

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081829.D
 Acq On : 26 Sep 2015 15:55
 Operator : UM/IZ
 Sample : G3754-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11B

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-BF092415.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	3.943	156	158	161	rVB	68198	89544	2.62%	0.160%
2	5.131	259	262	264	rVB	457016	559816	16.39%	0.997%
3	5.531	293	297	299	rBV2	1779644	1924182	56.33%	3.428%
4	5.771	316	318	320	rVB	199425	172728	5.06%	0.308%
5	6.457	376	378	380	rBV	458819	383674	11.23%	0.684%
6	6.491	380	381	383	rVV	108115	82390	2.41%	0.147%
7	6.549	384	386	389	rVV	855595	1011730	29.62%	1.803%
8	6.697	397	399	402	rBV	2025825	2410670	70.57%	4.295%
9	6.766	402	405	407	rVV2	173607	235123	6.88%	0.419%
10	6.937	418	420	421	rBV	912255	745662	21.83%	1.329%
11	6.960	421	422	424	rVV	341291	399400	11.69%	0.712%
12	6.994	424	425	429	rVV2	166239	205959	6.03%	0.367%
13	7.097	431	434	435	rVV	2461820	2476904	72.51%	4.413%
14	7.200	439	443	445	rVB2	272940	390623	11.43%	0.696%
15	7.509	465	470	471	rBV	1463106	2063577	60.41%	3.677%
16	7.577	475	476	479	rVB	266845	218970	6.41%	0.390%
17	7.863	499	501	503	rVV	124175	128778	3.77%	0.229%
18	7.966	503	510	512	rVV3	499127	1312621	38.43%	2.339%
19	8.000	512	513	517	rVV2	624780	620901	18.18%	1.106%
20	8.183	525	529	531	rVV3	46633	145597	4.26%	0.259%
21	8.252	531	535	536	rVV2	861548	2045765	59.89%	3.645%
22	8.583	560	564	566	rBV2	68260	132723	3.89%	0.236%
23	8.652	569	570	572	rVV	108068	141578	4.14%	0.252%
24	8.732	574	577	579	rVV2	60102	123823	3.62%	0.221%
25	8.857	586	588	590	rVV3	47461	102400	3.00%	0.182%
26	8.937	593	595	597	rVV	753633	683730	20.02%	1.218%
27	8.972	597	598	602	rVB2	140975	214433	6.28%	0.382%
28	9.040	602	604	606	rBV	617246	608120	17.80%	1.083%
29	9.132	610	612	614	rBV	187406	301932	8.84%	0.538%
30	9.223	619	620	622	rVV	102321	86233	2.52%	0.154%
31	9.303	624	627	629	rVV	3723560	3416034	100.00%	6.086%
32	9.406	634	636	640	rVB2	80235	127347	3.73%	0.227%
33	9.497	642	644	648	rVV	437852	518708	15.18%	0.924%
34	9.555	648	649	652	rVV2	116979	184862	5.41%	0.329%

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35	9.635	654	656	657 rVV	239380	246136	7.21%	0.439%
36	9.669	657	659	660 rVV	165445	212945	6.23%	0.379%
37	9.692	660	661	663 rVV2	248258	305484	8.94%	0.544%
38	9.749	663	666	669 rVV2	166769	325208	9.52%	0.579%
39	9.818	671	672	677 rVB2	559864	920620	26.95%	1.640%
40	9.978	683	686	688 rBV2	978279	1187223	34.75%	2.115%
41	10.012	688	689	691 rVV	582624	463624	13.57%	0.826%
42	10.080	693	695	698 rBV	120665	193130	5.65%	0.344%
43	10.138	698	700	701 rVV2	61823	95733	2.80%	0.171%
44	10.195	701	705	708 rVB2	789559	1615206	47.28%	2.878%
45	10.298	711	714	717 rBV3	222347	414570	12.14%	0.739%
46	10.343	717	718	719 rVB	123001	84317	2.47%	0.150%
47	10.378	719	721	724 rVB	403166	463246	13.56%	0.825%
48	10.435	724	726	727 rBV	187487	150513	4.41%	0.268%
49	10.469	727	729	730 rBV	583665	549491	16.09%	0.979%
50	10.526	730	734	736 rVB	235948	279085	8.17%	0.497%
51	10.595	736	740	742 rBV3	92299	213095	6.24%	0.380%
52	10.720	748	751	752 rVB3	63947	81132	2.38%	0.145%
53	10.766	752	755	757 rBV2	1641843	2119055	62.03%	3.776%
54	10.846	759	762	764 rVB	216916	348083	10.19%	0.620%
55	10.892	764	766	768 rVB2	106193	122751	3.59%	0.219%
56	10.938	768	770	772 rBV2	102397	158725	4.65%	0.283%
57	11.040	775	779	780 rBV2	144333	297901	8.72%	0.531%
58	11.132	785	787	788 rVV2	149634	171901	5.03%	0.306%
59	11.166	788	790	791 rVB	163743	180539	5.29%	0.322%
60	11.281	796	800	801 rBV2	401649	586594	17.17%	1.045%
61	11.326	801	804	808 rVB5	112095	215491	6.31%	0.384%
62	11.463	815	816	818 rBV	803024	1404673	41.12%	2.503%
63	11.498	818	819	820 rVB	809144	554668	16.24%	0.988%
64	11.543	820	823	825 rVB	250351	257128	7.53%	0.458%
65	11.726	837	839	840 rBV2	63426	95069	2.78%	0.169%
66	11.841	846	849	852 rBV3	75325	193019	5.65%	0.344%
67	12.001	859	863	864 rBV	456154	743208	21.76%	1.324%
68	12.046	864	867	868 rVV	143693	215200	6.30%	0.383%
69	12.103	868	872	874 rVV	854321	1053773	30.85%	1.878%
70	12.172	876	878	879 rVV	161707	235673	6.90%	0.420%
71	12.195	879	880	882 rVV2	128935	186433	5.46%	0.332%

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72	12.263	884	886	888	rVV2	157175	242428	7.10%	0.432%
73	12.332	888	892	896	rVV2	85099	242827	7.11%	0.433%
74	12.412	897	899	902	rVV	1513711	1717491	50.28%	3.060%
75	12.515	905	908	910	rVV4	118155	286518	8.39%	0.510%
76	12.549	910	911	912	rVV	110046	138331	4.05%	0.246%
77	12.572	912	913	915	rVV	456217	481735	14.10%	0.858%
78	12.652	918	920	921	rVV	312500	366255	10.72%	0.653%
79	12.686	921	923	925	rVV2	166958	288383	8.44%	0.514%
80	12.721	925	926	929	rVV2	360570	381056	11.15%	0.679%
81	12.778	929	931	932	rVV	135325	153654	4.50%	0.274%
82	12.846	935	937	940	rVV3	104719	220052	6.44%	0.392%
83	12.915	940	943	946	rVV2	312215	563044	16.48%	1.003%
84	12.972	946	948	950	rVV	319153	339601	9.94%	0.605%
85	13.018	950	952	953	rVV2	103077	157236	4.60%	0.280%
86	13.064	953	956	958	rVV	2443371	3198415	93.63%	5.699%
87	13.121	959	961	964	rVV	159459	196995	5.77%	0.351%
88	13.189	965	967	969	rVV	847942	762493	22.32%	1.359%
89	13.258	969	973	976	rVV4	64245	163912	4.80%	0.292%
90	13.304	976	977	979	rVV2	60251	108971	3.19%	0.194%
91	13.338	979	980	984	rVB3	97355	133110	3.90%	0.237%
92	13.441	987	989	994	rVB3	217962	426906	12.50%	0.761%
93	13.555	998	999	1003	rVB2	83041	144073	4.22%	0.257%
94	13.646	1003	1007	1009	rBV5	42771	93879	2.75%	0.167%
95	13.864	1025	1026	1032	rVB3	118300	203614	5.96%	0.363%
96	13.944	1032	1033	1035	rVB	129428	127611	3.74%	0.227%
97	14.104	1045	1047	1049	rBV	668628	891693	26.10%	1.589%
98	14.252	1058	1060	1064	rVB2	47962	112921	3.31%	0.201%
99	15.578	1173	1176	1179	rBV	603387	748419	21.91%	1.333%
100	17.133	1307	1312	1318	rBV	938659	2026746	59.33%	3.611%

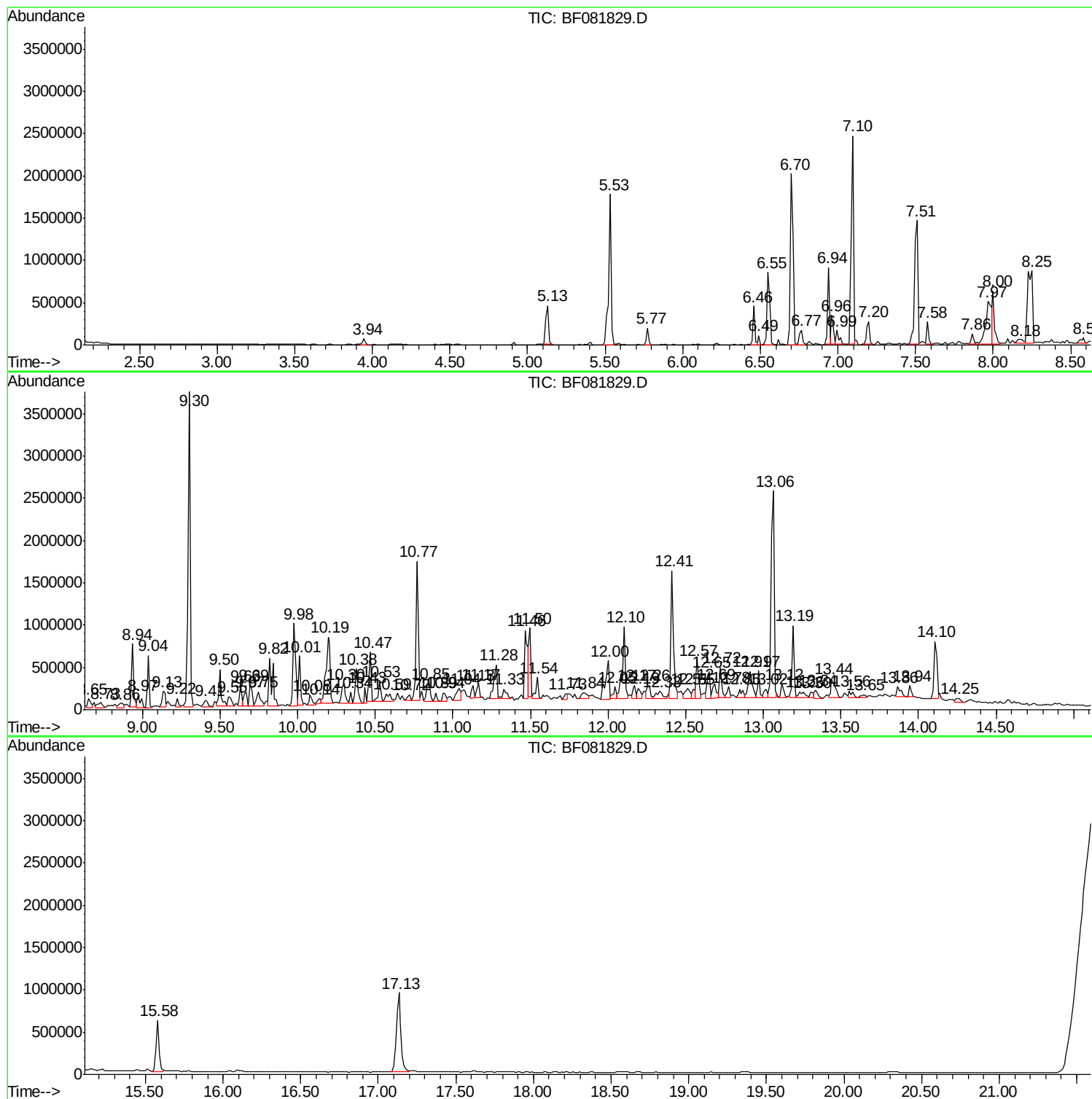
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Instrument :
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ClientSampled :
MW-11B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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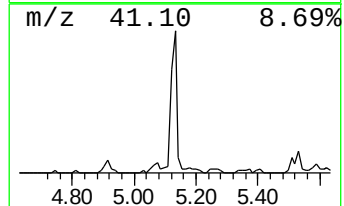
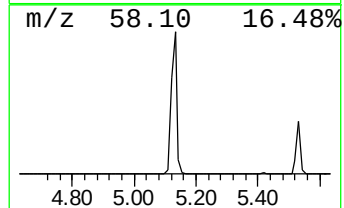
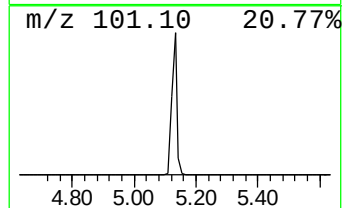
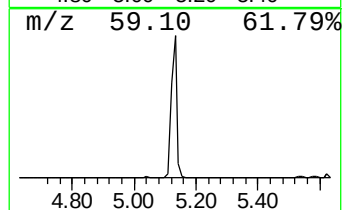
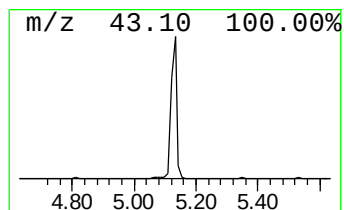
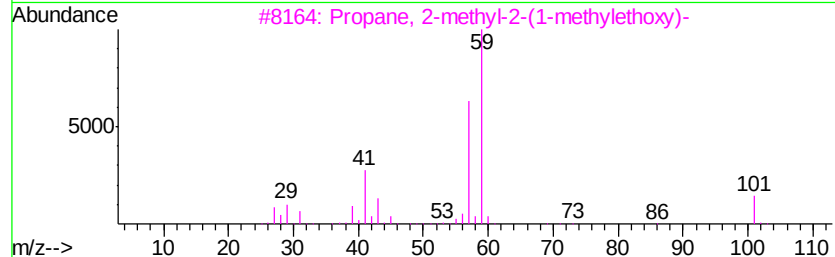
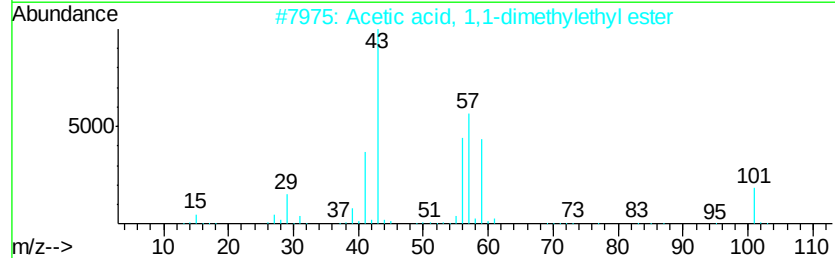
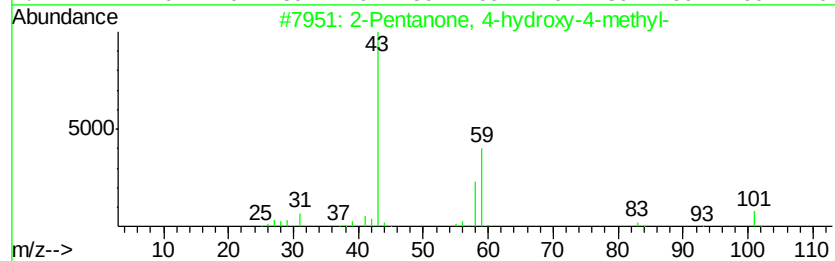
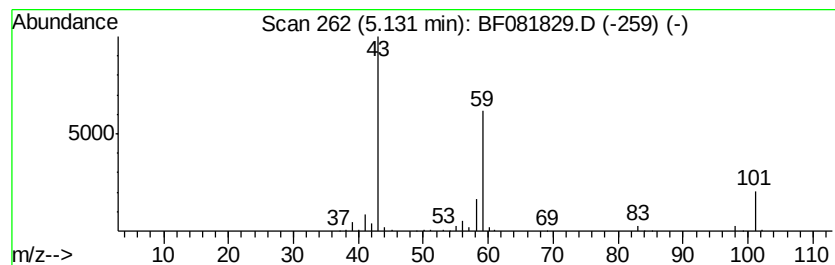
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	15.02 ng	559816	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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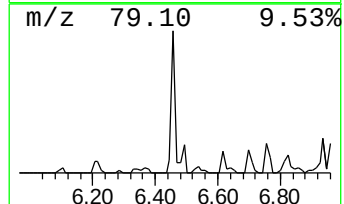
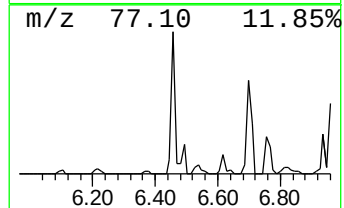
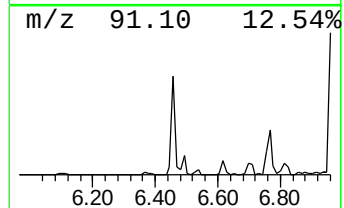
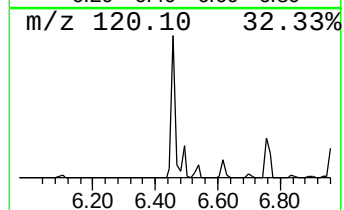
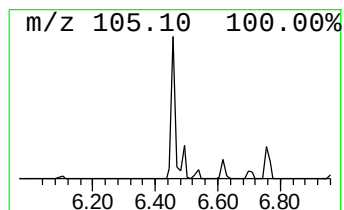
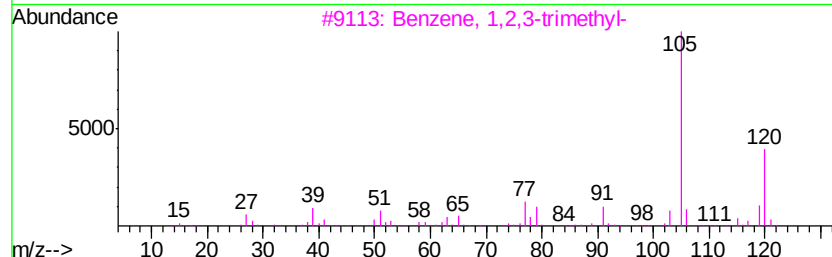
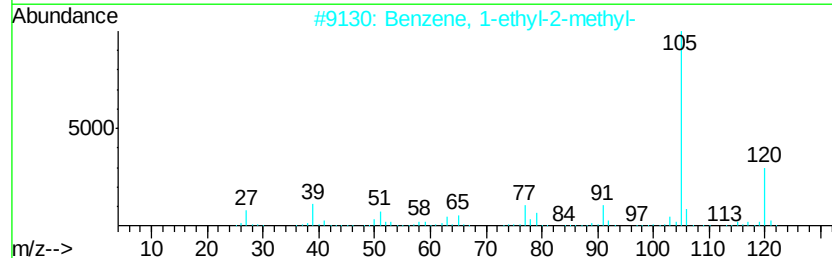
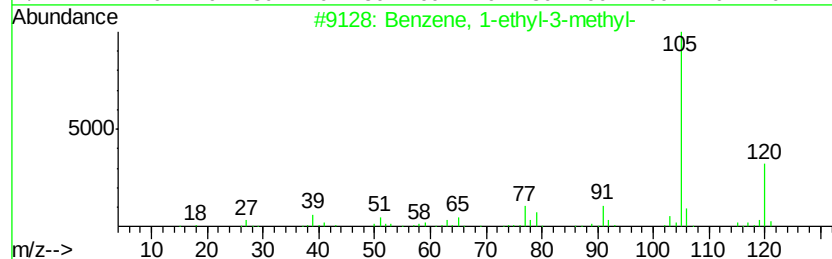
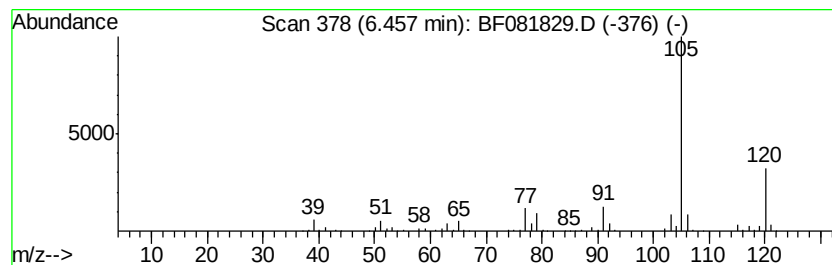
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	10.29 ng	383674	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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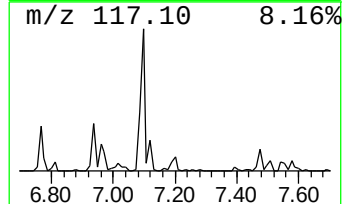
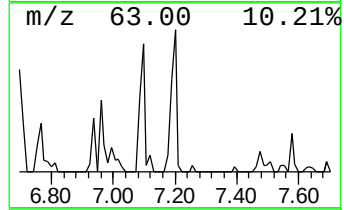
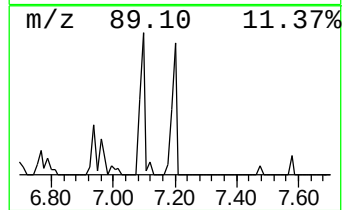
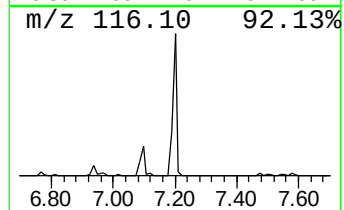
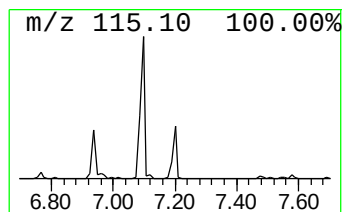
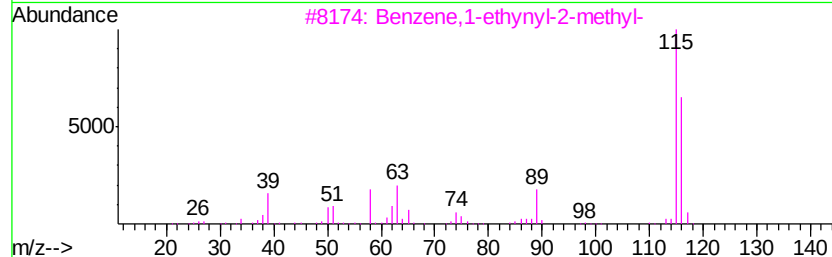
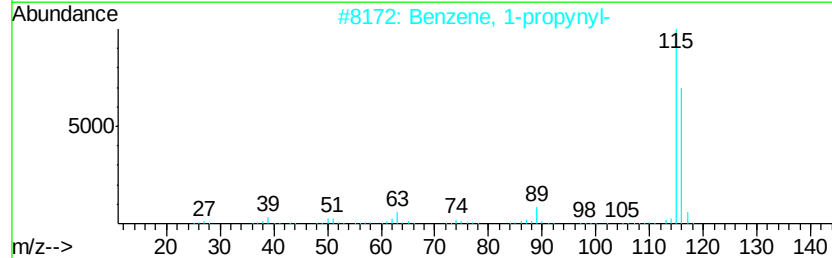
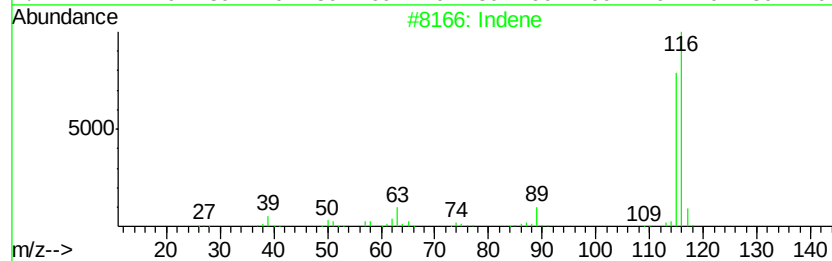
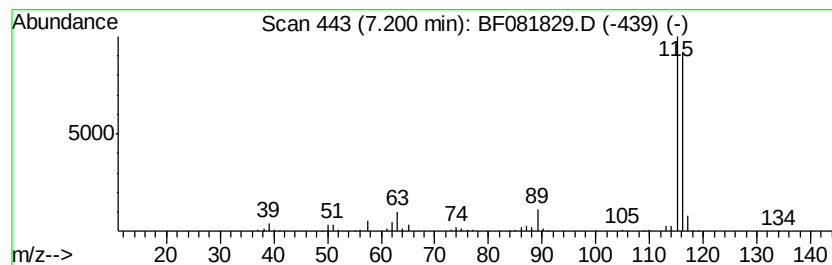
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Peak Number 5 Indene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	10.48 ng	390623	1,4-Dichlorobenzene-d4	6.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-		116	C9H8	000673-32-5	94
3	Benzene, 1-ethynyl-2-methyl-		116	C9H8	000766-47-2	91
4	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	90
5	Benzene, 1,2-propadienyl-		116	C9H8	002327-99-3	90



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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-11B

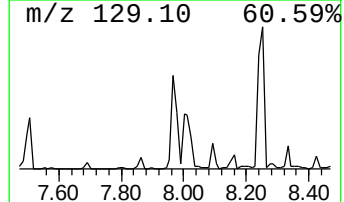
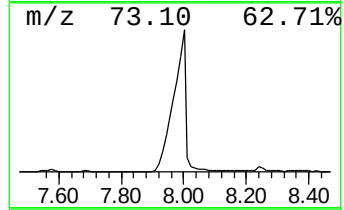
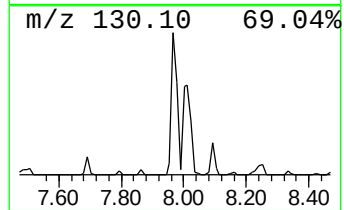
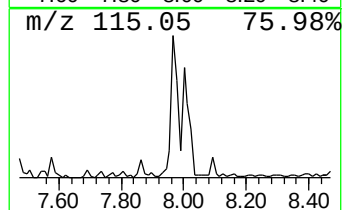
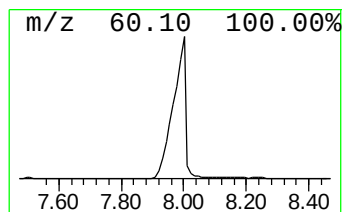
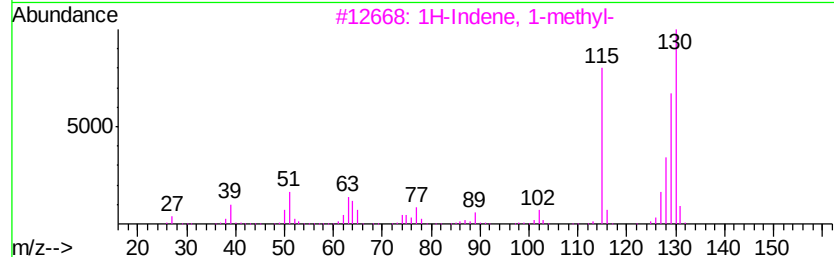
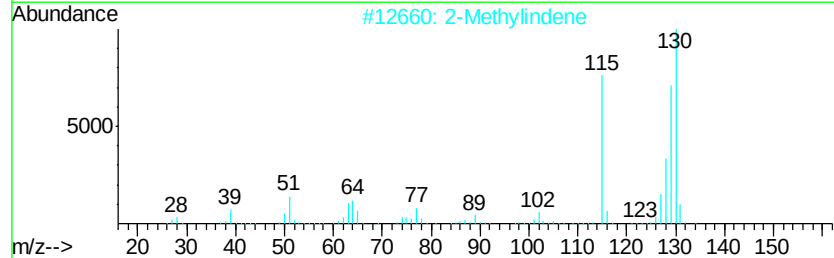
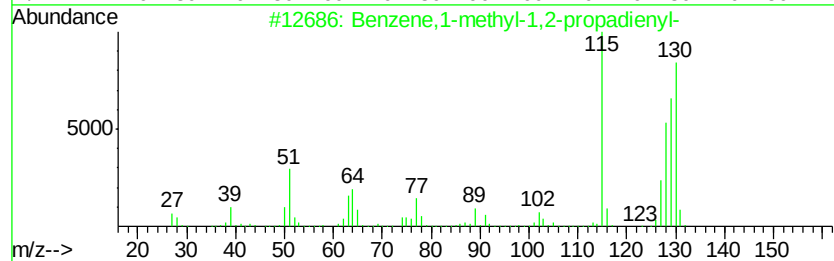
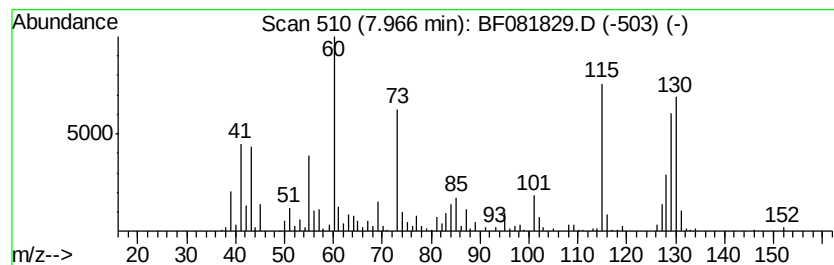
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene,1-methyl-1,2-propad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	12.83 ng	1312620	Napthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
2		2-Methylindene	130	C10H10	002177-47-1	92
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	89
4		Benzene, 1-butynyl-	130	C10H10	000622-76-4	87
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081829.D
Acq On : 26 Sep 2015 15:55
Operator : UM/IZ
Sample : G3754-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

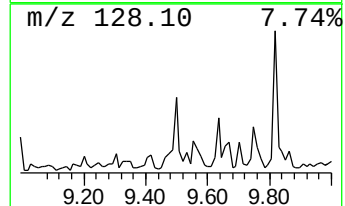
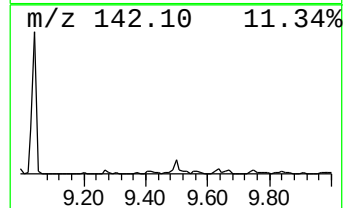
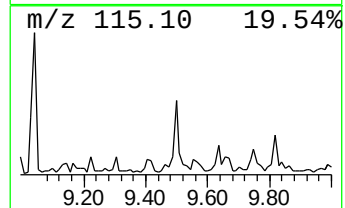
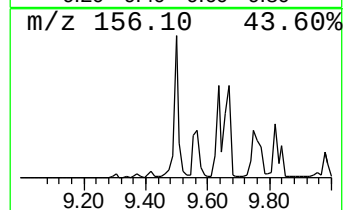
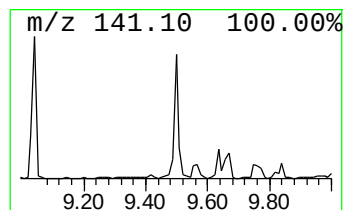
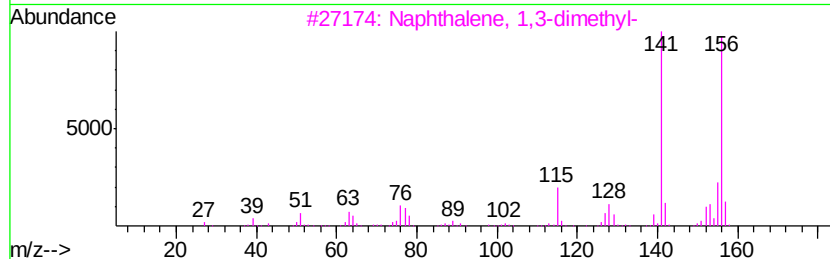
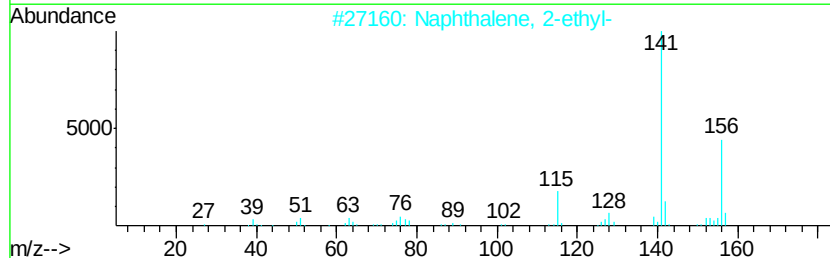
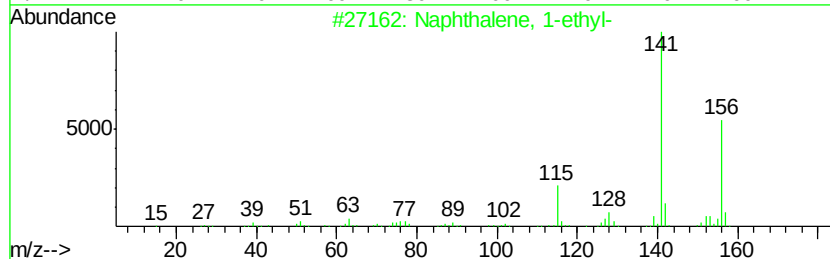
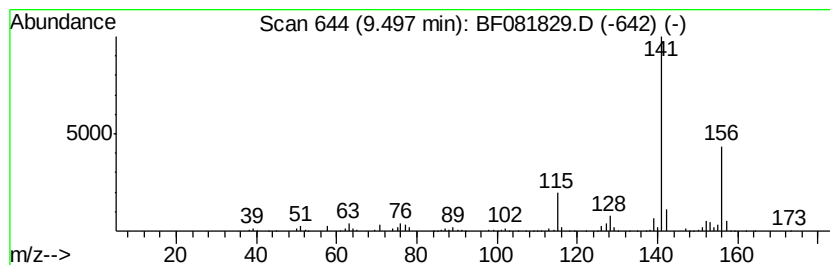
Instrument :
BNA_F
ClientSampleId :
MW-11B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	8.74 ng	518708	Acenaphthene-d10	9.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 72
4		2-Thiophenecarboxylic acid, 5-et...	156 C7H8O2S	023229-72-3 59
5		Naphthalene, 1-propyl-	170 C13H14	002765-18-6 53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081829.D
Acq On : 26 Sep 2015 15:55
Operator : UM/IZ
Sample : G3754-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

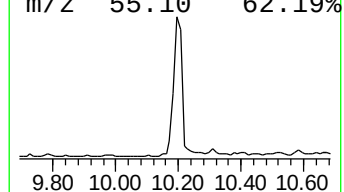
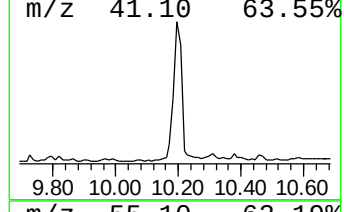
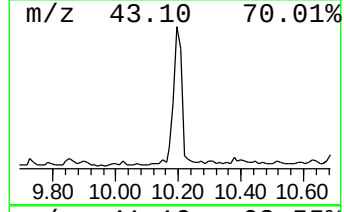
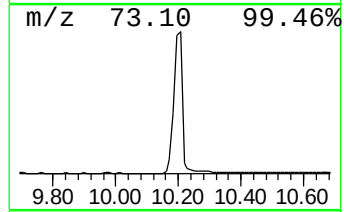
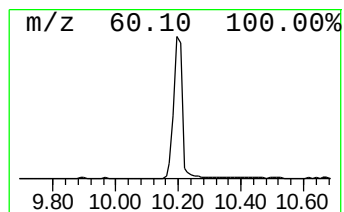
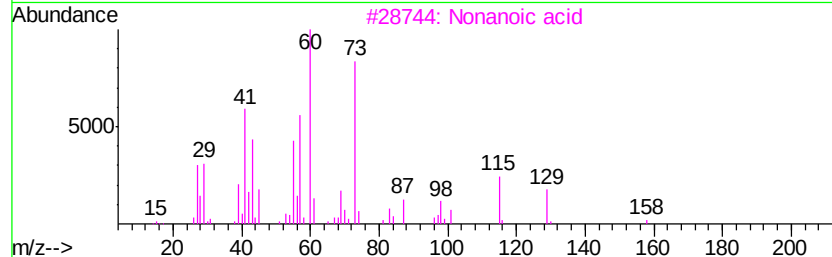
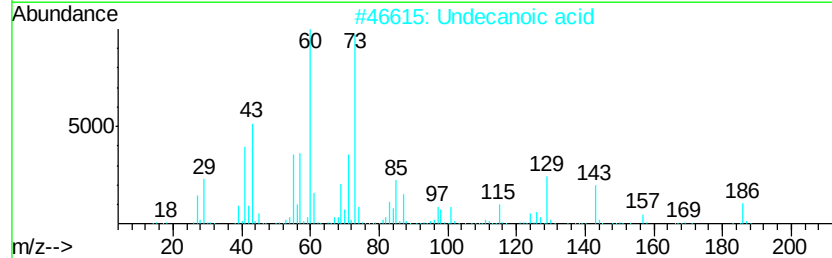
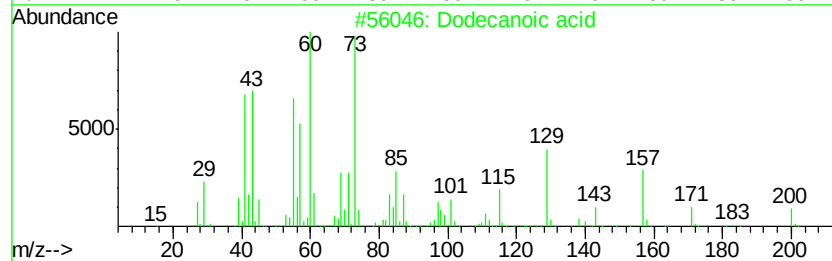
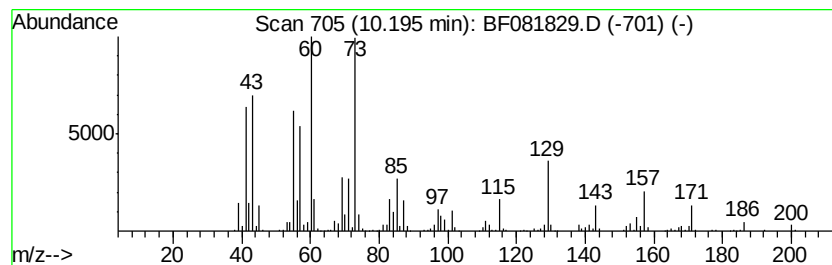
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	27.21 ng	1615210	Acenaphthene-d10	9.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	91
2	Undecanoic acid	186 C11H22O2	000112-37-8	64
3	Nonanoic acid	158 C9H18O2	000112-05-0	64
4	n-Decanoic acid	172 C10H20O2	000334-48-5	50
5	Octanoic Acid	144 C8H16O2	000124-07-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081829.D
Acq On : 26 Sep 2015 15:55
Operator : UM/IZ
Sample : G3754-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

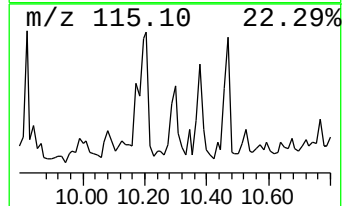
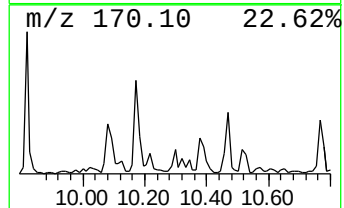
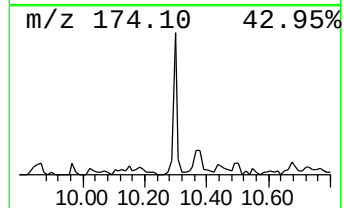
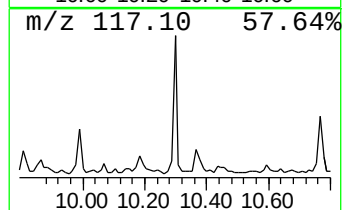
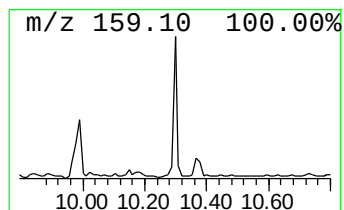
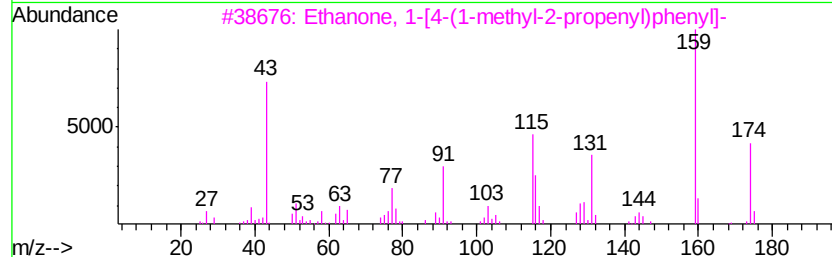
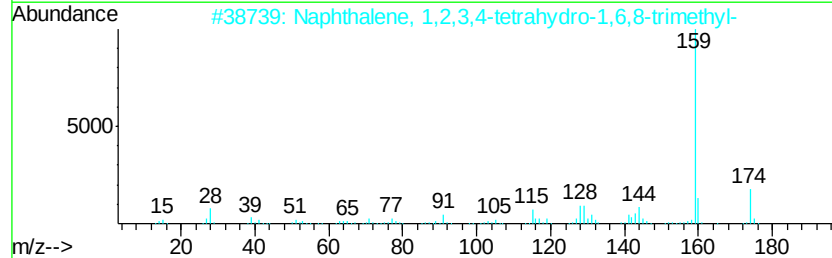
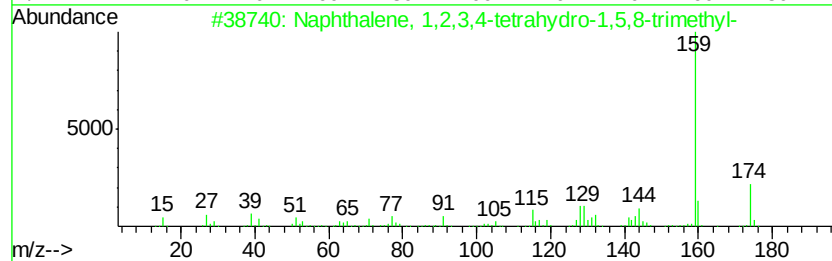
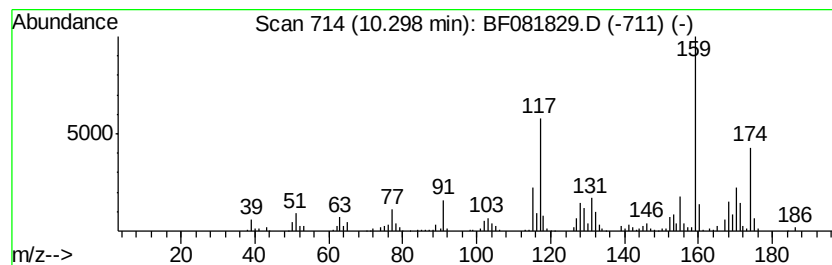
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.30	6.98 ng	414570	Acenaphthene-d10	9.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	60
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	55
3	Ethanone, 1-[4-(1-methyl-2-prope...	174	C12H14O	109586-49-4	53
4	1H-Inden-1-one, 2,3-dihydro-3,3,...	174	C12H14O	054484-71-8	49
5	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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Sample : G3754-08
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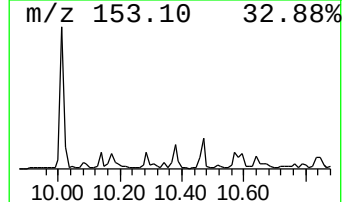
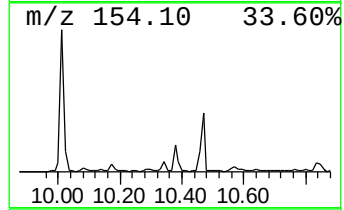
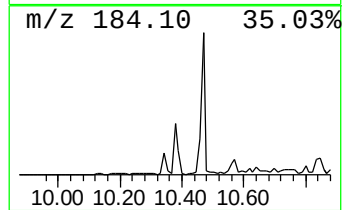
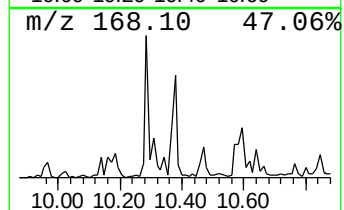
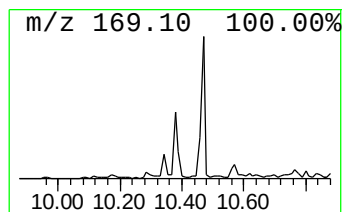
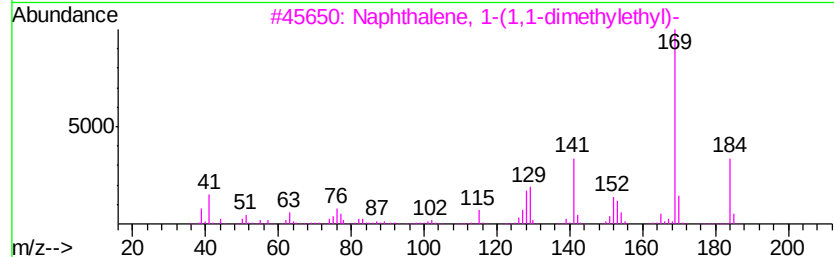
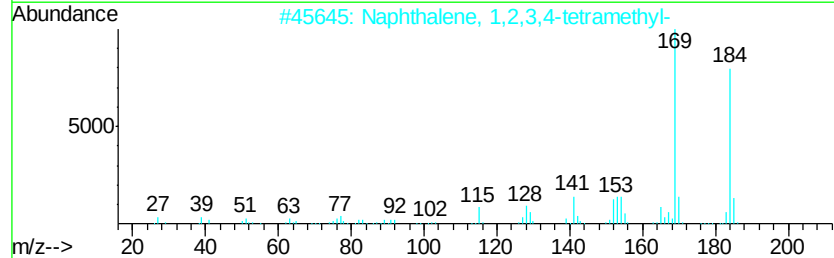
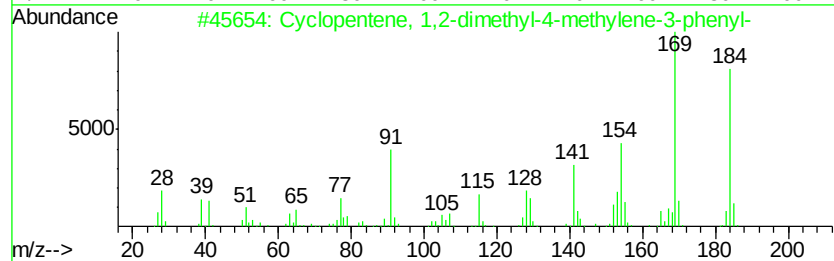
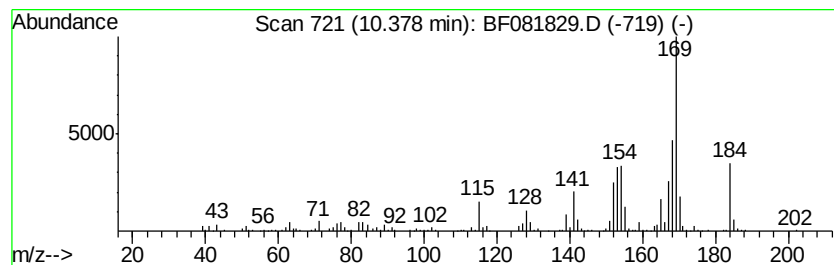
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopentene, 1,2-dimethyl-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.38	7.80 ng	463246	Acenaphthene-d10	9.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	53
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	50
3	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	47
4	4-Methyl-10-(1-phenyl-ethylidene...	283	C16H17N3O2	1000194-88-9	43
5	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081829.D
Acq On : 26 Sep 2015 15:55
Operator : UM/IZ
Sample : G3754-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

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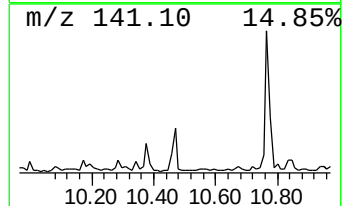
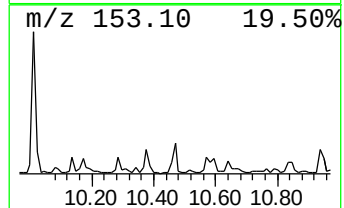
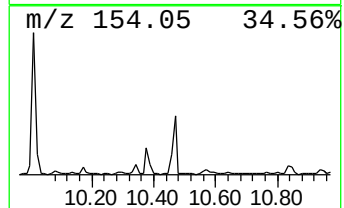
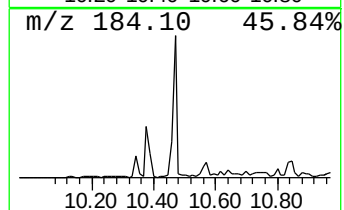
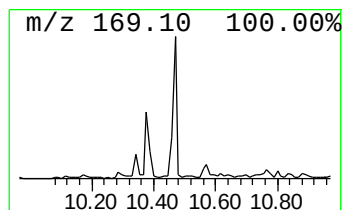
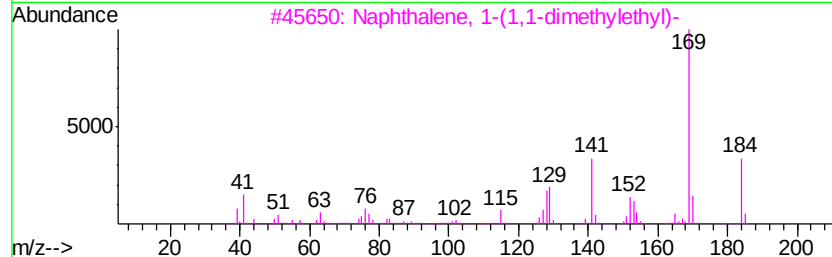
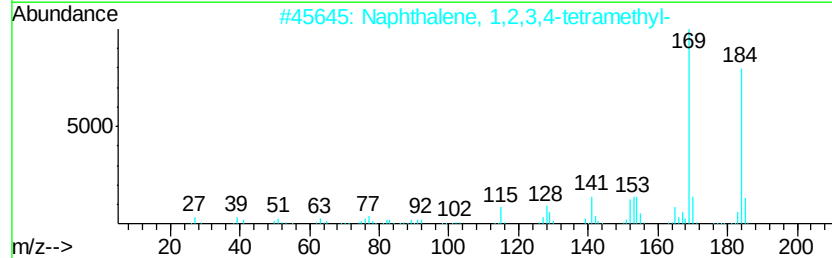
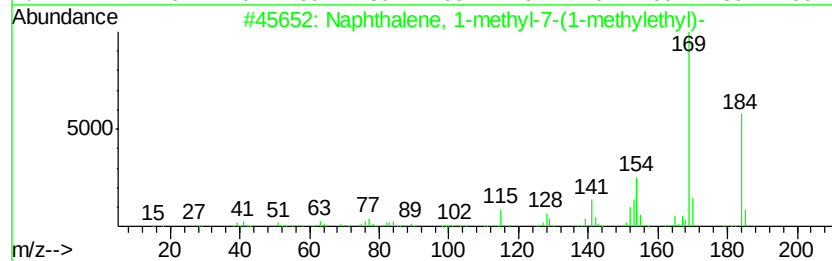
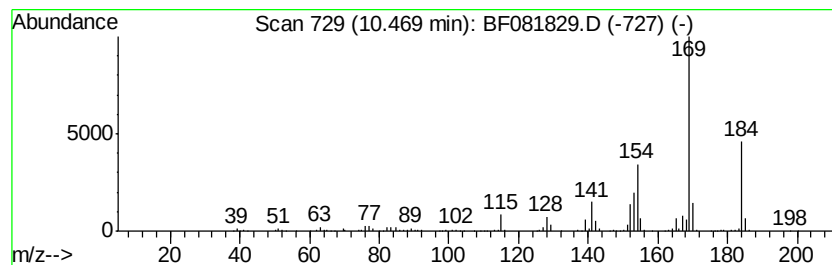
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1-methyl-7-(1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	9.26 ng	549491	Acenaphthene-d10	9.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	96
2			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	87
3			Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	81
4			Naphthalene, 2-(1,1-dimethylethyl)-	184	C14H16	002876-35-9	68
5			Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081829.D
Acq On : 26 Sep 2015 15:55
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Misc :
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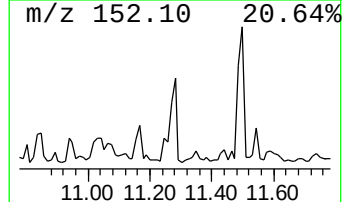
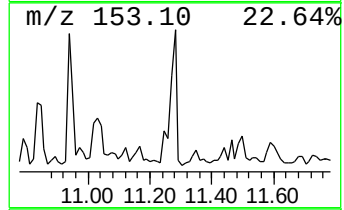
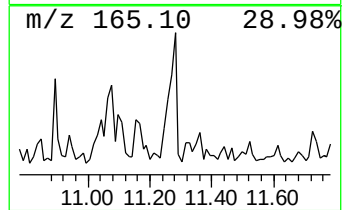
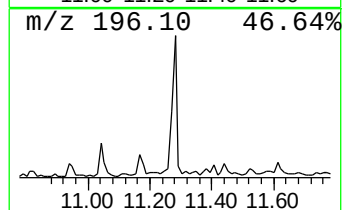
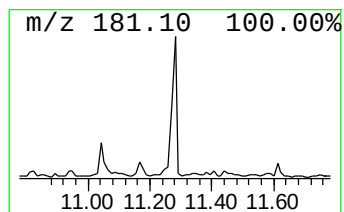
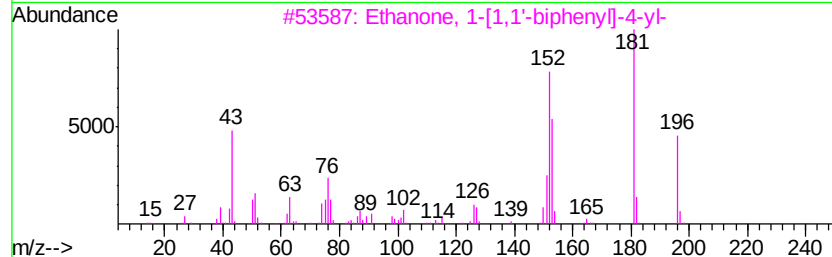
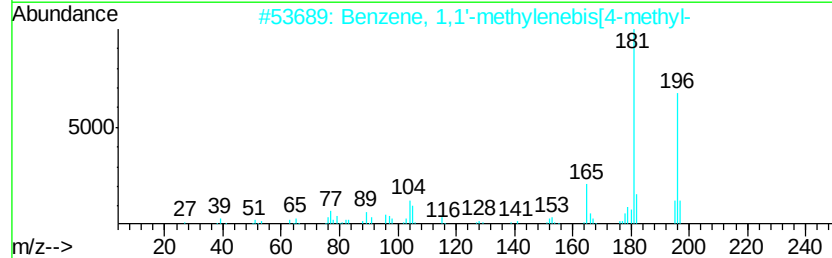
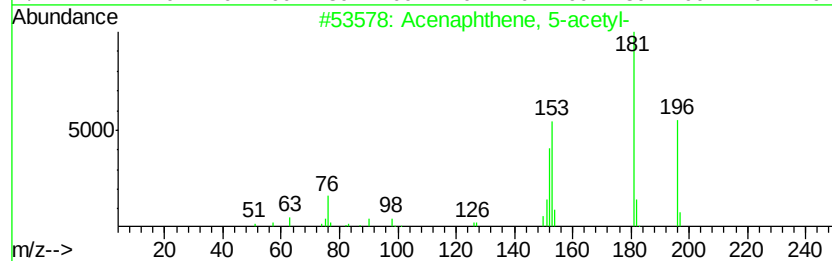
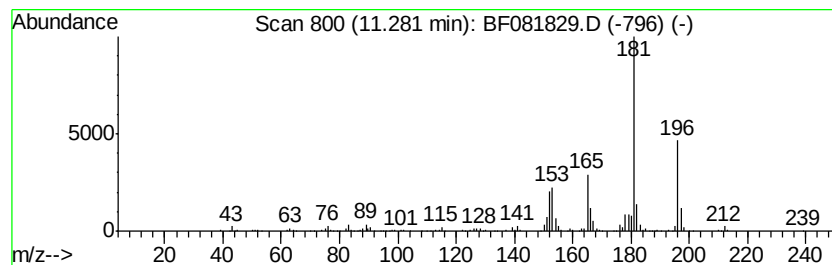
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Acenaphthene, 5-acetyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.28	8.35 ng	586594	Phenanthrene-d10	11.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene, 5-acetyl-	196	C14H12O	010047-18-4	83
2	Benzene, 1,1'-methylenebis[4-met...	196	C15H16	004957-14-6	81
3	Ethanone, 1-[1,1'-biphenyl]-4-yl-	196	C14H12O	000092-91-1	72
4	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	64
5	1,7-Dimethyl-3-phenyltricyclo[4....	196	C15H16	1000200-99-4	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081829.D
Acq On : 26 Sep 2015 15:55
Operator : UM/IZ
Sample : G3754-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B

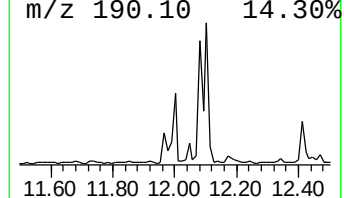
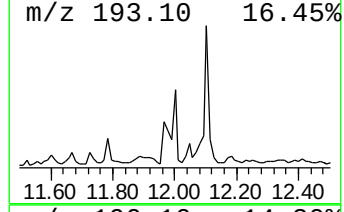
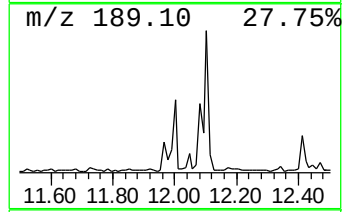
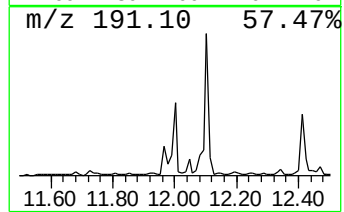
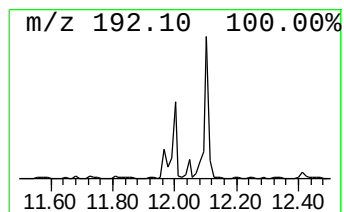
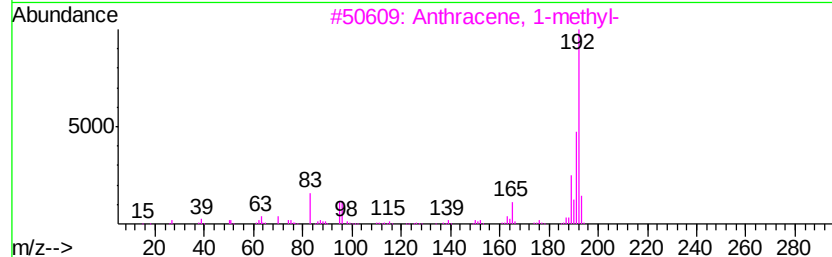
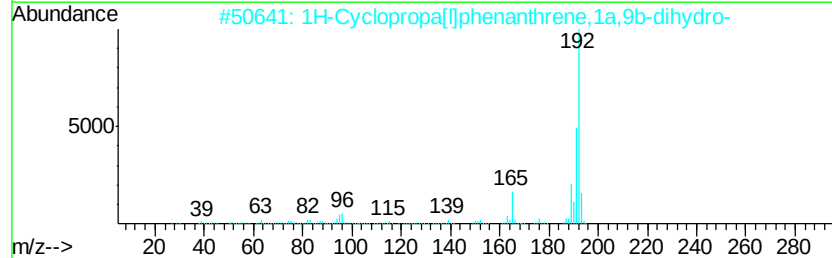
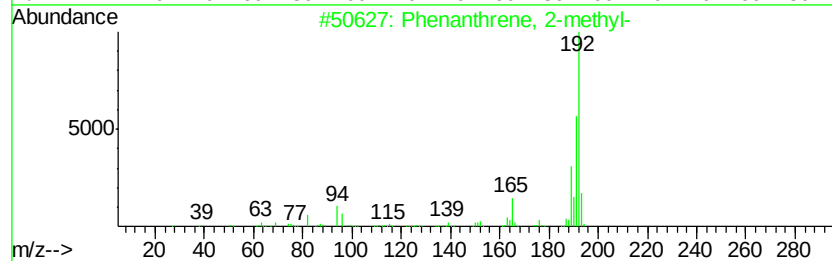
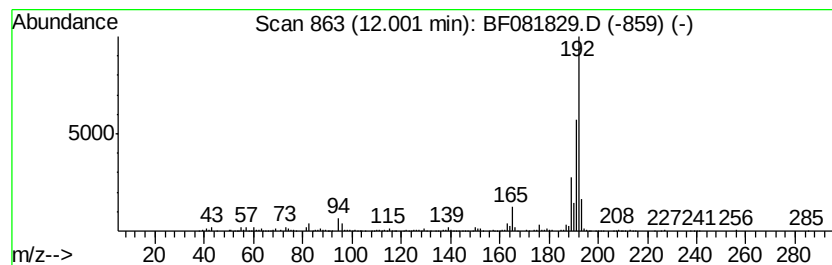
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	10.58 ng	743208	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081829.D
Acq On : 26 Sep 2015 15:55
Operator : UM/IZ
Sample : G3754-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

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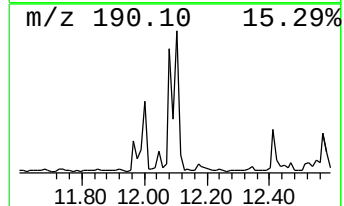
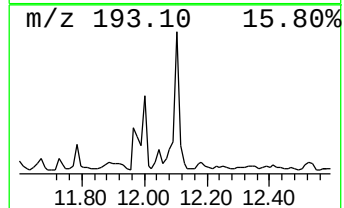
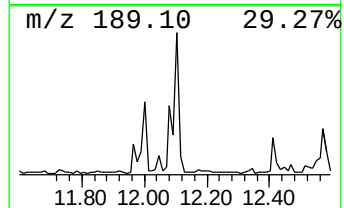
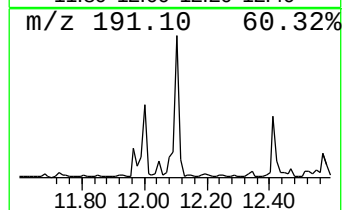
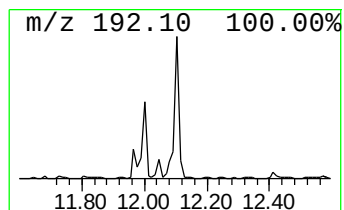
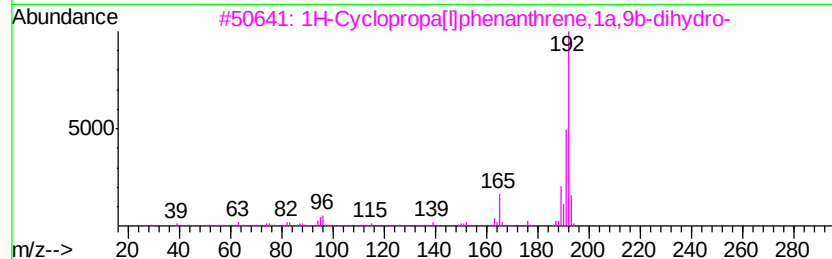
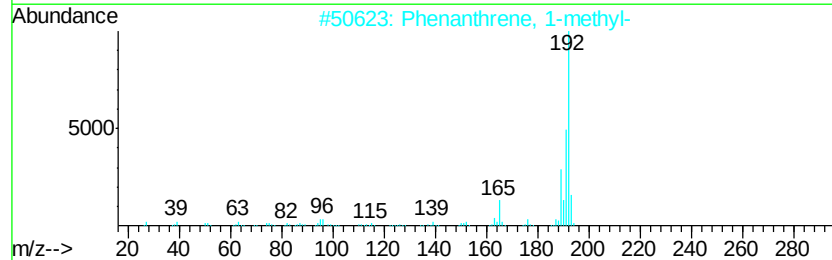
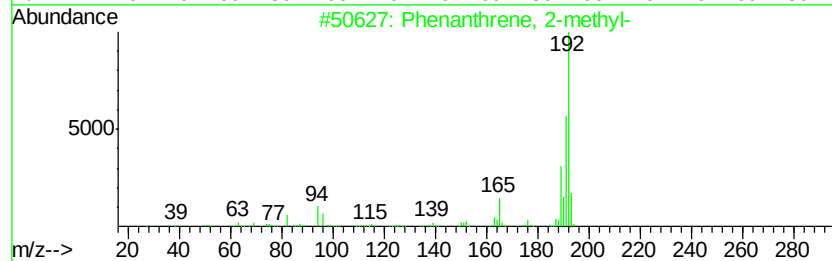
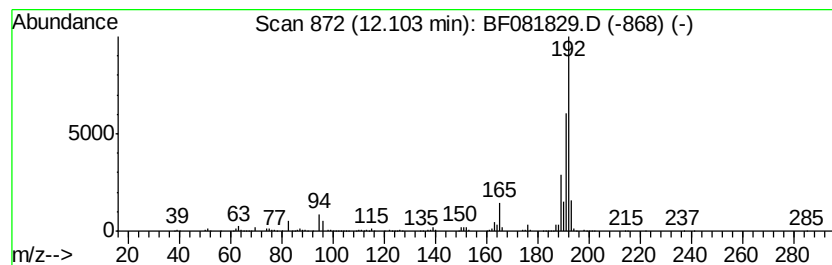
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	15.00 ng	1053770	Phenanthrene-d10	11.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081829.D
Acq On : 26 Sep 2015 15:55
Operator : UM/IZ
Sample : G3754-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

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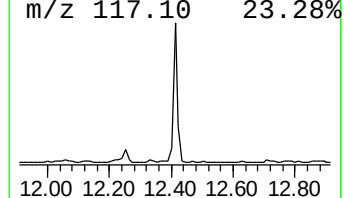
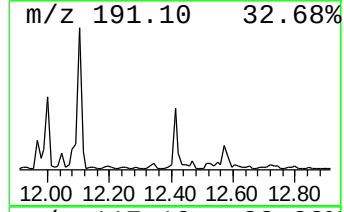
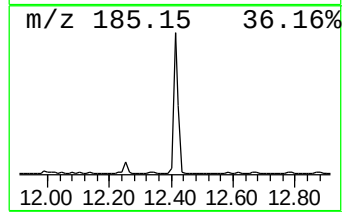
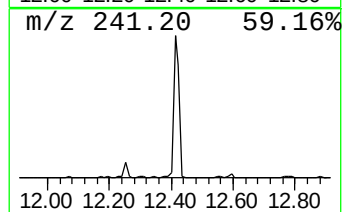
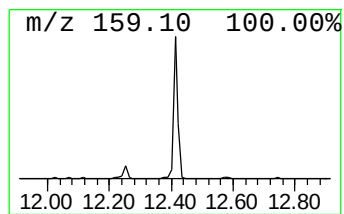
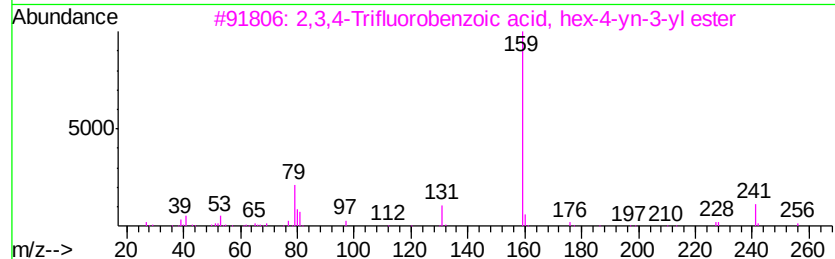
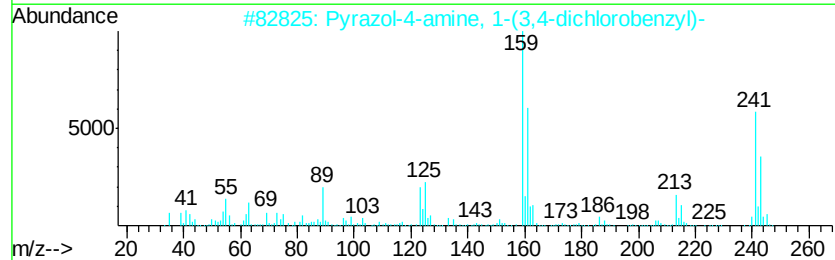
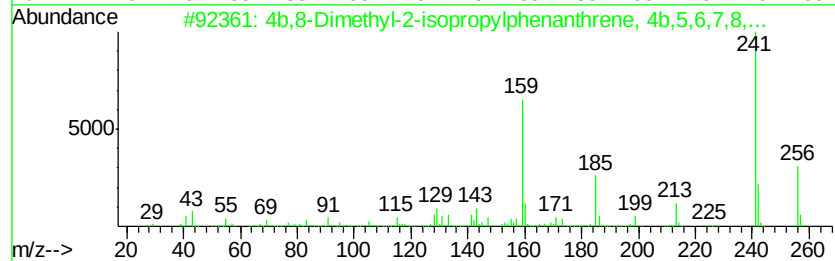
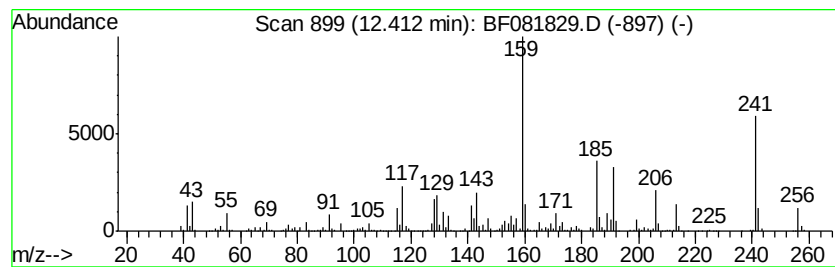
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4b,8-Dimethyl-2-isopropylph... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	24.45 ng	1717490	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2		Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	46
3		2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	37
4		Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35
5		Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081829.D
Acq On : 26 Sep 2015 15:55
Operator : UM/IZ
Sample : G3754-08
Misc :
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Instrument :
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ClientSampleId :
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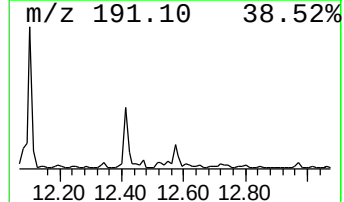
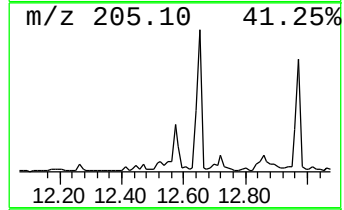
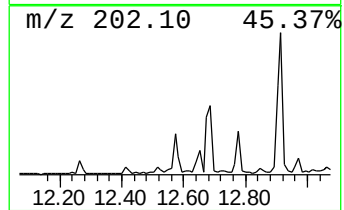
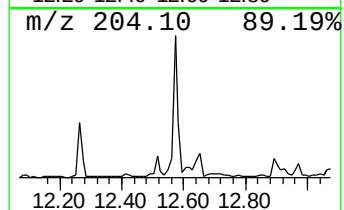
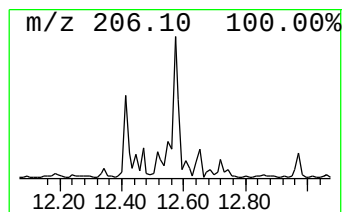
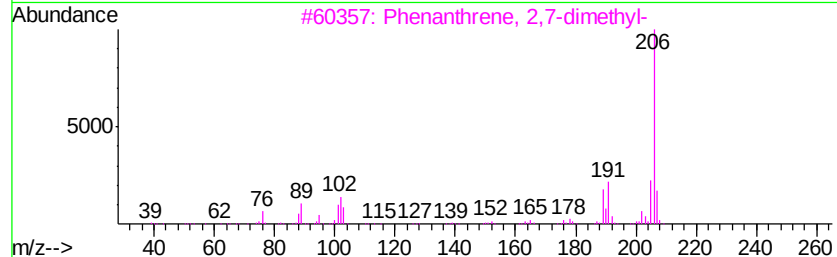
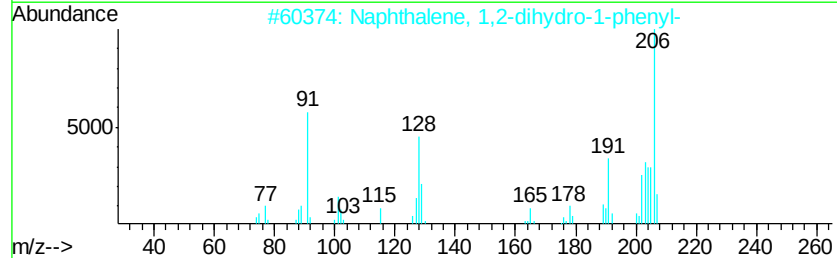
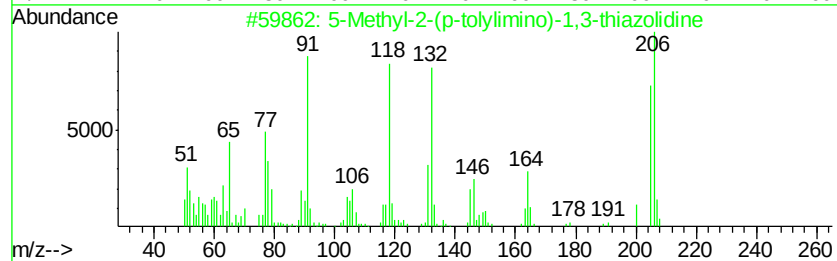
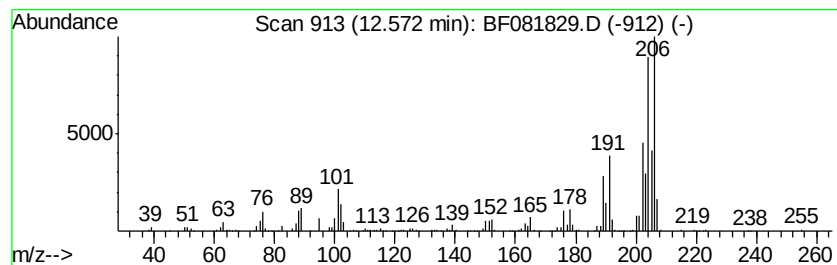
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 5-Methyl-2-(p-tolylimino)-1... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	6.86 ng	481735	Phenanthrene-d10	11.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Methyl-2-(p-tolylimino)-1,3-th...	206	C11H14N2S	070446-87-6	70
2			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	70
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	55
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	55
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081829.D
Acq On : 26 Sep 2015 15:55
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Sample : G3754-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

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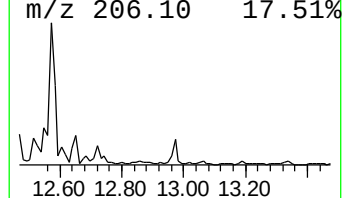
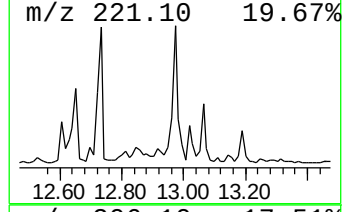
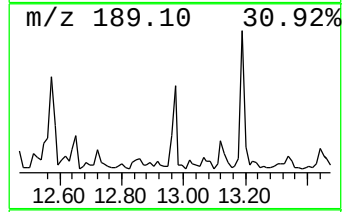
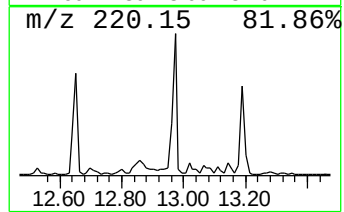
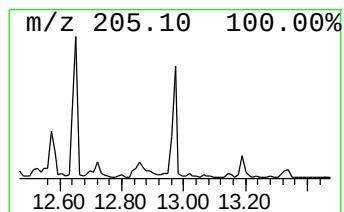
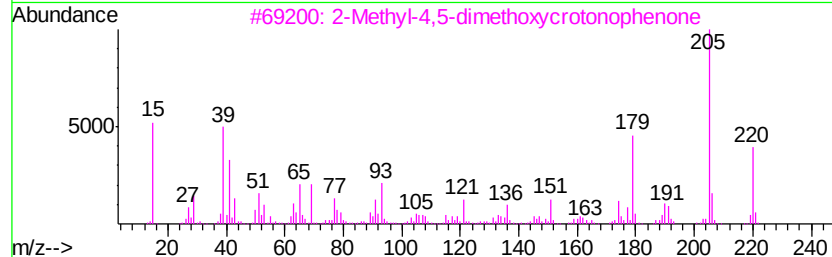
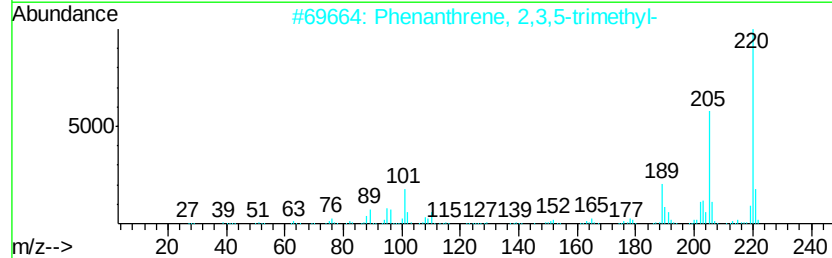
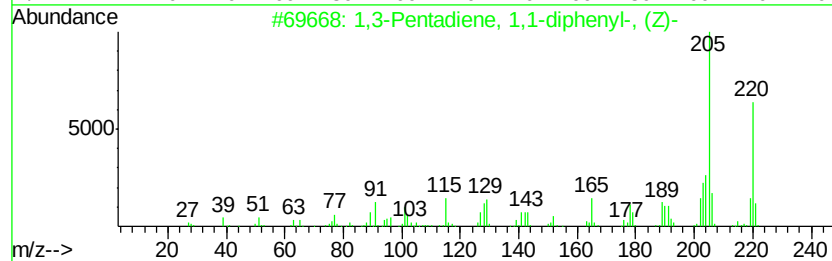
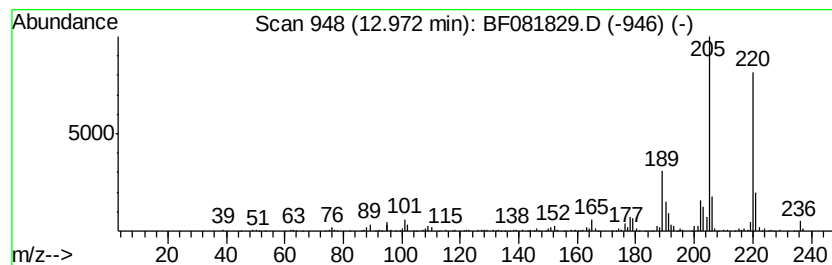
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,3-Pentadiene, 1,1-dipheny... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	7.62 ng	339601	Chrysene-d12	14.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	90
2			Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	64
3			2-Methyl-4,5-dimethoxycrotonophe...	220	C13H16O3	207233-94-1	59
4			2-(3,3-Dimethylbut-1-ynyl)thieno...	220	C12H12S2	1000250-48-5	53
5			Xylazine	220	C12H16N2S	007361-61-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081829.D
Acq On : 26 Sep 2015 15:55
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ALS Vial : 43 Sample Multiplier: 1

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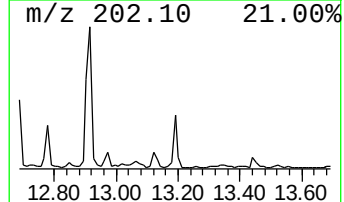
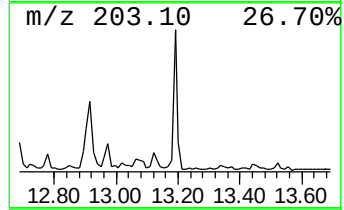
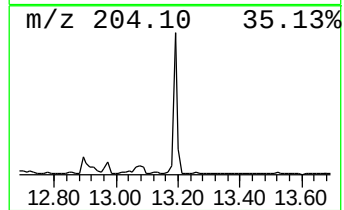
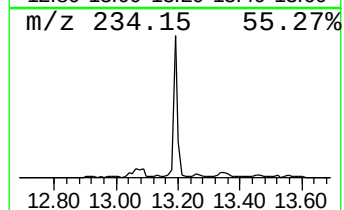
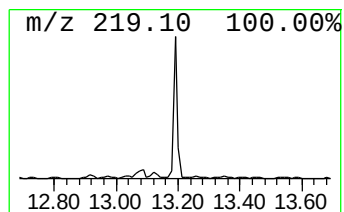
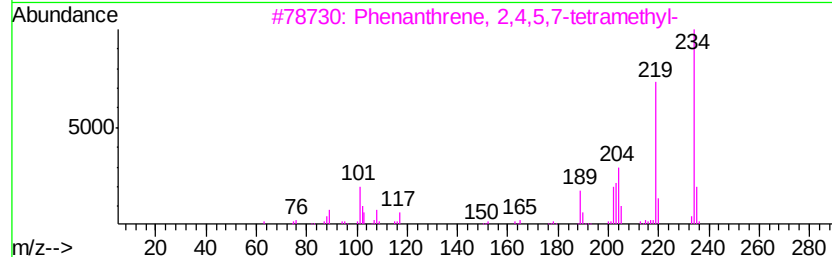
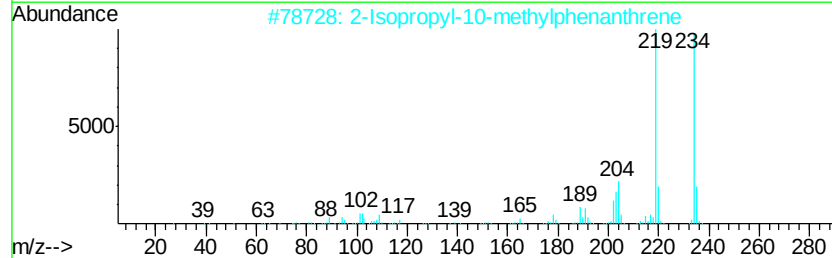
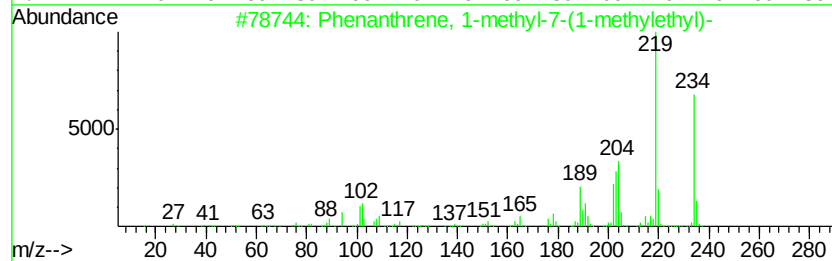
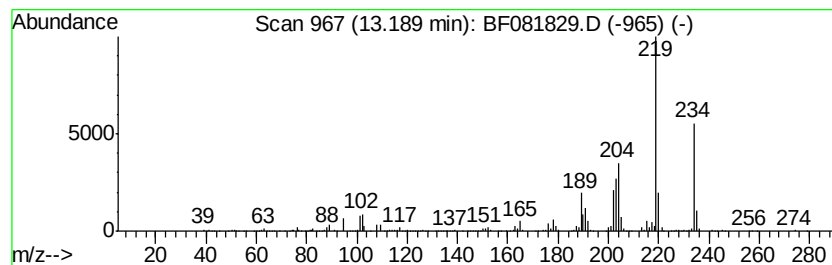
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Isopropyl-10-methylphenan... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	17.10 ng	762493	Chrysene-d12	14.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2			2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3			Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	62
4			Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	53
5			5-(4-Ethoxy-phenyl)-5-methyl-imi...	234	C12H14N2O3	1000297-64-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081829.D
Acq On : 26 Sep 2015 15:55
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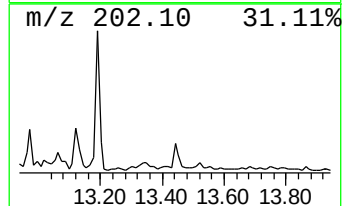
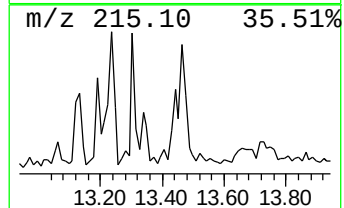
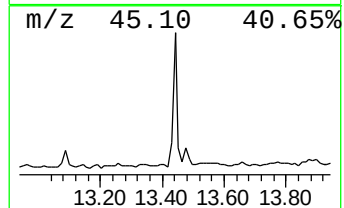
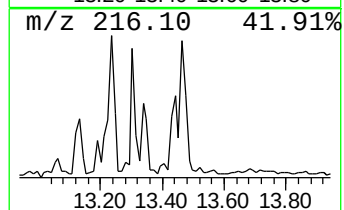
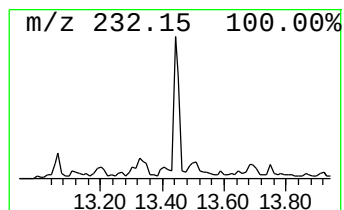
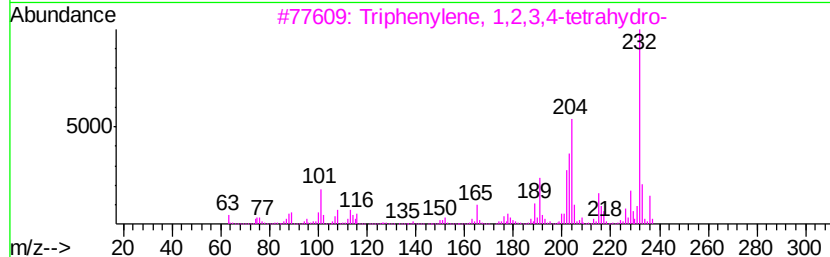
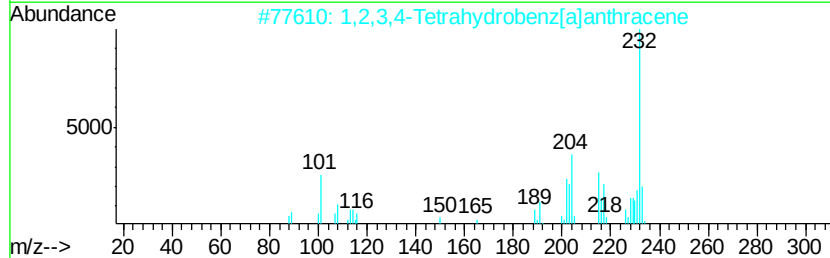
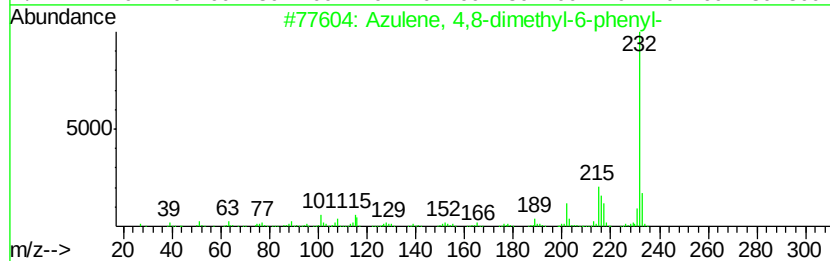
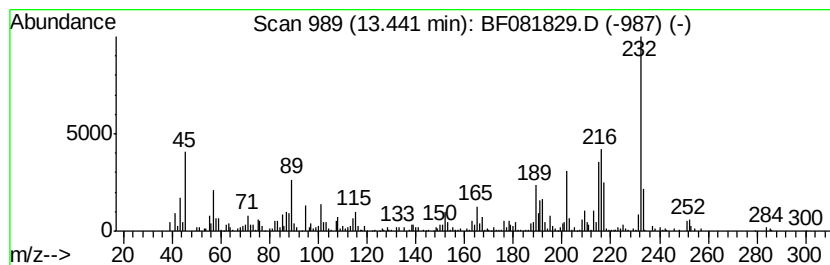
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Azulene, 4,8-dimethyl-6-phe... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	9.58 ng	426906	Chrysene-d12	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 4,8-dimethyl-6-phenyl-	232	C18H16	042758-88-3	58
2		1,2,3,4-Tetrahydrobenz[a]anthracene	232	C18H16	004483-98-1	50
3		Triphenylene, 1,2,3,4-tetrahydro-	232	C18H16	005981-10-2	38
4		1-Pyrenemethanol	232	C17H12O	024463-15-8	38
5		1,4-Dimethyl-6-phenyl-naphthalene	232	C18H16	051036-93-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081829.D
Acq On : 26 Sep 2015 15:55
Operator : UM/IZ
Sample : G3754-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B

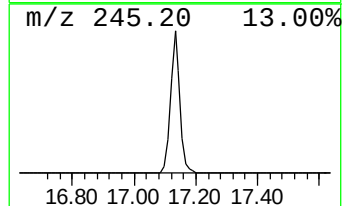
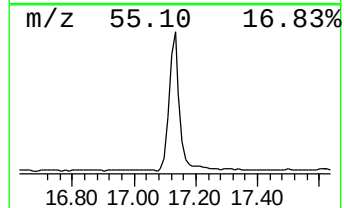
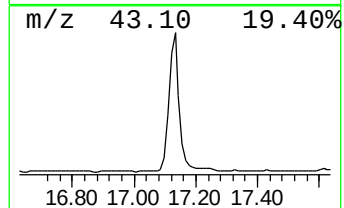
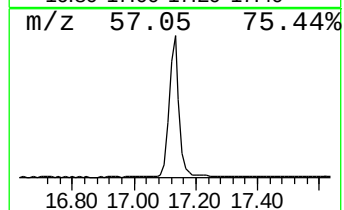
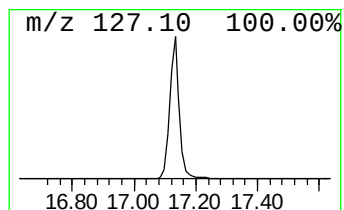
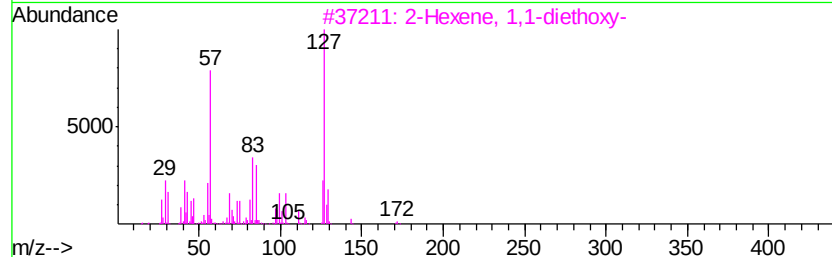
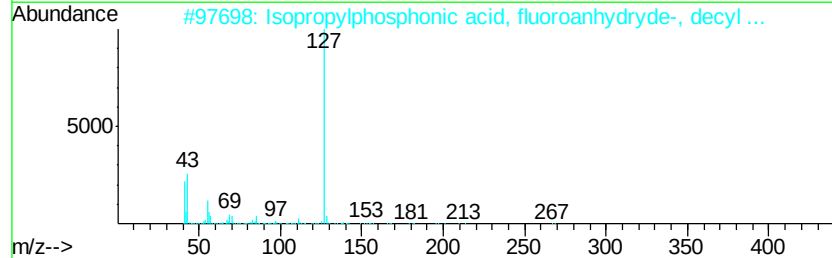
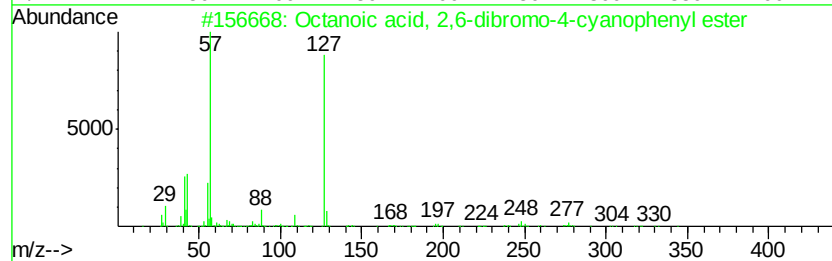
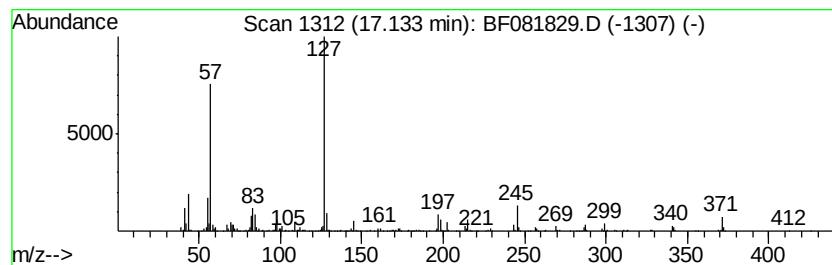
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octanoic acid, 2,6-dibromo-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	54.16 ng	2026750	Perylene-d12	15.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic acid, 2,6-dibromo-4-cya...	401	C15H17Br2NO2	001689-99-2	59
2		Isopropylphosphonic acid, fluoro...	266	C13H28F02P	333416-36-7	47
3		2-Hexene, 1,1-diethoxy-	172	C10H20O2	054306-00-2	45
4		Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	45
5		Glycerol tricaprylate	470	C27H50O6	000538-23-8	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081829.D
 Acq On : 26 Sep 2015 15:55
 Operator : UM/IZ
 Sample : G3754-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.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
2-Pentanone, 4-hy...	5.13	15.0	ng	559816	1	6.94	745662	20.0
Benzene, 1-ethyl-...	6.46	10.3	ng	383674	1	6.94	745662	20.0
Indene	7.20	10.5	ng	390623	1	6.94	745662	20.0
Benzene,1-methyl-...	7.97	12.8	ng	1312620	2	8.23	2045770	20.0
Naphthalene, 1-et...	9.50	8.7	ng	518708	3	9.98	1187220	20.0
Dodecanoic acid	10.19	27.2	ng	1615210	3	9.98	1187220	20.0
Naphthalene, 1,2,...	10.30	7.0	ng	414570	3	9.98	1187220	20.0
Cyclopentene, 1,2...	10.38	7.8	ng	463246	3	9.98	1187220	20.0
Naphthalene, 1-me...	10.47	9.3	ng	549491	3	9.98	1187220	20.0
Acenaphthene, 5-a...	11.28	8.3	ng	586594	4	11.46	1404670	20.0
Phenanthrene, 2-m...	12.00	10.6	ng	743208	4	11.46	1404670	20.0
Phenanthrene, 1-m...	12.10	15.0	ng	1053770	4	11.46	1404670	20.0
4b,8-Dimethyl-2-i...	12.41	24.4	ng	1717490	4	11.46	1404670	20.0
5-Methyl-2-(p-tol...	12.57	6.9	ng	481735	4	11.46	1404670	20.0
1,3-Pentadiene, 1...	12.97	7.6	ng	339601	5	14.10	891693	20.0
2-Isopropyl-10-me...	13.19	17.1	ng	762493	5	14.10	891693	20.0
Azulene, 4,8-dime...	13.44	9.6	ng	426906	5	14.10	891693	20.0
Octanoic acid, 2,...	17.13	54.2	ng	2026750	6	15.58	748419	20.0