

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083288.D
 Acq On : 25 Nov 2015 22:19
 Operator : UM/IZ
 Sample : G4567-04 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-COMPOSITE4

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

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

Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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	4.696	234	237	245	rBV	442274	728131	19.42%	1.279%
2	4.981	259	262	265	rBV	183865	215066	5.74%	0.378%
3	5.096	270	272	277	rBV	88689	176549	4.71%	0.310%
4	5.176	277	279	289	rBV	951280	1228611	32.78%	2.158%
5	5.370	293	296	302	rBV2	264555	384907	10.27%	0.676%
6	6.250	371	373	380	rVV	1349214	1398295	37.30%	2.457%
7	6.353	380	382	385	rVV	1118666	1269254	33.86%	2.230%
8	6.422	385	388	390	rVV2	353265	495862	13.23%	0.871%
9	6.467	390	392	396	rVV	102537	150392	4.01%	0.264%
10	6.582	400	402	405	rVV	1015972	1011568	26.99%	1.777%
11	6.742	414	416	417	rVV	1088710	958038	25.56%	1.683%
12	6.764	417	418	421	rVB	461239	410895	10.96%	0.722%
13	6.844	423	425	430	rBV	203621	308358	8.23%	0.542%
14	7.153	450	452	456	rVB	946454	916007	24.44%	1.609%
15	7.222	456	458	460	rBV	104112	155733	4.15%	0.274%
16	7.450	475	478	481	rBV2	132543	253896	6.77%	0.446%
17	7.633	490	494	495	rBV2	135303	215180	5.74%	0.378%
18	7.679	495	498	502	rVB3	72916	203968	5.44%	0.358%
19	7.873	513	515	519	rBV2	1467887	2324289	62.01%	4.083%
20	8.159	536	540	543	rBV2	126140	187453	5.00%	0.329%
21	8.319	552	554	558	rBV2	245276	423651	11.30%	0.744%
22	8.410	558	562	564	rBV3	199153	362586	9.67%	0.637%
23	8.445	564	565	567	rVV	174985	148262	3.96%	0.260%
24	8.593	575	578	579	rBV	450627	603664	16.10%	1.061%
25	8.685	584	586	590	rVB	443903	455615	12.15%	0.800%
26	8.925	605	607	608	rBV	185850	276995	7.39%	0.487%
27	8.959	608	610	612	rVB	1107833	1174213	31.32%	2.063%
28	9.050	614	618	621	rBV5	277450	608210	16.23%	1.069%
29	9.119	623	624	629	rVB3	206962	465002	12.40%	0.817%
30	9.210	630	632	634	rBV	191055	284836	7.60%	0.500%
31	9.245	634	635	637	rVB2	140383	153068	4.08%	0.269%
32	9.290	637	639	640	rBV	225532	263568	7.03%	0.463%
33	9.359	642	645	647	rVV4	406656	943996	25.18%	1.658%
34	9.405	647	649	654	rVB2	141239	244753	6.53%	0.430%

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Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.485	654	656	658 rBV	1260484	1213024	32.36%	2.131%
36	9.542	659	661	663 rVB2	114260	159029	4.24%	0.279%
37	9.576	663	664	665 rBV	151869	140716	3.75%	0.247%
38	9.622	666	668	670 rVV	1382541	1274073	33.99%	2.238%
39	9.656	670	671	673 rVB	307214	233612	6.23%	0.410%
40	9.736	675	678	680 rBV2	105768	178047	4.75%	0.313%
41	9.805	681	684	685 rBV2	82681	192747	5.14%	0.339%
42	9.839	685	687	688 rVB2	137206	144781	3.86%	0.254%
43	9.896	691	692	694 rBV2	183175	198041	5.28%	0.348%
44	9.942	694	696	699 rBV2	236168	483045	12.89%	0.849%
45	10.022	702	703	705 rBV2	168578	232189	6.19%	0.408%
46	10.079	705	708	710 rBV	316608	363502	9.70%	0.639%
47	10.136	710	713	714 rBV2	174134	228325	6.09%	0.401%
48	10.171	714	716	719 rVB2	173825	292862	7.81%	0.515%
49	10.228	719	721	723 rBV2	77428	146046	3.90%	0.257%
50	10.296	723	727	729 rBV2	454904	641786	17.12%	1.128%
51	10.342	729	731	733 rVB2	132444	180644	4.82%	0.317%
52	10.411	734	737	739 rVB2	658286	740785	19.76%	1.301%
53	10.559	746	750	753 rBV	624077	959211	25.59%	1.685%
54	10.639	755	757	759 rVB	125568	158790	4.24%	0.279%
55	10.868	775	777	780 rBV3	136687	253891	6.77%	0.446%
56	10.993	786	788	789 rBV	213464	175638	4.69%	0.309%
57	11.028	789	791	793 rVB2	345700	404608	10.79%	0.711%
58	11.096	795	797	798 rBV	1157345	986349	26.31%	1.733%
59	11.176	802	804	805 rVB	433896	508281	13.56%	0.893%
60	11.211	805	807	810 rBV3	91617	162074	4.32%	0.285%
61	11.371	820	821	824 rBV2	183671	202142	5.39%	0.355%
62	11.622	839	843	845 rBV2	294840	564284	15.05%	0.991%
63	11.668	845	847	849 rVB	165386	234689	6.26%	0.412%
64	11.702	849	850	856 rVB	509966	979910	26.14%	1.722%
65	11.896	863	867	868 rBV2	140247	250840	6.69%	0.441%
66	12.148	887	889	890 rBV	425079	478074	12.75%	0.840%
67	12.182	890	892	895 rVV	317178	567721	15.15%	0.997%
68	12.228	895	896	901 rVV2	394085	544623	14.53%	0.957%
69	12.308	901	903	905 rVV	746348	1074795	28.67%	1.888%
70	12.354	905	907	909 rVV3	102791	162667	4.34%	0.286%
71	12.399	909	911	913 rVV	373721	391940	10.46%	0.689%

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72	12.445	913	915	916	rVV2	111567	162253	4.33%	0.285%
73	12.468	916	917	920	rVV	266983	317312	8.46%	0.557%
74	12.525	920	922	925	rVV	1846420	2158617	57.59%	3.792%
75	12.685	934	936	939	rVB	812075	1050567	28.03%	1.846%
76	12.754	939	942	945	rBV	334005	515302	13.75%	0.905%
77	12.856	947	951	953	rVB	503575	956692	25.52%	1.681%
78	12.925	955	957	959	rVV	386347	408715	10.90%	0.718%
79	12.959	959	960	964	rVB	550279	540401	14.42%	0.949%
80	13.051	964	968	969	rBV	600868	769477	20.53%	1.352%
81	13.085	969	971	973	rVB	453734	493833	13.17%	0.868%
82	13.268	985	987	989	rVB3	134293	251694	6.71%	0.442%
83	13.462	1002	1004	1006	rBV3	202370	395707	10.56%	0.695%
84	13.714	1023	1026	1033	rBV3	1567908	3748525	100.00%	6.586%
85	13.862	1037	1039	1045	rVB4	191582	386095	10.30%	0.678%
86	14.114	1058	1061	1062	rVB	298915	391288	10.44%	0.687%
87	14.137	1062	1063	1065	rVB	134824	184693	4.93%	0.324%
88	14.205	1066	1069	1070	rVV3	142714	249810	6.66%	0.439%
89	14.251	1070	1073	1075	rVB3	289961	549364	14.66%	0.965%
90	14.720	1111	1114	1118	rBV	860874	1661097	44.31%	2.918%
91	14.800	1120	1121	1124	rVV	281365	377538	10.07%	0.663%
92	14.971	1134	1136	1138	rBV	704401	808352	21.56%	1.420%
93	15.028	1138	1141	1143	rVV	1049904	1416510	37.79%	2.489%
94	15.074	1143	1145	1152	rVB2	909602	1451827	38.73%	2.551%
95	15.542	1185	1186	1189	rVB2	164294	195085	5.20%	0.343%
96	15.668	1195	1197	1203	rVB5	108740	210730	5.62%	0.370%
97	16.297	1249	1252	1256	rVB2	408222	733328	19.56%	1.288%
98	16.445	1262	1265	1267	rBV	93893	194042	5.18%	0.341%
99	16.663	1281	1284	1290	rVB	324699	617544	16.47%	1.085%
100	16.857	1299	1301	1307	rVB	91504	218891	5.84%	0.385%

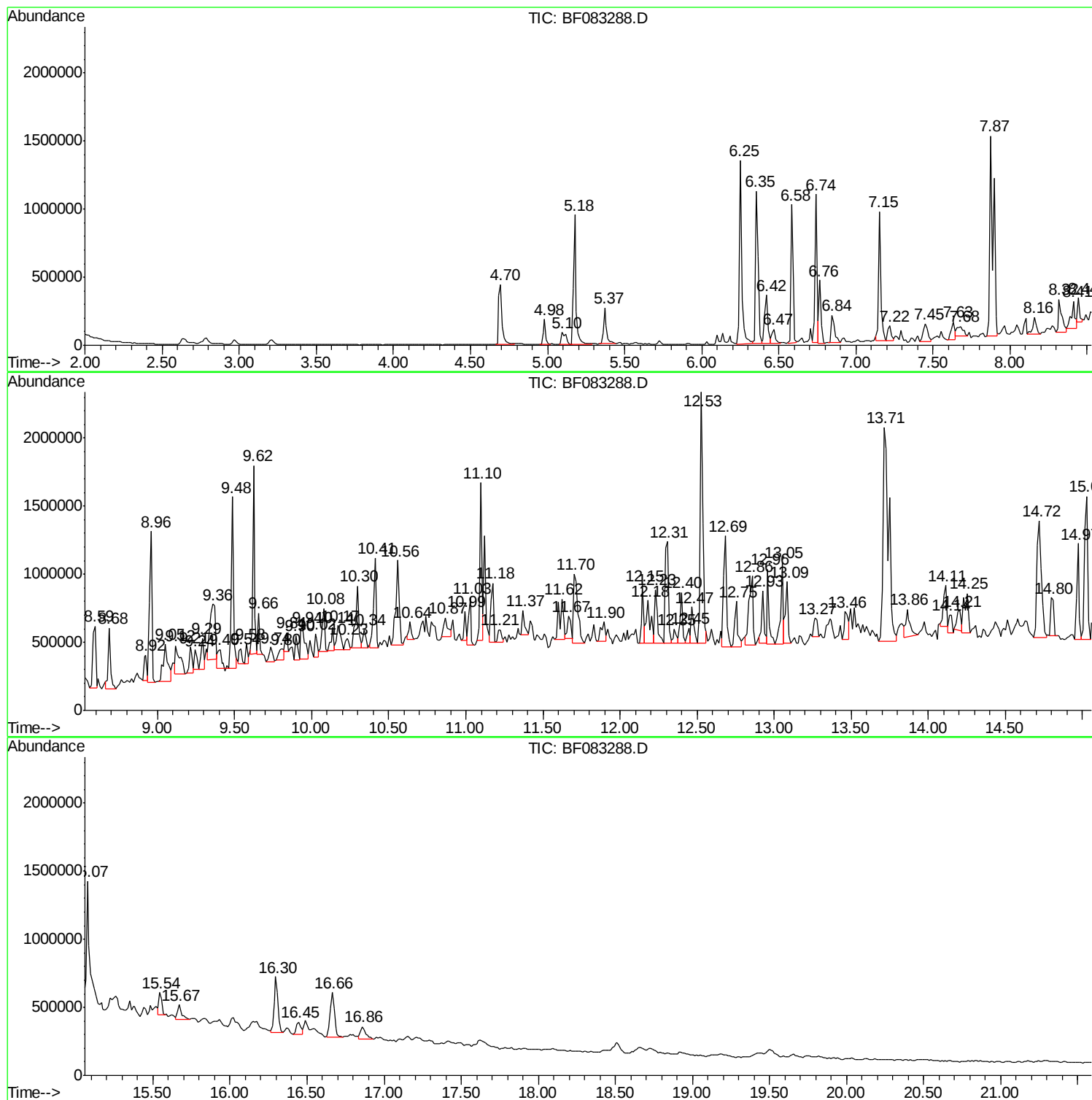
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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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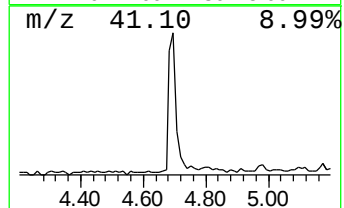
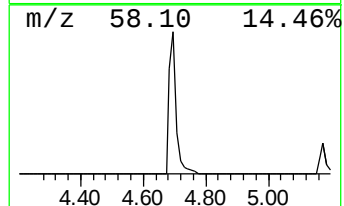
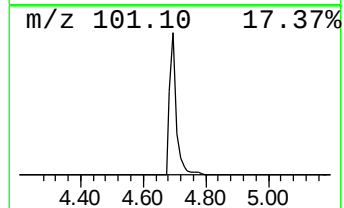
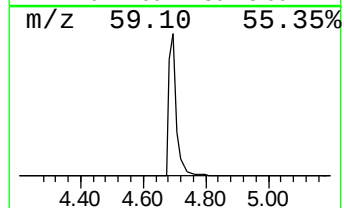
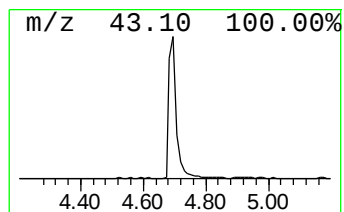
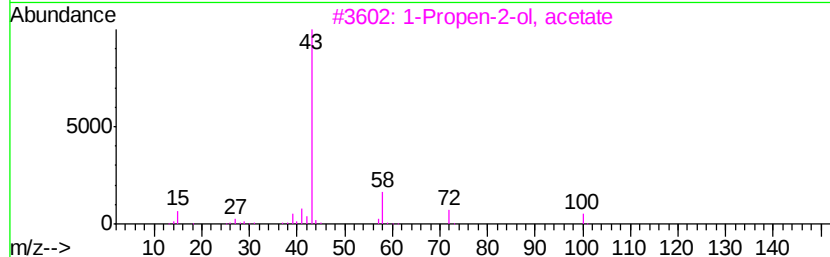
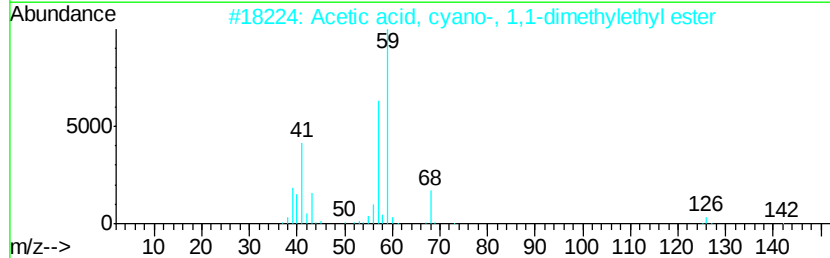
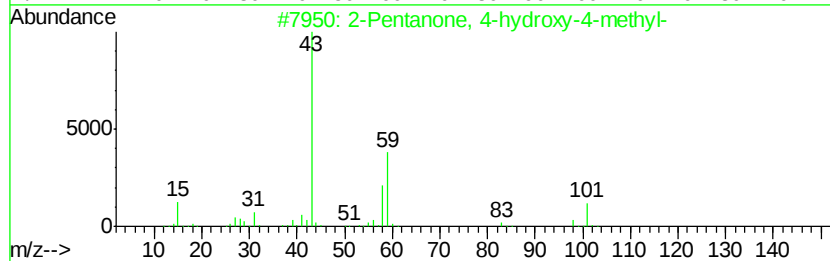
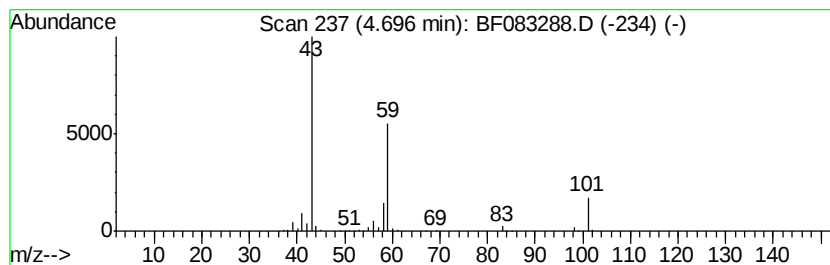
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	14.40 ng	728131	1,4-Dichlorobenzene-d4	6.58

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, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9



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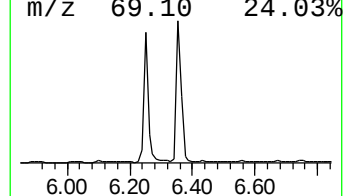
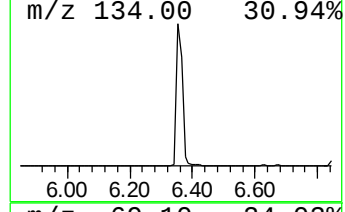
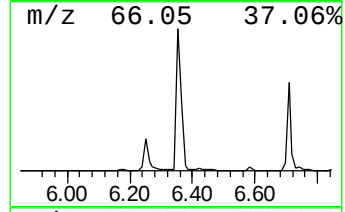
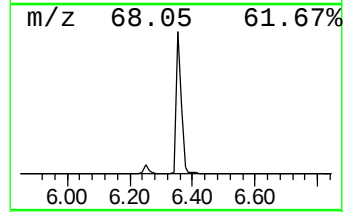
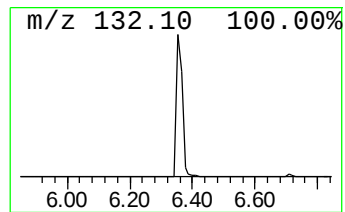
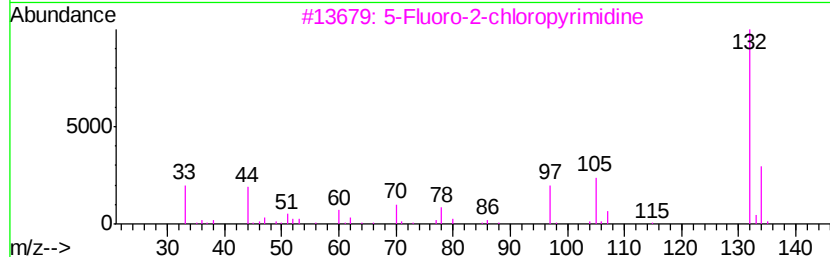
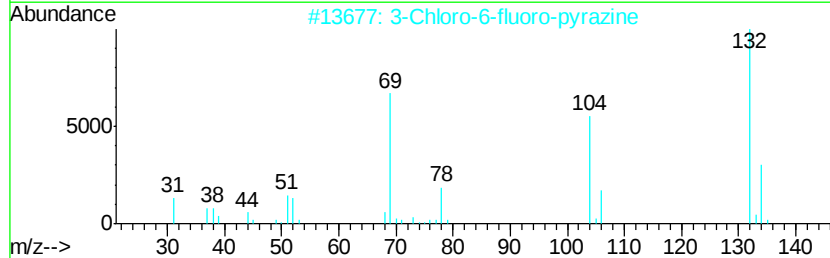
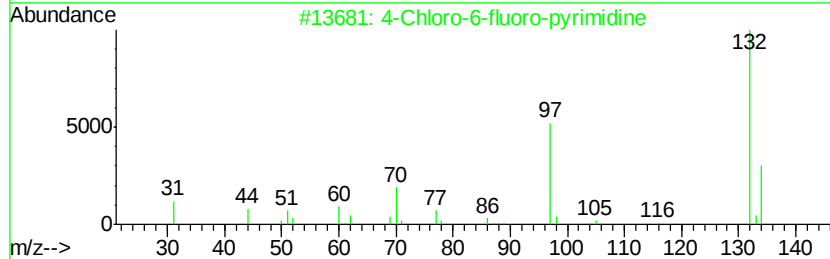
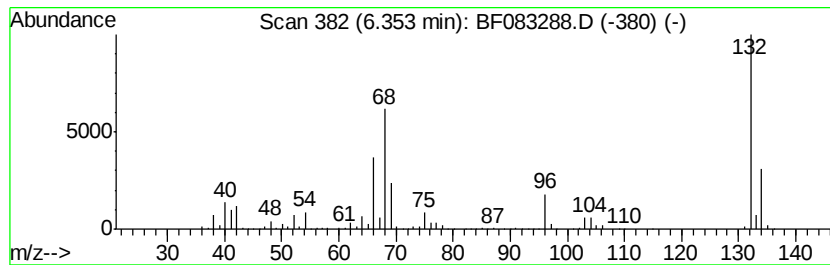
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	25.09 ng	1269250	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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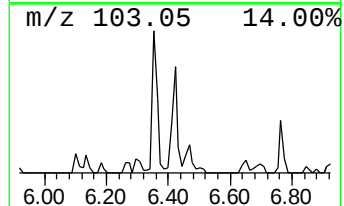
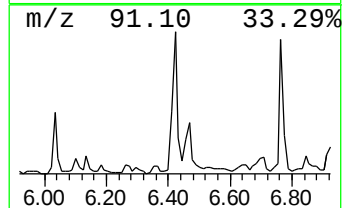
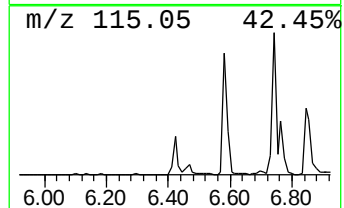
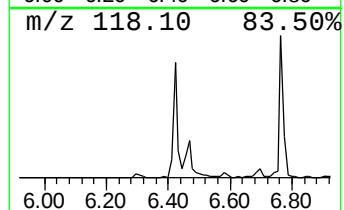
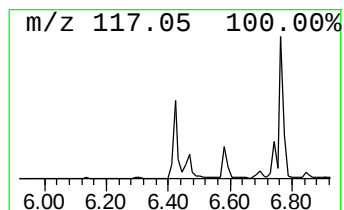
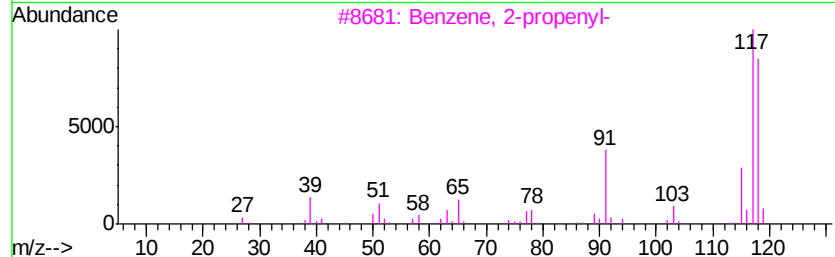
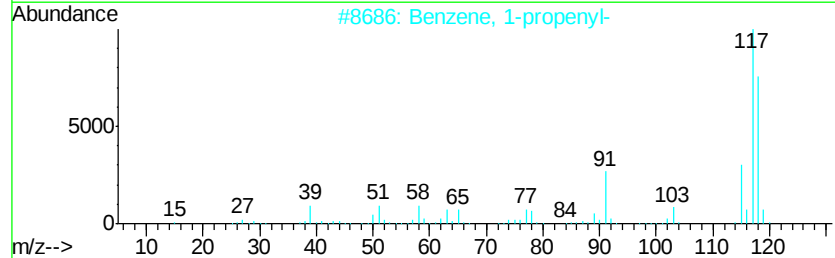
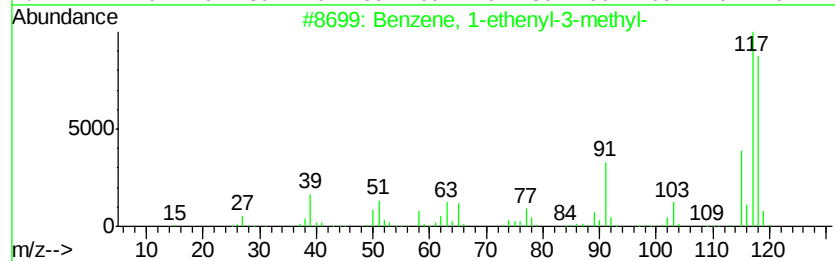
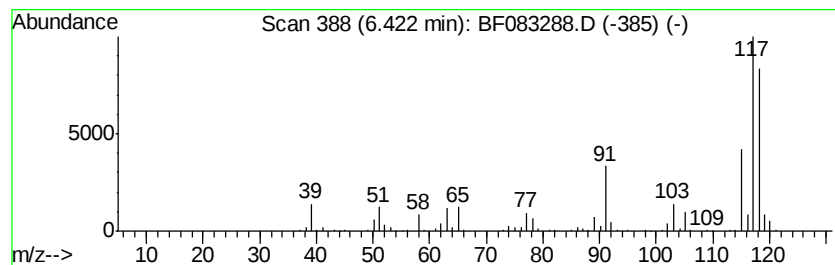
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	9.80 ng	495862	1,4-Dichlorobenzene-d4	6.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96	
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95	
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95	
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95	
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083288.D
Acq On : 25 Nov 2015 22:19
Operator : UM/IZ
Sample : G4567-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

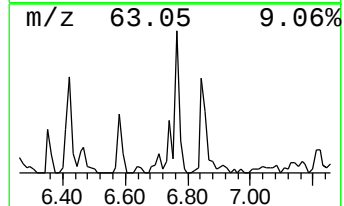
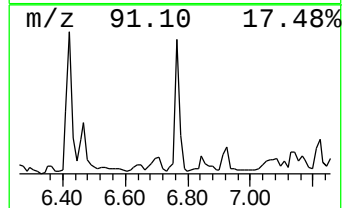
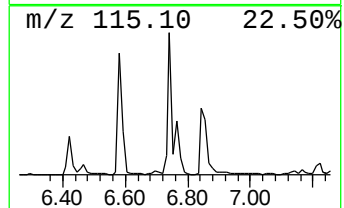
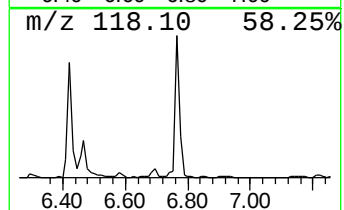
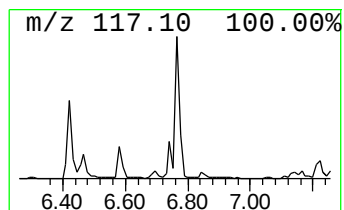
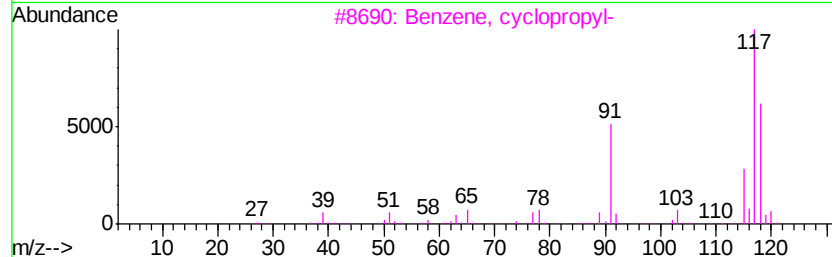
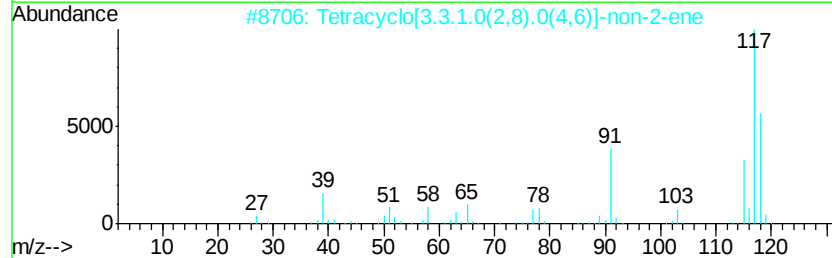
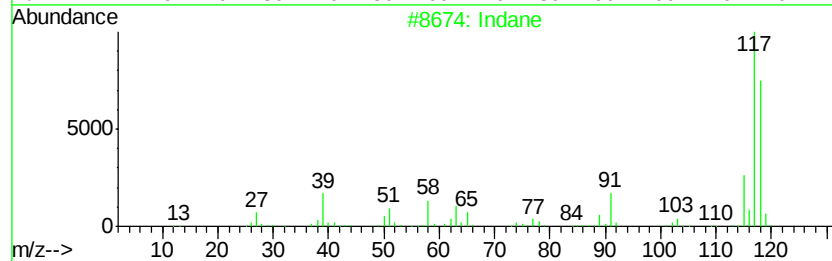
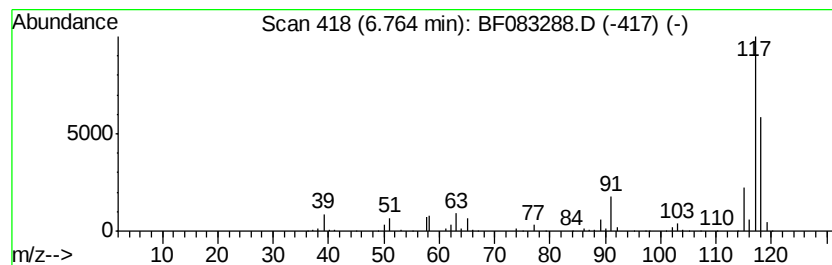
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE4

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.76	8.12 ng	410895	1,4-Dichlorobenzene-d4	6.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083288.D
Acq On : 25 Nov 2015 22:19
Operator : UM/IZ
Sample : G4567-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE4

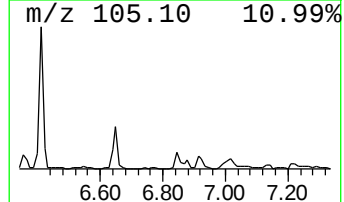
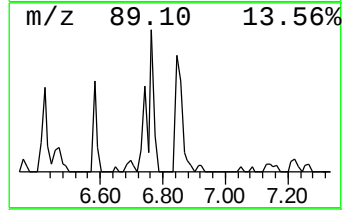
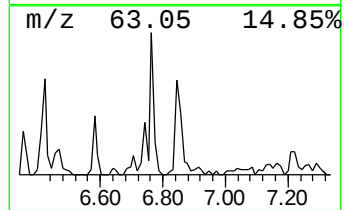
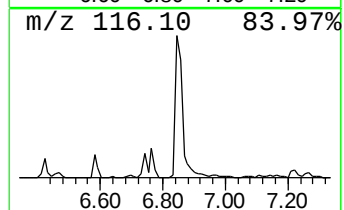
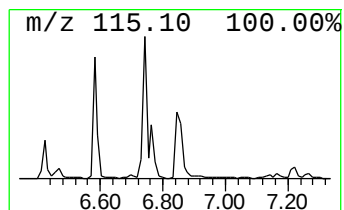
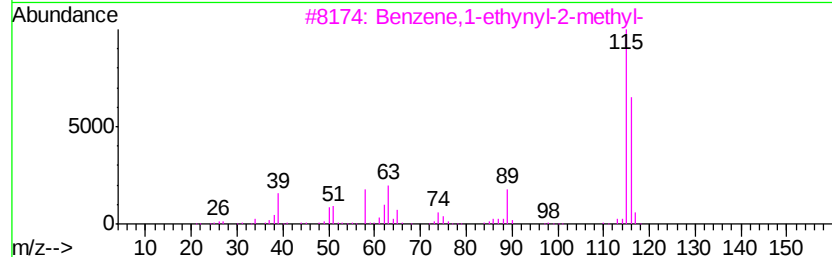
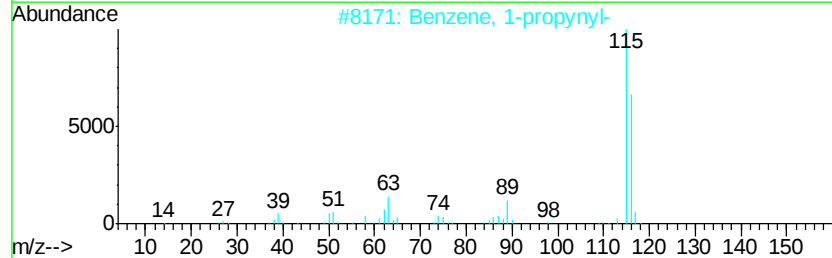
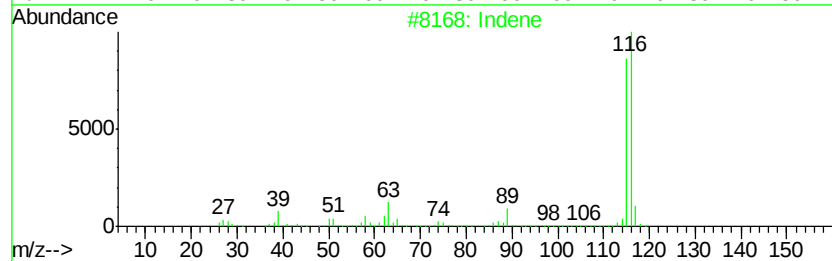
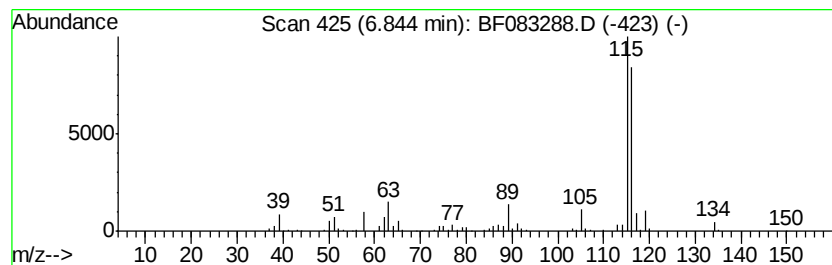
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	6.10 ng	308358	1,4-Dichlorobenzene-d4	6.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	91
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	87
3			Benzene, 1-ethynyl-2-methyl-	116	C9H8	000766-47-2	87
4			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	83
5			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083288.D
Acq On : 25 Nov 2015 22:19
Operator : UM/IZ
Sample : G4567-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE4

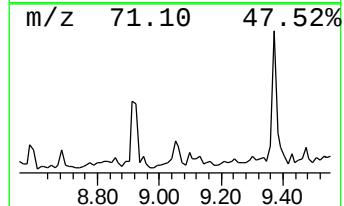
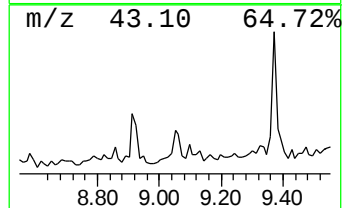
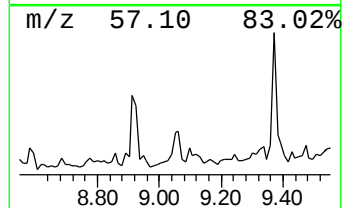
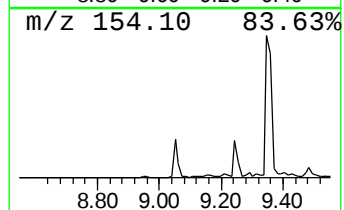
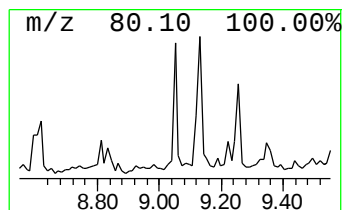
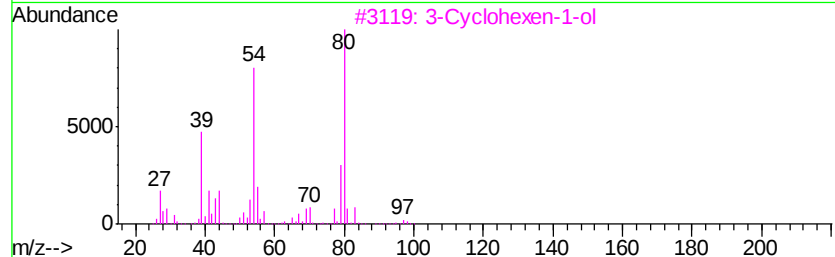
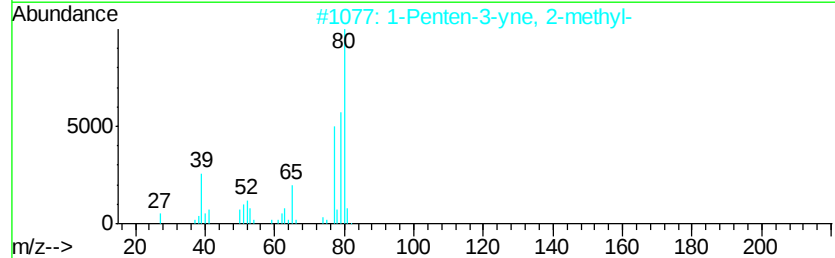
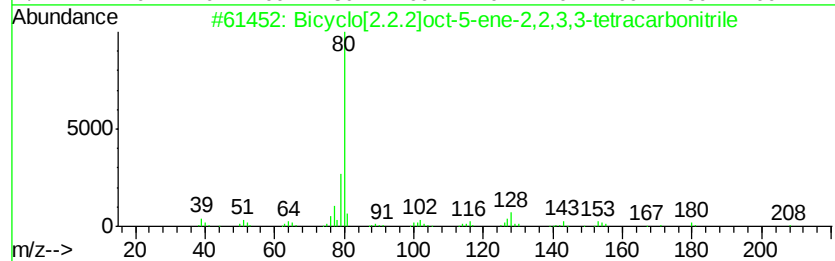
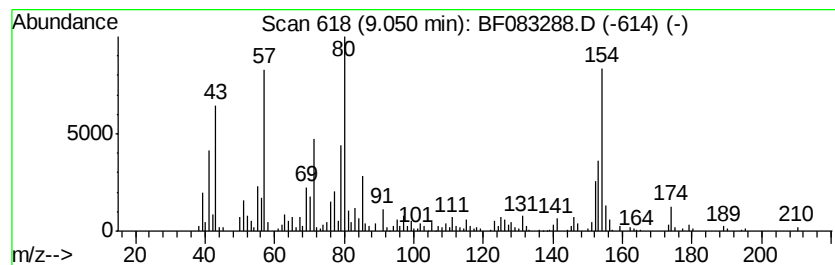
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bicyclo[2.2.2]oct-5-ene-2,2... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	9.55 ng	608210	Acenaphthene-d10	9.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.2]oct-5-ene-2,2,3,3-...	208	C12H8N4	001017-93-2	53
2			1-Penten-3-yne, 2-methyl-	80	C6H8	000926-55-6	49
3			3-Cyclohexen-1-ol	98	C6H10O	000822-66-2	49
4			Bicyclo[2.2.2]oct-5-en-2-ol	124	C8H12O	055320-40-6	47
5			Bicyclo[3.2.0]hept-2-ene, 2-methyl-	108	C8H12	094122-58-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083288.D
Acq On : 25 Nov 2015 22:19
Operator : UM/IZ
Sample : G4567-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STOCKPILE-COMPOSITE4

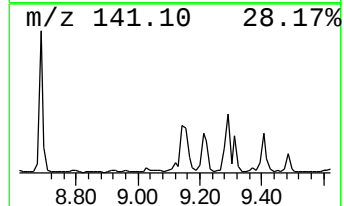
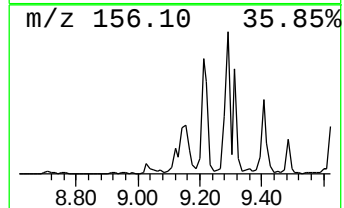
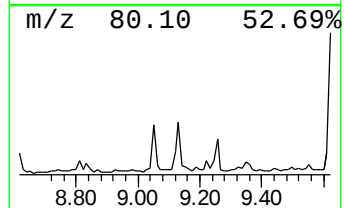
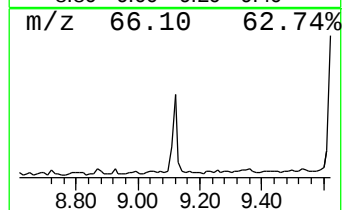
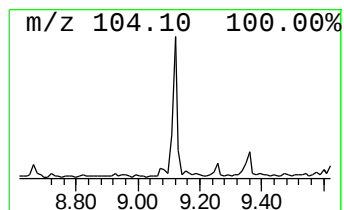
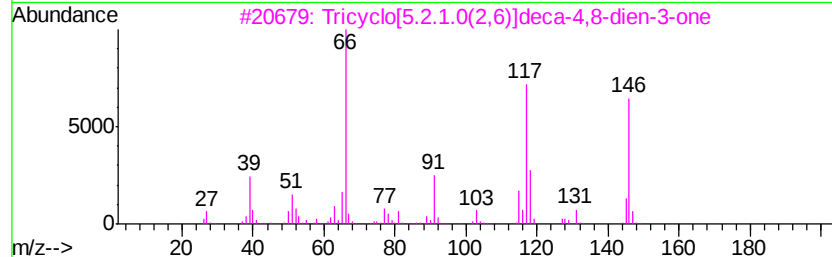
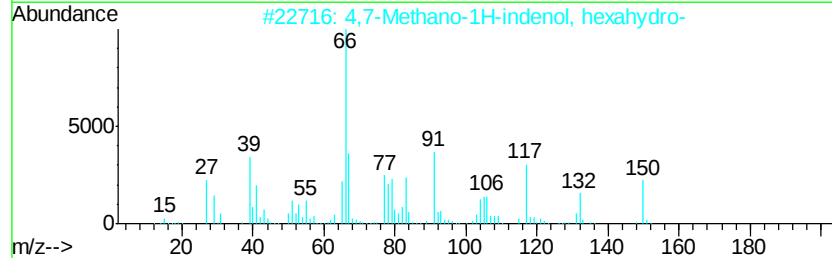
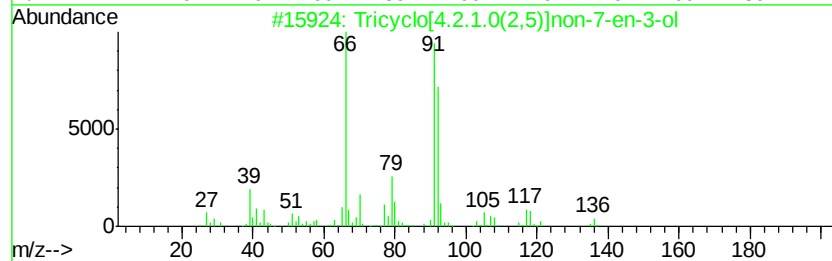
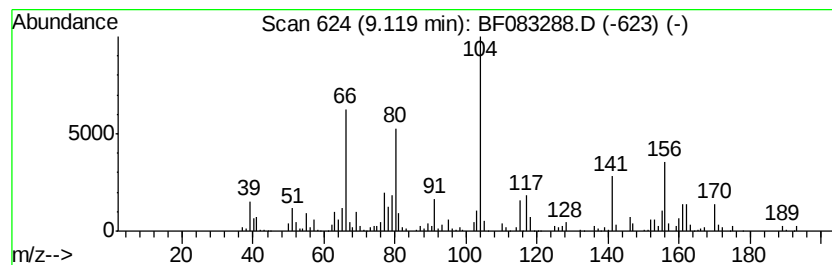
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.12 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	7.30 ng	465002	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.2.1.0(2,5)]non-7-en-3-ol	136	C9H12O	1000193-82-9	35
2		4,7-Methano-1H-indenol, hexahydro-	150	C10H14O	037275-49-3	35
3		Tricyclo[5.2.1.0(2,6)]deca-4,8-dien-3-one	146	C10H10O	1000191-03-2	35
4		Propanedinitrile	66	C3H2N2	000109-77-3	27
5		4-Pyridinemethanol, 3-hydroxy-2,...	153	C8H11NO2	004811-03-4	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083288.D
Acq On : 25 Nov 2015 22:19
Operator : UM/IZ
Sample : G4567-04 5X
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Instrument :
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ClientSampleId :
STOCKPILE-COMPOSITE4

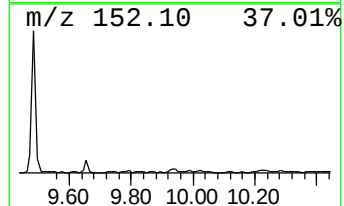
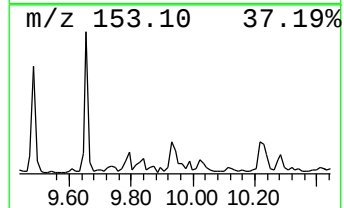
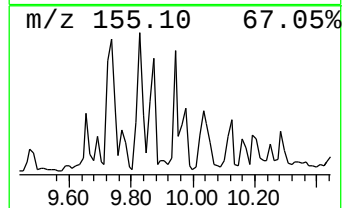
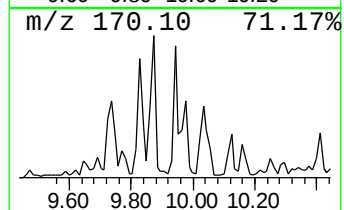
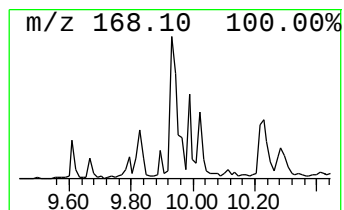
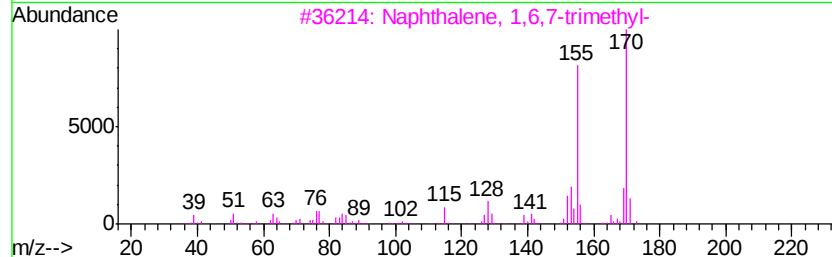
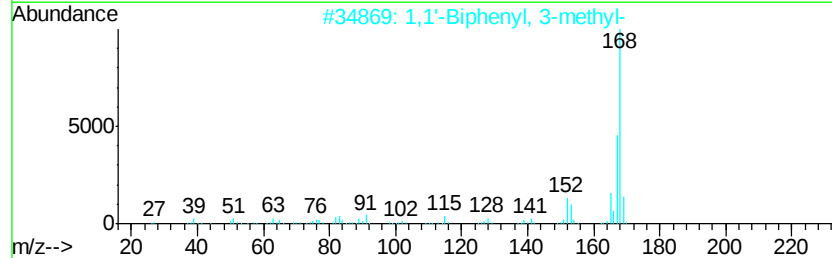
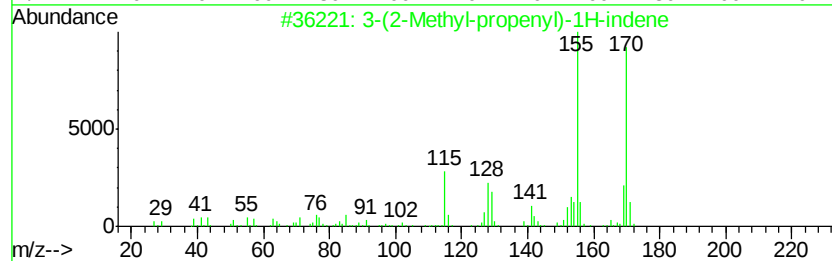
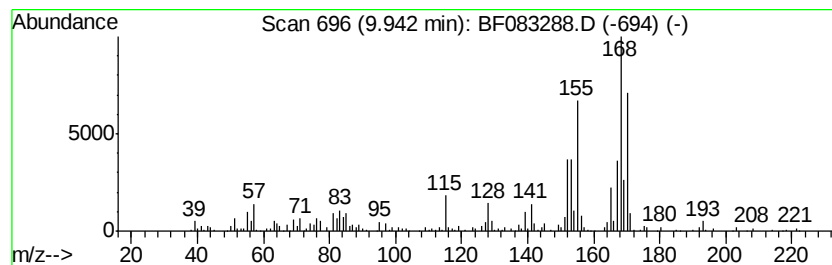
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	7.58 ng	483045	Acenaphthene-d10	9.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	55
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
4			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	46
5			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083288.D
Acq On : 25 Nov 2015 22:19
Operator : UM/IZ
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STOCKPILE-COMPOSITE4

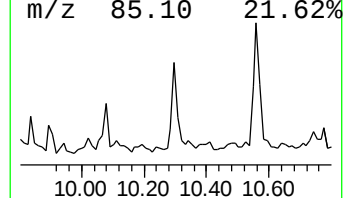
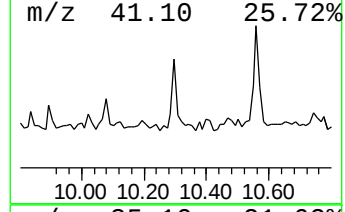
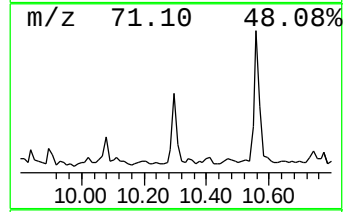
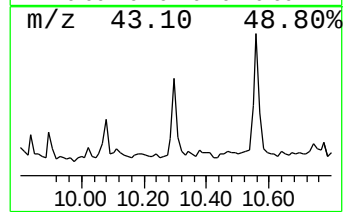
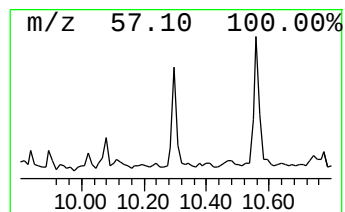
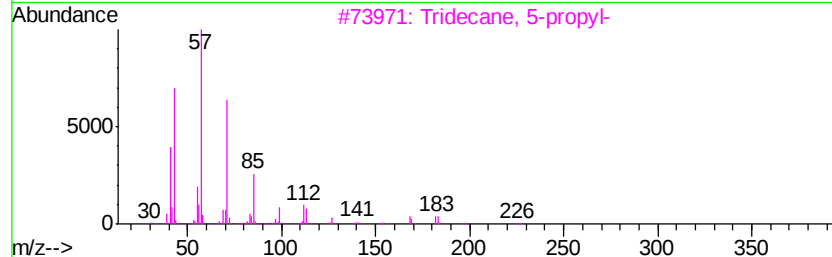
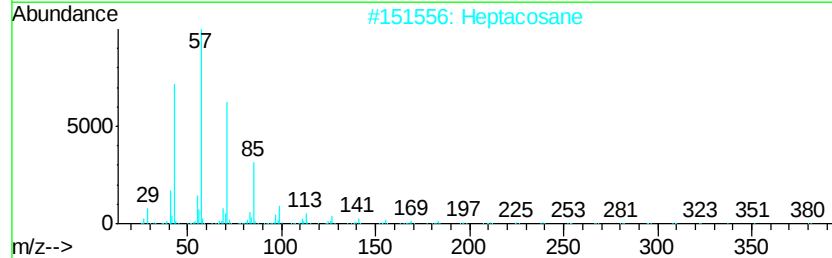
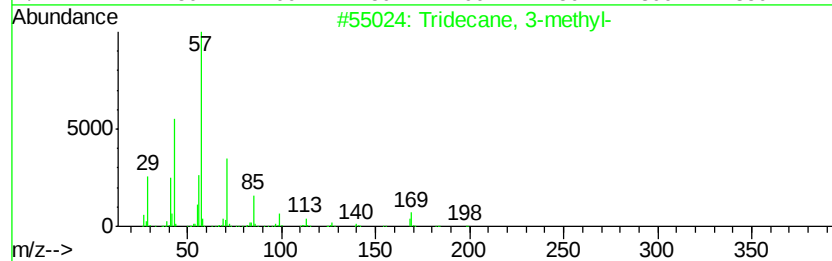
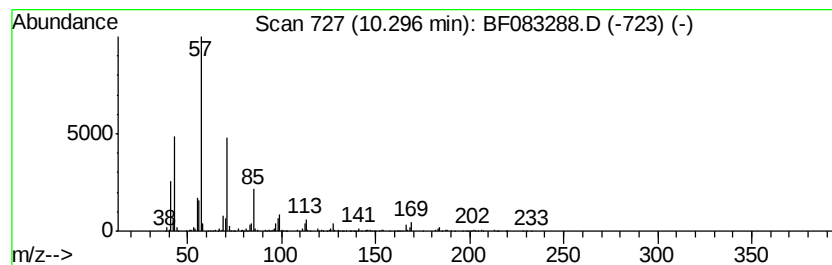
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	10.07 ng	641786	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	87
2		Heptacosane	380	C27H56	000593-49-7	80
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
5		Tridecane	184	C13H28	000629-50-5	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083288.D
Acq On : 25 Nov 2015 22:19
Operator : UM/IZ
Sample : G4567-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE4

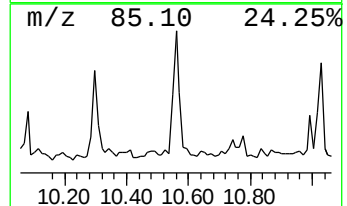
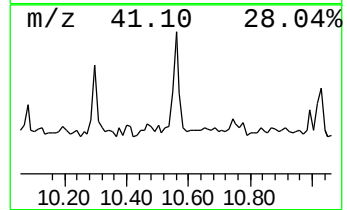
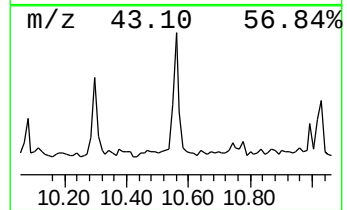
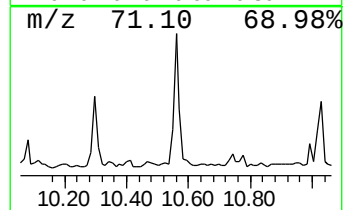
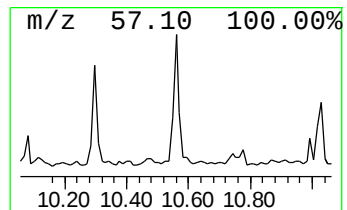
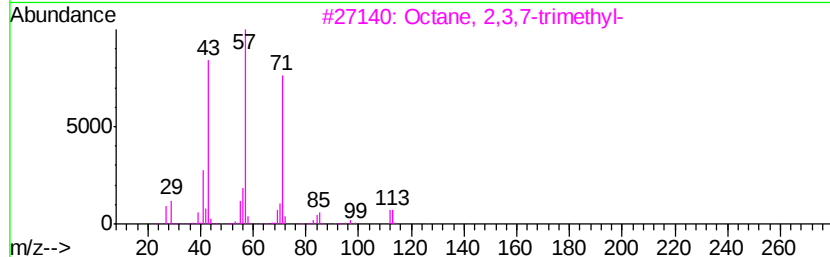
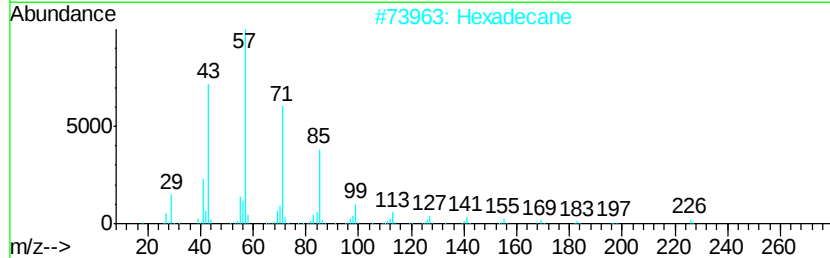
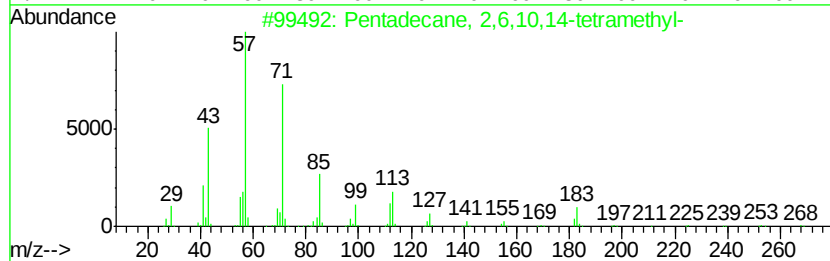
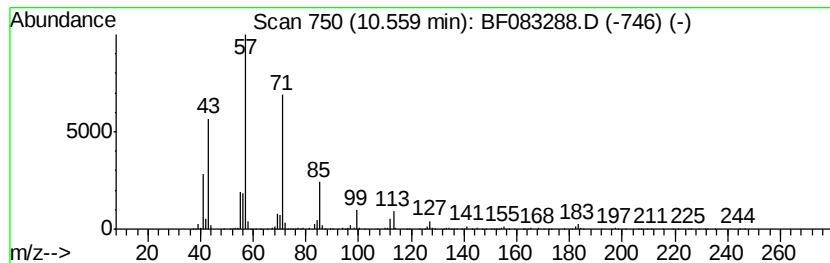
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	19.45 ng	959211	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2		Hexadecane	226	C16H34	000544-76-3	72
3		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
5		Decane, 5-propyl-	184	C13H28	017312-62-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083288.D
Acq On : 25 Nov 2015 22:19
Operator : UM/IZ
Sample : G4567-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE4

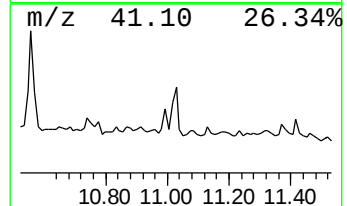
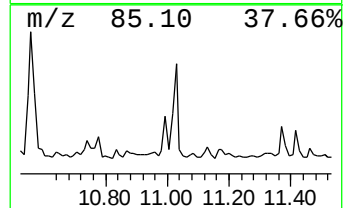
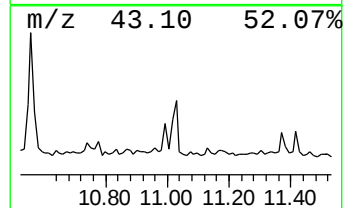
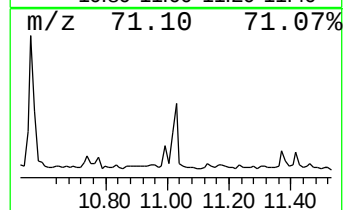
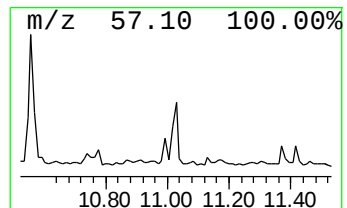
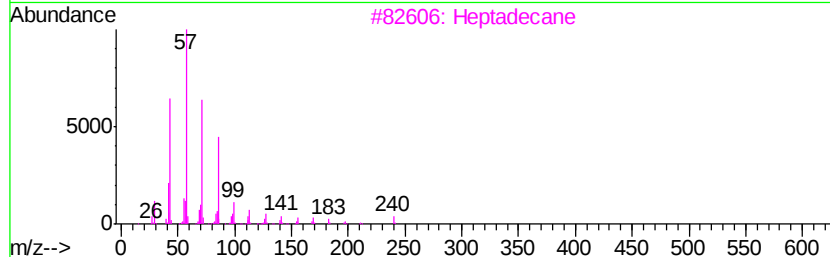
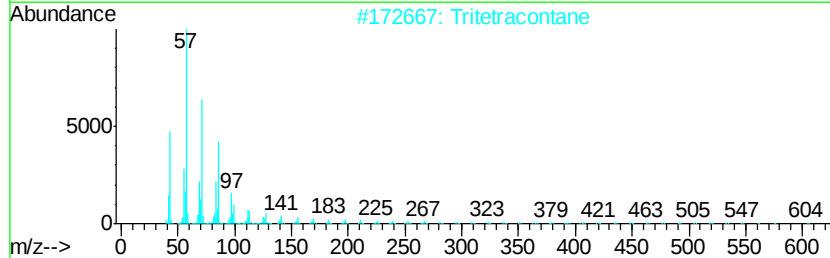
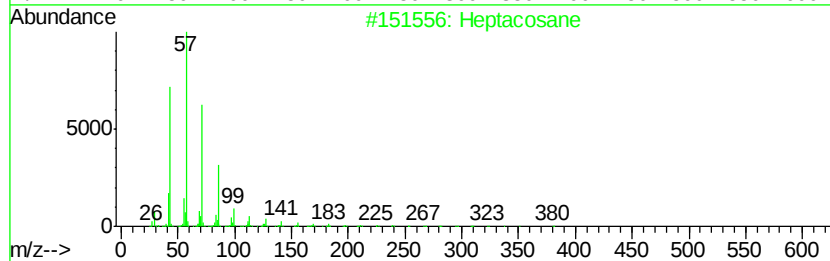
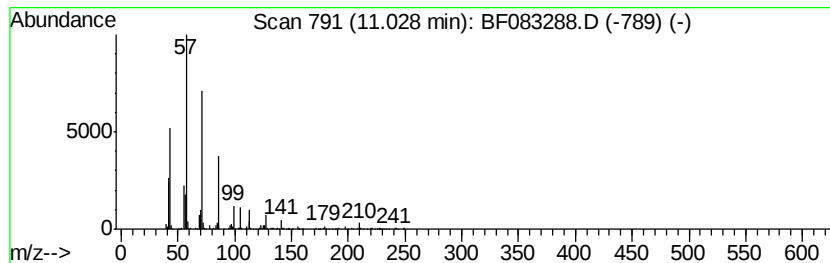
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	8.20 ng	404608	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	80
2		Tritetracontane	605	C43H88	007098-21-7	78
3		Heptadecane	240	C17H36	000629-78-7	78
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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Acq On : 25 Nov 2015 22:19
Operator : UM/IZ
Sample : G4567-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE4

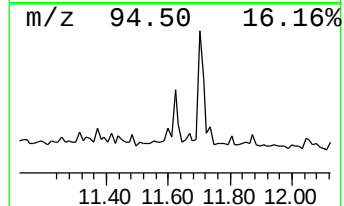
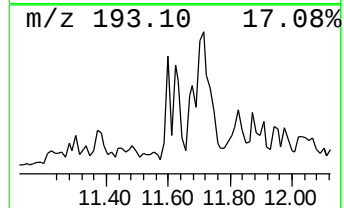
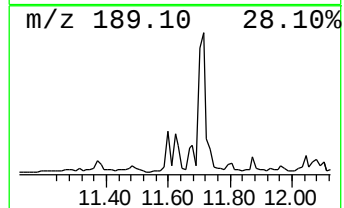
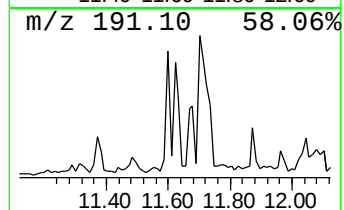
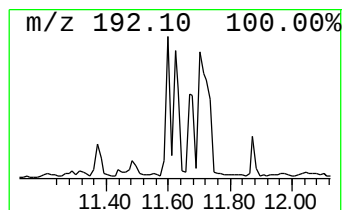
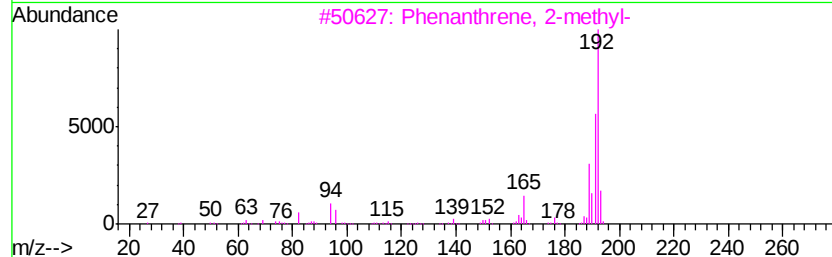
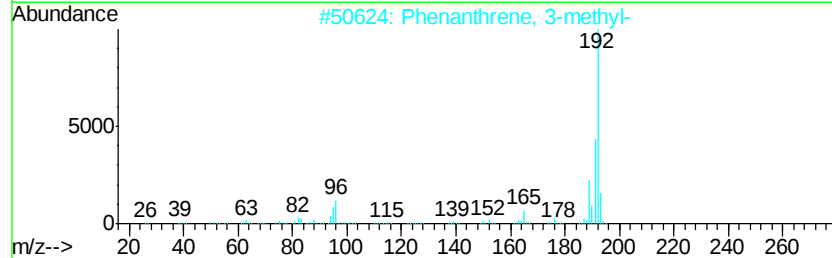
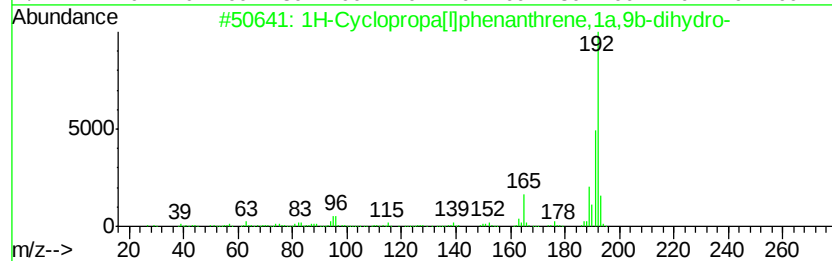
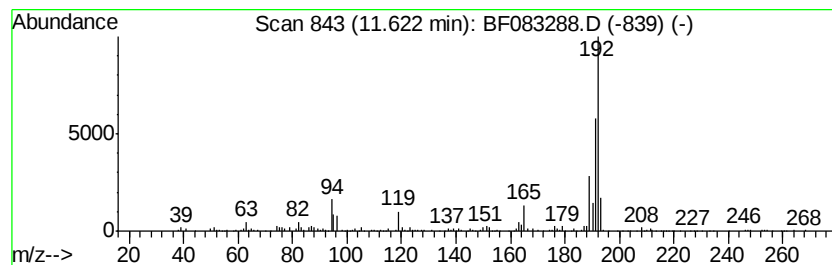
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	11.44 ng	564284	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083288.D
Acq On : 25 Nov 2015 22:19
Operator : UM/IZ
Sample : G4567-04 5X
Misc :
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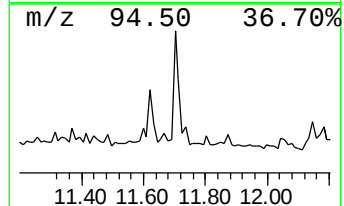
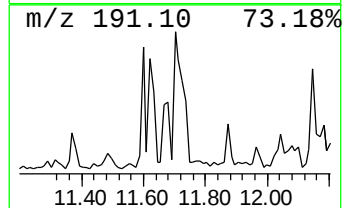
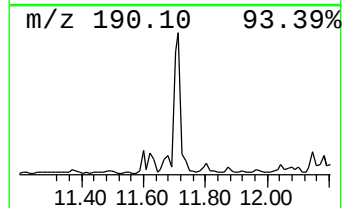
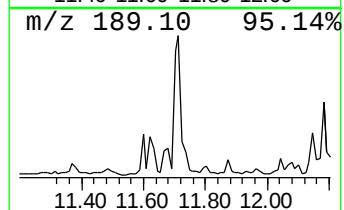
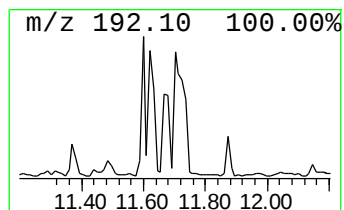
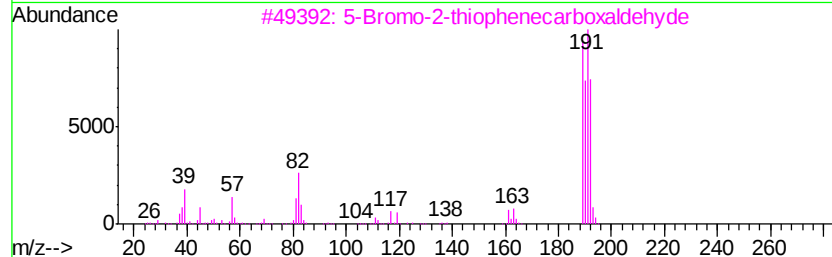
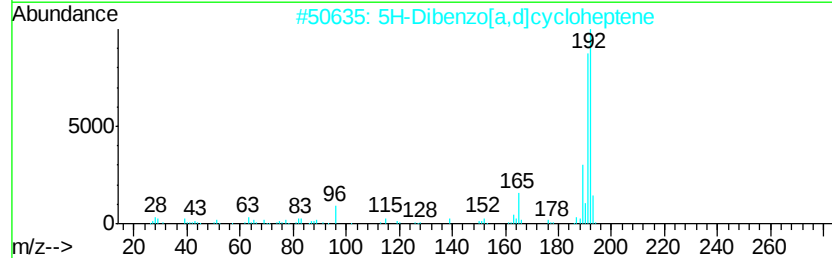
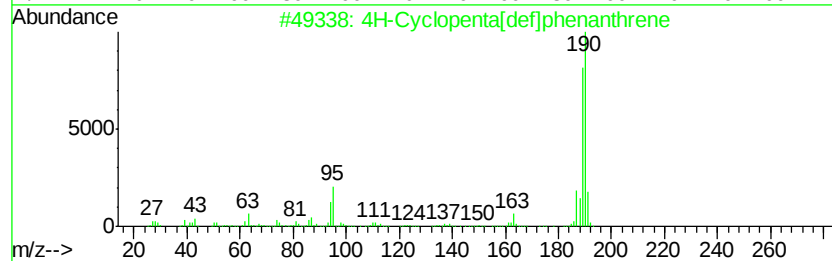
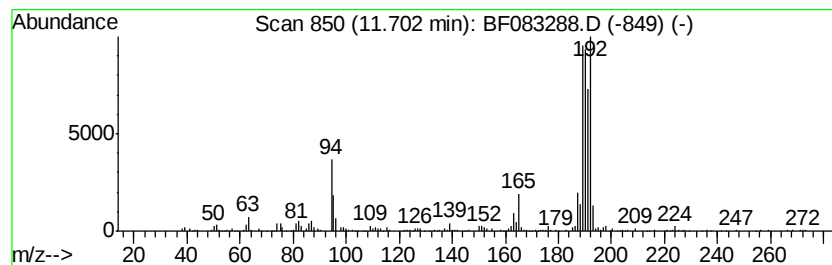
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STOCKPILE-COMPOSITE4

Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.70	19.87 ng	979910	Phenanthrene-d10		11.10	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
3		5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	49
4		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083288.D
Acq On : 25 Nov 2015 22:19
Operator : UM/IZ
Sample : G4567-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STOCKPILE-COMPOSITE4

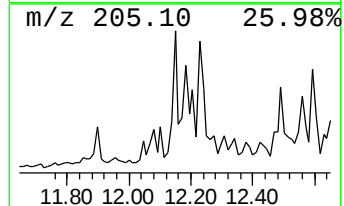
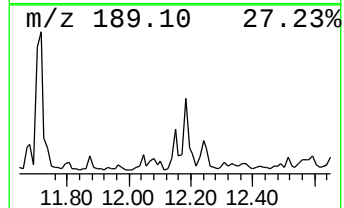
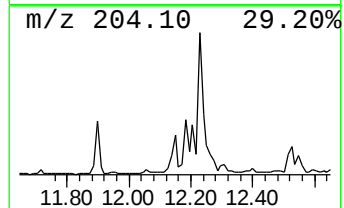
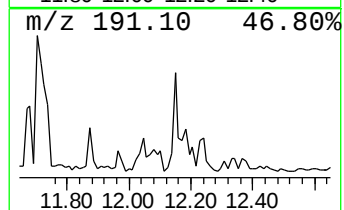
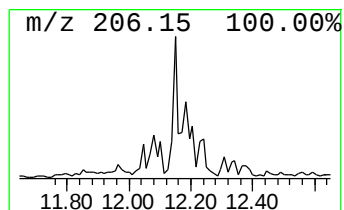
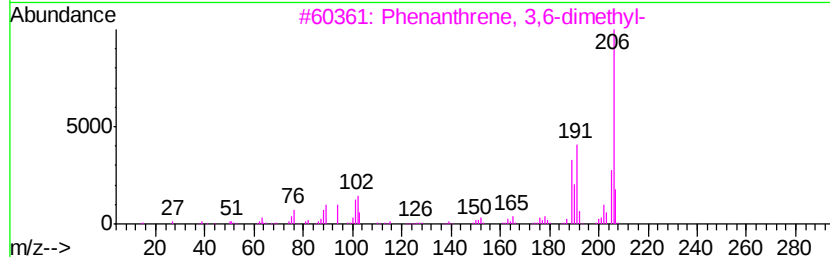
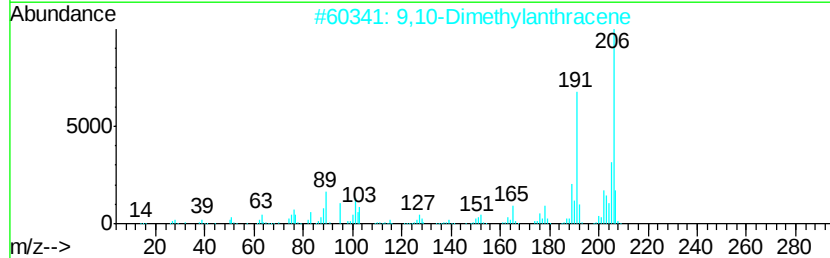
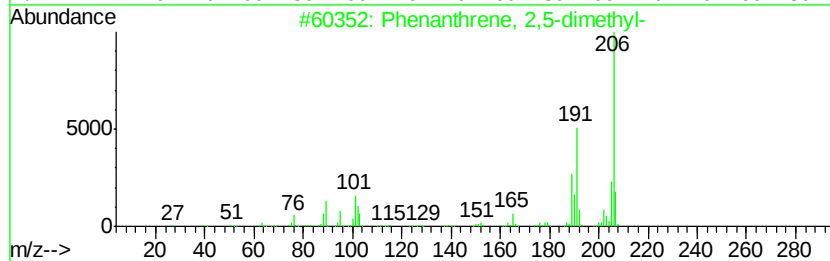
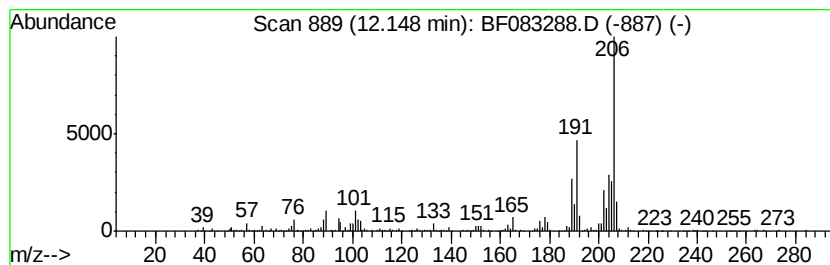
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	9.69 ng	478074	Phenanthrene-d10	11.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083288.D
Acq On : 25 Nov 2015 22:19
Operator : UM/IZ
Sample : G4567-04 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE4

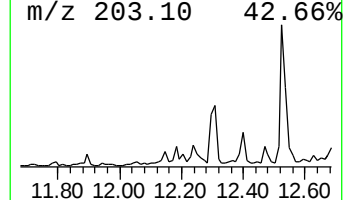
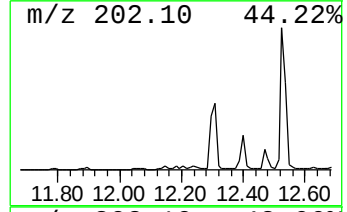
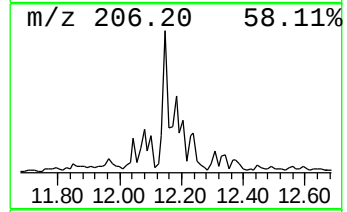
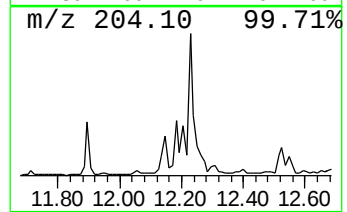
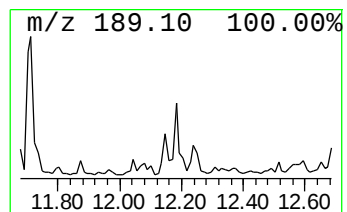
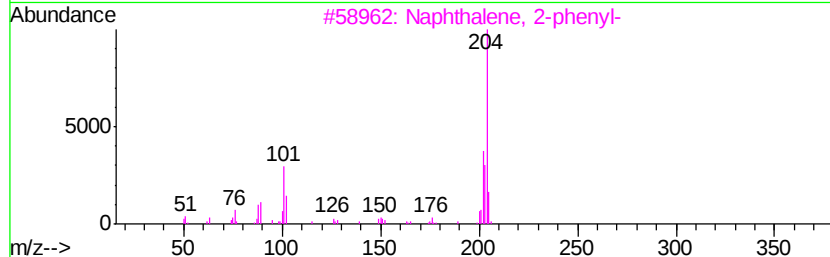
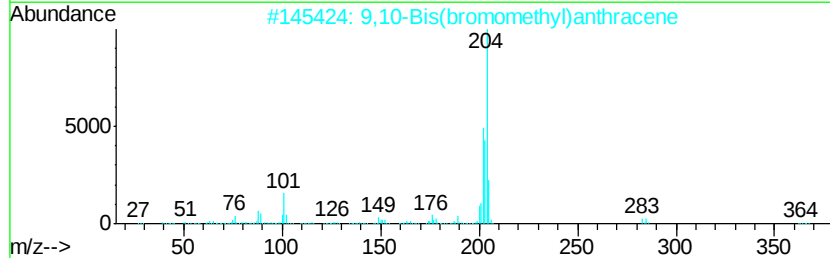
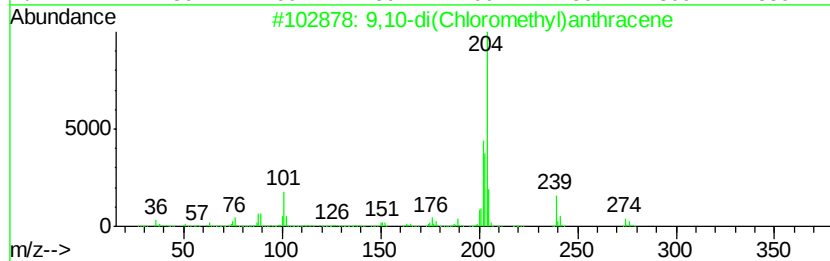
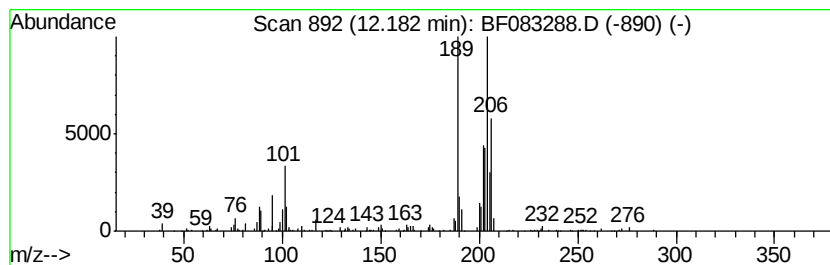
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown12.18 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	11.51 ng	567721	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	47
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
4		2-Phenyl-naphthalene	204	C16H12	035465-71-5	41
5		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083288.D
Acq On : 25 Nov 2015 22:19
Operator : UM/IZ
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-COMPOSITE4

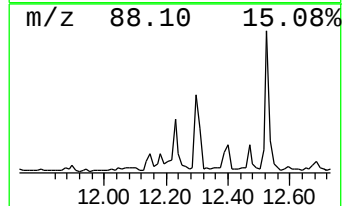
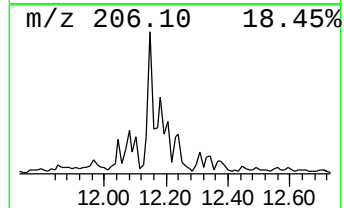
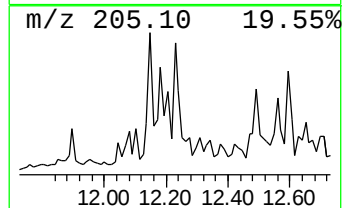
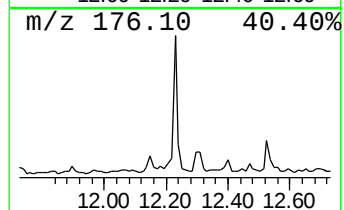
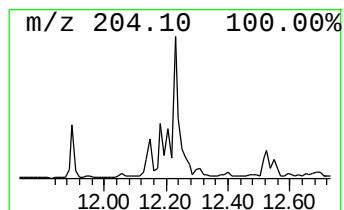
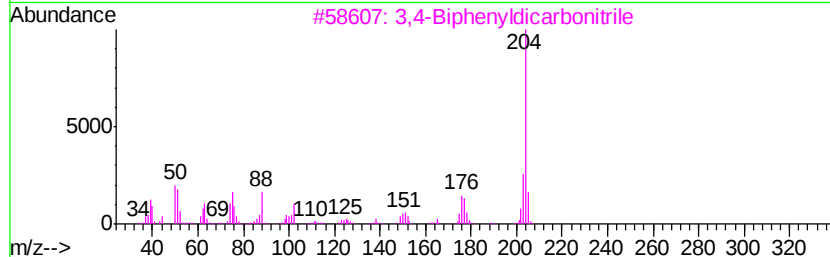
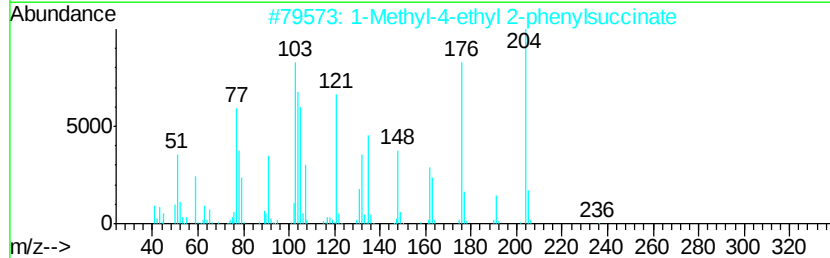
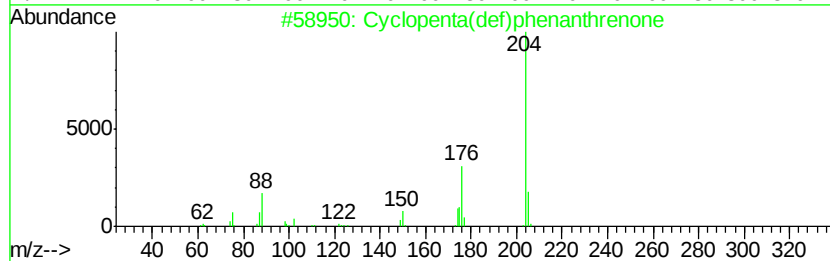
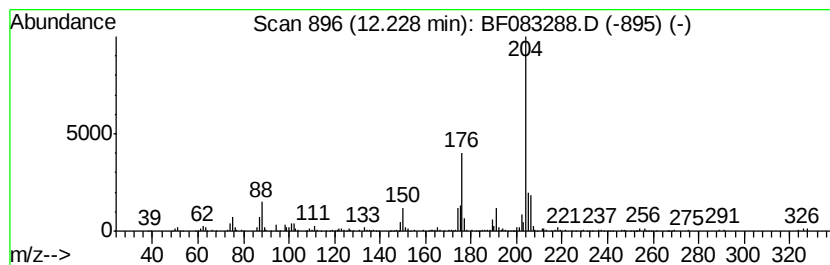
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	11.04 ng	544623	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	59
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	49
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083288.D
 Acq On : 25 Nov 2015 22:19
 Operator : UM/IZ
 Sample : G4567-04 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-COMPOSITE4

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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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					#	RT	Resp	Conc
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unknown6.35	6.35	25.1	ng	1269250	1	6.58	1011570	20.0
Benzene, 1-etheny...	6.42	9.8	ng	495862	1	6.58	1011570	20.0
Indane	6.76	8.1	ng	410895	1	6.58	1011570	20.0
Indene	6.84	6.1	ng	308358	1	6.58	1011570	20.0
Bicyclo[2.2.2]oct...	9.05	9.6	ng	608210	3	9.62	1274070	20.0
unknown9.12	9.12	7.3	ng	465002	3	9.62	1274070	20.0
3-(2-Methyl-prope...	9.94	7.6	ng	483045	3	9.62	1274070	20.0
Tridecane, 3-methyl-	10.30	10.1	ng	641786	3	9.62	1274070	20.0
Pentadecane, 2,6,...	10.56	19.4	ng	959211	4	11.10	986349	20.0
Heptacosane	11.03	8.2	ng	404608	4	11.10	986349	20.0
1H-Cyclopropa[1]p...	11.62	11.4	ng	564284	4	11.10	986349	20.0
4H-Cyclopenta[def...	11.70	19.9	ng	979910	4	11.10	986349	20.0
Phenanthrene, 2,5...	12.15	9.7	ng	478074	4	11.10	986349	20.0
unknown12.18	12.18	11.5	ng	567721	4	11.10	986349	20.0
Cyclopenta(def)ph...	12.23	11.0	ng	544623	4	11.10	986349	20.0