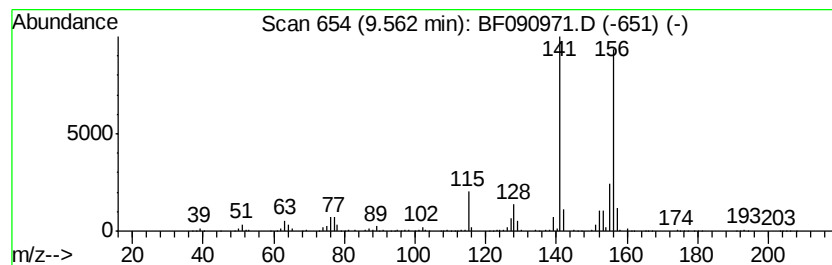
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	14.97 ng	1906280	Acenaphthene-d10	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

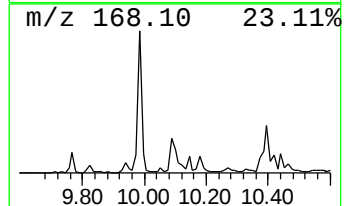
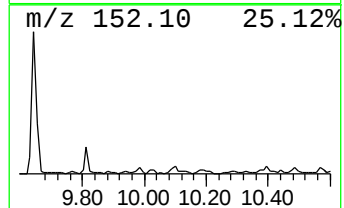
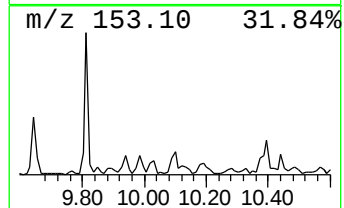
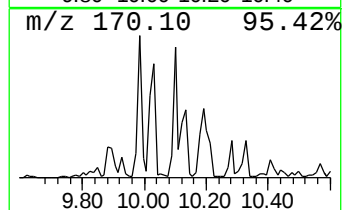
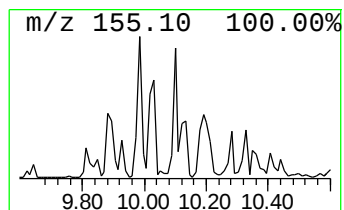
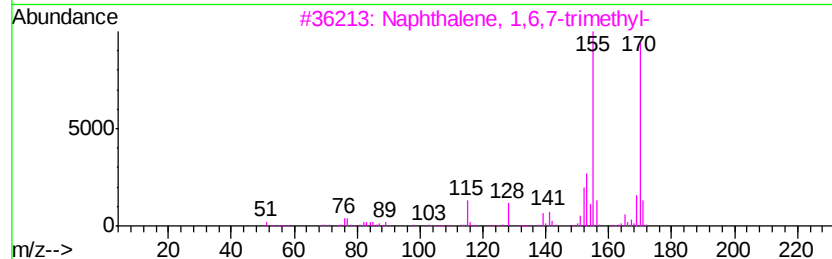
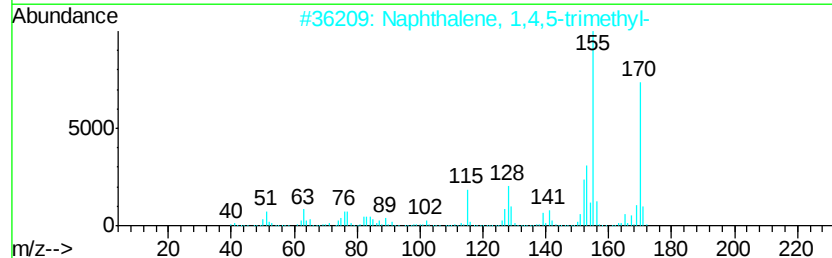
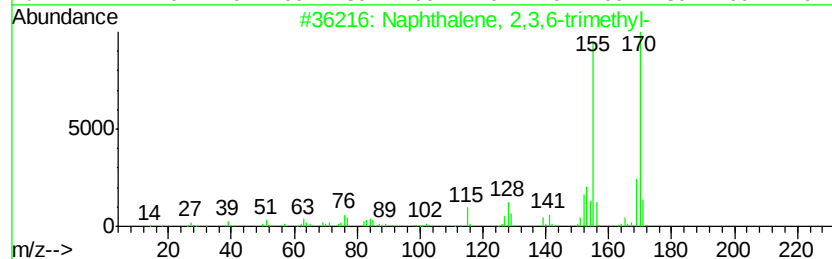
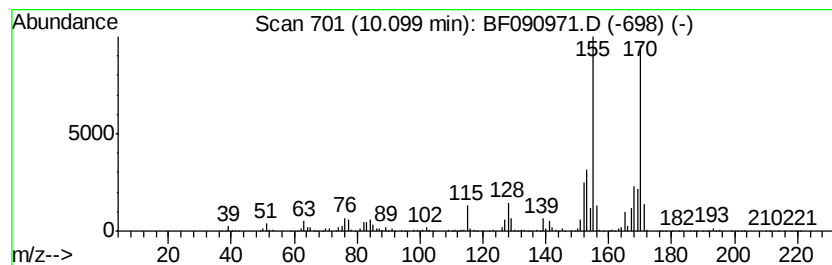
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	17.85 ng	2272840	Acenaphthene-d10	9.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

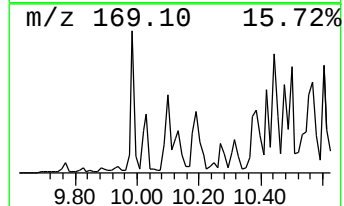
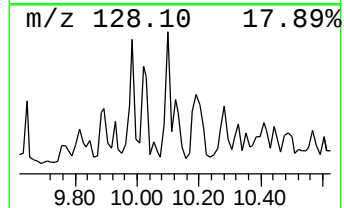
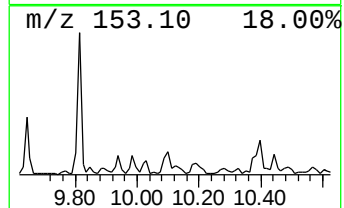
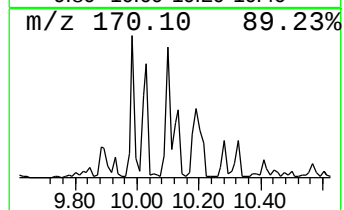
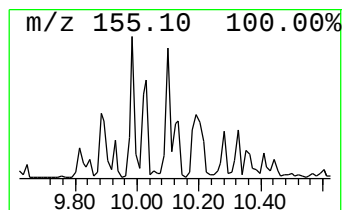
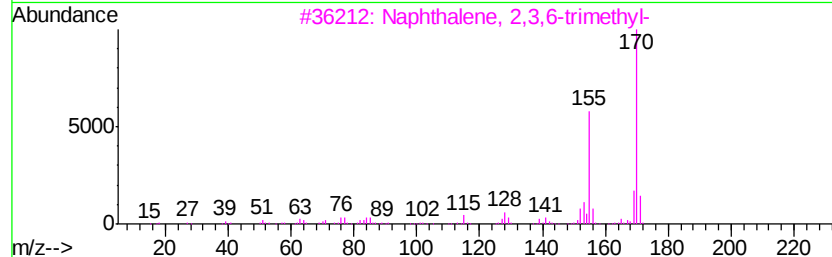
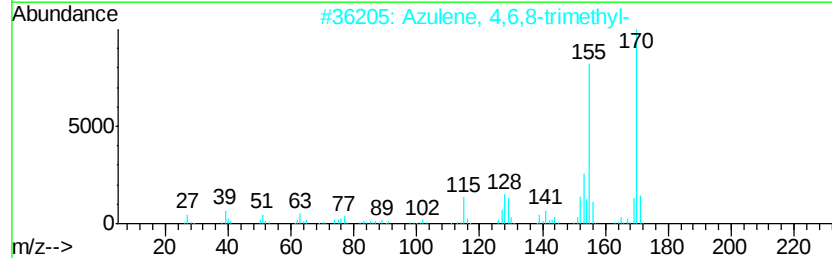
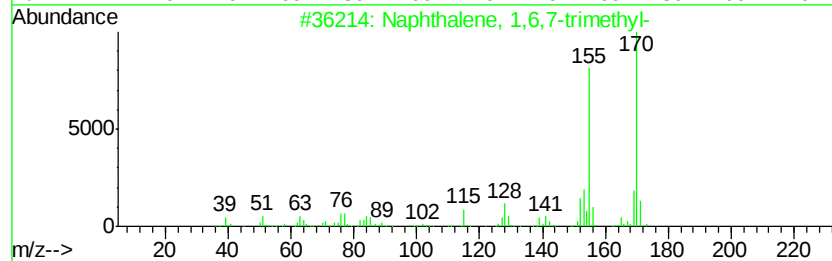
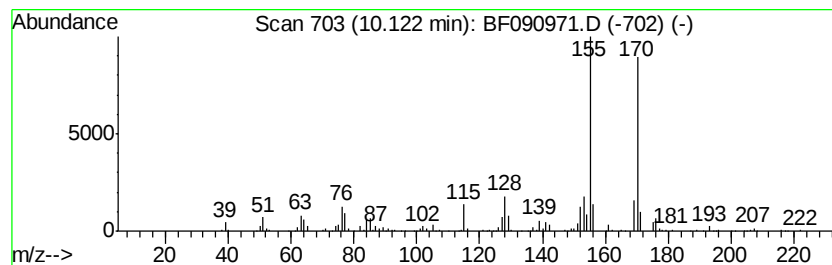
Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	11.29 ng	1438320	Acenaphthene-d10	9.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 96
2		Azulene, 4,6,8-trimethyl-	170 C13H14	000941-81-1 95
3		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 94
4		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 93
5		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

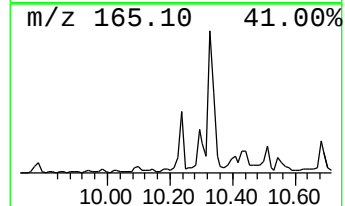
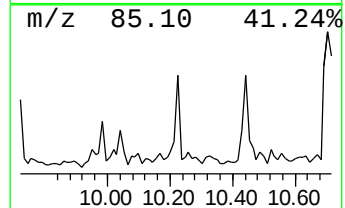
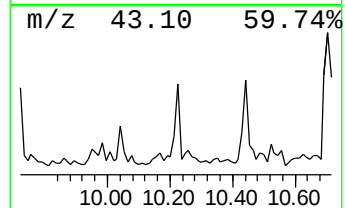
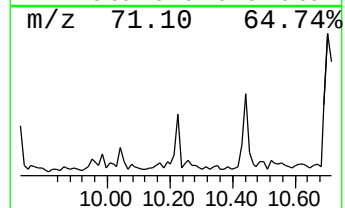
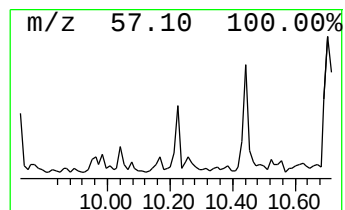
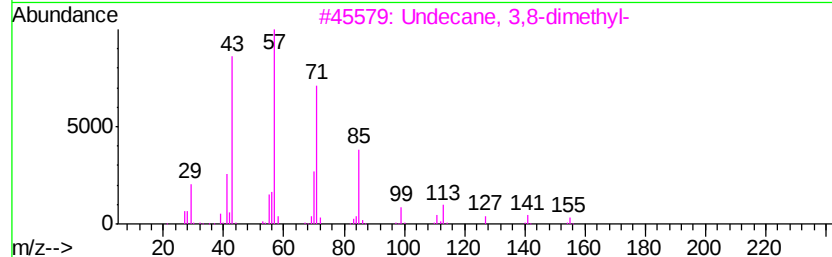
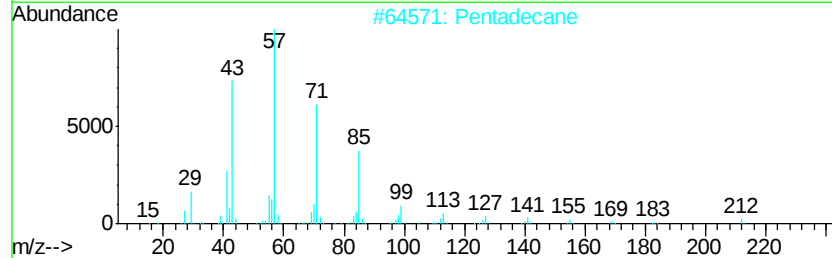
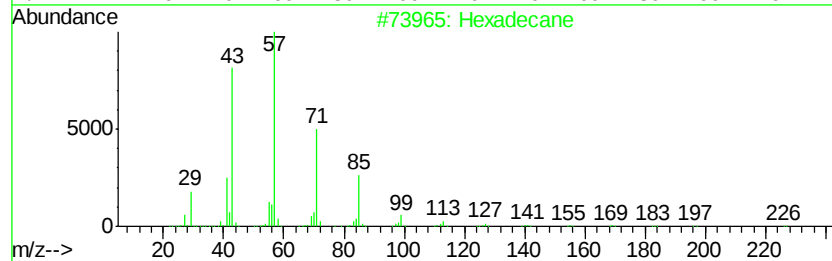
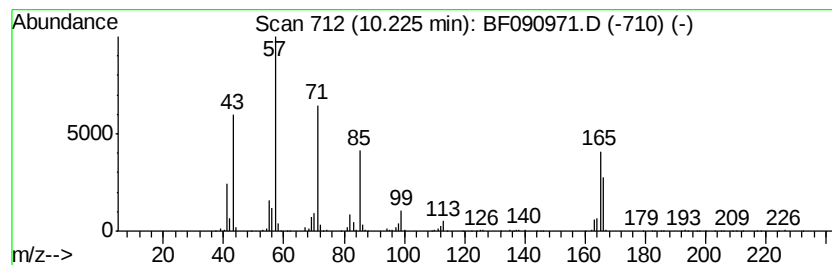
Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	18.93 ng	2410970	Acenaphthene-d10	9.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	78
2	Pentadecane	212 C15H32	000629-62-9	47
3	Undecane, 3,8-dimethyl-	184 C13H28	017301-30-3	47
4	Heptacosane	380 C27H56	000593-49-7	47
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

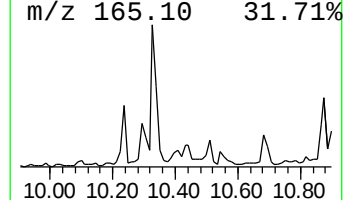
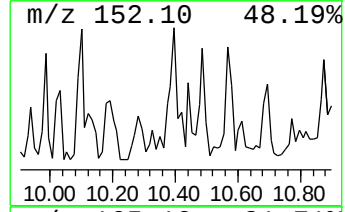
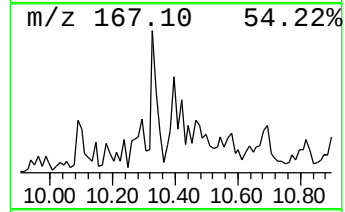
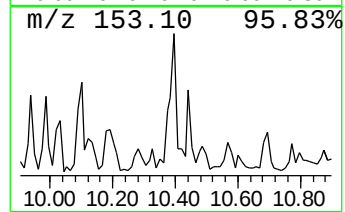
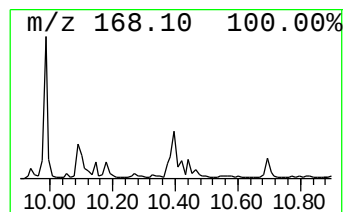
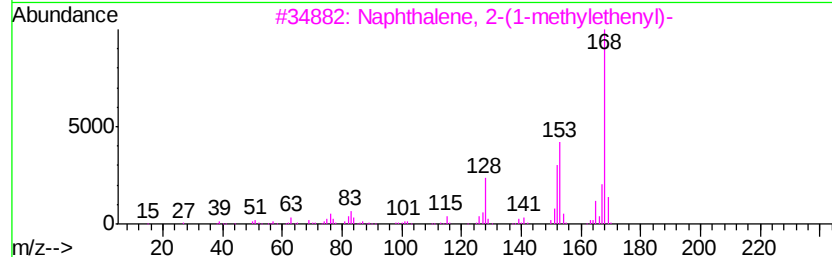
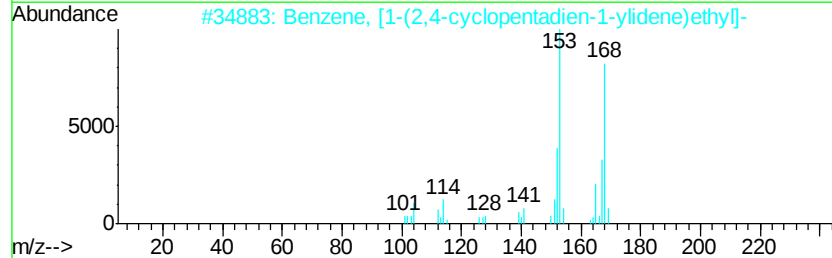
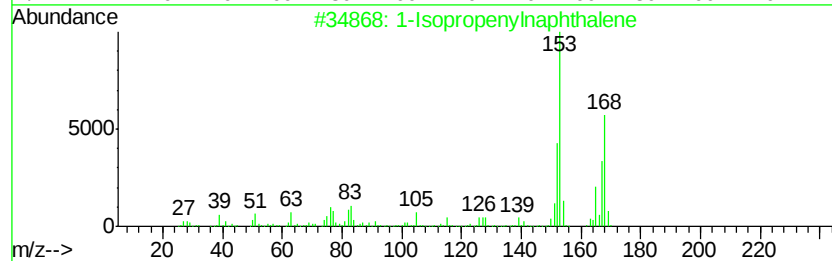
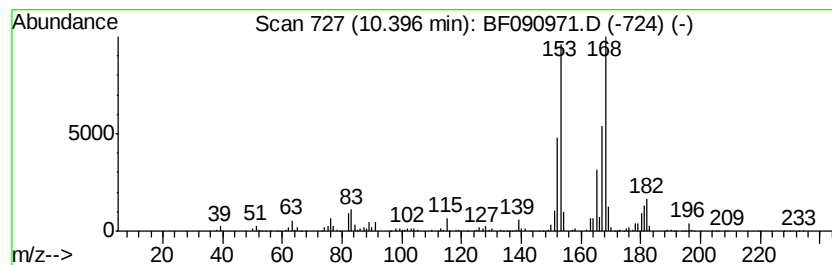
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Isopropenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	16.21 ng	2064440	Acenaphthene-d10	9.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	90
2			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	74
3			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
4			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
5			(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

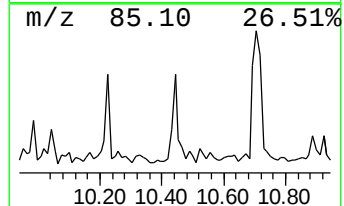
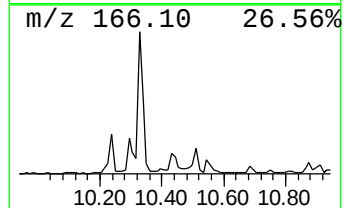
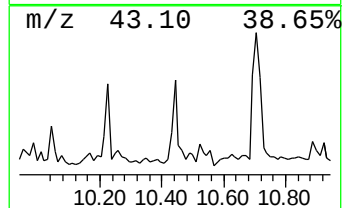
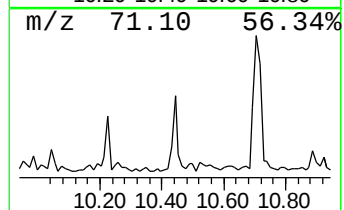
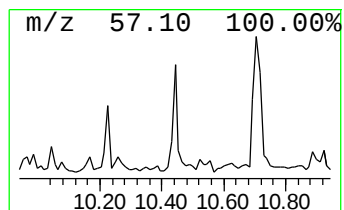
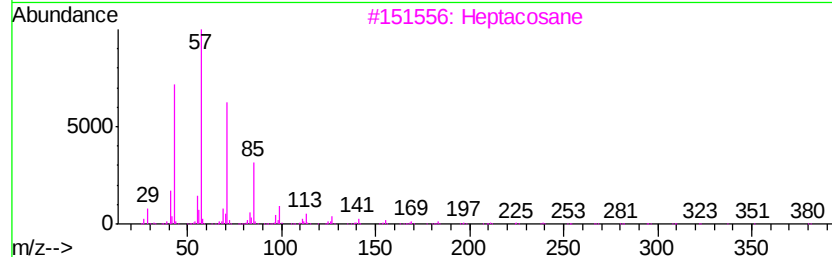
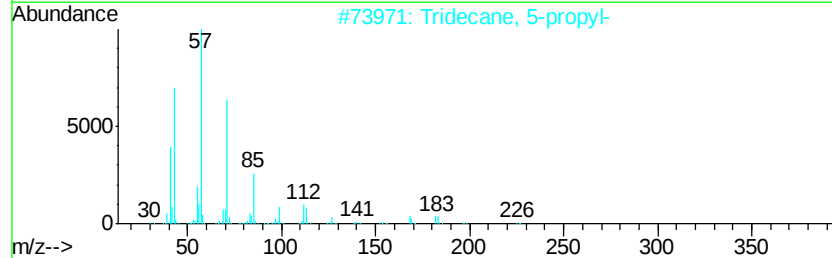
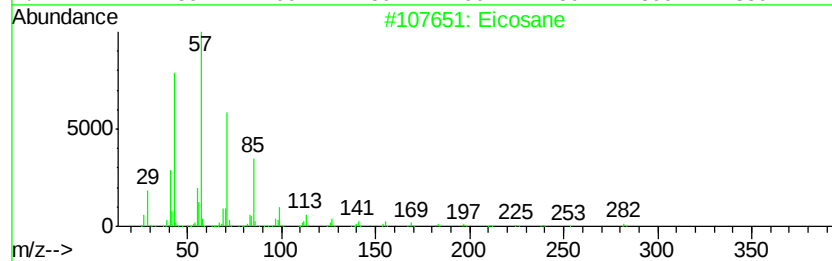
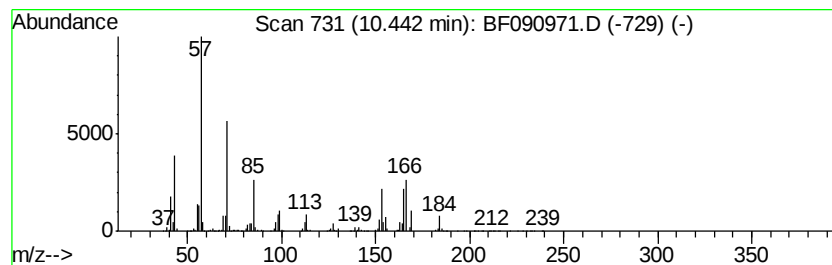
Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.44 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	22.81 ng	2904880	Acenaphthene-d10	9.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	43
2	Tridecane, 5-propyl-	226 C16H34	055045-11-9	43
3	Heptacosane	380 C27H56	000593-49-7	43
4	Hexadecane	226 C16H34	000544-76-3	41
5	Heneicosane	296 C21H44	000629-94-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

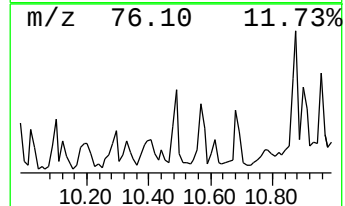
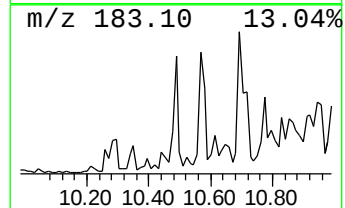
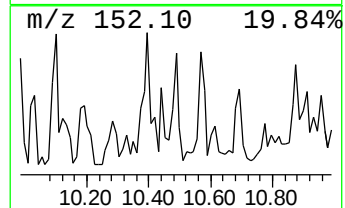
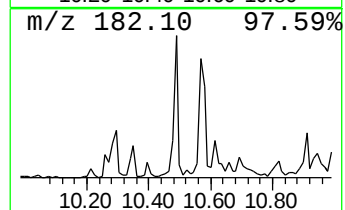
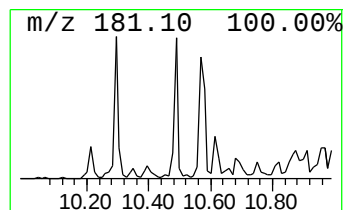
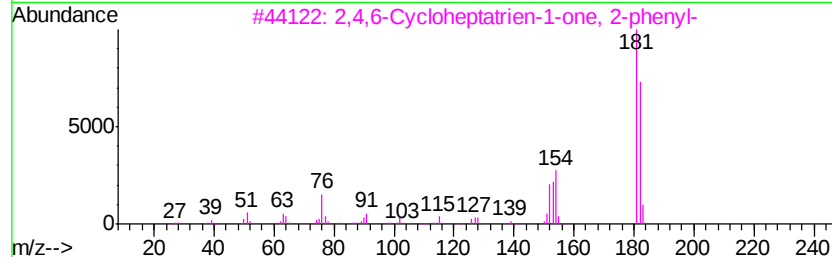
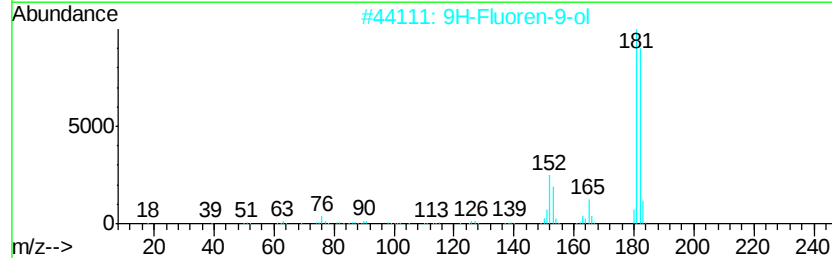
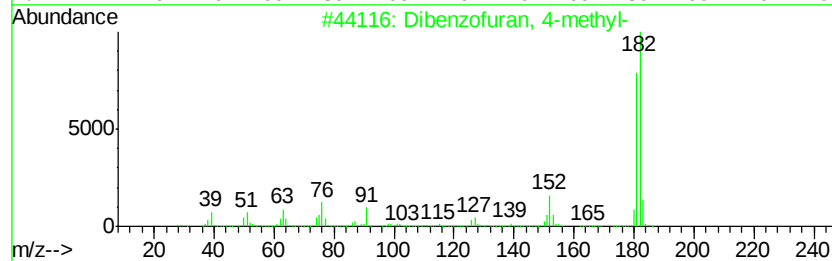
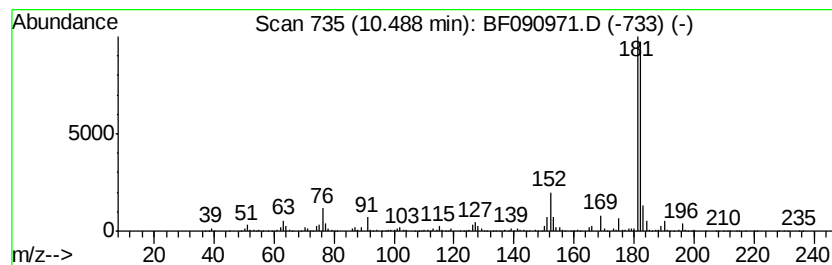
Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dibenzofuran, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.49	21.92 ng	2791250	Acenaphthene-d10	9.78	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3	2,4,6-Cycloheptatrien-1-one, 2-phenyl-	182	C13H10O	014562-09-5	80
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

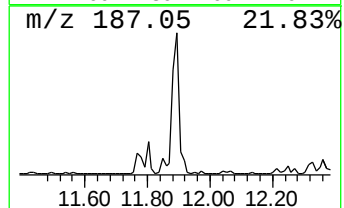
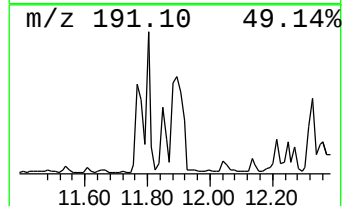
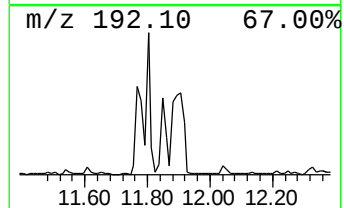
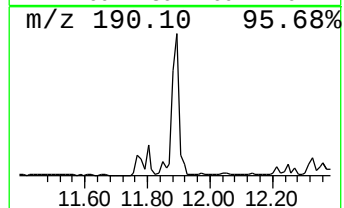
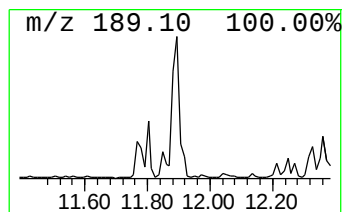
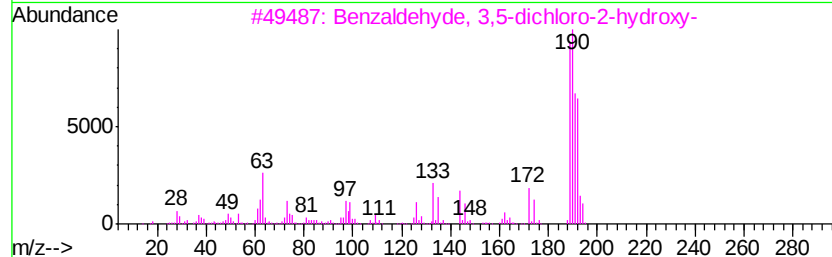
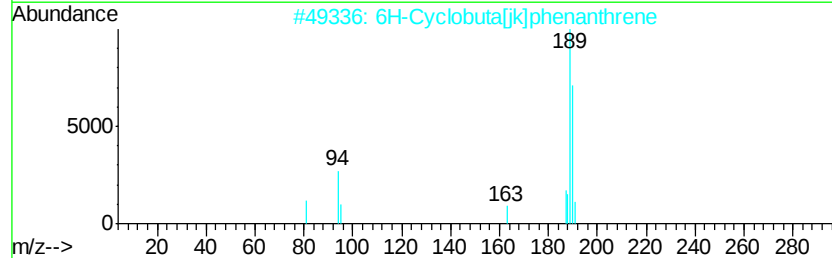
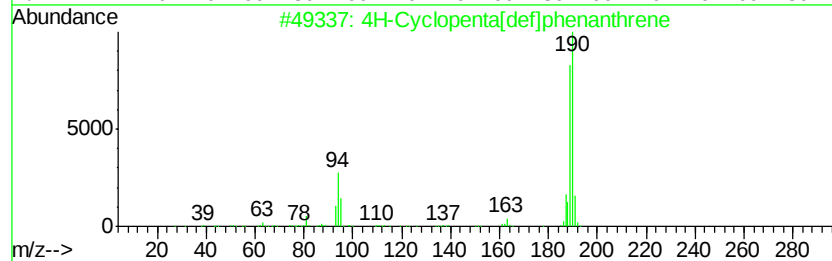
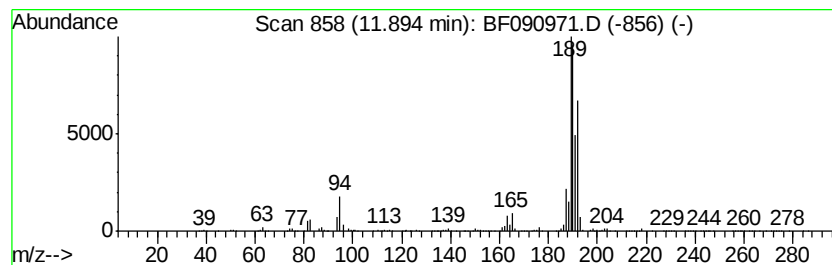
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	14.65 ng	9883370	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	45
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

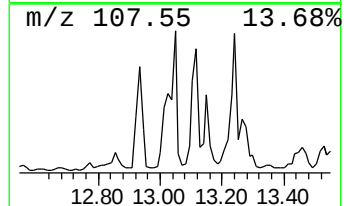
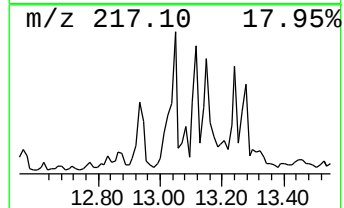
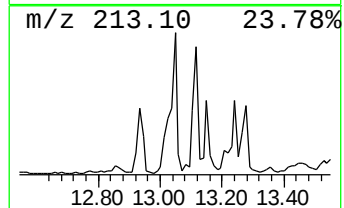
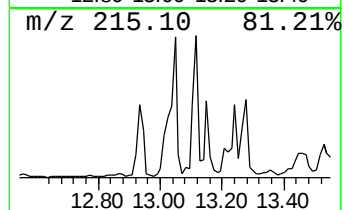
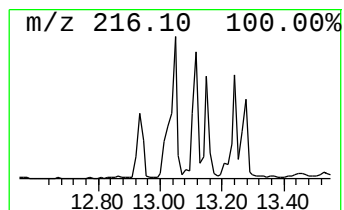
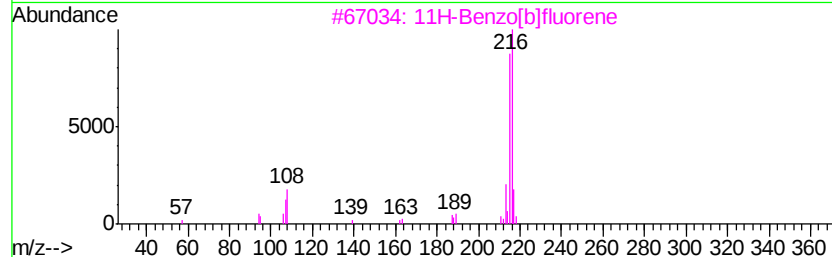
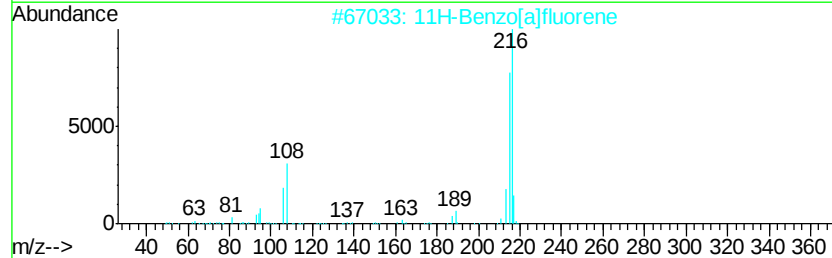
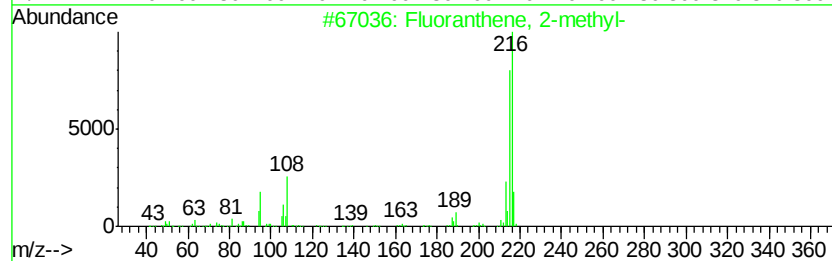
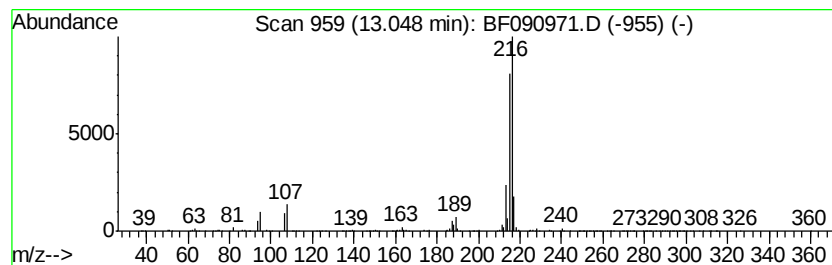
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	11.88 ng	7036650	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

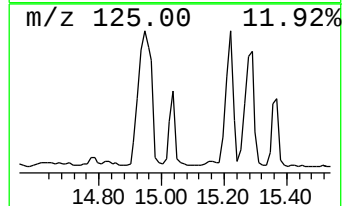
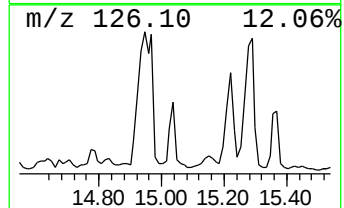
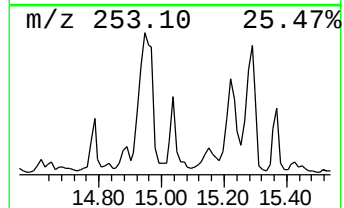
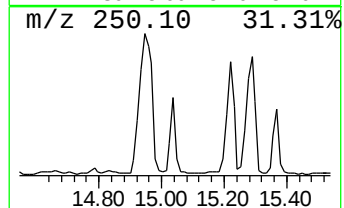
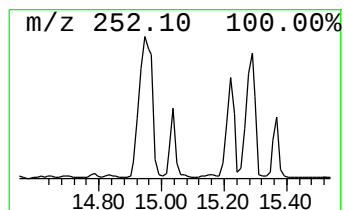
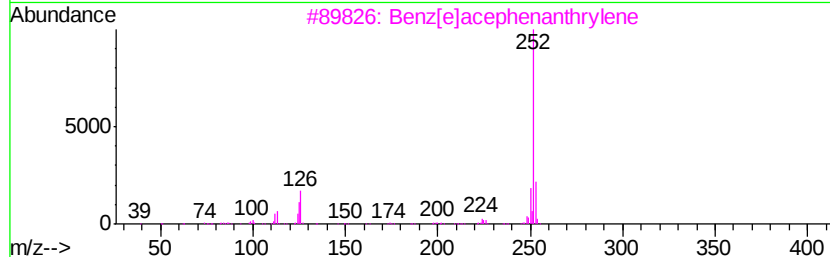
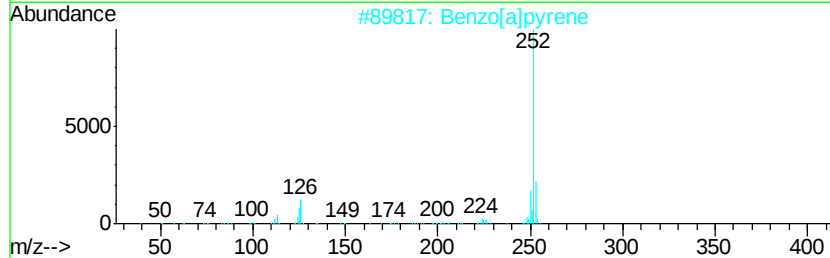
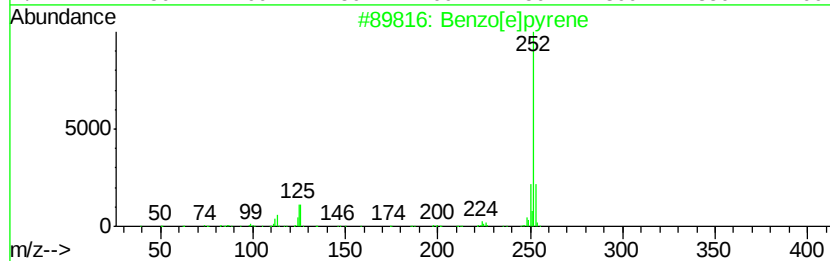
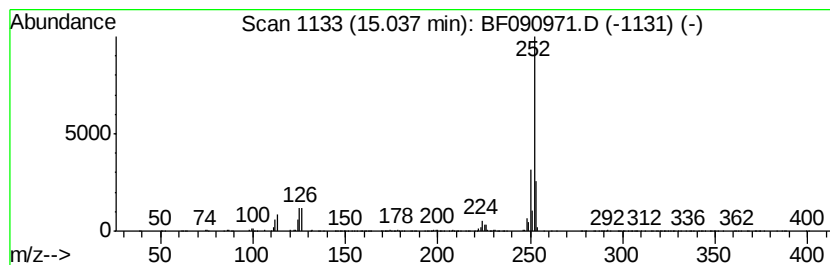
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	16.76 ng	2795770	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

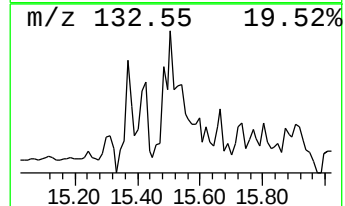
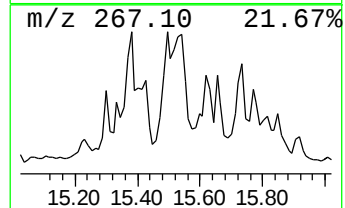
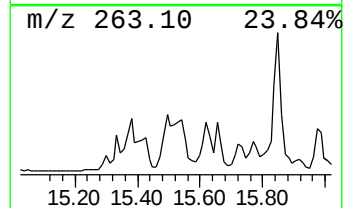
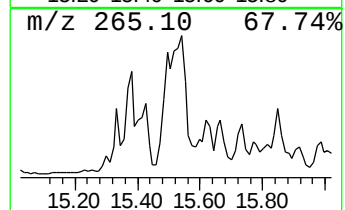
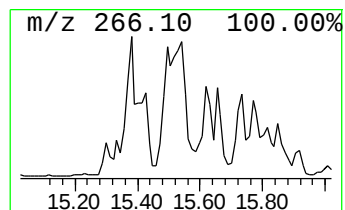
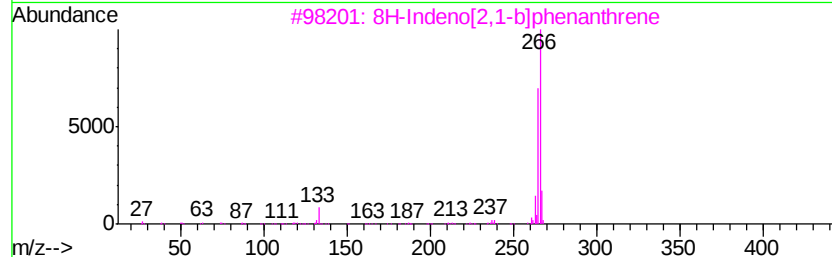
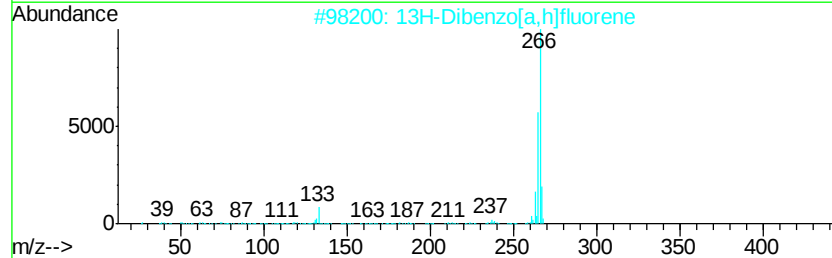
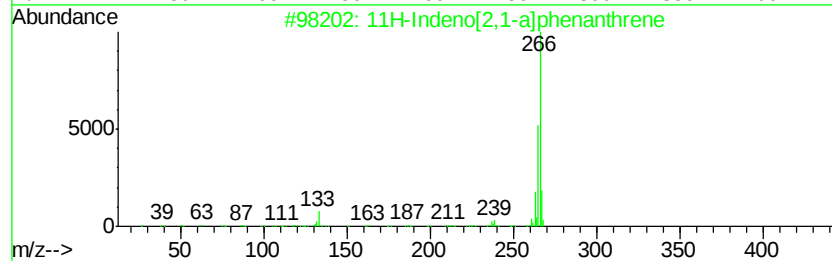
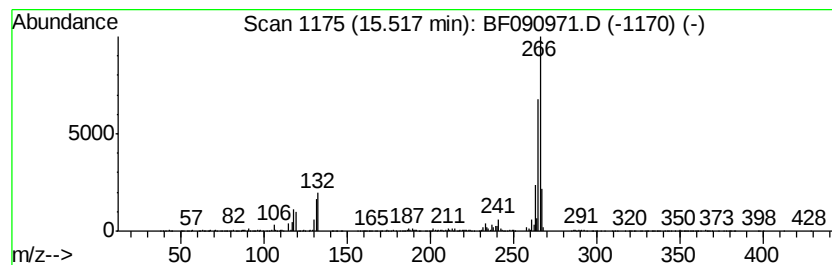
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Indeno[2,1-a]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	18.62 ng	3105860	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	89
2		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	89
3		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	81
4		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	64
5		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090971.D
Acq On : 2 Nov 2016 00:33
Operator : UM/SJ
Sample : H5493-25
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

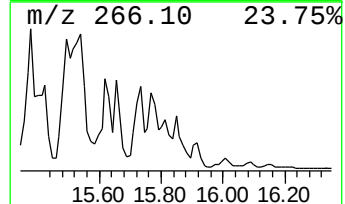
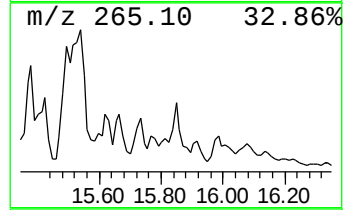
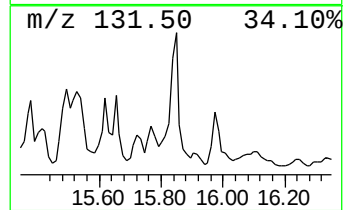
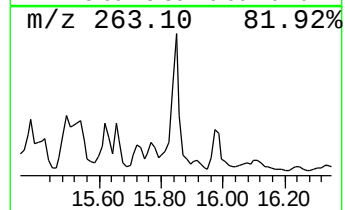
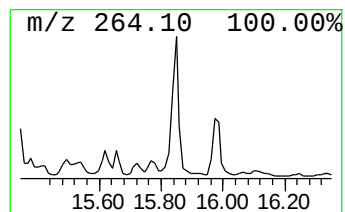
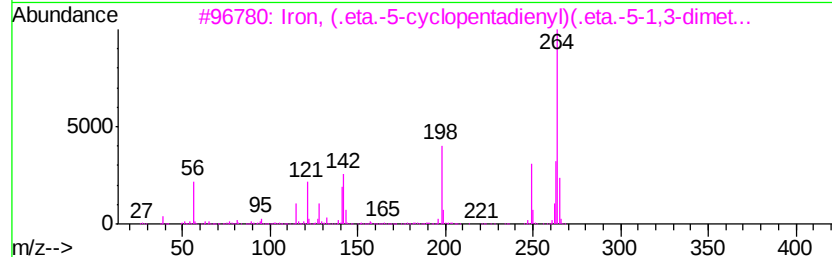
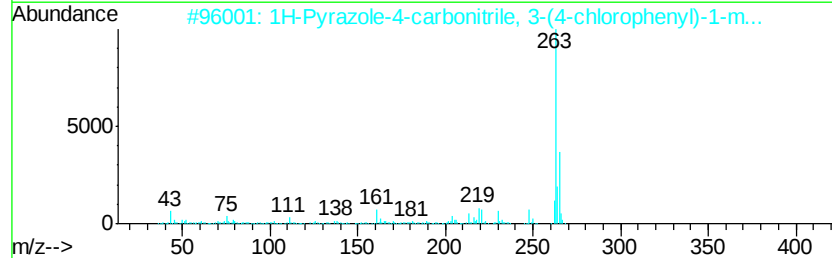
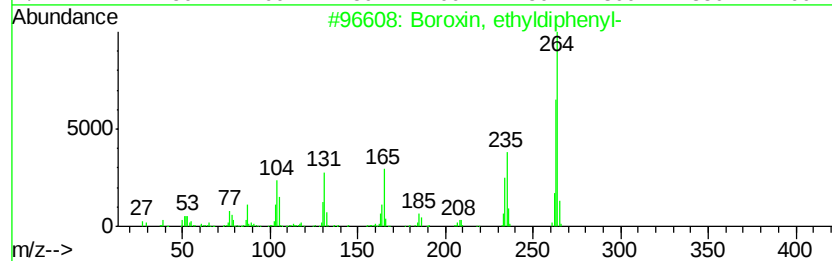
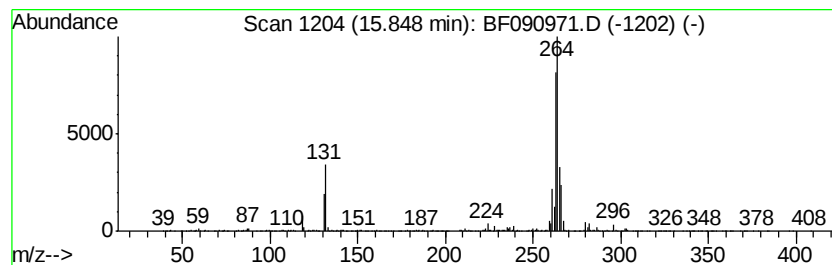
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Boroxin, ethyldiphenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	10.22 ng	1705200	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	53
2		1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35
3		Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	23
4		Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	22
5		Sericic acid	504	C30H48O6	055306-03-1	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
 Data File : BF090971.D
 Acq On : 2 Nov 2016 00:33
 Operator : UM/SJ
 Sample : H5493-25
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.51	6.51	26.2	ng	4749220	1	6.74	3622210	20.0
Naphthalene, 2,3-...	9.45	24.5	ng	3122890	3	9.78	2546890	20.0
Naphthalene, 1,4-...	9.56	15.0	ng	1906280	3	9.78	2546890	20.0
Naphthalene, 2,3,...	10.10	17.9	ng	2272840	3	9.78	2546890	20.0
Naphthalene, 1,6,...	10.12	11.3	ng	1438320	3	9.78	2546890	20.0
Hexadecane	10.22	18.9	ng	2410970	3	9.78	2546890	20.0
1-Isopropenyl naph...	10.40	16.2	ng	2064440	3	9.78	2546890	20.0
unknown10.44	10.44	22.8	ng	2904880	3	9.78	2546890	20.0
Dibenzofuran, 4-m...	10.49	21.9	ng	2791250	3	9.78	2546890	20.0
4H-Cyclopenta[def...	11.89	14.7	ng	9883370	4	11.27	13490500	20.0
Fluoranthene, 2-m...	13.05	11.9	ng	7036650	5	13.93	11847300	20.0
Benzo[e]pyrene	15.04	16.8	ng	2795770	6	15.33	3335890	20.0
11H-Indeno[2,1-a]...	15.52	18.6	ng	3105860	6	15.33	3335890	20.0
Boroxin, ethyldip...	15.85	10.2	ng	1705200	6	15.33	3335890	20.0