

Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
 Data File : BF081158.D
 Acq On : 21 Aug 2015 21:50
 Operator : UM/IZ
 Sample : G3363-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C2

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-BF081715.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	3.910	174	177	181	rBV	62712	99420	2.16%	0.160%
2	4.676	240	244	255	rVB	1103707	2218260	48.20%	3.568%
3	5.133	281	284	286	rBV	2021116	2236564	48.60%	3.597%
4	5.544	318	320	323	rBV	84419	80268	1.74%	0.129%
5	6.207	375	378	381	rBV	1862223	2121572	46.10%	3.412%
6	6.322	385	388	391	rVB	2021170	2048801	44.52%	3.295%
7	6.550	406	408	410	rBV	395413	439900	9.56%	0.708%
8	6.710	420	422	425	rBV	1690735	1539742	33.46%	2.477%
9	7.133	455	459	461	rBV	1298012	1682255	36.55%	2.706%
10	7.842	519	521	525	rVB2	788461	1063302	23.10%	1.710%
11	8.550	581	583	585	rBV	283931	230319	5.00%	0.370%
12	8.653	589	592	594	rVV	144280	174310	3.79%	0.280%
13	8.916	613	615	618	rVB	1684781	2400300	52.16%	3.861%
14	9.019	622	624	625	rVV	89017	91621	1.99%	0.147%
15	9.110	629	632	635	rVB	46128	53091	1.15%	0.085%
16	9.179	635	638	640	rBV	91114	128006	2.78%	0.206%
17	9.248	641	644	645	rBV	191163	178156	3.87%	0.287%
18	9.270	645	646	648	rVV	115525	99245	2.16%	0.160%
19	9.316	648	650	652	rVV	465254	395862	8.60%	0.637%
20	9.362	652	654	657	rVV	109853	130502	2.84%	0.210%
21	9.442	659	661	663	rVB	108186	91785	1.99%	0.148%
22	9.579	671	673	675	rBV2	612623	734624	15.96%	1.182%
23	9.613	675	676	678	rVB	771894	612637	13.31%	0.985%
24	9.693	681	683	685	rBV	40882	64725	1.41%	0.104%
25	9.739	685	687	688	rVB	69819	59556	1.29%	0.096%
26	9.785	689	691	693	rBV	544637	478134	10.39%	0.769%
27	9.830	693	695	696	rVB	53727	59366	1.29%	0.095%
28	9.899	699	701	702	rBV	77968	79236	1.72%	0.127%
29	9.933	702	704	707	rVB2	38316	60027	1.30%	0.097%
30	9.990	707	709	712	rBV3	66008	111453	2.42%	0.179%
31	10.128	719	721	722	rBV	634610	621860	13.51%	1.000%
32	10.185	722	726	727	rVV2	58424	109004	2.37%	0.175%
33	10.208	727	728	729	rVV	110292	87254	1.90%	0.140%
34	10.253	729	732	733	rVV2	89919	141157	3.07%	0.227%

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35	10.288	733	735	738	rVB	135489	184128	4.00%	0.296%
36	10.368	739	742	744	rVV	1578077	1647790	35.80%	2.650%
37	10.425	744	747	749	rVB3	98684	139486	3.03%	0.224%
38	10.505	751	754	757	rVB2	115196	199839	4.34%	0.321%
39	10.665	765	768	770	rBV2	124149	216951	4.71%	0.349%
40	10.745	772	775	777	rBV3	29621	51776	1.13%	0.083%
41	10.802	777	780	784	rBV4	88741	225713	4.90%	0.363%
42	10.859	784	785	788	rVB	255332	247598	5.38%	0.398%
43	10.916	788	790	791	rBV	159471	189598	4.12%	0.305%
44	10.951	791	793	795	rBV	444572	412235	8.96%	0.663%
45	11.088	800	805	807	rBV2	3120093	4602134	100.00%	7.402%
46	11.133	807	809	810	rVV	1324090	1110955	24.14%	1.787%
47	11.168	810	812	813	rVB	88768	93579	2.03%	0.151%
48	11.282	819	822	824	rBV2	401727	640218	13.91%	1.030%
49	11.316	824	825	827	rVV2	58832	91846	2.00%	0.148%
50	11.385	827	831	833	rVV4	138125	324079	7.04%	0.521%
51	11.556	843	846	847	rBV	429867	523881	11.38%	0.843%
52	11.579	847	848	850	rVB	704825	569795	12.38%	0.916%
53	11.625	850	852	854	rBV2	323235	430887	9.36%	0.693%
54	11.659	854	855	860	rVB2	742186	1072924	23.31%	1.726%
55	11.728	860	861	862	rBV	59404	79968	1.74%	0.129%
56	11.785	865	866	867	rVV	82547	59126	1.28%	0.095%
57	11.854	869	872	875	rVB2	278078	648934	14.10%	1.044%
58	11.922	875	878	882	rBV3	38701	54757	1.19%	0.088%
59	11.991	882	884	886	rBV2	111478	168134	3.65%	0.270%
60	12.025	886	887	888	rBV	118672	87440	1.90%	0.141%
61	12.094	891	893	895	rBV	198407	340966	7.41%	0.548%
62	12.139	895	897	900	rVV3	123200	296189	6.44%	0.476%
63	12.185	900	901	905	rVB2	250275	255640	5.55%	0.411%
64	12.265	905	908	910	rBV	2552737	4164042	90.48%	6.698%
65	12.322	910	913	917	rVB3	103716	213983	4.65%	0.344%
66	12.402	917	920	921	rBV	292066	320595	6.97%	0.516%
67	12.494	925	928	930	rVV	2476830	3729267	81.03%	5.998%
68	12.528	930	931	935	rVB3	175524	243205	5.28%	0.391%
69	12.596	935	937	939	rBV	173140	297219	6.46%	0.478%
70	12.642	939	941	943	rVV	2158974	2186334	47.51%	3.517%
71	12.711	943	947	950	rVV3	212700	480436	10.44%	0.773%

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72	12.814	951	956	957	rVV2	450093	745596	16.20%	1.199%
73	12.882	960	962	963	rVV	222326	337144	7.33%	0.542%
74	12.916	963	965	968	rVV2	323865	575640	12.51%	0.926%
75	12.996	971	972	974	rVV	165693	218489	4.75%	0.351%
76	13.031	974	975	977	rVV	216899	240513	5.23%	0.387%
77	13.111	980	982	987	rVB4	104778	210606	4.58%	0.339%
78	13.317	997	1000	1002	rBV	180196	268342	5.83%	0.432%
79	13.419	1007	1009	1010	rBV	361150	382582	8.31%	0.615%
80	13.454	1010	1012	1014	rVV2	186656	385125	8.37%	0.619%
81	13.522	1016	1018	1020	rVB	259036	223724	4.86%	0.360%
82	13.557	1020	1021	1023	rBV2	97711	134507	2.92%	0.216%
83	13.671	1027	1031	1033	rBV2	1505133	2825293	61.39%	4.544%
84	13.705	1033	1034	1037	rVB	1307668	1031644	22.42%	1.659%
85	13.774	1038	1040	1042	rBV2	231740	216017	4.69%	0.347%
86	13.865	1046	1048	1050	rBV3	97460	158344	3.44%	0.255%
87	14.059	1063	1065	1066	rVB	218575	218907	4.76%	0.352%
88	14.094	1066	1068	1070	rVB2	90973	101312	2.20%	0.163%
89	14.357	1089	1091	1092	rBV	136478	158210	3.44%	0.254%
90	14.665	1115	1118	1122	rBV	1046744	2123888	46.15%	3.416%
91	14.745	1124	1125	1127	rVB	253207	210239	4.57%	0.338%
92	14.905	1137	1139	1142	rVB	487955	759408	16.50%	1.221%
93	14.962	1142	1144	1146	rVB	782311	961253	20.89%	1.546%
94	15.008	1146	1148	1149	rBV	292859	339908	7.39%	0.547%
95	15.922	1226	1228	1235	rVB4	117175	305692	6.64%	0.492%
96	16.208	1249	1253	1256	rVB	385978	713995	15.51%	1.148%
97	16.334	1262	1264	1266	rBV	85843	151322	3.29%	0.243%
98	16.380	1266	1268	1271	rVV2	66253	125021	2.72%	0.201%
99	16.563	1280	1284	1287	rVB	261929	545975	11.86%	0.878%
100	16.734	1297	1299	1306	rVB2	82034	178863	3.89%	0.288%

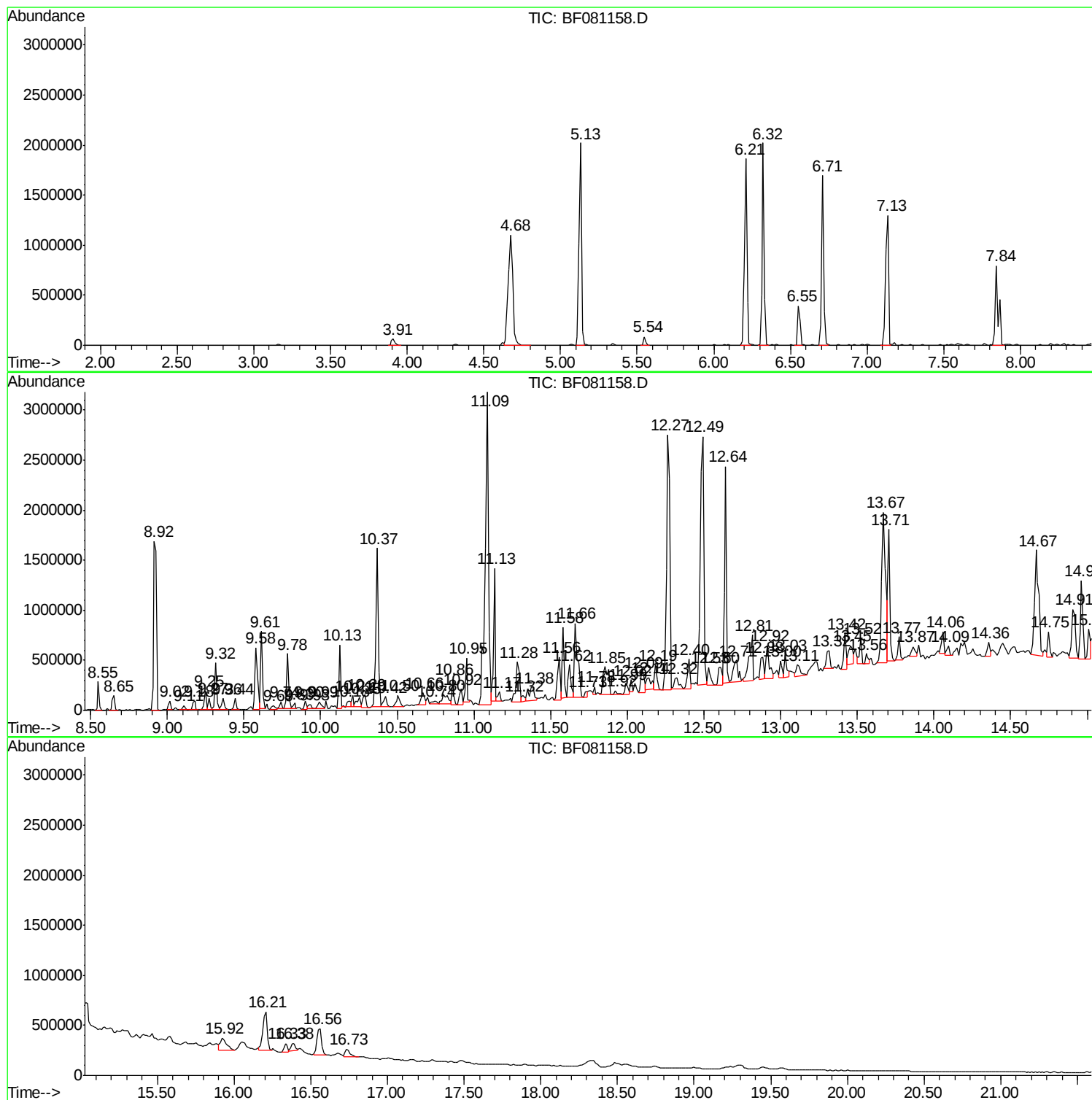
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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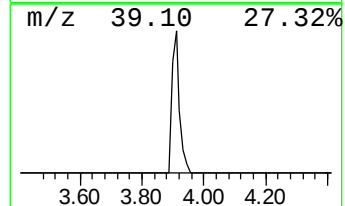
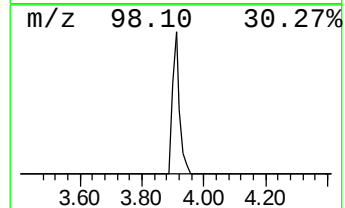
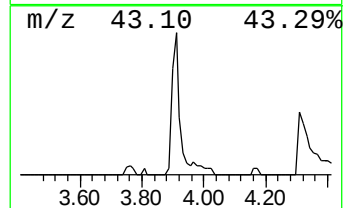
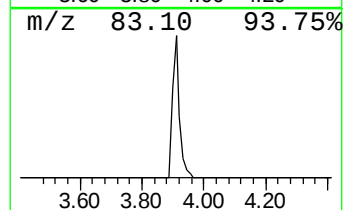
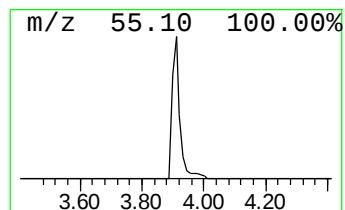
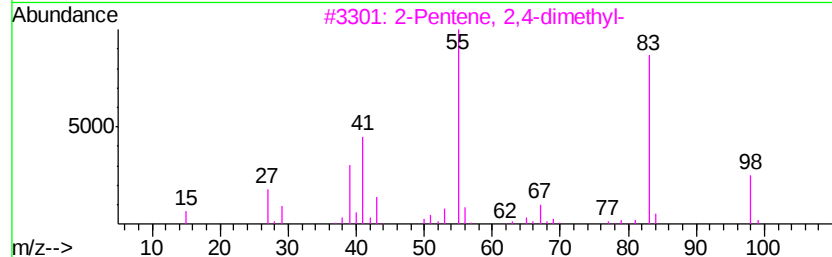
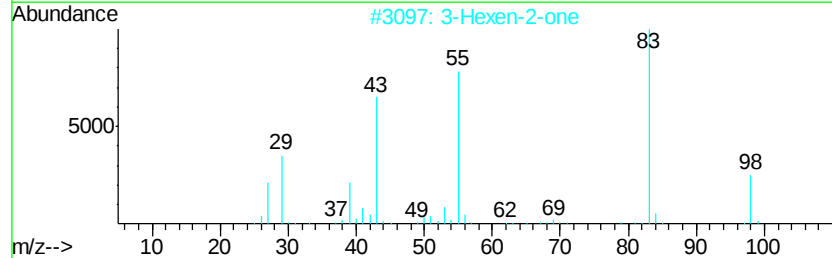
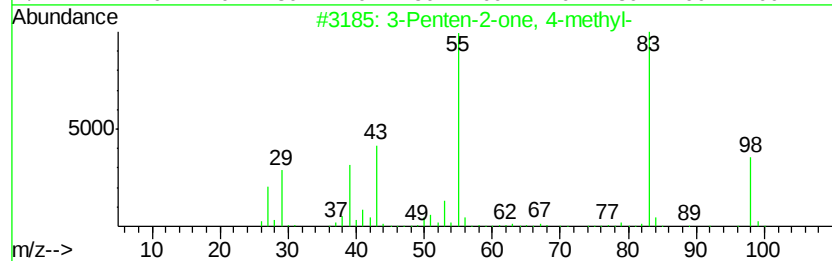
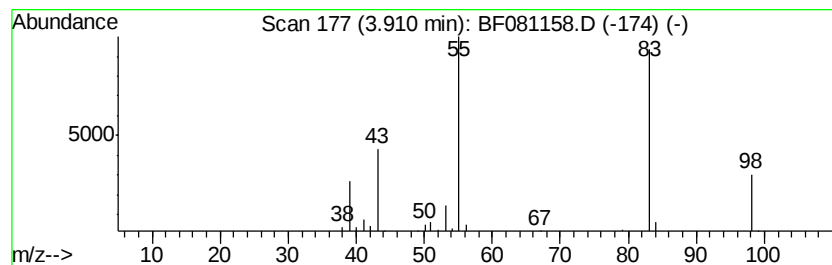
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	4.52 ng	99420	1,4-Dichlorobenzene-d4	6.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	91
3			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4			2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86



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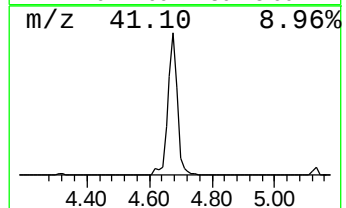
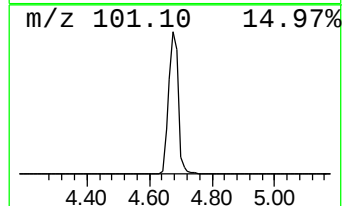
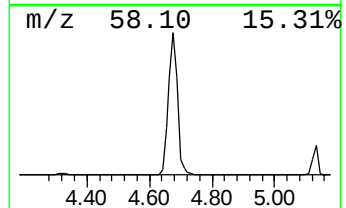
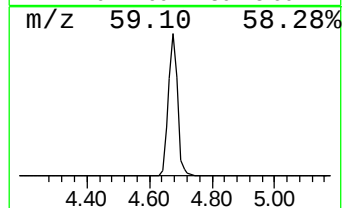
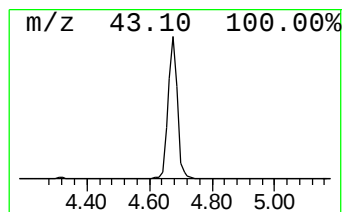
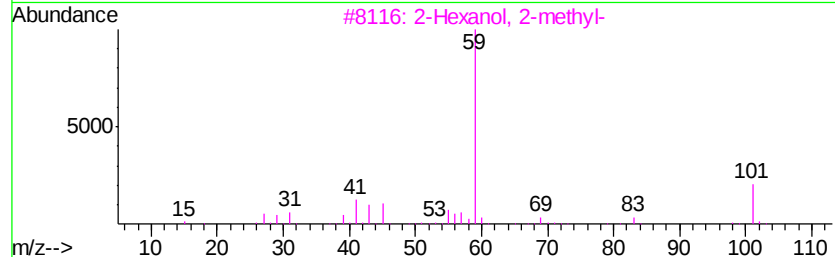
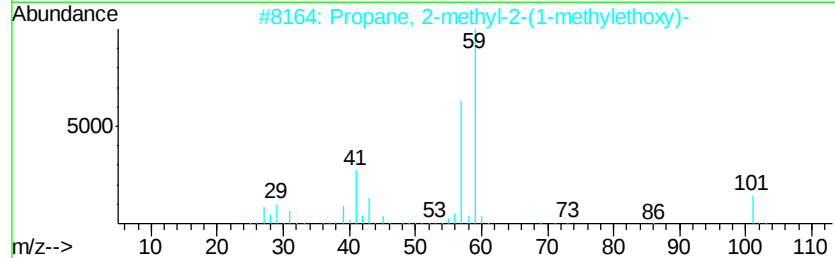
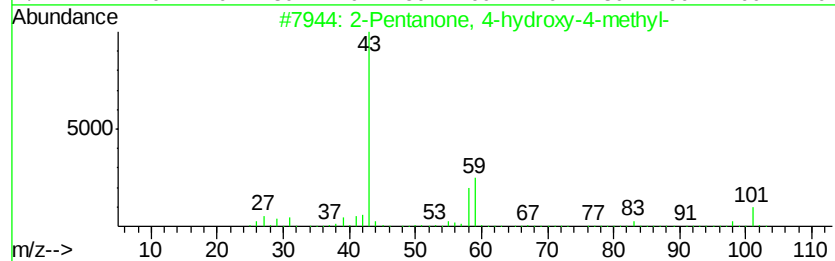
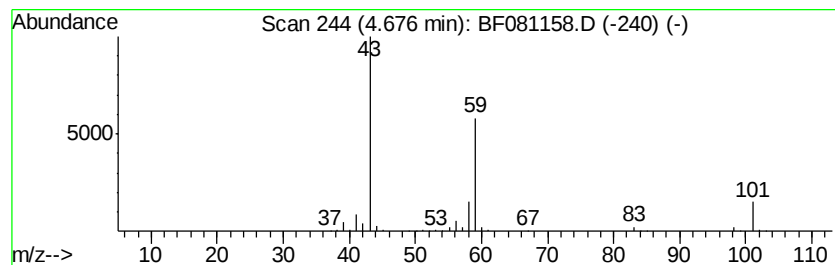
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	100.85 ng	2218260	1,4-Dichlorobenzene-d4	6.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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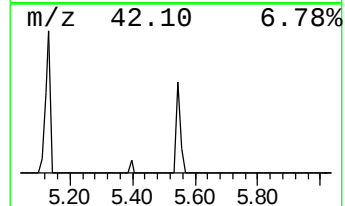
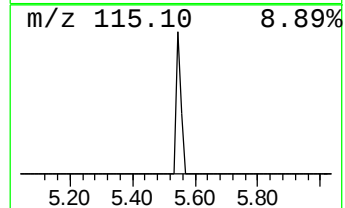
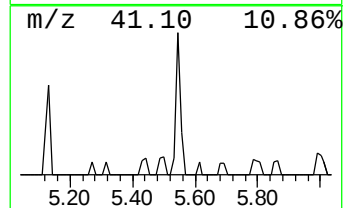
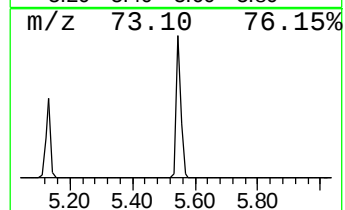
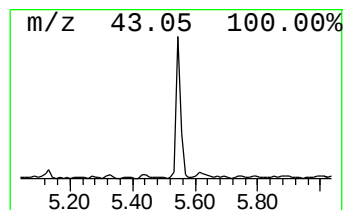
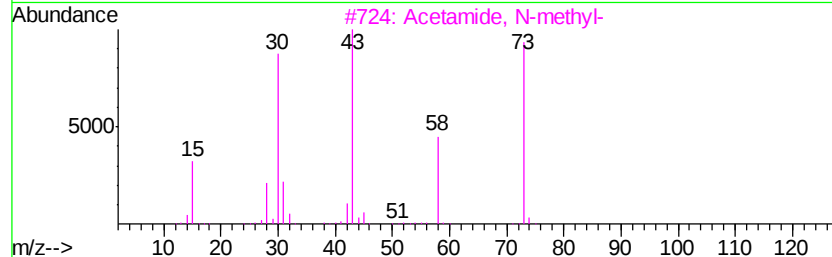
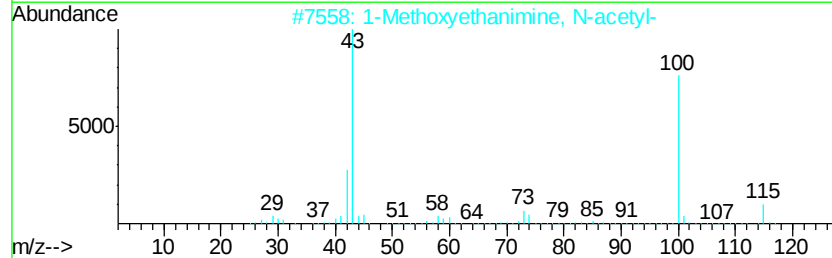
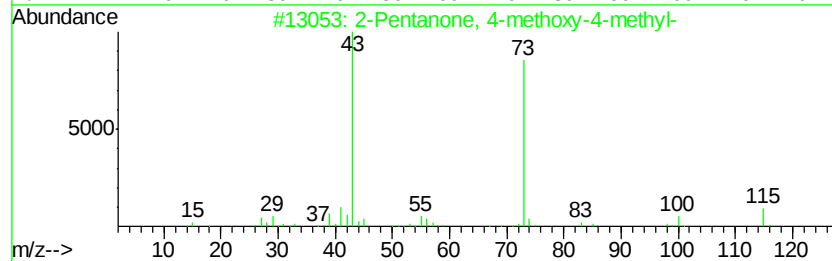
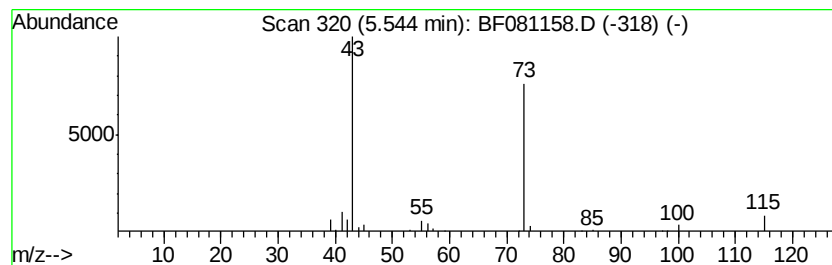
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Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	3.65 ng	80268	1,4-Dichlorobenzene-d4	6.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2		1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	37
3		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	32
4		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23
5		Hexane, 2-methyl-	100	C7H16	000591-76-4	9



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
Data File : BF081158.D
Acq On : 21 Aug 2015 21:50
Operator : UM/IZ
Sample : G3363-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TEC-C2

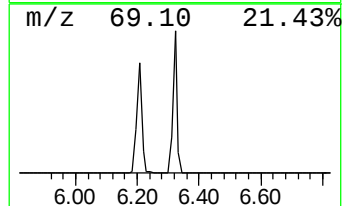
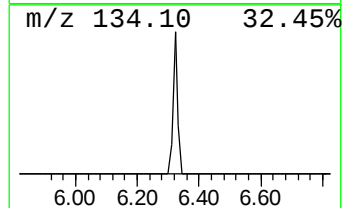
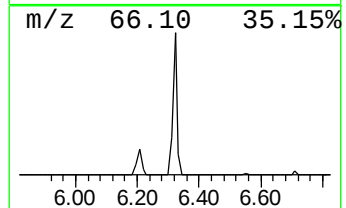
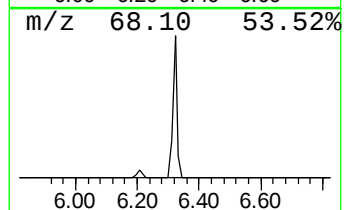
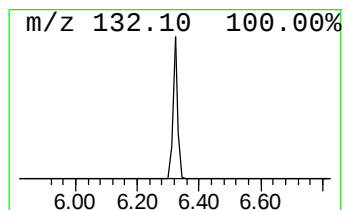
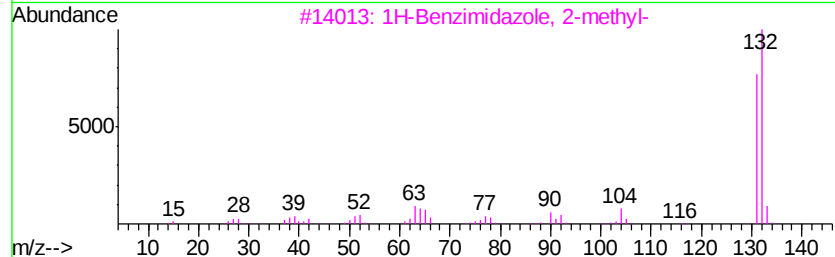
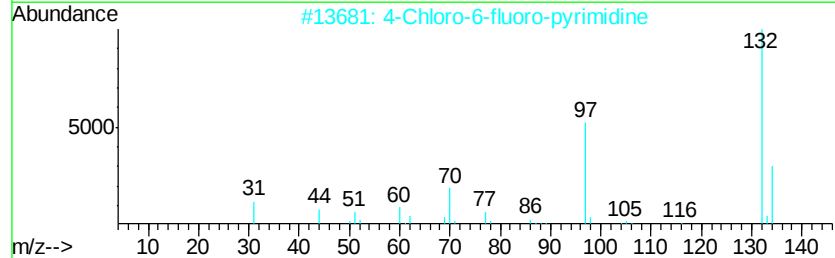
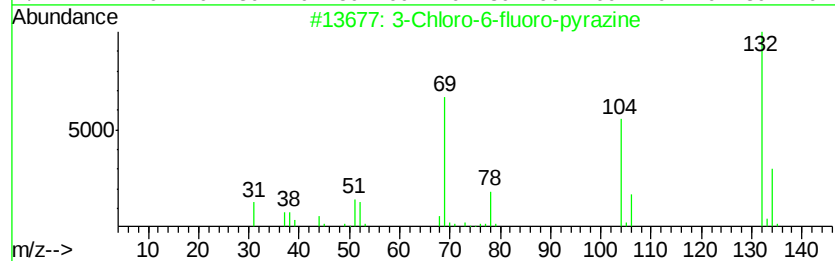
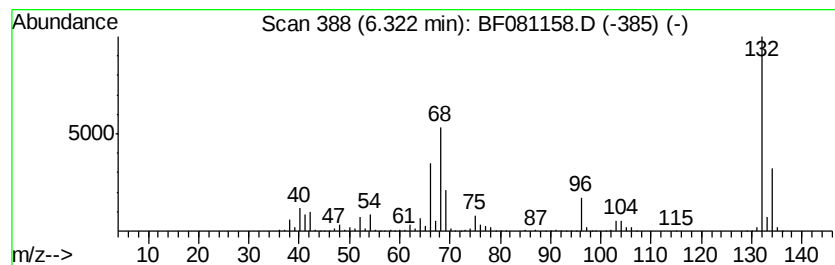
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.32 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	93.15 ng	2048800	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
Data File : BF081158.D
Acq On : 21 Aug 2015 21:50
Operator : UM/IZ
Sample : G3363-09
Misc :
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Instrument :
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ClientSampleId :
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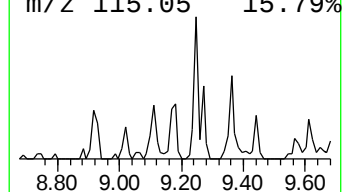
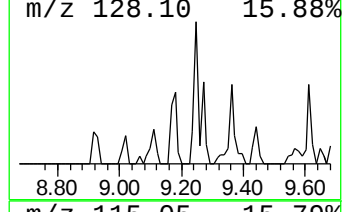
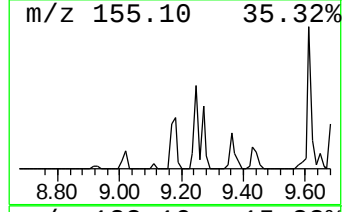
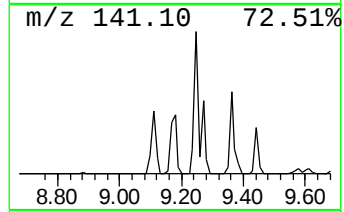
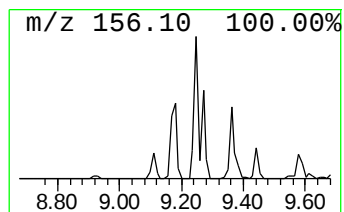
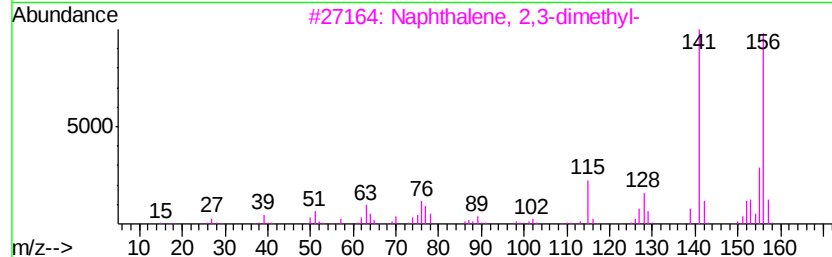
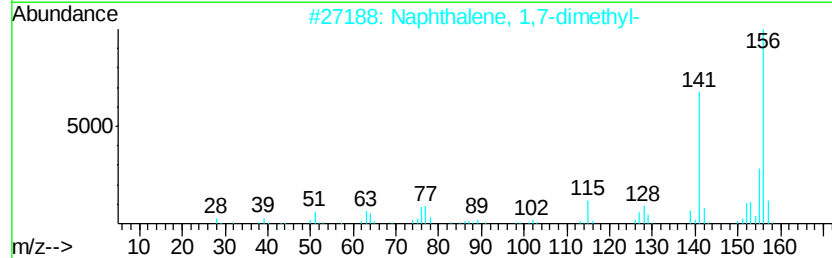
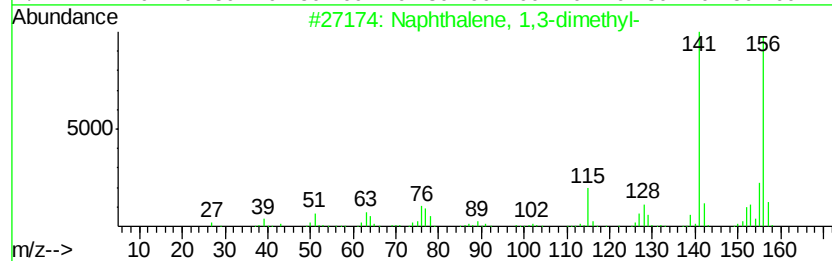
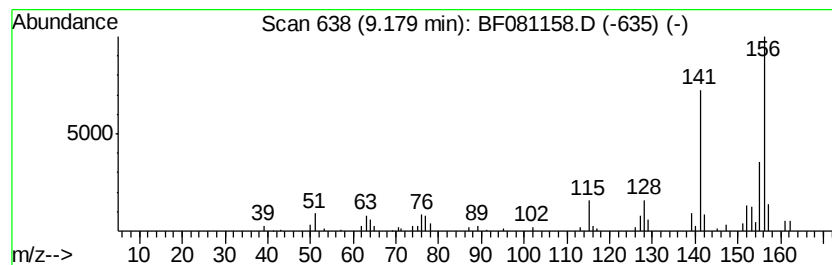
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	3.48 ng	128006	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
Data File : BF081158.D
Acq On : 21 Aug 2015 21:50
Operator : UM/IZ
Sample : G3363-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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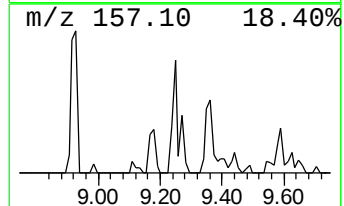
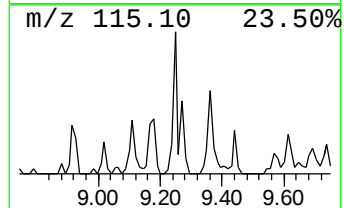
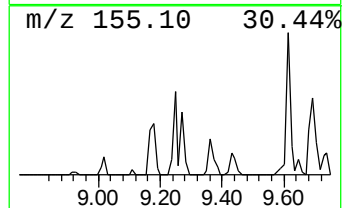
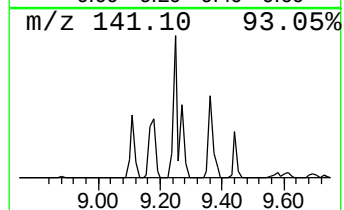
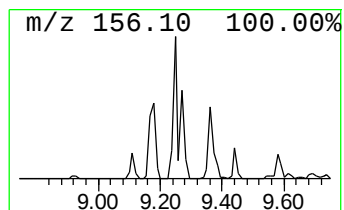
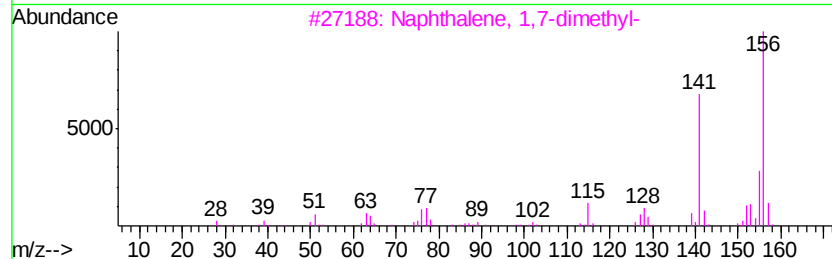
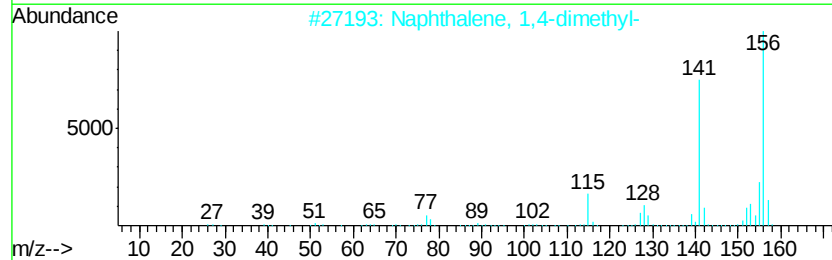
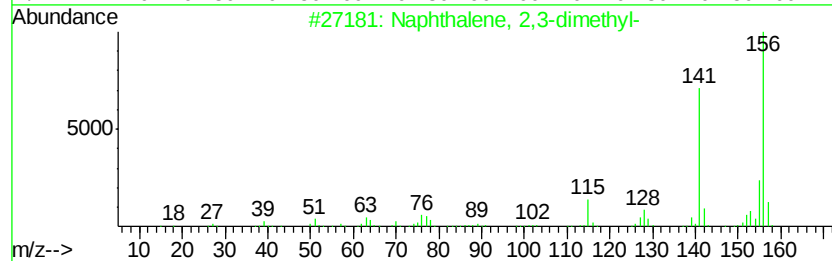
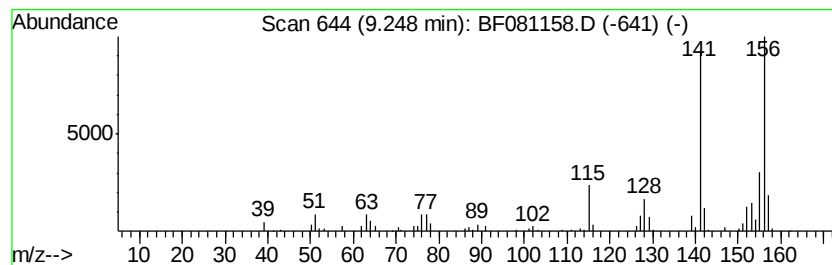
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	4.85 ng	178156	Acenaphthene-d10	9.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
Data File : BF081158.D
Acq On : 21 Aug 2015 21:50
Operator : UM/IZ
Sample : G3363-09
Misc :
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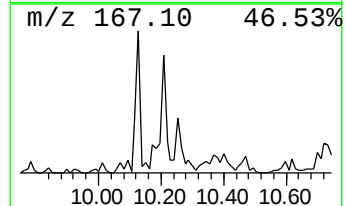
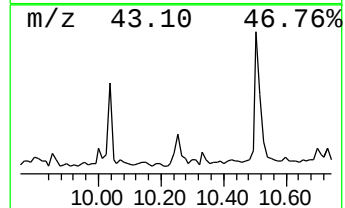
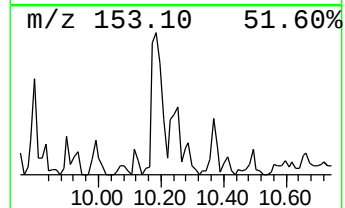
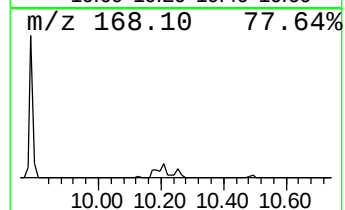
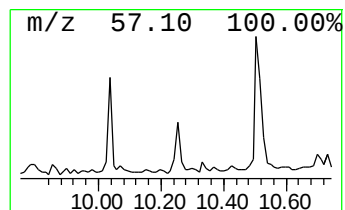
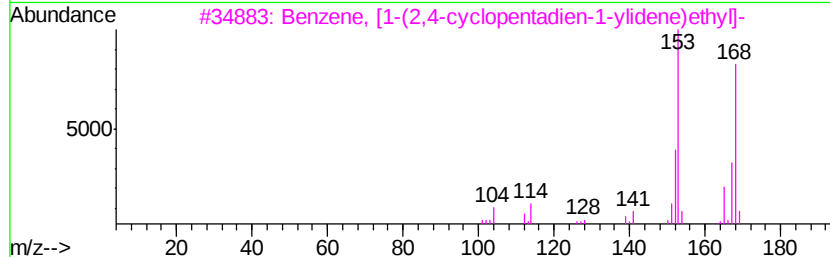
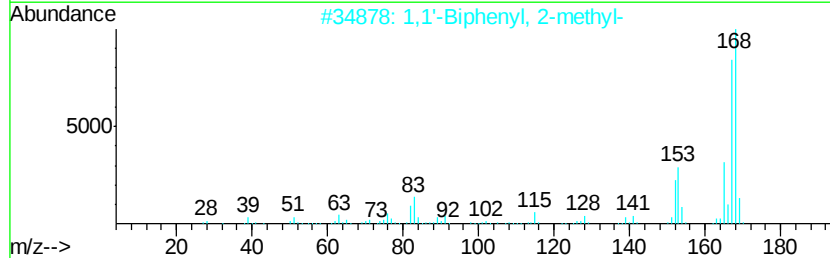
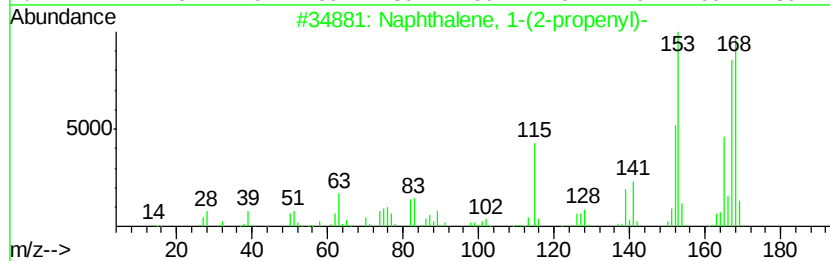
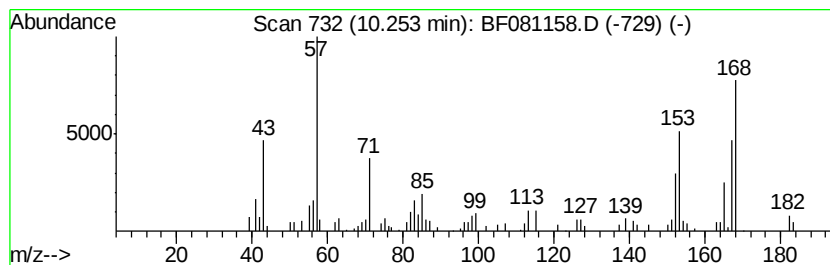
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.25 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.25	3.84 ng	141157	Acenaphthene-d10	9.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	43
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	35
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	30
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	18



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
Data File : BF081158.D
Acq On : 21 Aug 2015 21:50
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Sample : G3363-09
Misc :
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Instrument :
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ClientSampleId :
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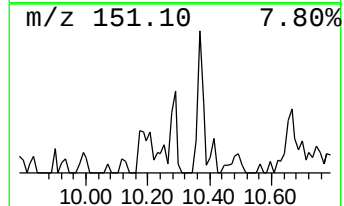
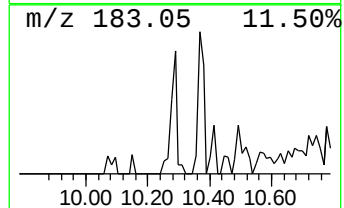
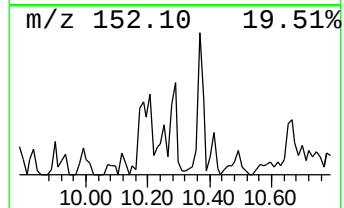
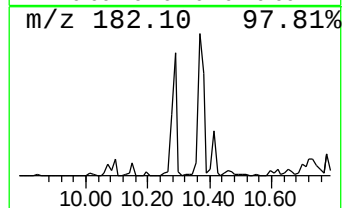
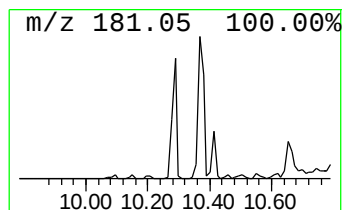
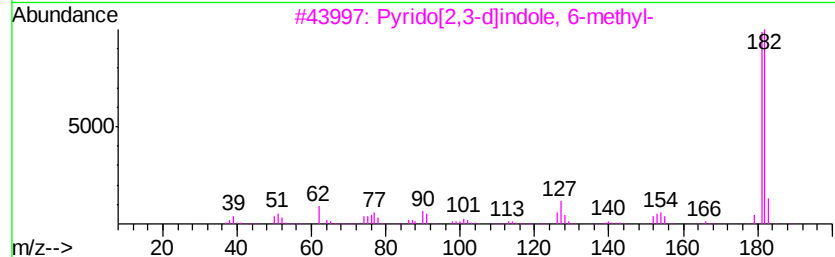
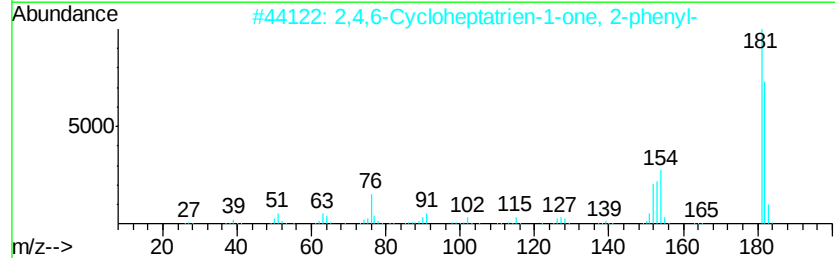
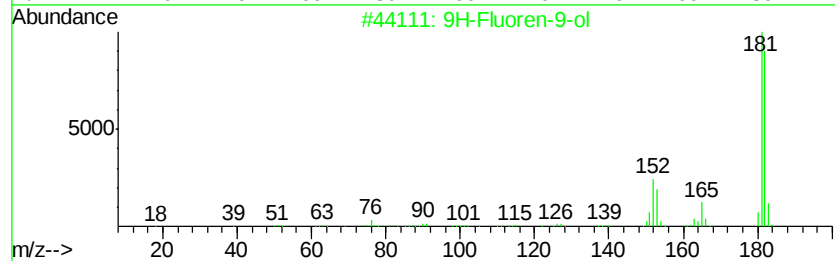
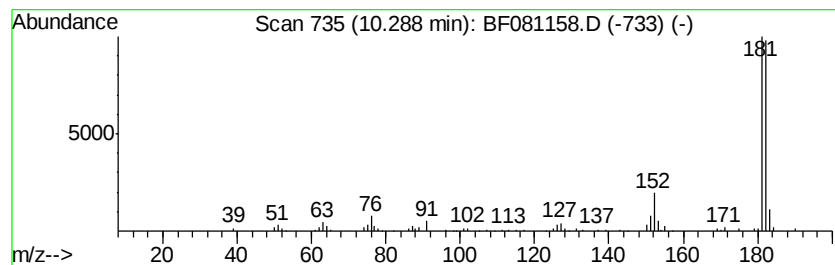
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9H-Fluoren-9-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	5.01 ng	184128	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
3		Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	64
4		9H-Xanthene	182	C13H10O	000092-83-1	60
5		2-Hydroxyfluorene	182	C13H10O	002443-58-5	59



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
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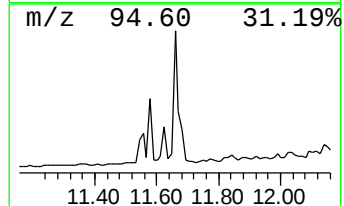
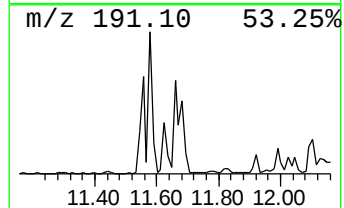
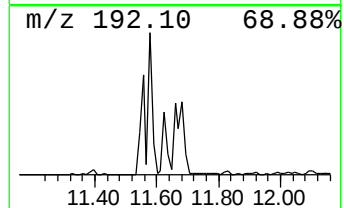
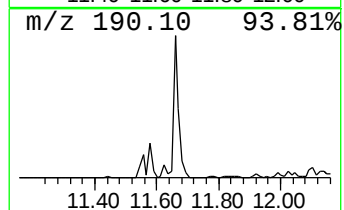
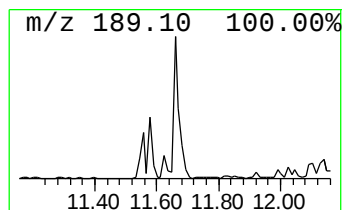
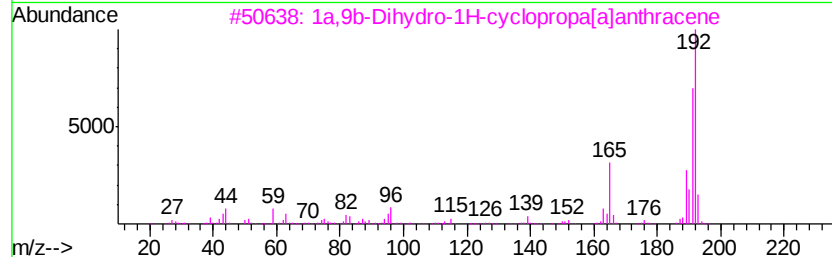
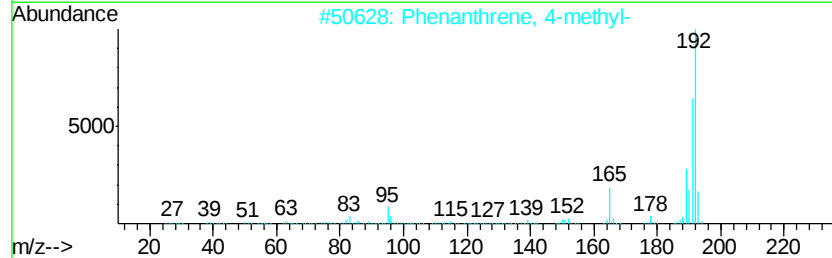
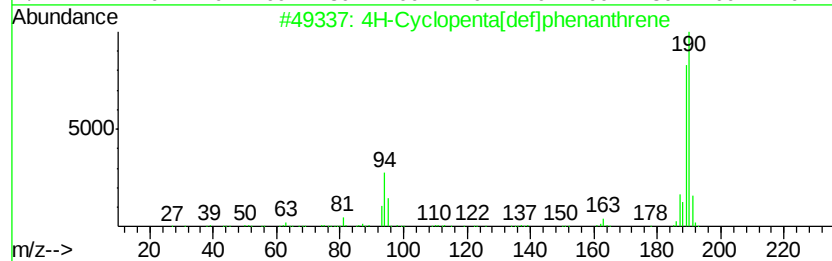
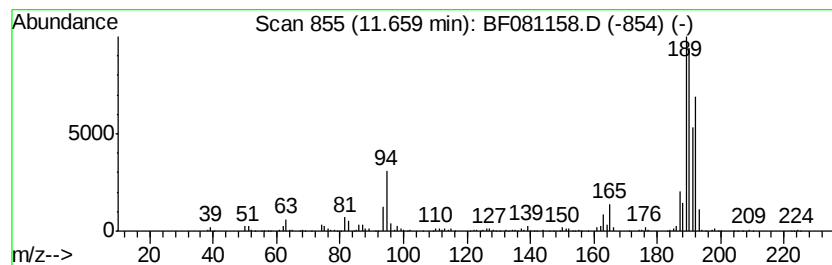
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.66	4.66 ng	1072920	Phenanthrene-d10	11.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	35
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	25



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
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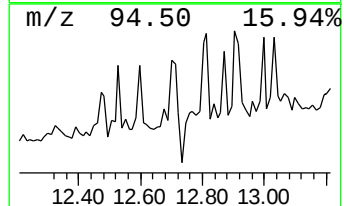
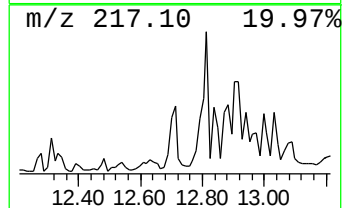
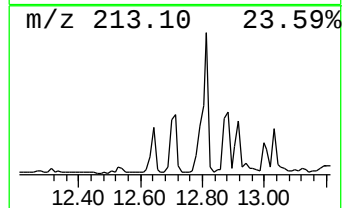
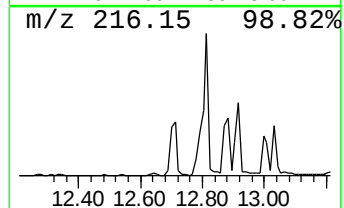
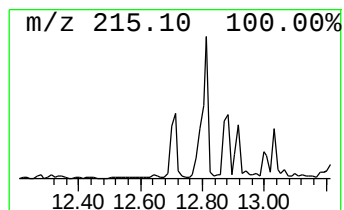
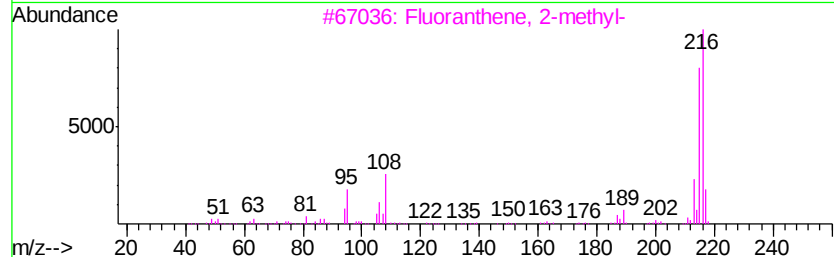
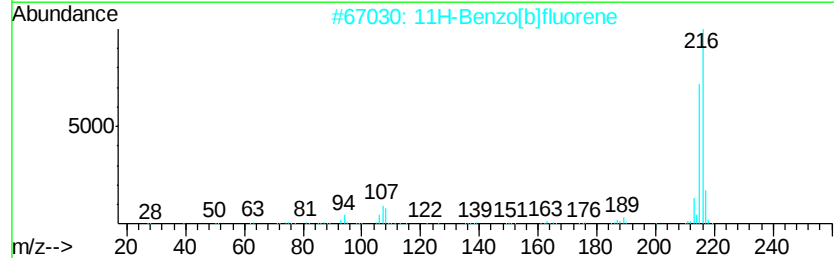
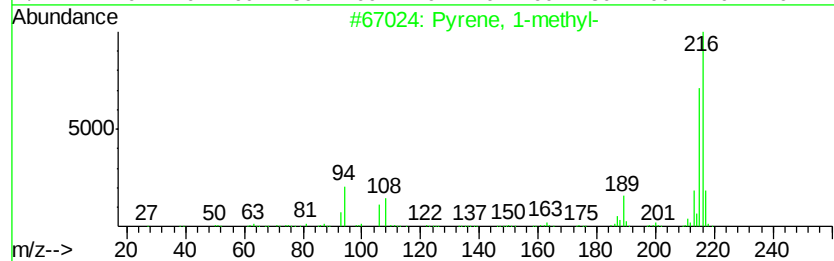
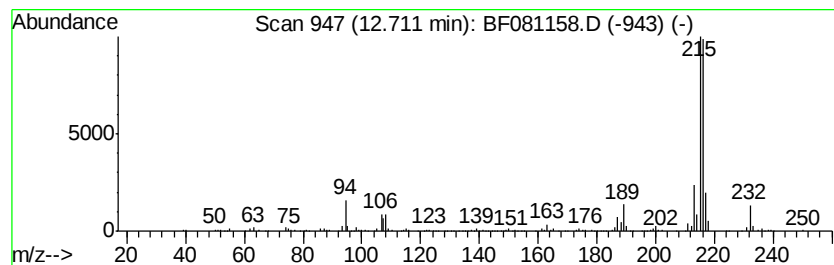
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.40 ng	480436	Chrysene-d12	13.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
Data File : BF081158.D
Acq On : 21 Aug 2015 21:50
Operator : UM/IZ
Sample : G3363-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-C2

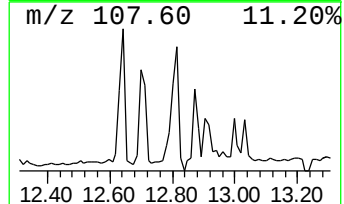
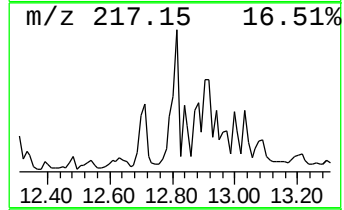
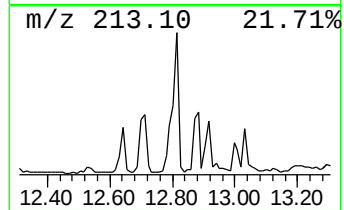
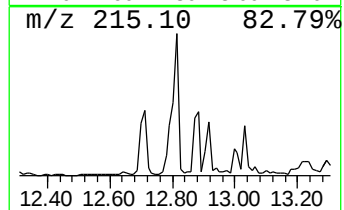
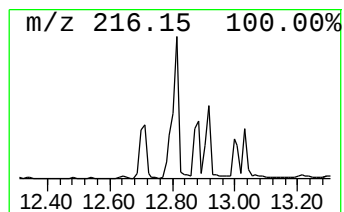
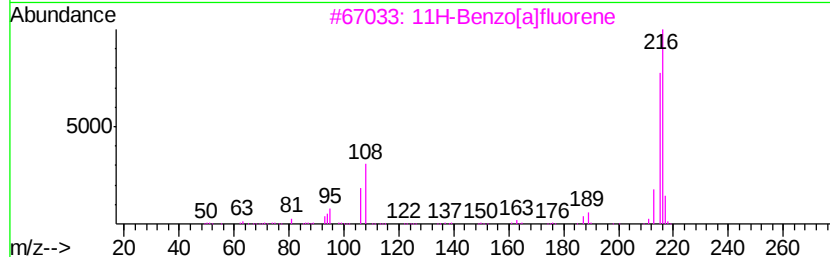
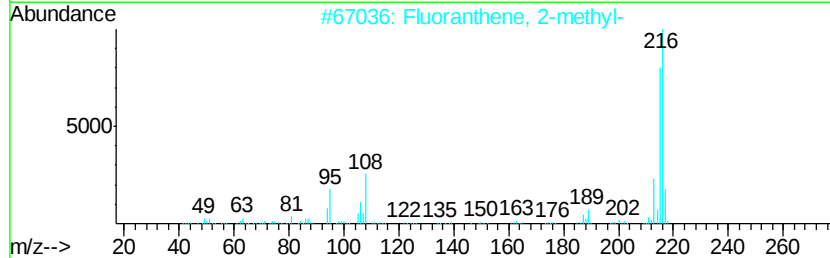
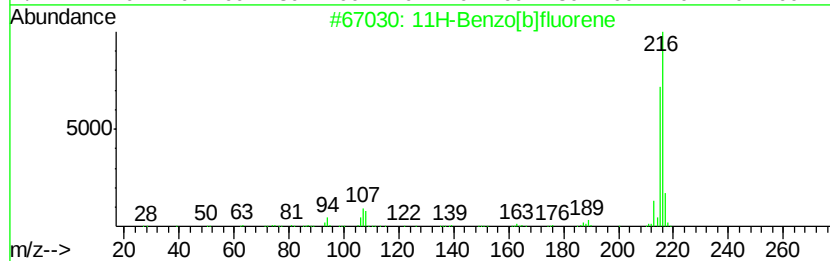
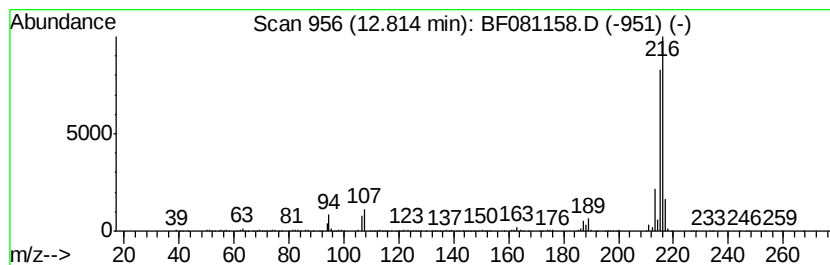
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	5.28 ng	745596	Chrysene-d12	13.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
Data File : BF081158.D
Acq On : 21 Aug 2015 21:50
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Sample : G3363-09
Misc :
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ClientSampleId :
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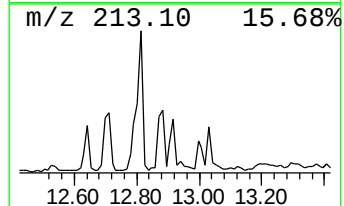
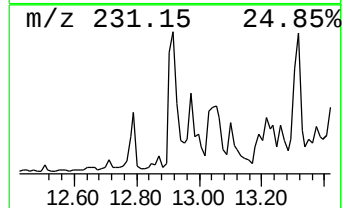
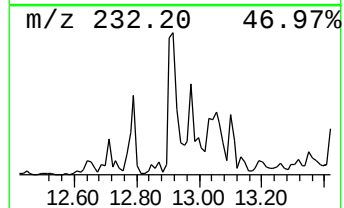
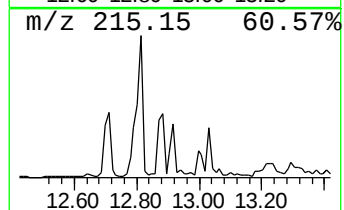
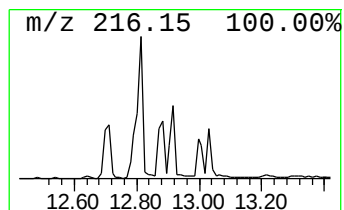
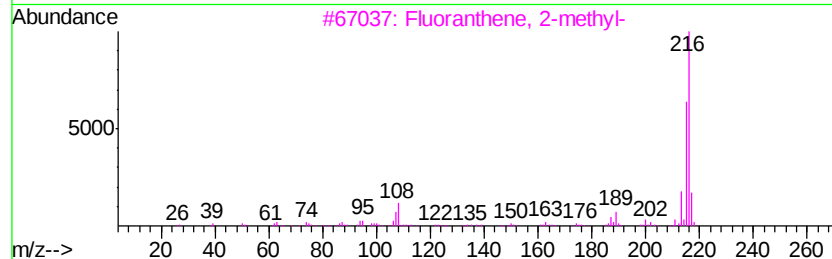
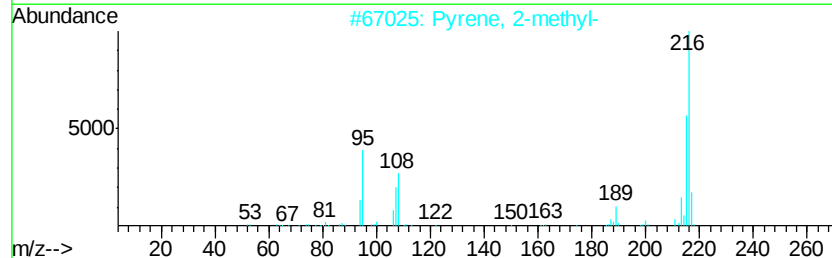
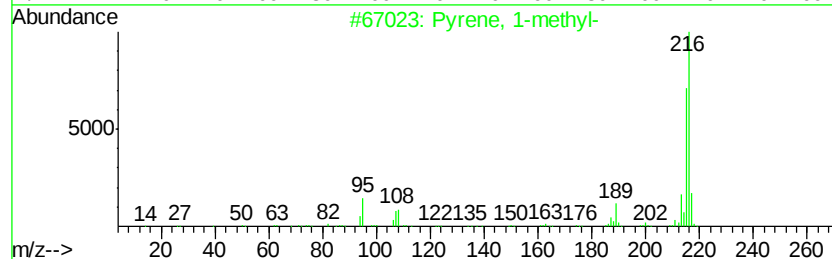
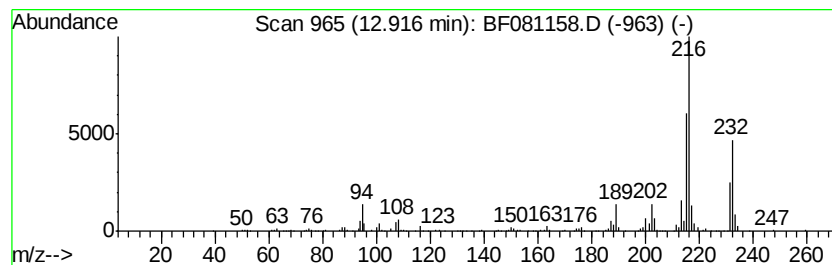
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	4.07 ng	575640	Chrysene-d12	13.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
4		Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	50



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
Data File : BF081158.D
Acq On : 21 Aug 2015 21:50
Operator : UM/IZ
Sample : G3363-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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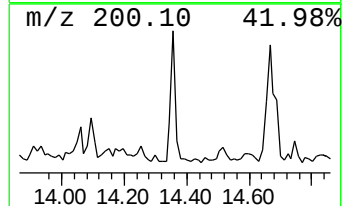
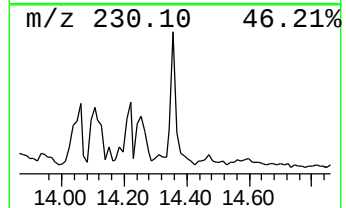
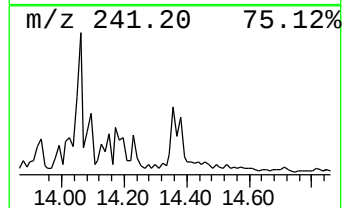
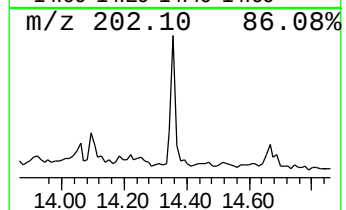
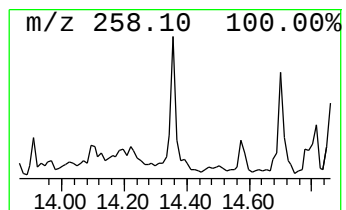
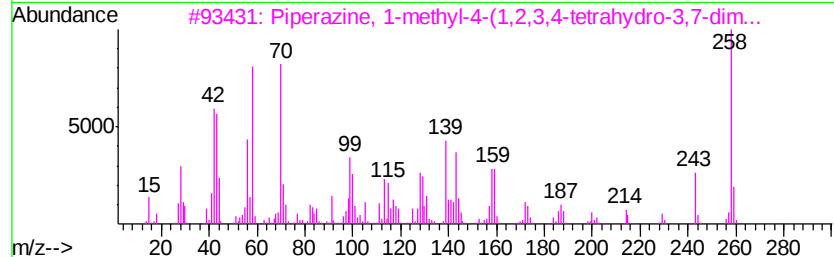
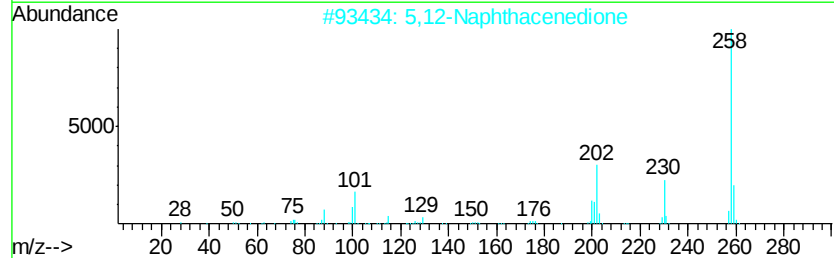
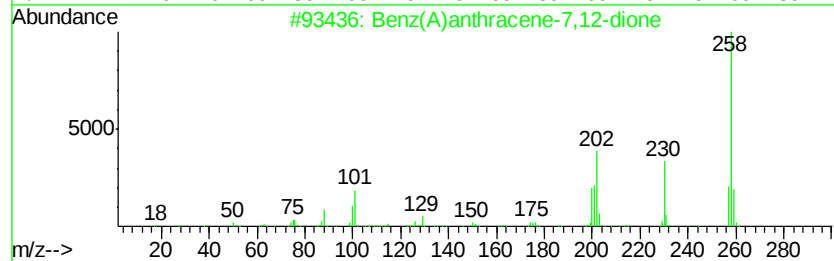
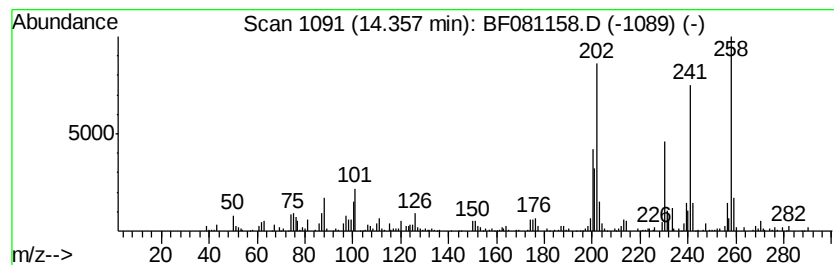
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benz(A)anthracene-7,12-dione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	9.31 ng	158210	Perylene-d12	15.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
2			5,12-Naphthacenedione	258	C18H10O2	001090-13-7	92
3			Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	53
4			1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	43
5			5,7-Dimethyl-6-phenyl-1,3-diazaa...	258	C16H22N2O	1000216-37-9	35



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
Data File : BF081158.D
Acq On : 21 Aug 2015 21:50
Operator : UM/IZ
Sample : G3363-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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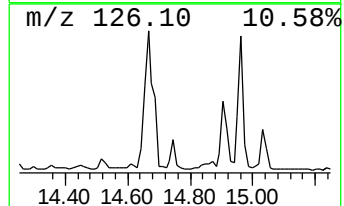
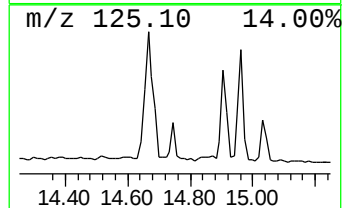
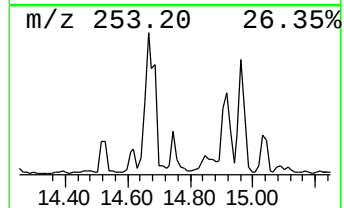
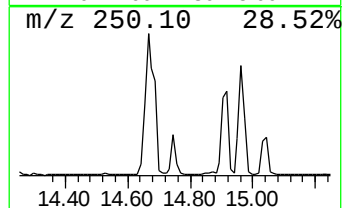
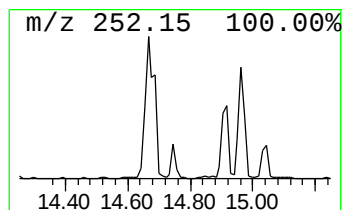
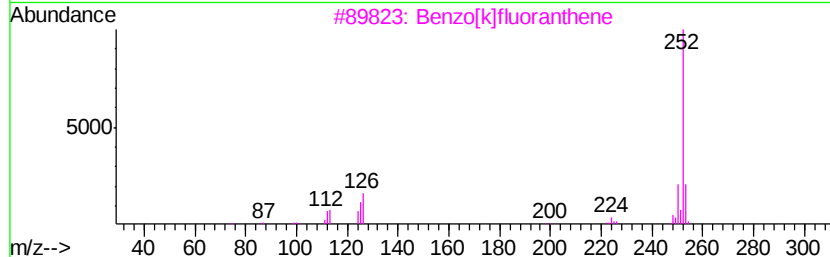
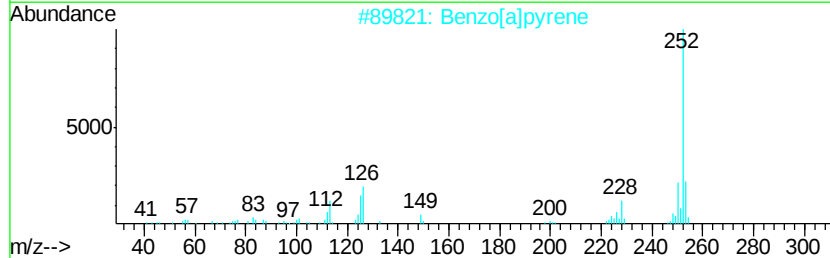
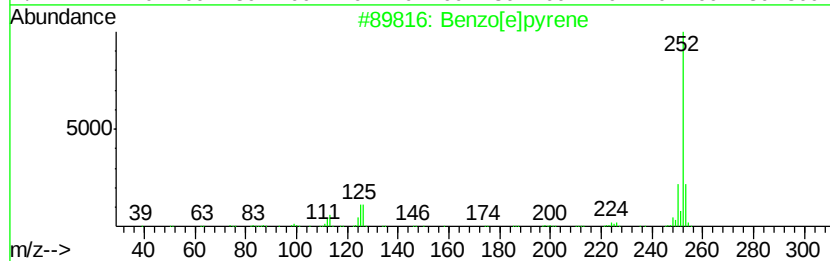
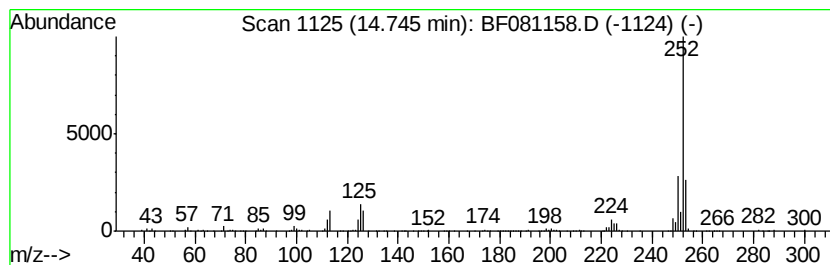
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	12.37 ng	210239	Perylene-d12	15.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2		Benzo[a]pyrene	252	C20H12	000050-32-8	91
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4		Perylene	252	C20H12	000198-55-0	74
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
Data File : BF081158.D
Acq On : 21 Aug 2015 21:50
Operator : UM/IZ
Sample : G3363-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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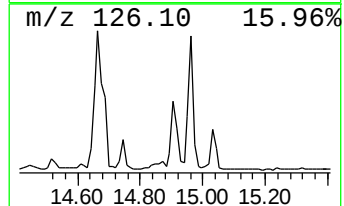
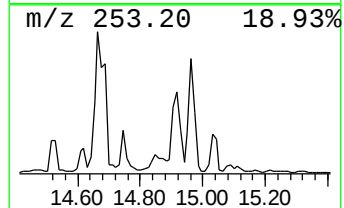
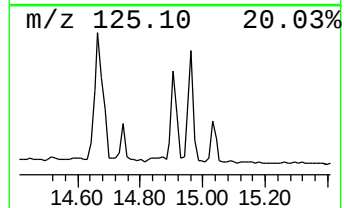
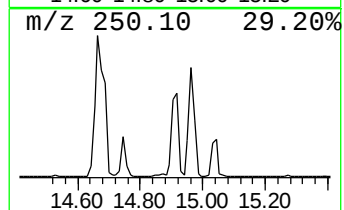
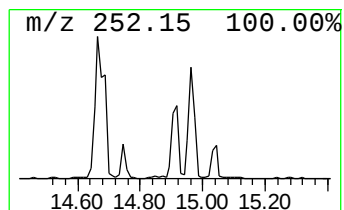
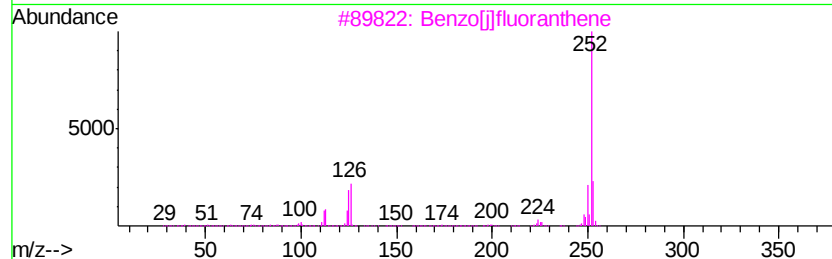
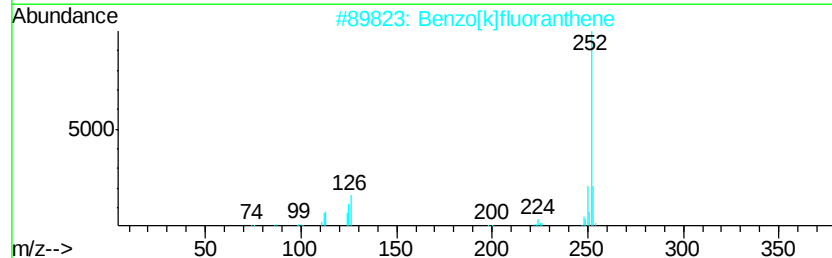
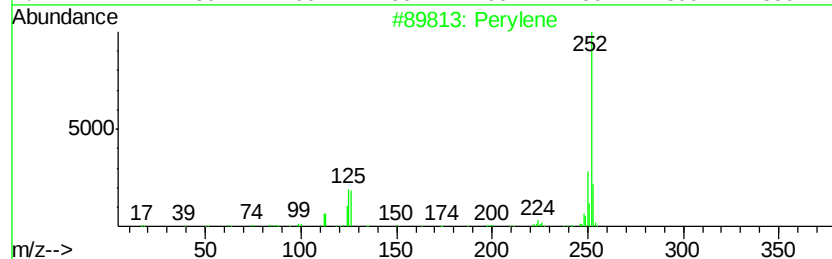
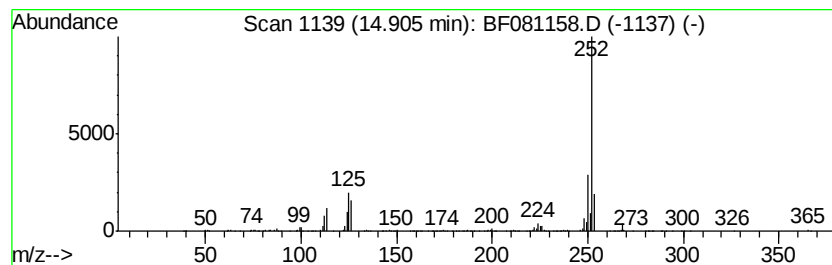
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	44.68 ng	759408	Perylene-d12	15.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
4		Benzo[e]pyrene	252	C20H12	000192-97-2	97
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
Data File : BF081158.D
Acq On : 21 Aug 2015 21:50
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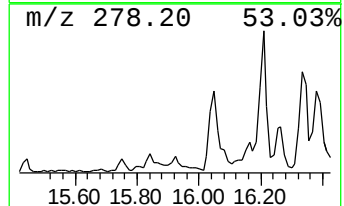
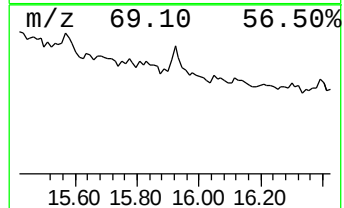
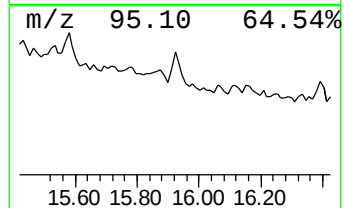
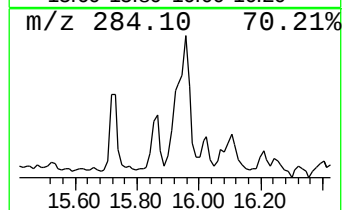
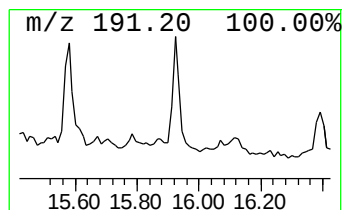
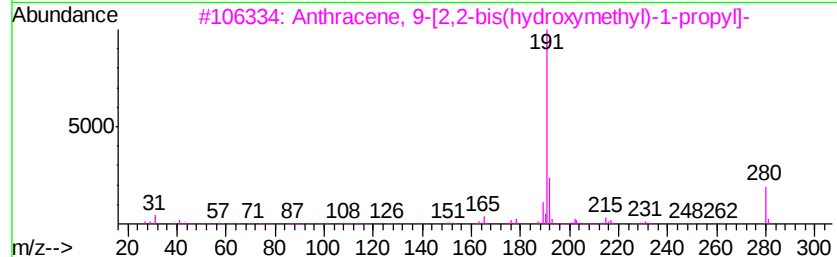
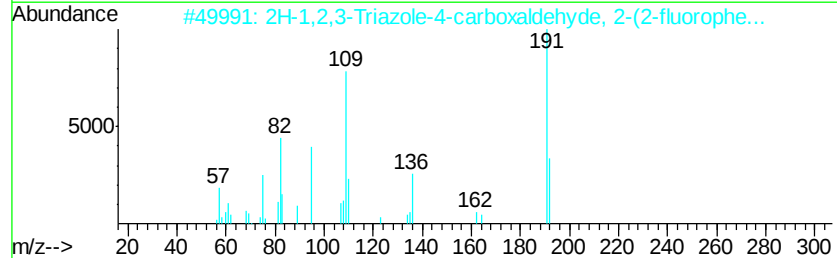
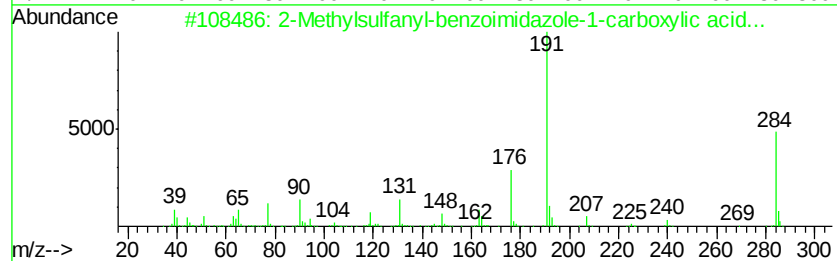
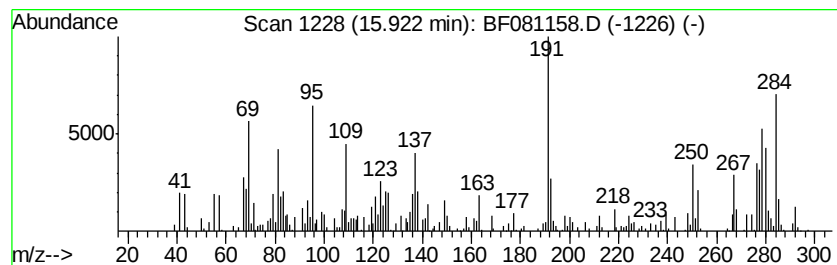
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.92 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	17.99 ng	305692	Perylene-d12	15.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylsulfanyl-benzoimidazole-...	284	C15H12N2O2S	1000294-32-8	25
2		2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	18
3		Anthracene, 9-[2,2-bis(hydroxyme...	280	C19H20O2	144000-85-1	16
4		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	15
5		2-(7-Methoxymethylphenanthren-3-...	280	C19H20O2	1000201-97-9	12



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
Data File : BF081158.D
Acq On : 21 Aug 2015 21:50
Operator : UM/IZ
Sample : G3363-09
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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
TEC-C2

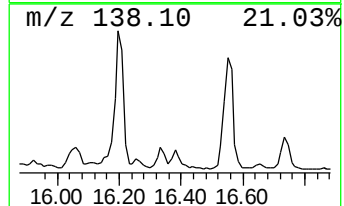
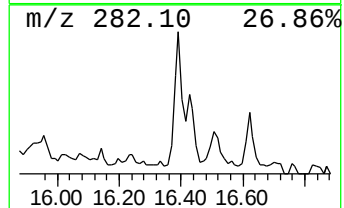
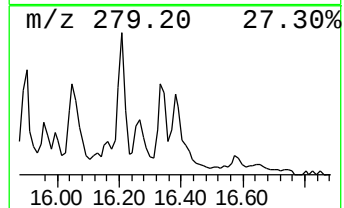
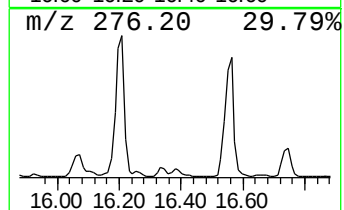
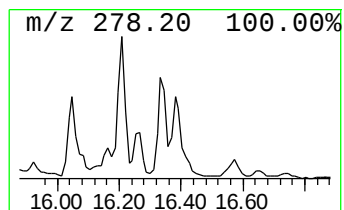
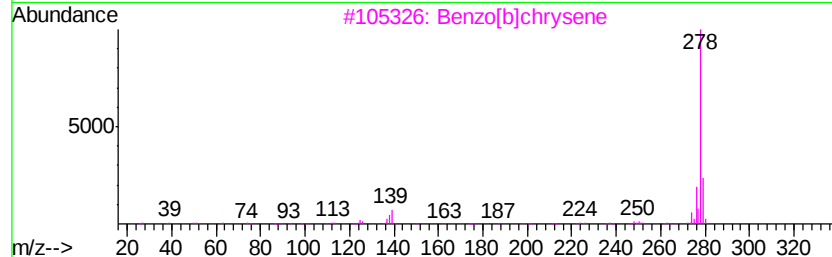
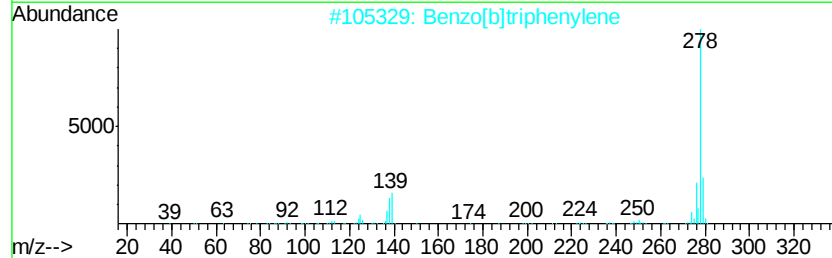
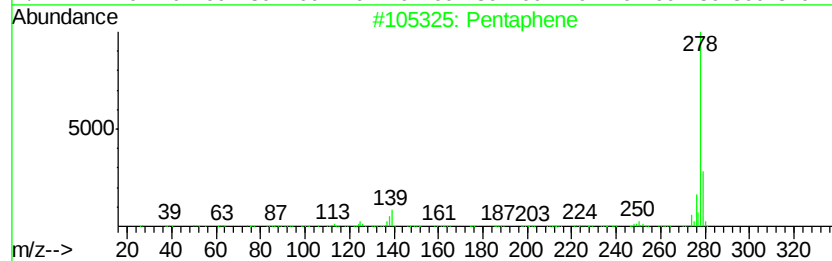
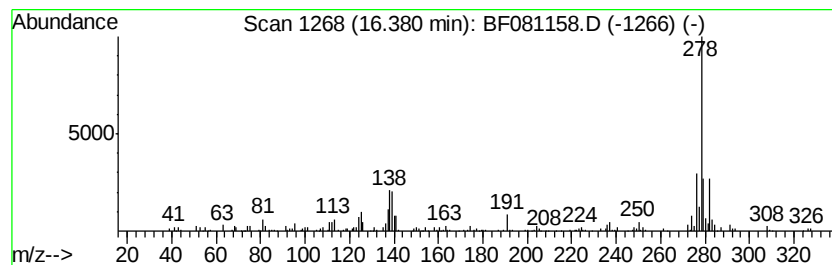
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentaphene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	7.36 ng	125021	Perylene-d12	15.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentaphene	278	C22H14	000222-93-5	96
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	94
3		Benzo[b]chrysene	278	C22H14	000214-17-5	94
4		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	91
5		Pentacene	278	C22H14	000135-48-8	91



Data Path : Z:\HPCHEM1\BNA_F\Data\BF082115\
 Data File : BF081158.D
 Acq On : 21 Aug 2015 21:50
 Operator : UM/IZ
 Sample : G3363-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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...	3.91	4.5	ng	99420	1	6.55	439900	20.0
2-Pentanone, 4-hy...	4.68	100.8	ng	2218260	1	6.55	439900	20.0
2-Pentanone, 4-me...	5.54	3.6	ng	80268	1	6.55	439900	20.0
unknown6.32	6.32	93.2	ng	2048800	1	6.55	439900	20.0
Naphthalene, 1,3-...	9.18	3.5	ng	128006	3	9.58	734624	20.0
Naphthalene, 2,3-...	9.25	4.8	ng	178156	3	9.58	734624	20.0
unknown10.25	10.25	3.8	ng	141157	3	9.58	734624	20.0
9H-Fluoren-9-ol	10.29	5.0	ng	184128	3	9.58	734624	20.0
4H-Cyclopenta[def...	11.66	4.7	ng	1072920	4	11.05	4602130	20.0
Pyrene, 1-methyl-	12.71	3.4	ng	480436	5	13.68	2825290	20.0
11H-Benzo[b]fluorene	12.81	5.3	ng	745596	5	13.68	2825290	20.0
Pyrene, 2-methyl-	12.92	4.1	ng	575640	5	13.68	2825290	20.0
Benz(A)anthracene...	14.36	9.3	ng	158210	6	15.01	339908	20.0
Benzo[e]pyrene	14.75	12.4	ng	210239	6	15.01	339908	20.0
Perylene	14.91	44.7	ng	759408	6	15.01	339908	20.0
unknown15.92	15.92	18.0	ng	305692	6	15.01	339908	20.0
Pentaphene	16.38	7.4	ng	125021	6	15.01	339908	20.0