

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084696.D
 Acq On : 30 Jan 2016 21:16
 Operator : SJ/IZ
 Sample : H1295-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW006

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-BF012916.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	4.178	181	183	188	rBV	170101	258211	6.93%	0.510%
2	4.887	241	245	247	rBV	2340235	3181763	85.33%	6.279%
3	5.321	281	283	286	rBV	3409919	3350559	89.86%	6.612%
4	5.721	316	318	321	rBV	209580	196820	5.28%	0.388%
5	6.373	372	375	378	rBV	3300906	3174107	85.13%	6.264%
6	6.499	383	386	388	rBV	3349880	3728596	100.00%	7.358%
7	6.727	404	406	408	rBV	1085296	1053619	28.26%	2.079%
8	6.876	417	419	422	rVB	2220630	2504255	67.16%	4.942%
9	7.287	453	455	458	rBV	1738430	2134271	57.24%	4.212%
10	7.402	461	465	472	rVB	22879	41334	1.11%	0.082%
11	8.007	516	518	522	rBV	1444363	1398141	37.50%	2.759%
12	8.727	578	581	582	rBV	41014	45917	1.23%	0.091%
13	8.819	587	589	591	rVB	49645	41788	1.12%	0.082%
14	9.093	610	613	615	rBV	3106958	3236682	86.81%	6.387%
15	9.185	615	621	623	rBV2	29288	55830	1.50%	0.110%
16	9.345	632	635	638	rBV2	25820	44485	1.19%	0.088%
17	9.425	639	642	643	rVV	58490	63136	1.69%	0.125%
18	9.482	645	647	649	rVV	372570	463514	12.43%	0.915%
19	9.539	649	652	655	rVV2	30807	57615	1.55%	0.114%
20	9.619	657	659	661	rVV	40294	44275	1.19%	0.087%
21	9.710	665	667	669	rBV	56817	79324	2.13%	0.157%
22	9.756	669	671	673	rVV	956103	1203618	32.28%	2.375%
23	9.790	673	674	676	rVB	184465	152016	4.08%	0.300%
24	9.916	683	685	687	rBV2	26170	42377	1.14%	0.084%
25	9.962	687	689	691	rVB	138913	129668	3.48%	0.256%
26	10.168	705	707	708	rBV	30144	39529	1.06%	0.078%
27	10.202	708	710	712	rVB	107706	99175	2.66%	0.196%
28	10.305	717	719	721	rVB	174214	134353	3.60%	0.265%
29	10.373	722	725	728	rBV3	32268	80679	2.16%	0.159%
30	10.419	728	729	732	rVV2	36883	45993	1.23%	0.091%
31	10.465	732	733	735	rVB	62767	60675	1.63%	0.120%
32	10.545	738	740	743	rBV	1899395	1882488	50.49%	3.715%
33	10.670	750	751	755	rBV	100410	152540	4.09%	0.301%
34	10.853	764	767	773	rBV5	37199	95656	2.57%	0.189%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.979	775	778	779	rBV2	26310	40644	1.09%	0.080%
36	11.048	782	784	786	rVB	94465	84445	2.26%	0.167%
37	11.139	786	792	798	rBV3	83393	245338	6.58%	0.484%
38	11.242	798	801	802	rBV	1192350	1190115	31.92%	2.349%
39	11.265	802	803	805	rVV	1547681	1124080	30.15%	2.218%
40	11.311	805	807	809	rVB	247122	272724	7.31%	0.538%
41	11.471	819	821	825	rBV	96304	116393	3.12%	0.230%
42	11.539	825	827	829	rBV2	30939	48724	1.31%	0.096%
43	11.653	834	837	839	rVB3	31268	53019	1.42%	0.105%
44	11.745	842	845	846	rBV	172642	195971	5.26%	0.387%
45	11.768	846	847	850	rVV	253595	226755	6.08%	0.447%
46	11.813	850	851	853	rVV	176265	144864	3.89%	0.286%
47	11.848	853	854	859	rVB	252588	384154	10.30%	0.758%
48	11.951	859	863	866	rBV4	38421	129702	3.48%	0.256%
49	12.042	868	871	872	rBV	83260	132659	3.56%	0.262%
50	12.111	876	877	880	rBV2	26817	43522	1.17%	0.086%
51	12.191	880	884	885	rBV2	43129	77609	2.08%	0.153%
52	12.293	890	893	894	rBV	112756	131786	3.53%	0.260%
53	12.328	894	896	899	rVB2	50668	72693	1.95%	0.143%
54	12.373	899	900	902	rVB	99341	92966	2.49%	0.183%
55	12.453	904	907	909	rBV	1145051	1258807	33.76%	2.484%
56	12.511	909	912	914	rBV3	33347	62153	1.67%	0.123%
57	12.591	916	919	922	rBV3	44146	111684	3.00%	0.220%
58	12.671	923	926	928	rBV2	834429	1259228	33.77%	2.485%
59	12.728	928	931	933	rVB2	57505	113789	3.05%	0.225%
60	12.796	935	937	938	rBV	73881	83740	2.25%	0.165%
61	12.831	938	940	942	rVB	2023452	2163886	58.03%	4.270%
62	12.888	942	945	947	rBV	432515	499686	13.40%	0.986%
63	13.002	952	955	957	rVB	148042	221286	5.93%	0.437%
64	13.071	959	961	962	rBV	99277	81190	2.18%	0.160%
65	13.105	962	964	968	rBV2	141667	173573	4.66%	0.343%
66	13.196	971	972	974	rBV	79196	73045	1.96%	0.144%
67	13.231	974	975	977	rBV	80862	64301	1.72%	0.127%
68	13.311	980	982	985	rVB2	74083	103646	2.78%	0.205%
69	13.368	985	987	988	rBV	49337	56177	1.51%	0.111%
70	13.505	997	999	1004	rVB	89531	145381	3.90%	0.287%
71	13.619	1007	1009	1010	rBV	139368	155238	4.16%	0.306%

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72	13.654	1010	1012	1013	rBV	50109	62859	1.69%	0.124%
73	13.745	1016	1020	1026	rVB3	180508	364883	9.79%	0.720%
74	13.871	1028	1031	1032	rBV2	1436004	1762169	47.26%	3.477%
75	13.974	1038	1040	1042	rBV2	91154	105865	2.84%	0.209%
76	14.259	1063	1065	1066	rBV	123349	123369	3.31%	0.243%
77	14.294	1066	1068	1069	rVB	56106	48996	1.31%	0.097%
78	14.385	1074	1076	1079	rVB4	118981	224923	6.03%	0.444%
79	14.728	1103	1106	1108	rBV3	156980	253775	6.81%	0.501%
80	14.877	1116	1119	1123	rBV	591085	1068182	28.65%	2.108%
81	15.151	1140	1143	1145	rBV2	265517	440578	11.82%	0.869%
82	15.208	1145	1148	1151	rVV	381685	695333	18.65%	1.372%
83	15.265	1151	1153	1161	rVB2	900265	1373543	36.84%	2.711%
84	15.391	1161	1164	1169	rVB2	170786	289182	7.76%	0.571%
85	15.722	1191	1193	1195	rBV2	71962	91848	2.46%	0.181%
86	15.882	1205	1207	1214	rVB	334277	810857	21.75%	1.600%
87	16.122	1226	1228	1231	rBV2	84294	171848	4.61%	0.339%
88	16.271	1238	1241	1248	rVB	486613	892975	23.95%	1.762%
89	16.568	1265	1267	1272	rVB2	191631	337007	9.04%	0.665%
90	16.785	1283	1286	1289	rBV2	156538	294680	7.90%	0.582%
91	16.854	1289	1292	1298	rVB2	108903	263326	7.06%	0.520%
92	16.968	1298	1302	1306	rBV	131881	290161	7.78%	0.573%

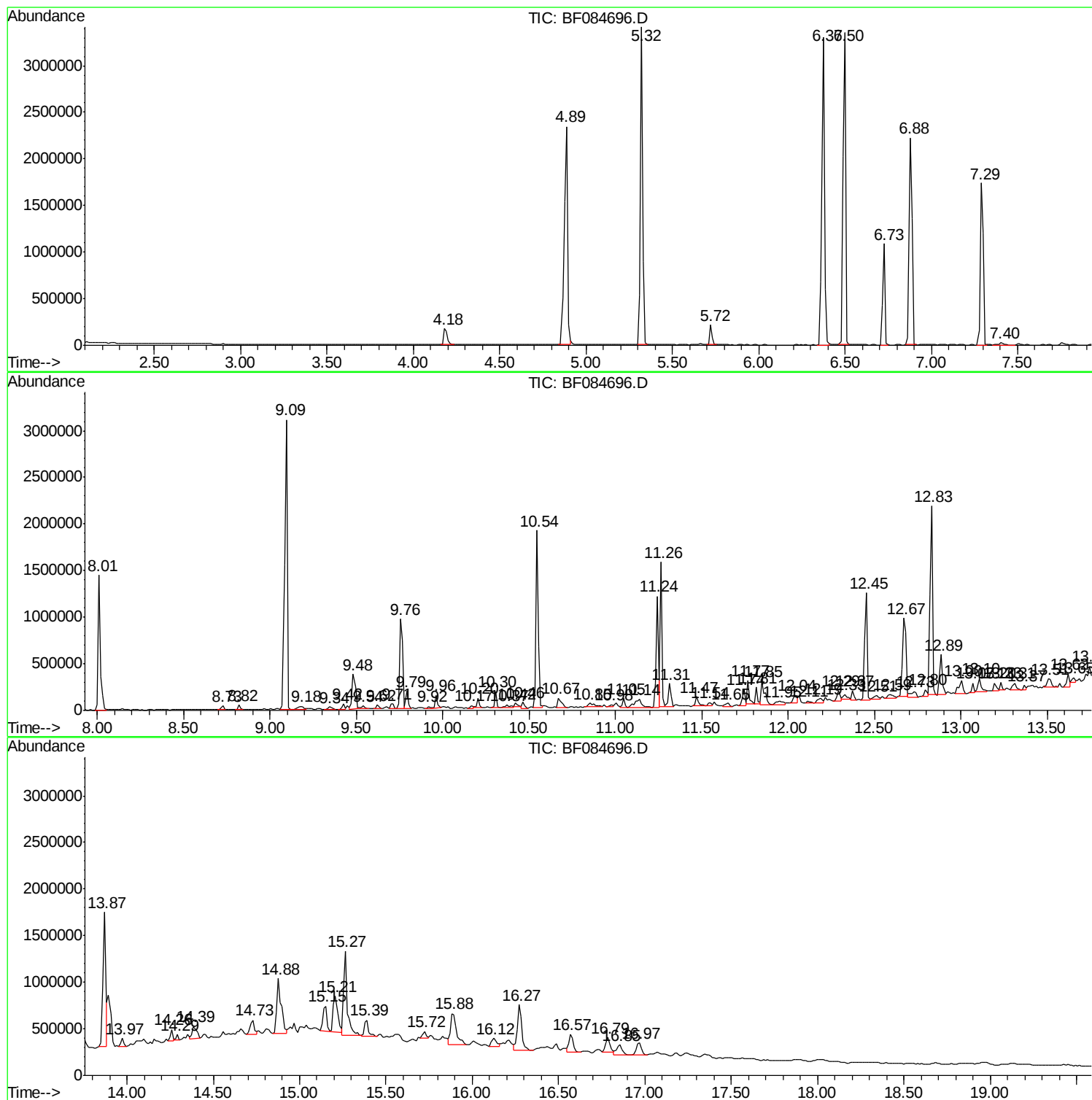
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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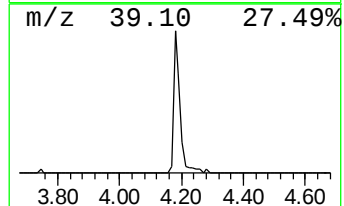
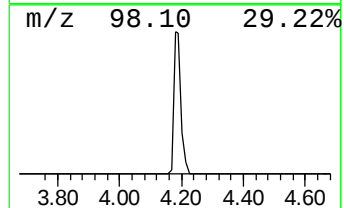
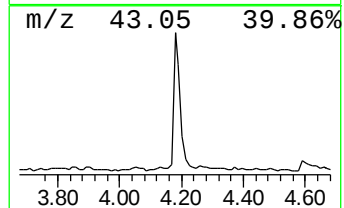
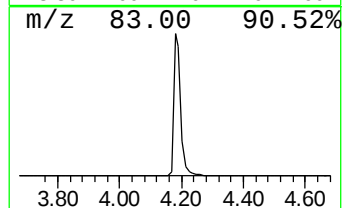
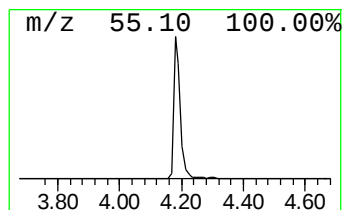
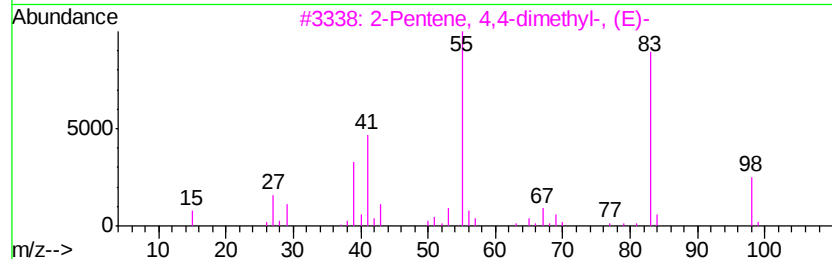
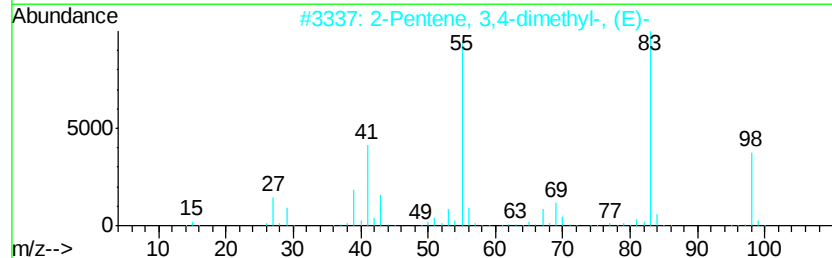
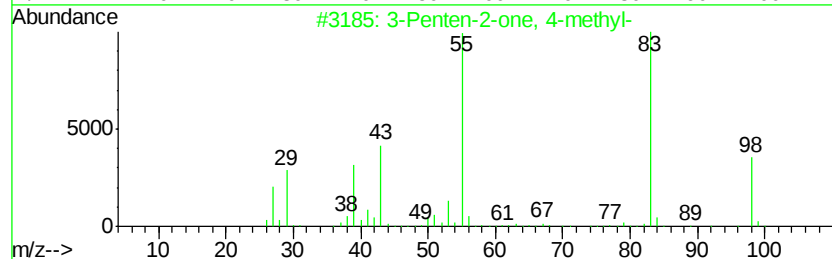
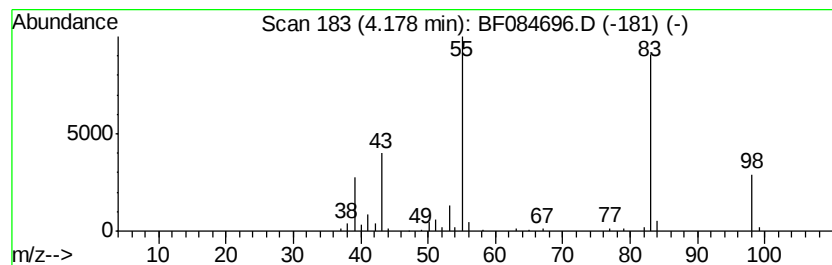
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	4.90 ng	258211	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
3		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
4		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86



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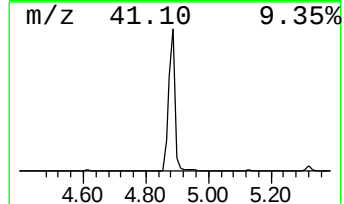
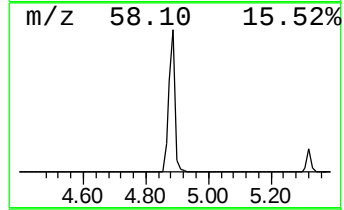
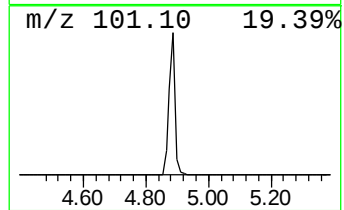
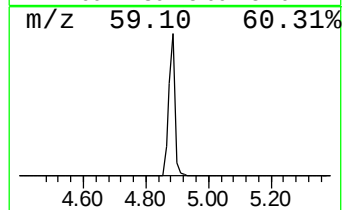
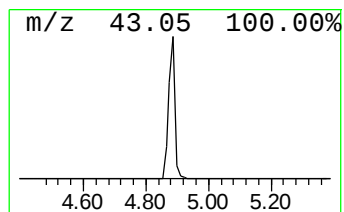
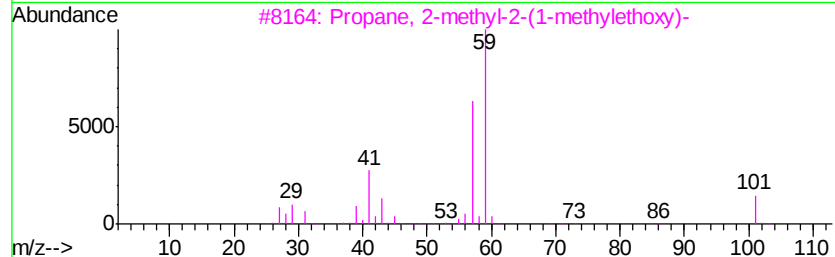
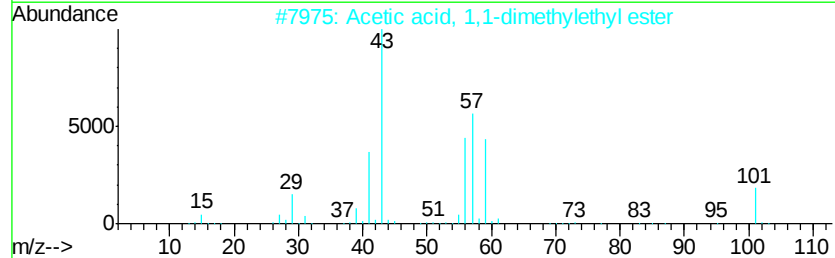
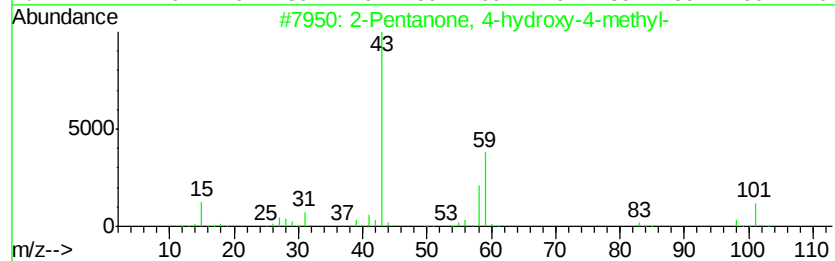
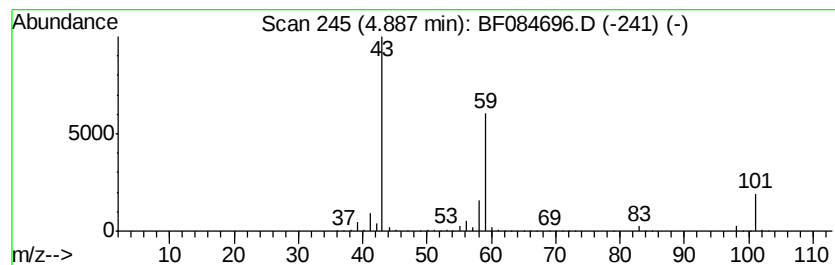
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	60.40 ng	3181760	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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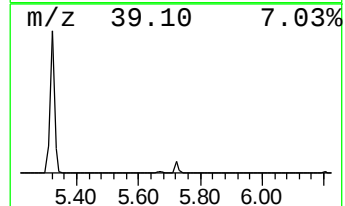
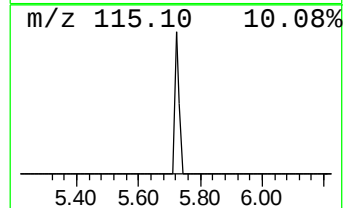
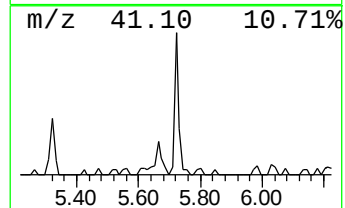
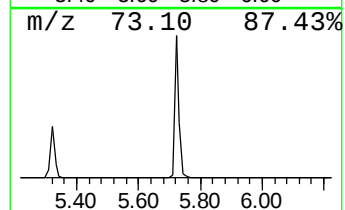
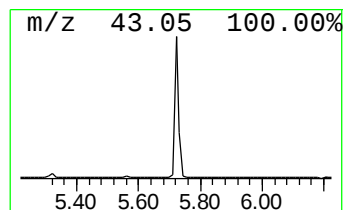
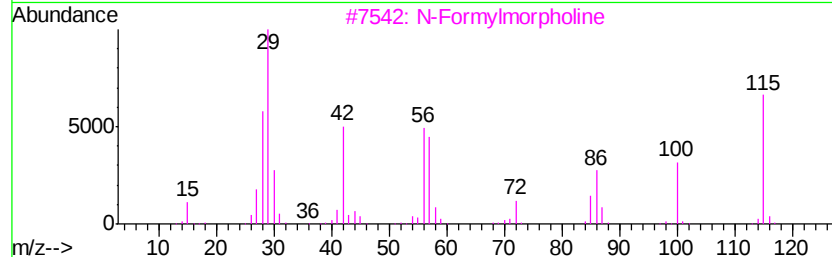
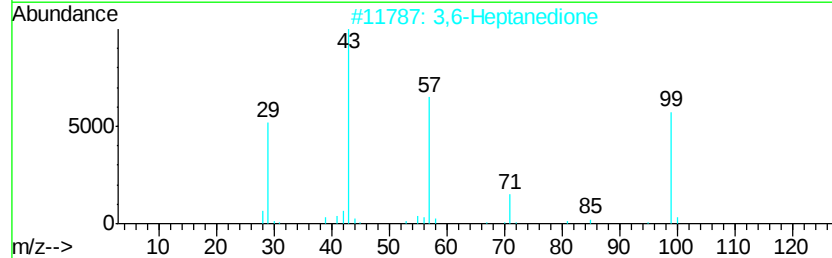
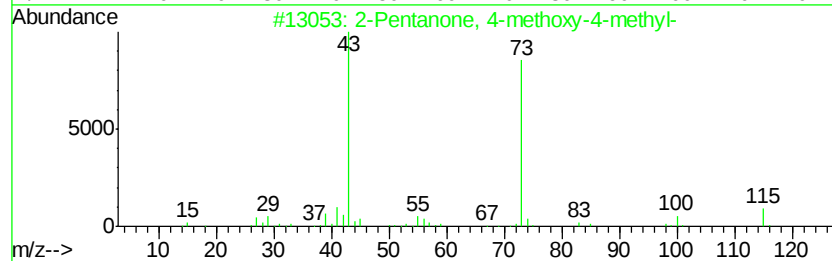
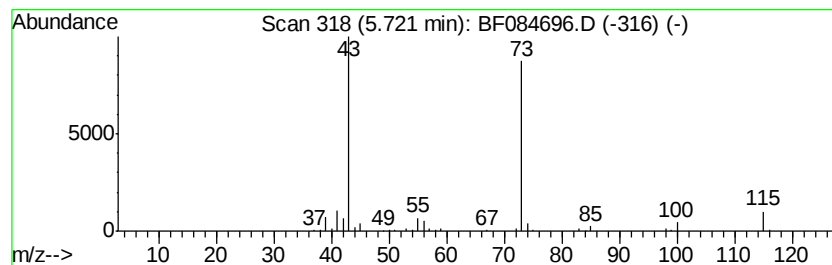
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	3.74 ng	196820	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2		3,6-Heptanedione	128	C7H12O2	001703-51-1	17
3		N-Formylmorpholine	115	C5H9NO2	004394-85-8	10
4		2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10



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SW006

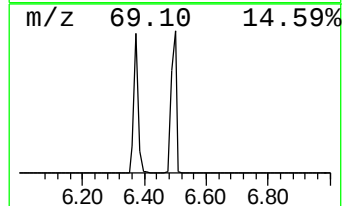
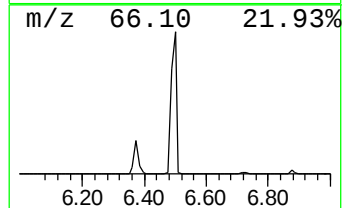
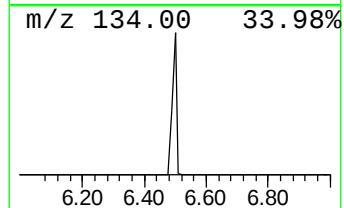
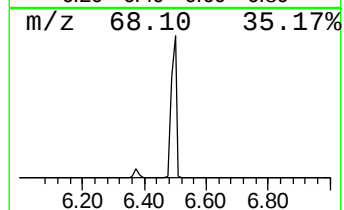
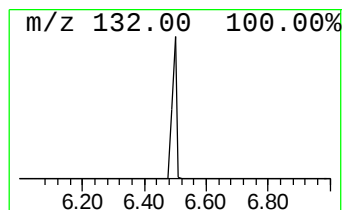
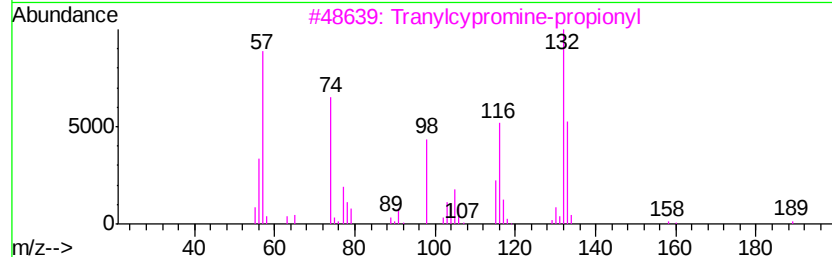
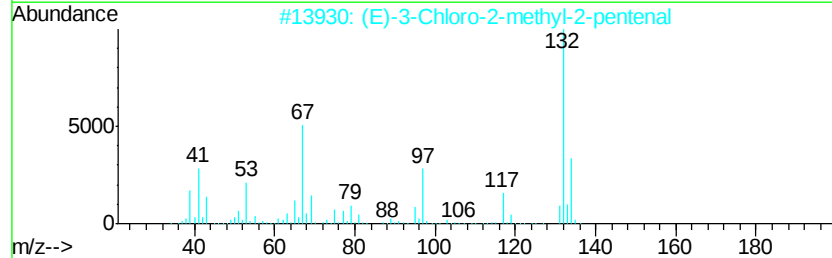
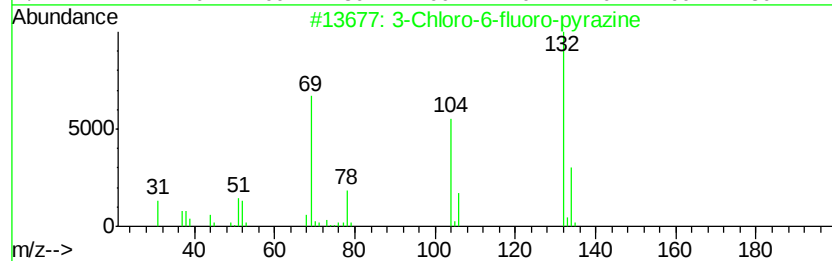
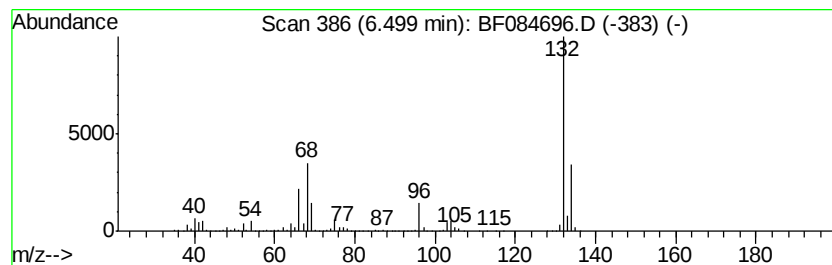
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	70.78 ng	3728600	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084696.D
Acq On : 30 Jan 2016 21:16
Operator : SJ/IZ
Sample : H1295-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

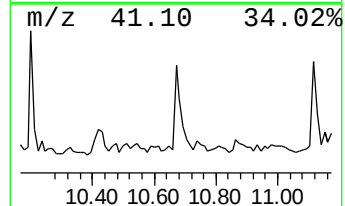
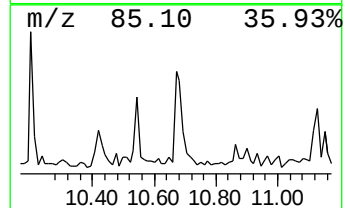
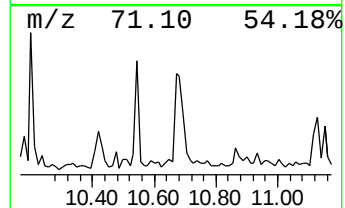
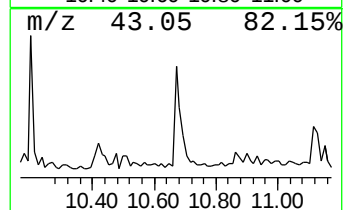
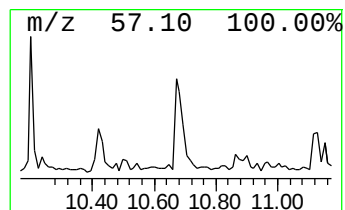
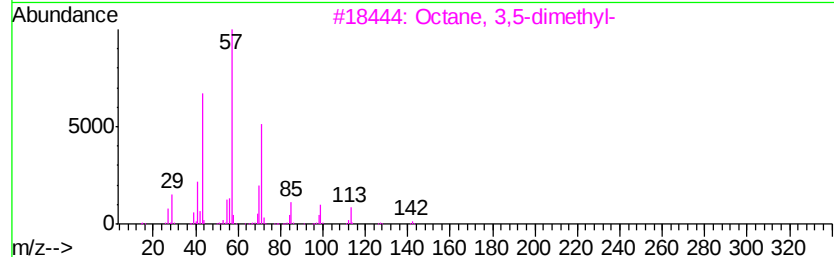
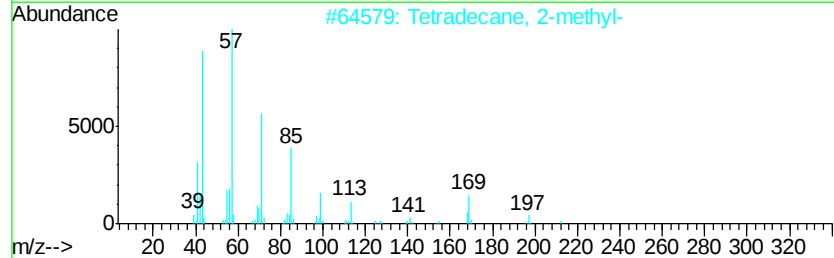
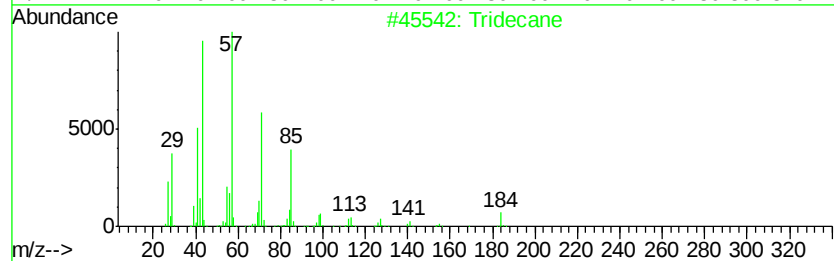
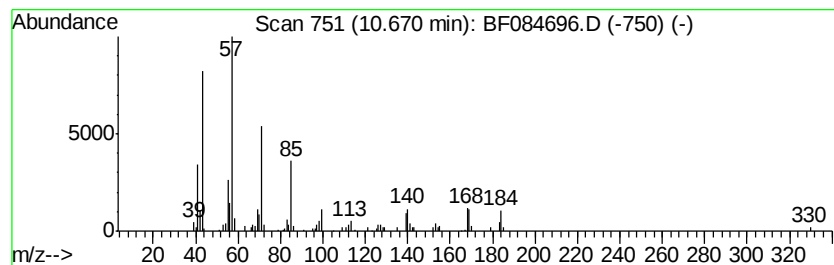
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.56 ng	152540	Phenanthrene-d10	11.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	83
2	Tetradecane, 2-methyl-	212 C15H32	001560-95-8	58
3	Octane, 3,5-dimethyl-	142 C10H22	015869-93-9	55
4	Tetradecane, 1-iodo-	324 C14H29I	019218-94-1	53
5	Pentadecane	212 C15H32	000629-62-9	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084696.D
Acq On : 30 Jan 2016 21:16
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Instrument :
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ClientSampleId :
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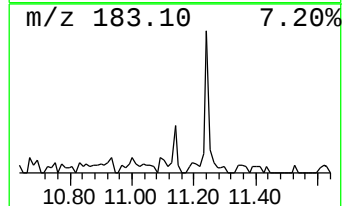
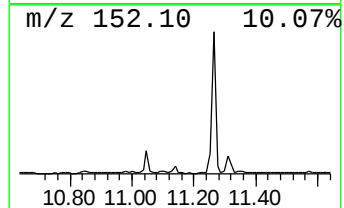
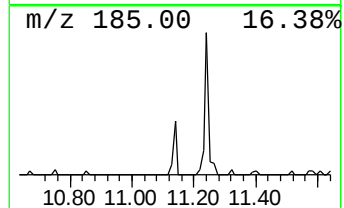
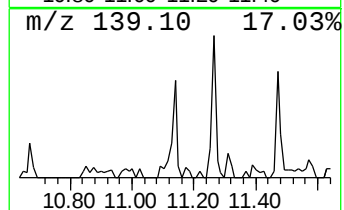
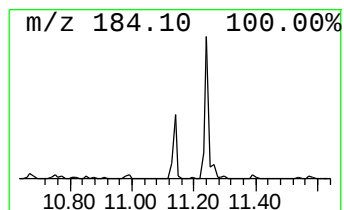
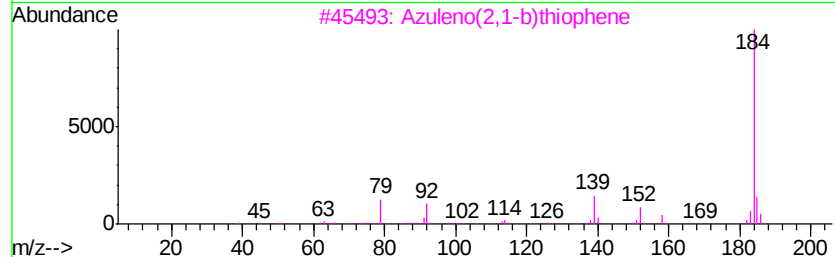
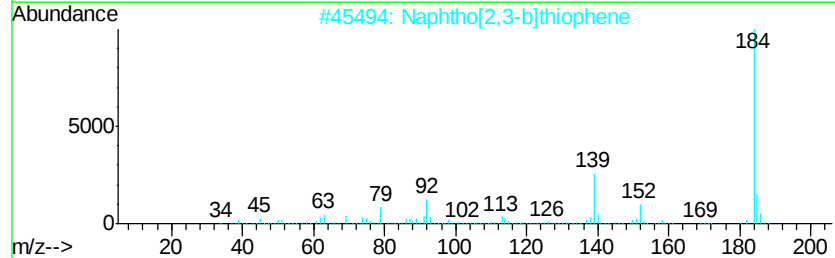
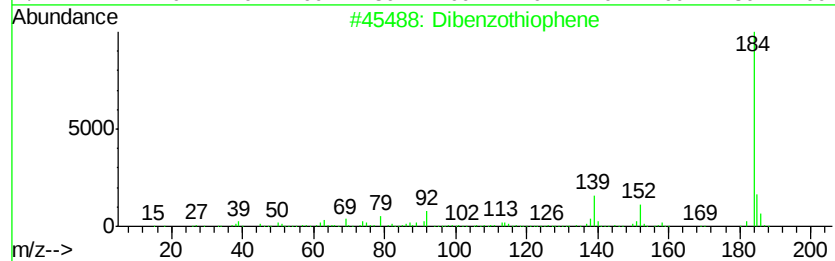
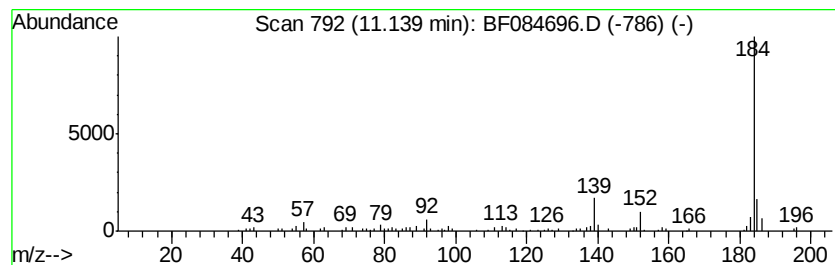
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	4.12 ng	245338	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72
5		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084696.D
Acq On : 30 Jan 2016 21:16
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Sample : H1295-01
Misc :
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Instrument :
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ClientSampleId :
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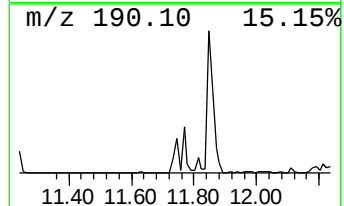
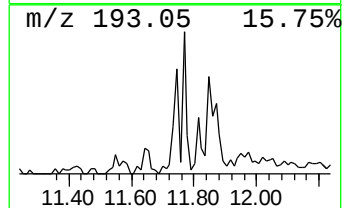
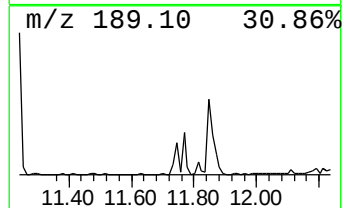
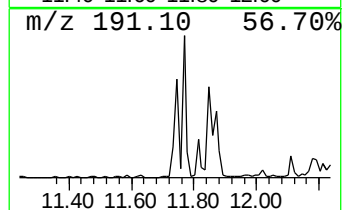
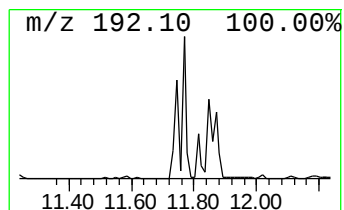
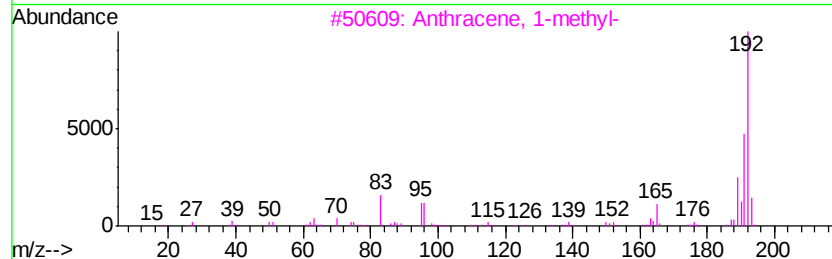
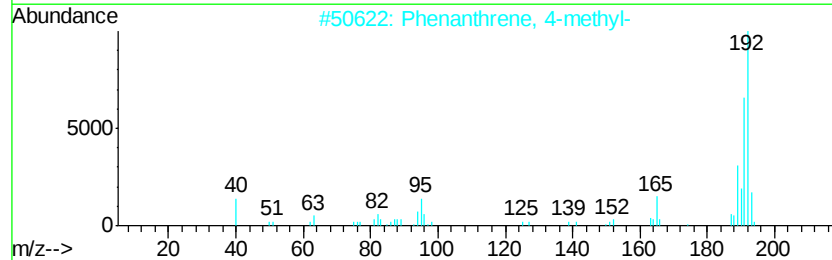
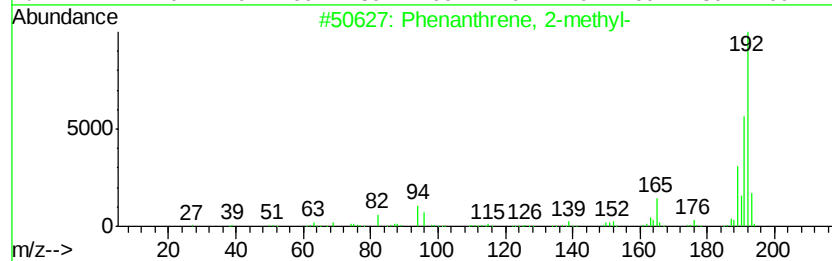
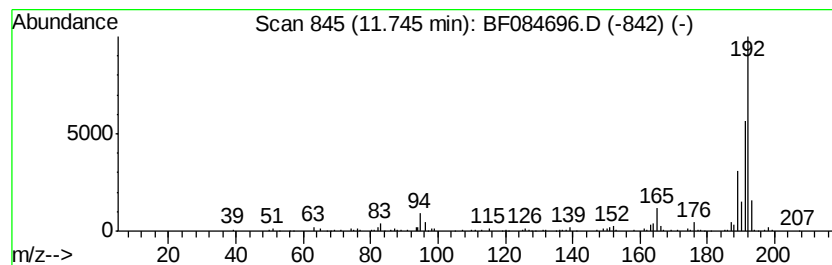
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	3.29 ng	195971	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
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Misc :
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ClientSampleId :
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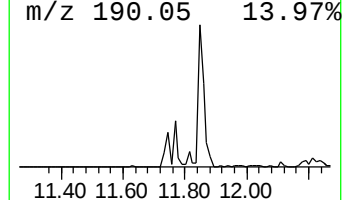
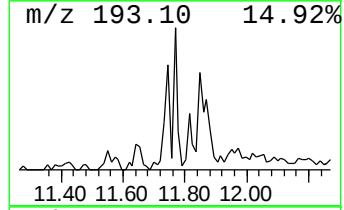
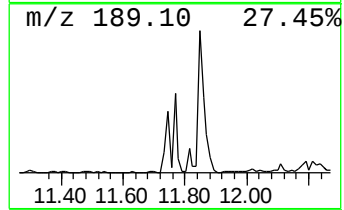
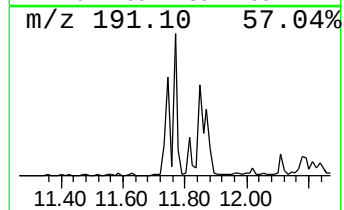
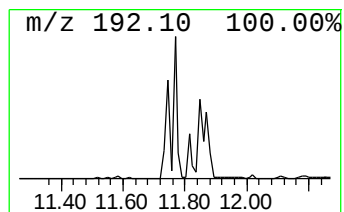
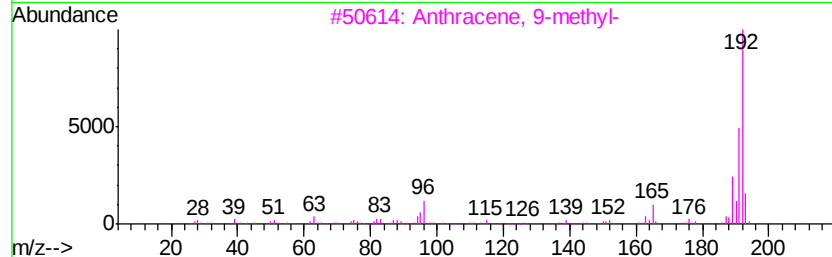
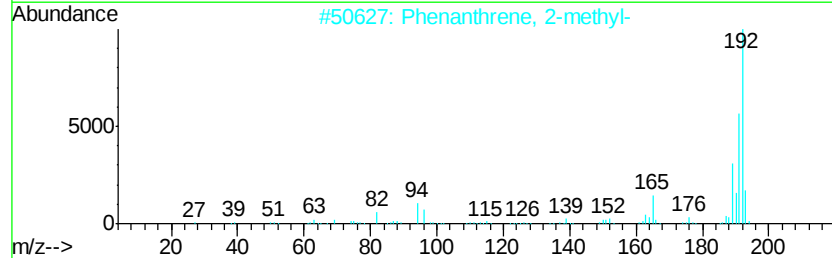
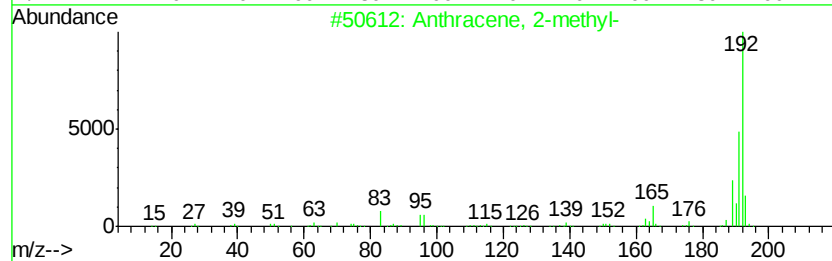
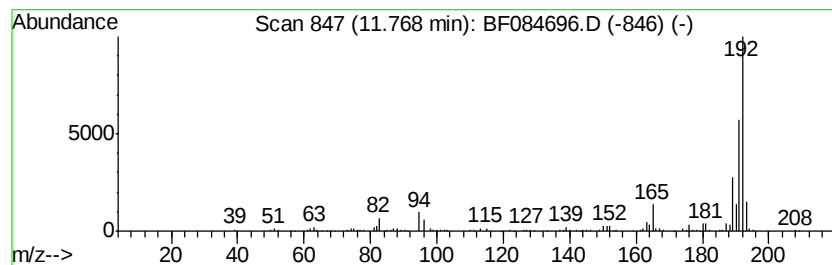
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.81 ng	226755	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
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Acq On : 30 Jan 2016 21:16
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Sample : H1295-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

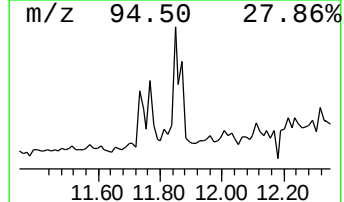
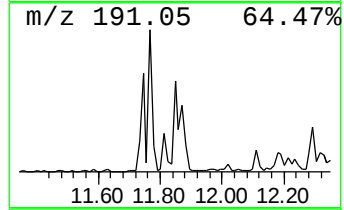
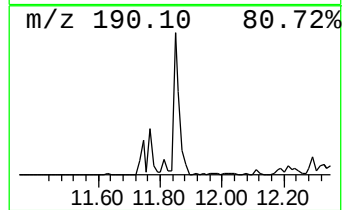
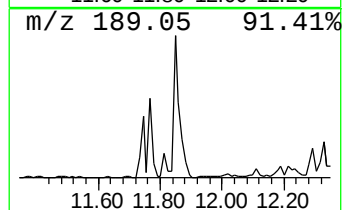
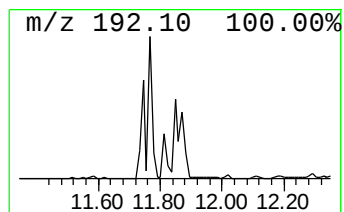
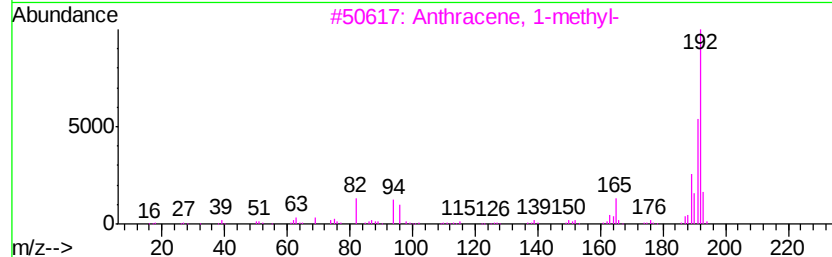
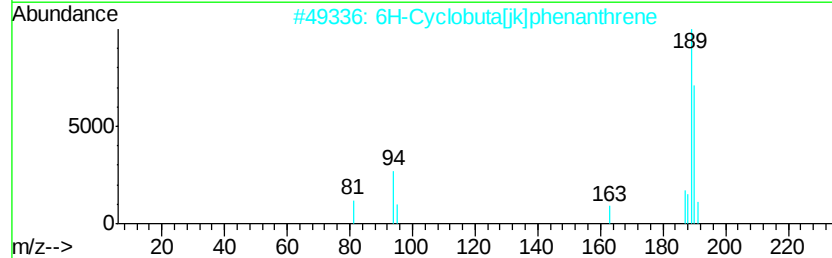
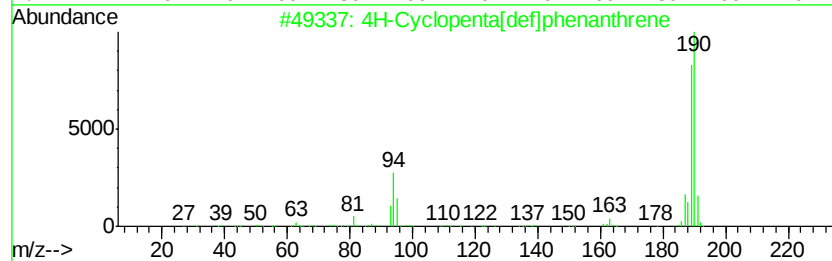
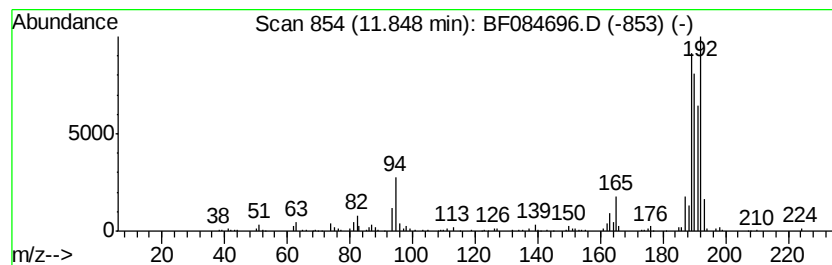
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	6.46 ng	384154	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[i]kphenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Naphtho[2,3-b]norborene	192	C15H12	107426-38-0	41
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41



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ClientSampleId :
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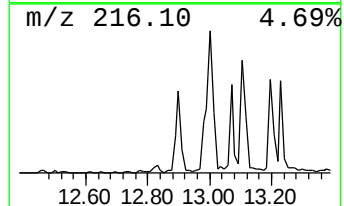
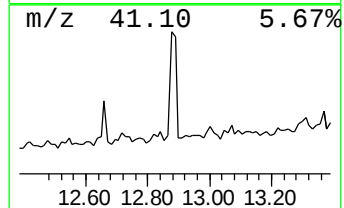
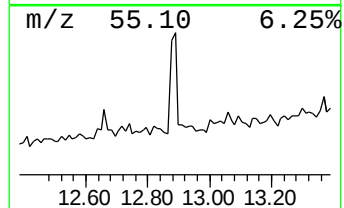
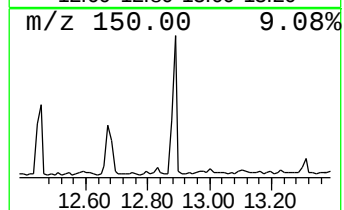
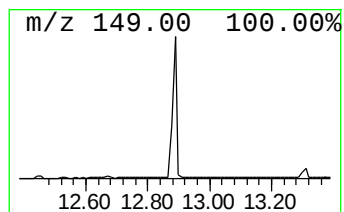
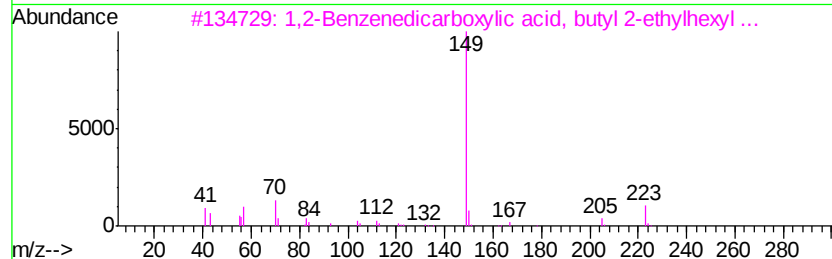
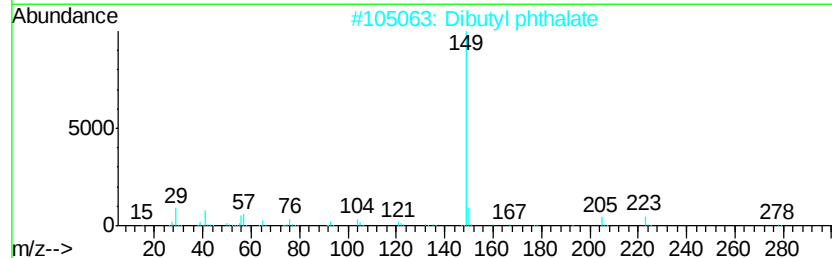
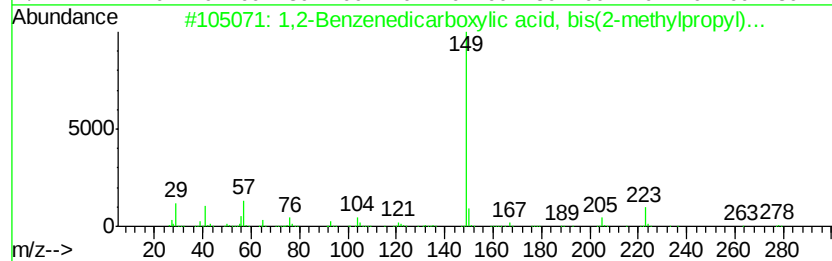
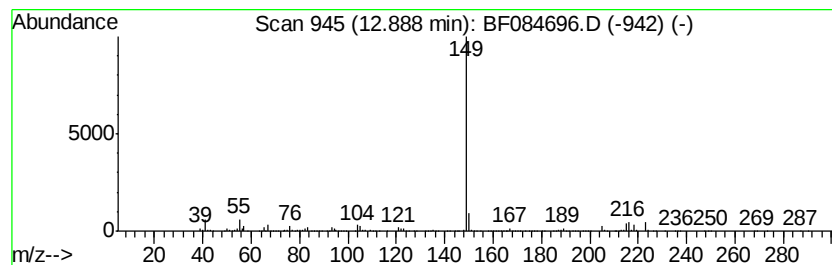
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,2-Benzenedicarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	5.67 ng	499686	Chrysene-d12	13.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	72
2			Dibutyl phthalate	278	C16H22O4	000084-74-2	64
3			1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	64
4			1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	56
5			1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
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Acq On : 30 Jan 2016 21:16
Operator : SJ/IZ
Sample : H1295-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

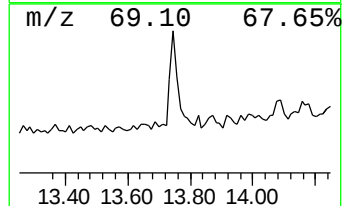
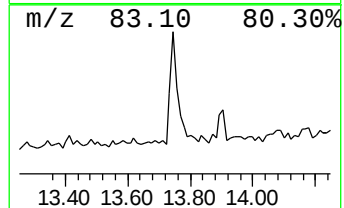
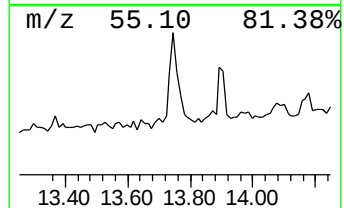
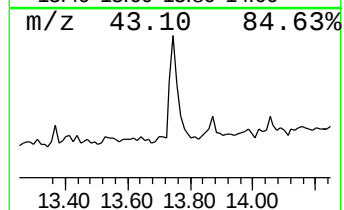
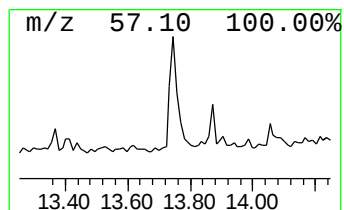
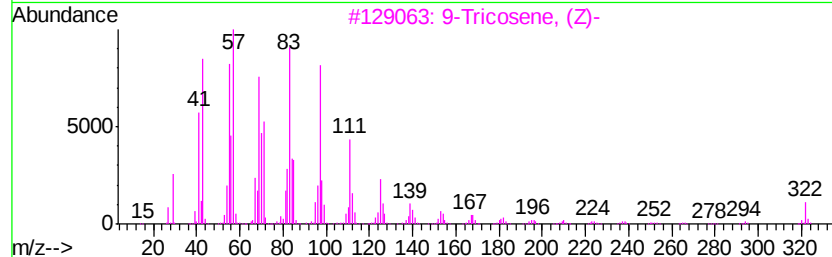
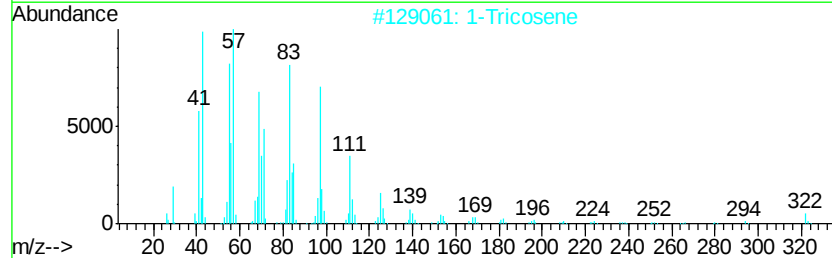
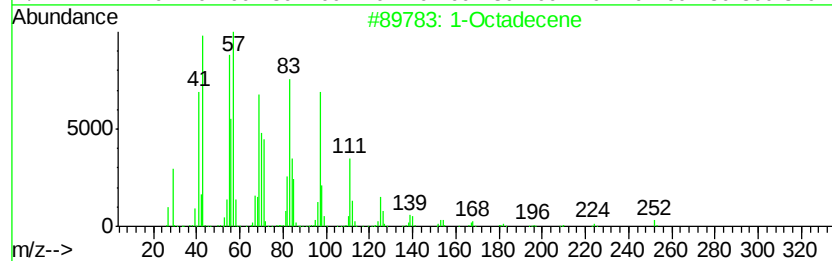
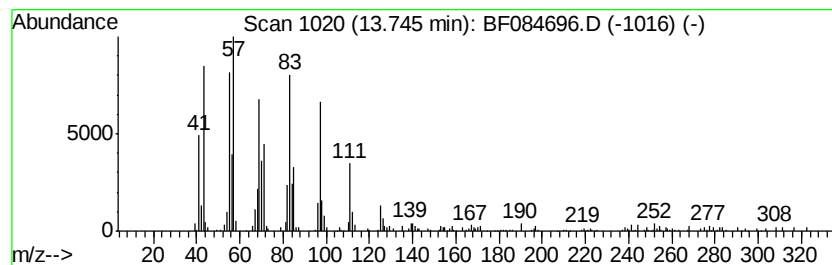
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Octadecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.75	4.14 ng	364883	Chrysene-d12		13.87
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	96
2	1-Tricosene	322	C23H46	018835-32-0	96
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	94
5	1-Docosene	308	C22H44	001599-67-3	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084696.D
Acq On : 30 Jan 2016 21:16
Operator : SJ/IZ
Sample : H1295-01
Misc :
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Instrument :
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ClientSampleId :
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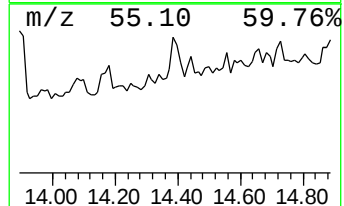
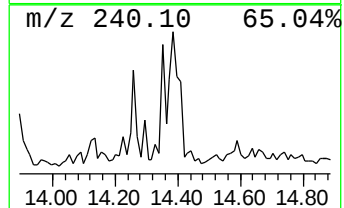
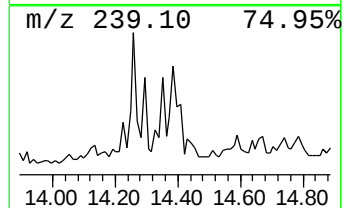
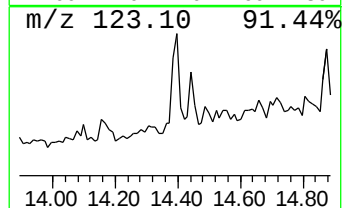
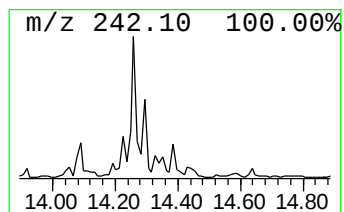
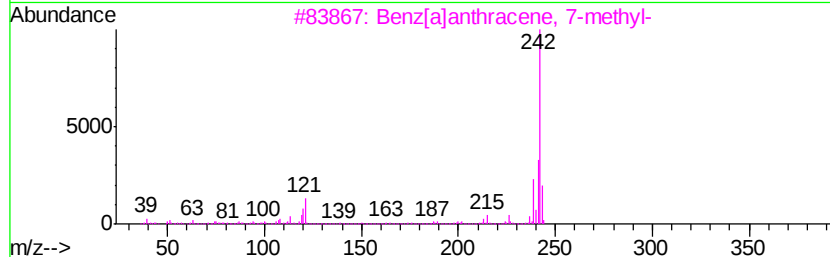
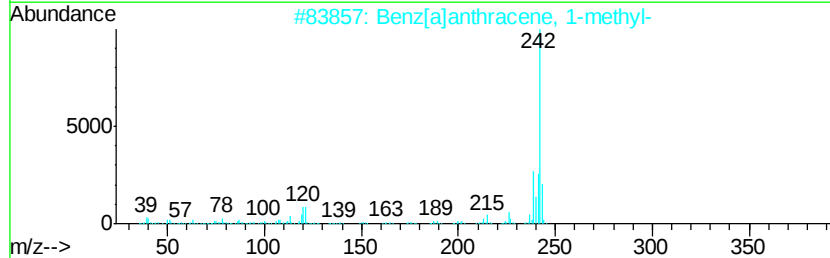
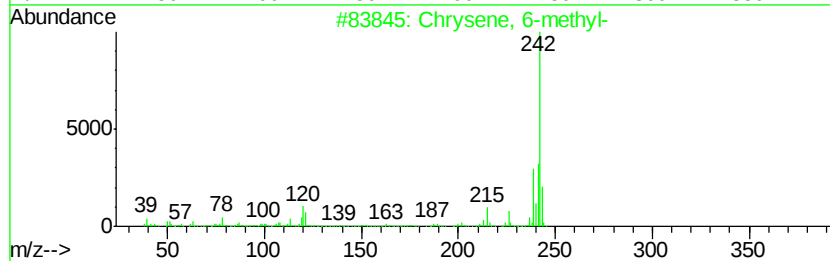
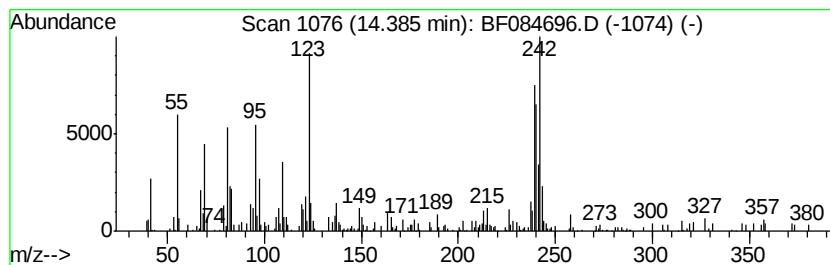
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.39 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	2.55 ng	224923	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysene, 6-methyl-	242	C19H14	003697-24-3	35
2		Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	35
3		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	35
4		Chrysene, 1-methyl-	242	C19H14	003351-28-8	30
5		Chrysene, 2-methyl-	242	C19H14	003351-32-4	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084696.D
Acq On : 30 Jan 2016 21:16
Operator : SJ/IZ
Sample : H1295-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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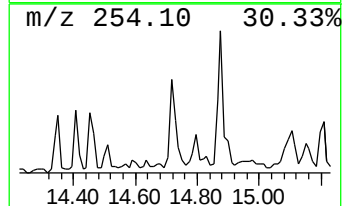
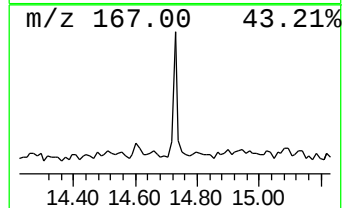
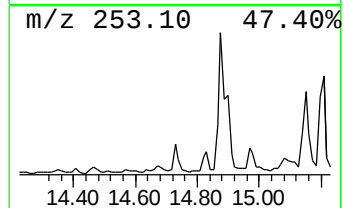
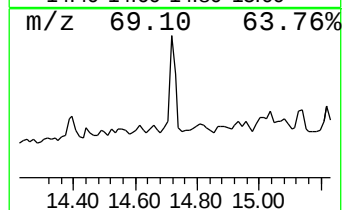
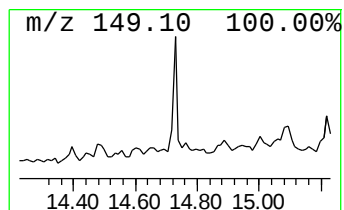
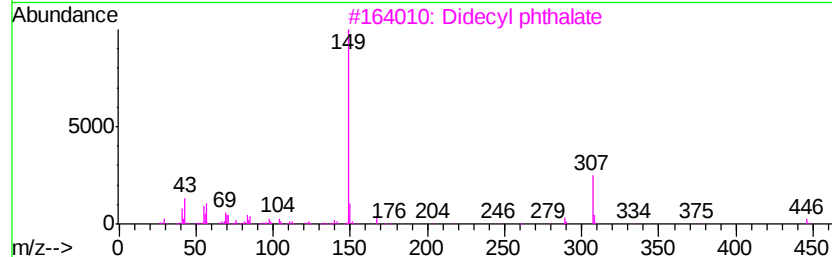
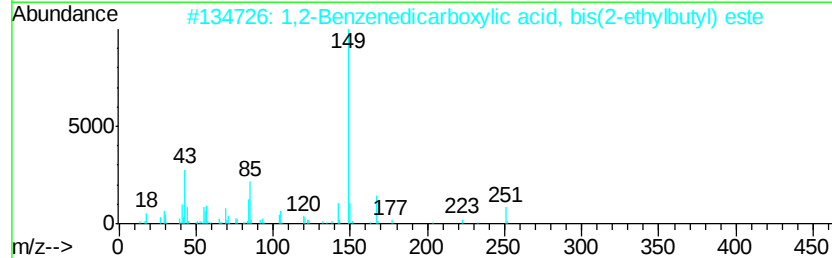
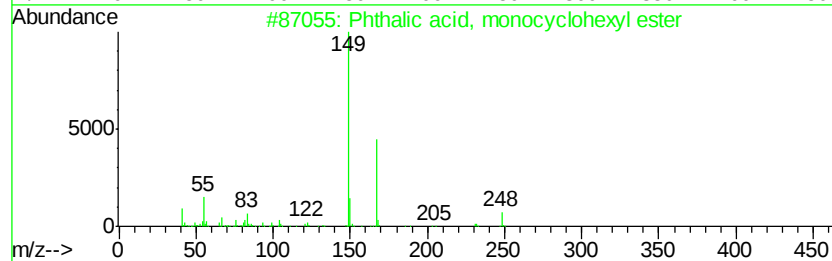
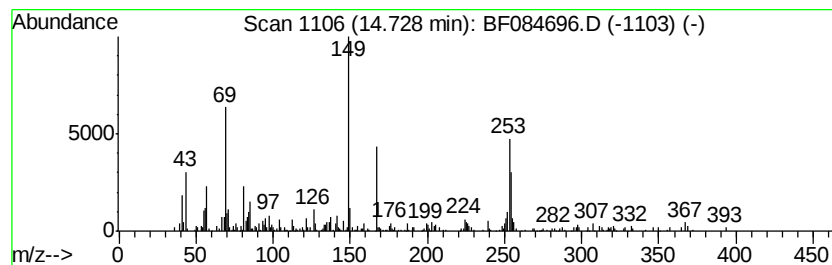
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown14.73 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.70 ng	253775	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, monocyclohexyl ester	248	C14H16O4	007517-36-4	41
2		1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	007299-89-0	35
3		Didecyl phthalate	446	C28H46O4	000084-77-5	27
4		1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	27
5		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084696.D
Acq On : 30 Jan 2016 21:16
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Sample : H1295-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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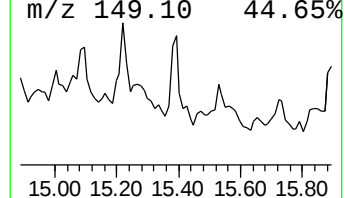
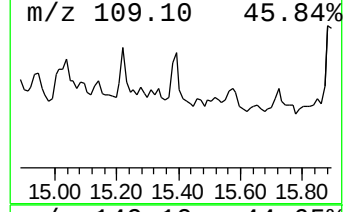
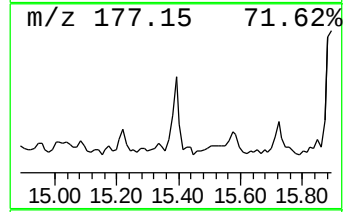
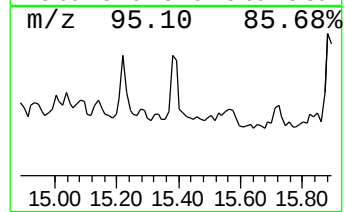
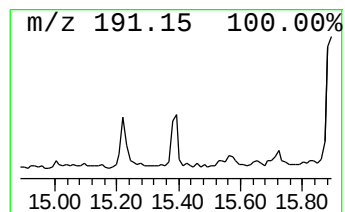
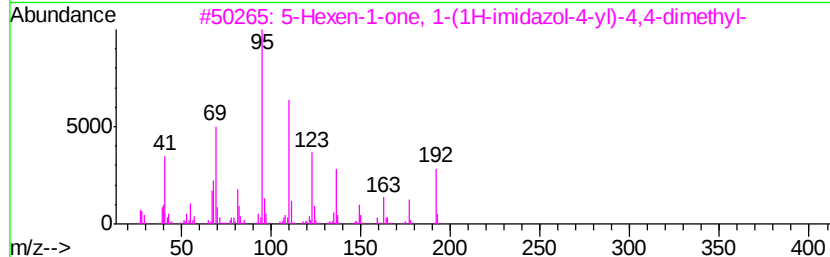
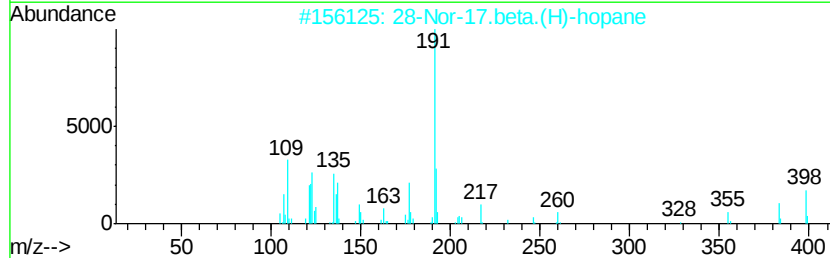
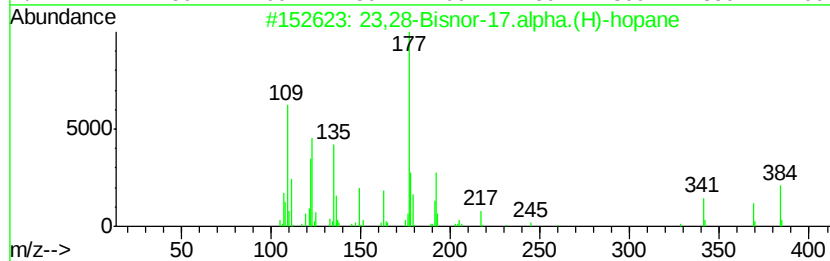
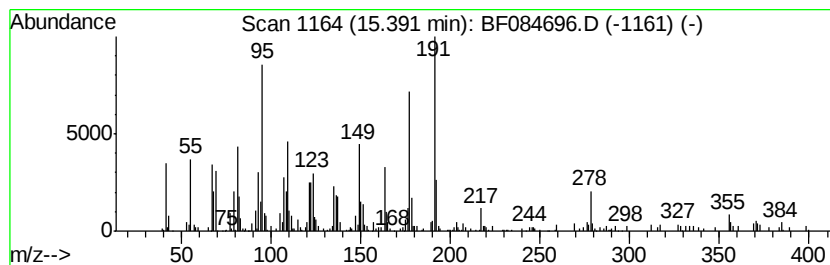
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 23,28-Bisnor-17.alpha.(H)-h... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	4.21 ng	289182	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	23,28-Bisnor-17.alpha.(H)-hopane	384	C28H48	1000101-35-1	50
2		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	41
3		5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	27
4		2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	035044-68-9	14
5		5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084696.D
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Misc :
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Instrument :
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ClientSampleId :
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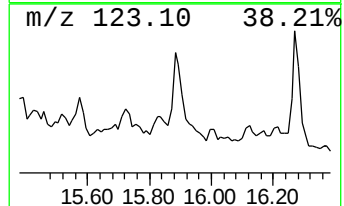
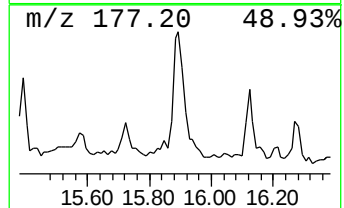
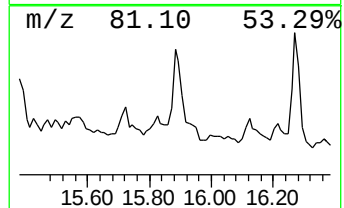
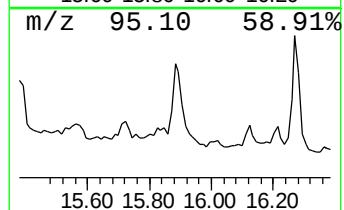
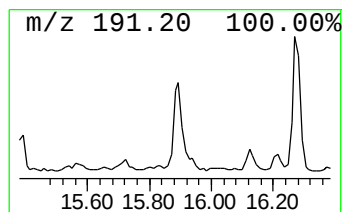
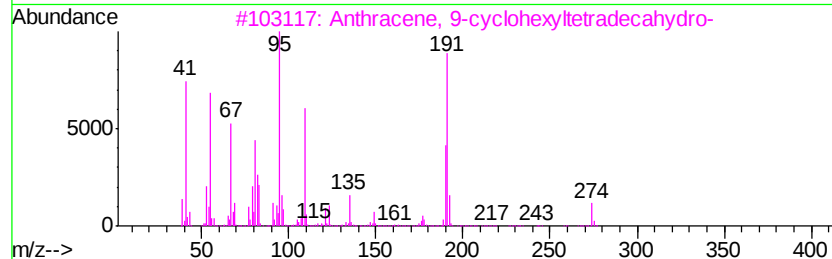
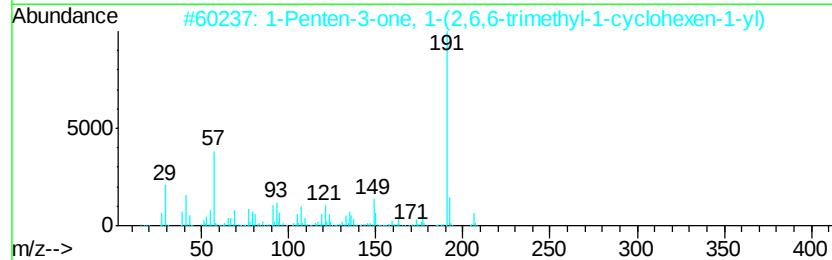
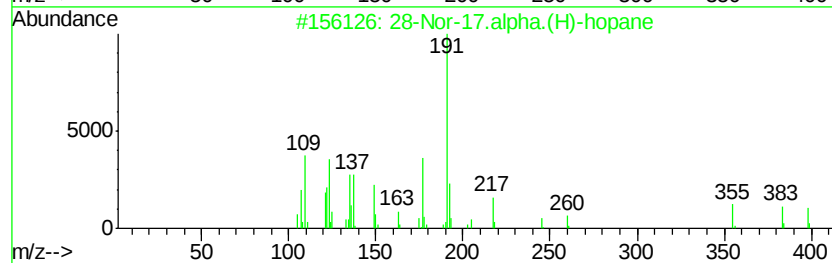
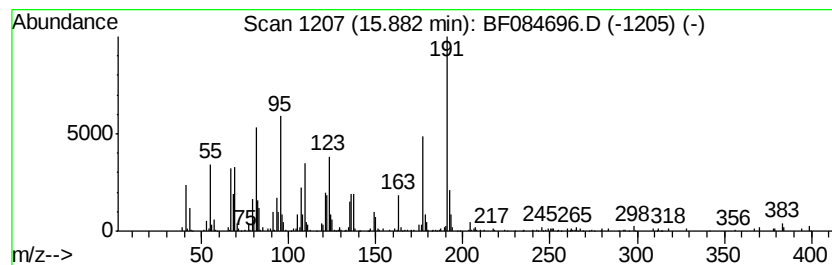
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 28-Nor-17.alpha.(H)-hopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	11.81 ng	810857	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	56
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	32
3		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	27
4		1,4-Benzenediol, 2-[(1,4,4a,5,6,...	314	C21H30O2	039707-55-6	25
5		5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
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Acq On : 30 Jan 2016 21:16
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Sample : H1295-01
Misc :
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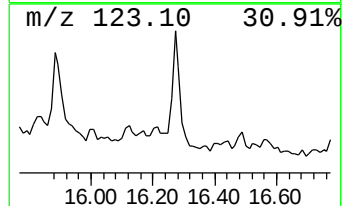
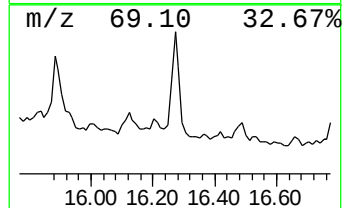
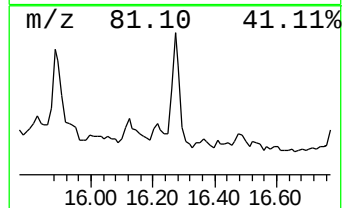
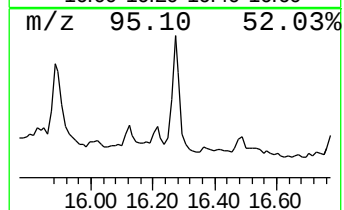
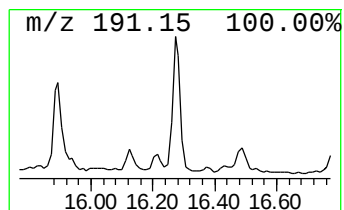
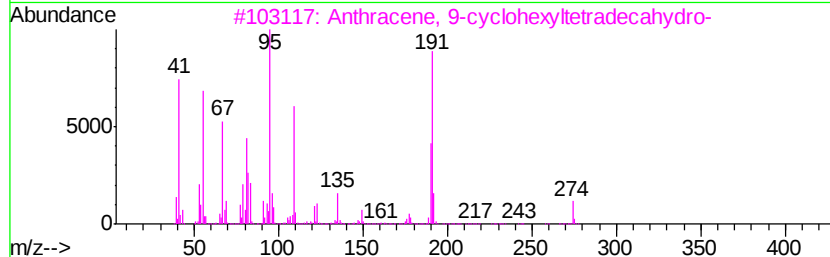
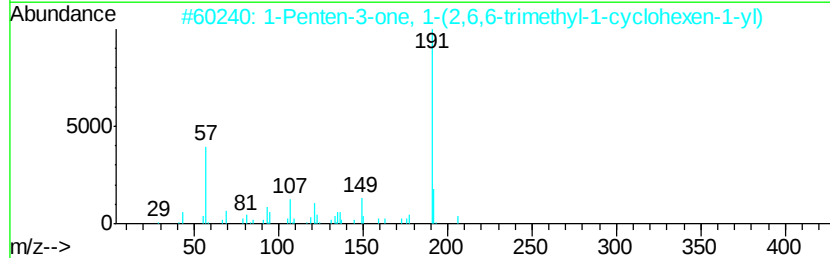
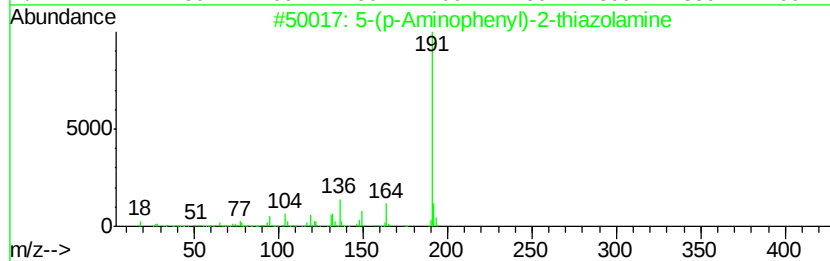
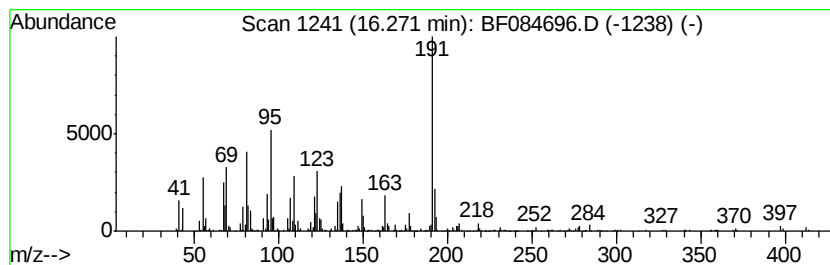
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown16.27 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	13.00 ng	892975	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35
3		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	32
4		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	32
5		5-(7a-Isopropenyl-4,5-dimethyl-o...	290	C20H34O	1000193-54-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084696.D
Acq On : 30 Jan 2016 21:16
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Sample : H1295-01
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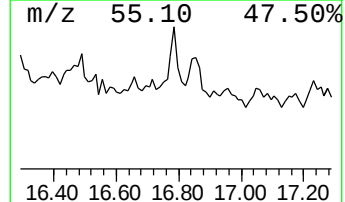
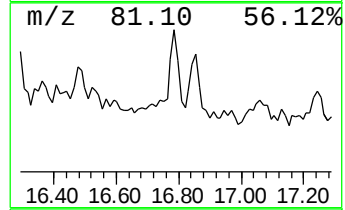
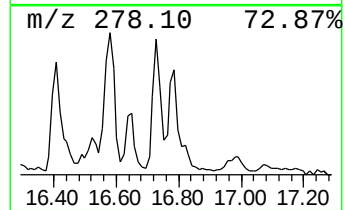
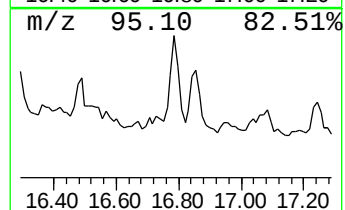
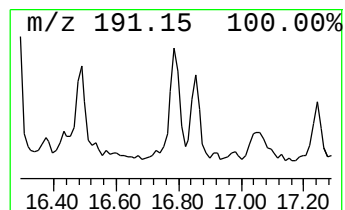
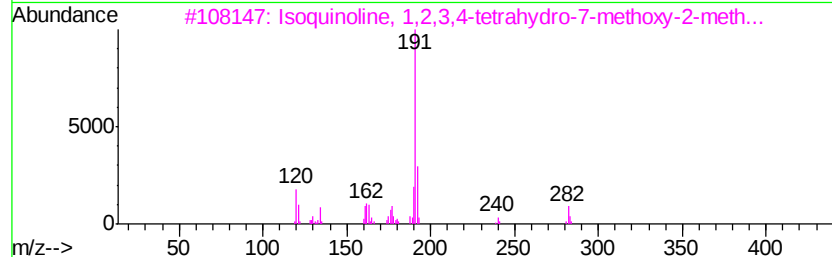
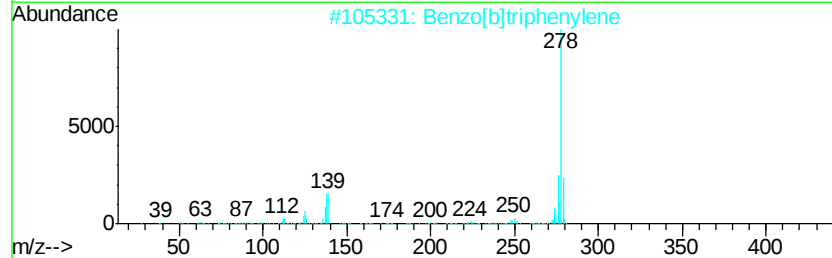
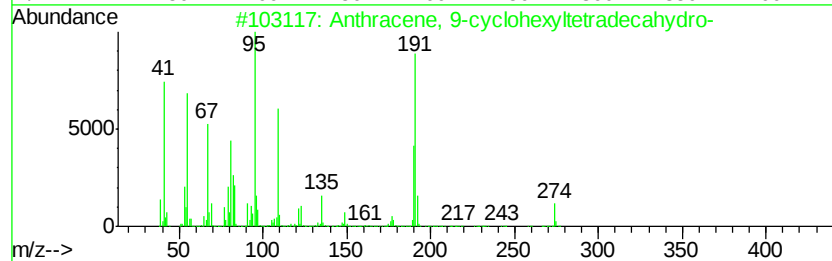
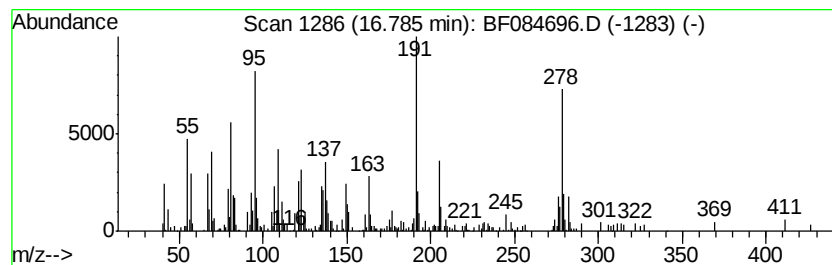
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.79 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	4.29 ng	294680	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	46
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	25
3		Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21N02	036646-87-4	22
4		1,1-Diphenyl-2-propynyl dimethyl...	279	C18H17N02	010473-88-8	22
5		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	15



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084696.D
Acq On : 30 Jan 2016 21:16
Operator : SJ/IZ
Sample : H1295-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW006

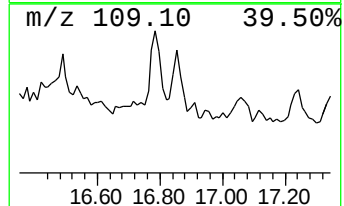
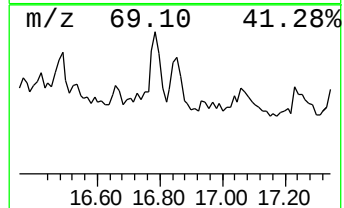
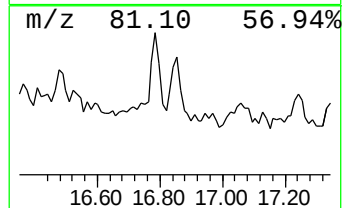
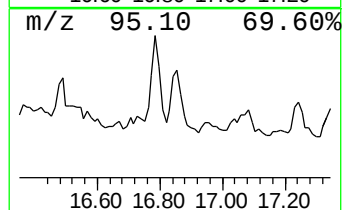
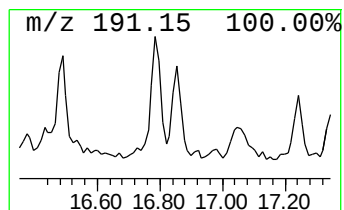
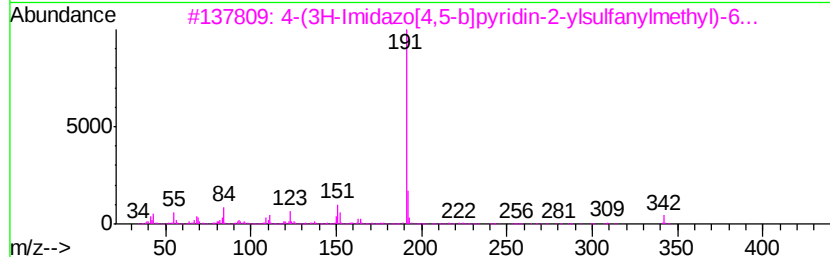
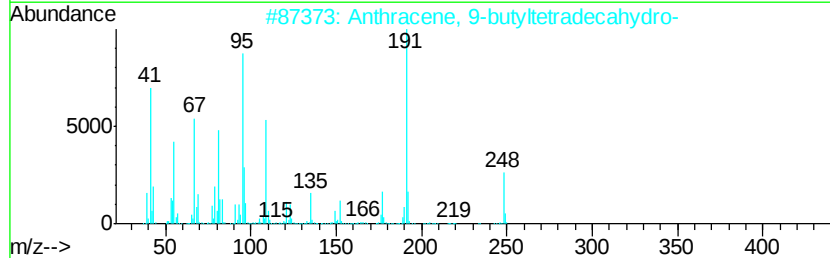
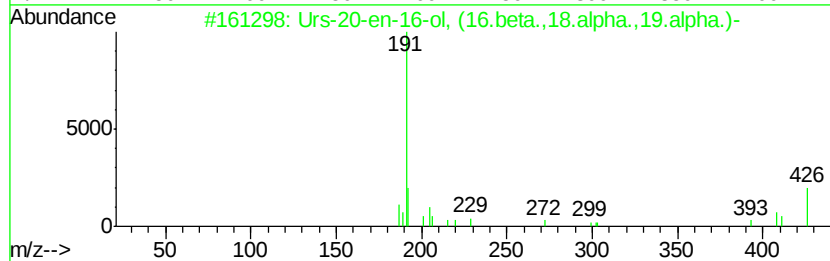
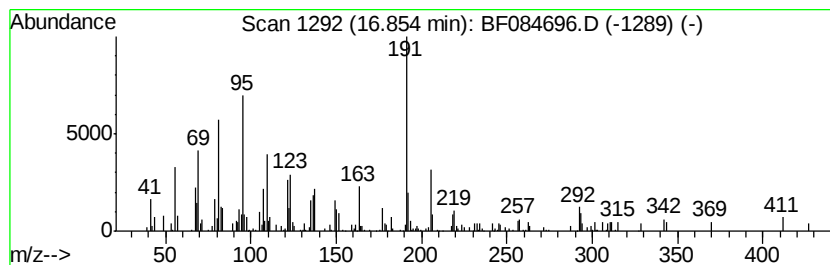
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.85 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	3.83 ng	263326	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Urs-20-en-16-ol, (16.beta.,18.alpha.)...	426	C30H50O	066394-74-9	42
2		Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	40
3		4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	38
4		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38
5		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084696.D
 Acq On : 30 Jan 2016 21:16
 Operator : SJ/IZ
 Sample : H1295-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW006

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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
3-Penten-2-one, 4...	4.18	4.9 ng		258211	1	6.73	1053620	20.0
2-Pentanone, 4-hy...	4.89	60.4 ng		3181760	1	6.73	1053620	20.0
2-Pentanone, 4-me...	5.72	3.7 ng		196820	1	6.73	1053620	20.0
unknown6.50	6.50	70.8 ng		3728600	1	6.73	1053620	20.0
Tridecane	10.67	2.6 ng		152540	4	11.24	1190120	20.0
Dibenzothiophene	11.14	4.1 ng		245338	4	11.24	1190120	20.0
Phenanthrene, 2-m...	11.74	3.3 ng		195971	4	11.24	1190120	20.0
Anthracene, 2-met...	11.77	3.8 ng		226755	4	11.24	1190120	20.0
4H-Cyclopenta[def...	11.85	6.5 ng		384154	4	11.24	1190120	20.0
1,2-Benzenedicarb...	12.89	5.7 ng		499686	5	13.87	1762170	20.0
1-Octadecene	13.75	4.1 ng		364883	5	13.87	1762170	20.0
unknown14.39	14.39	2.5 ng		224923	5	13.87	1762170	20.0
unknown14.73	14.73	3.7 ng		253775	6	15.27	1373540	20.0
23,28-Bisnor-17.a...	15.39	4.2 ng		289182	6	15.27	1373540	20.0
28-Nor-17.alpha.(...	15.88	11.8 ng		810857	6	15.27	1373540	20.0
unknown16.27	16.27	13.0 ng		892975	6	15.27	1373540	20.0
unknown16.79	16.79	4.3 ng		294680	6	15.27	1373540	20.0
unknown16.85	16.85	3.8 ng		263326	6	15.27	1373540	20.0