

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
 Data File : BF079547.D
 Acq On : 28 May 2015 16:35
 Operator : TP/IZ
 Sample : G2386-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-SS

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-BF052615.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	1.564	32	33	40	rBV	342480	531953	10.07%	1.471%
2	1.667	40	42	73	rVB	2757024	5283627	100.00%	14.610%
3	2.055	73	76	82	rVB3	23782	53727	1.02%	0.149%
4	4.673	303	305	313	rVB	62517	107505	2.03%	0.297%
5	5.244	352	355	363	rBV	974135	1508400	28.55%	4.171%
6	5.484	374	376	379	rBV	42673	59547	1.13%	0.165%
7	6.559	468	470	478	rVB	1500948	1584678	29.99%	4.382%
8	6.673	478	480	483	rBV	1319810	1664948	31.51%	4.604%
9	6.959	503	505	508	rBV	470387	451186	8.54%	1.248%
10	7.142	519	521	524	rBV	1155732	1278745	24.20%	3.536%
11	7.656	564	566	569	rBV	800429	1015765	19.22%	2.809%
12	8.536	641	643	648	rBV2	657101	763053	14.44%	2.110%
13	9.428	718	721	723	rVB	121976	152979	2.90%	0.423%
14	9.542	728	731	733	rBV	131305	121607	2.30%	0.336%
15	9.885	759	761	764	rVB	2136043	1938601	36.69%	5.361%
16	10.022	768	773	776	rBV2	46169	72979	1.38%	0.202%
17	10.205	786	789	791	rBV	33905	54226	1.03%	0.150%
18	10.285	794	796	798	rVV2	93900	124242	2.35%	0.344%
19	10.319	798	799	802	rVB	53461	74576	1.41%	0.206%
20	10.399	802	806	807	rBV	153158	171861	3.25%	0.475%
21	10.433	807	809	813	rVB2	66511	117605	2.23%	0.325%
22	10.525	815	817	820	rVB	137659	181463	3.43%	0.502%
23	10.708	830	833	835	rVB	601606	745888	14.12%	2.062%
24	10.742	835	836	843	rVB	70952	88279	1.67%	0.244%
25	10.959	853	855	858	rBV2	69706	80555	1.52%	0.223%
26	11.222	875	878	880	rBV	31123	65392	1.24%	0.181%
27	11.302	883	885	886	rBV	74028	70232	1.33%	0.194%
28	11.382	890	892	894	rVB	67417	76024	1.44%	0.210%
29	11.576	907	909	913	rVB3	59966	98813	1.87%	0.273%
30	11.679	916	918	920	rVV2	1051041	1256685	23.78%	3.475%
31	11.713	920	921	925	rVB2	107691	156609	2.96%	0.433%
32	11.908	935	938	940	rBV	130014	236166	4.47%	0.653%
33	12.148	956	959	962	rVB3	61054	114031	2.16%	0.315%
34	12.228	962	966	970	rBV3	51945	134093	2.54%	0.371%

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35	12.308	970	973	976	rVB	49181	74921	1.42%	0.207%
36	12.445	983	985	987	rVB	76509	74326	1.41%	0.206%
37	12.536	990	993	994	rBV	702487	684415	12.95%	1.893%
38	12.559	994	995	997	rVB	278738	354077	6.70%	0.979%
39	12.628	997	1001	1003	rVB	196574	206476	3.91%	0.571%
40	12.845	1017	1020	1021	rBV	55689	55755	1.06%	0.154%
41	12.982	1030	1032	1034	rVB	58785	70477	1.33%	0.195%
42	13.165	1045	1048	1049	rBV	90942	108235	2.05%	0.299%
43	13.199	1049	1051	1053	rVV	139333	161390	3.05%	0.446%
44	13.291	1055	1059	1065	rVB4	137815	399531	7.56%	1.105%
45	13.485	1075	1076	1079	rVB2	60052	64000	1.21%	0.177%
46	13.542	1079	1081	1082	rBV	53753	71651	1.36%	0.198%
47	13.851	1105	1108	1110	rBV	75792	124707	2.36%	0.345%
48	13.965	1115	1118	1122	rBV3	57607	137481	2.60%	0.380%
49	14.034	1122	1124	1126	rVV	645685	631266	11.95%	1.746%
50	14.091	1126	1129	1130	rBV2	54405	86005	1.63%	0.238%
51	14.148	1133	1134	1137	rVB	47063	66336	1.26%	0.183%
52	14.217	1138	1140	1142	rBV	42516	63182	1.20%	0.175%
53	14.308	1145	1148	1150	rVV	565600	688817	13.04%	1.905%
54	14.365	1150	1153	1156	rVV3	25176	69858	1.32%	0.193%
55	14.479	1161	1163	1164	rBV	55682	66295	1.25%	0.183%
56	14.525	1165	1167	1170	rVV	1638265	2011351	38.07%	5.562%
57	14.594	1170	1173	1176	rVB3	32138	66391	1.26%	0.184%
58	14.731	1183	1185	1187	rVB	101495	140883	2.67%	0.390%
59	14.811	1190	1192	1194	rVV	51678	68914	1.30%	0.191%
60	14.857	1194	1196	1201	rVB3	101677	191843	3.63%	0.530%
61	15.005	1208	1209	1212	rBV	28448	52908	1.00%	0.146%
62	15.360	1239	1240	1244	rVB	61582	89895	1.70%	0.249%
63	15.497	1250	1252	1253	rBV	91738	101456	1.92%	0.281%
64	15.554	1253	1257	1258	rVV2	56211	95921	1.82%	0.265%
65	15.622	1262	1263	1265	rVB	68306	78755	1.49%	0.218%
66	15.702	1267	1270	1274	rBV2	288945	451694	8.55%	1.249%
67	15.805	1276	1279	1281	rVV2	818152	1367253	25.88%	3.781%
68	15.840	1281	1282	1284	rVB	427553	351394	6.65%	0.972%
69	15.931	1288	1290	1292	rBV2	71058	96021	1.82%	0.266%
70	16.068	1300	1302	1303	rBV	62182	81579	1.54%	0.226%
71	16.114	1303	1306	1309	rBV3	107169	222815	4.22%	0.616%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	16.297	1320	1322	1324	rVB	88152	87145	1.65%	0.241%
73	16.503	1338	1340	1343	rVB2	104396	146840	2.78%	0.406%
74	17.063	1386	1389	1394	rBV	562566	1318883	24.96%	3.647%
75	17.165	1396	1398	1400	rVB	136706	168843	3.20%	0.467%
76	17.360	1413	1415	1418	rBV	408355	525808	9.95%	1.454%
77	17.417	1418	1420	1423	rBV	532046	610489	11.55%	1.688%
78	17.474	1423	1425	1430	rBV2	612332	943353	17.85%	2.609%
79	18.091	1477	1479	1482	rVB2	111428	193830	3.67%	0.536%
80	18.457	1509	1511	1518	rVB4	153700	329894	6.24%	0.912%
81	18.754	1534	1537	1541	rVB2	313618	565546	10.70%	1.564%
82	18.914	1548	1551	1553	rBV	107258	225280	4.26%	0.623%
83	19.131	1567	1570	1578	rVB	247739	513241	9.71%	1.419%
84	19.337	1585	1588	1595	rVB2	144497	370837	7.02%	1.025%

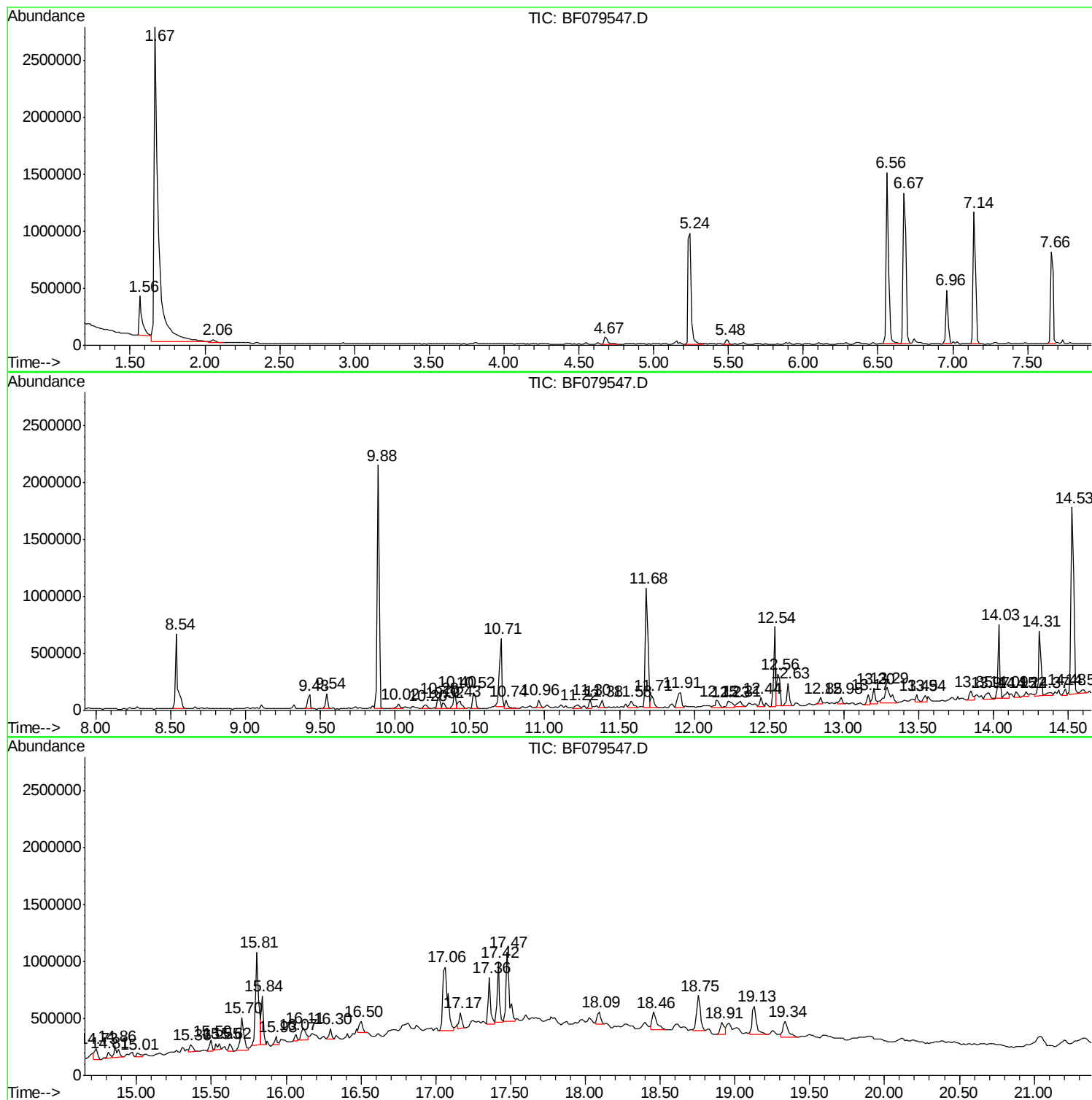
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Instrument :
BNA_F
ClientSampled :
TP-8-SS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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Acq On : 28 May 2015 16:35
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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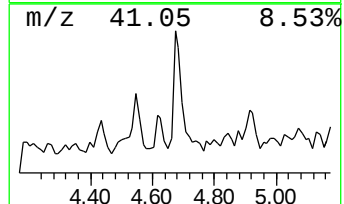
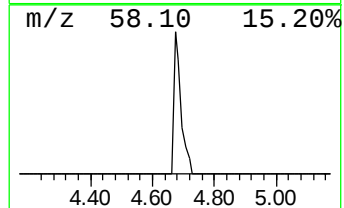
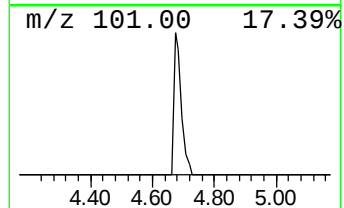
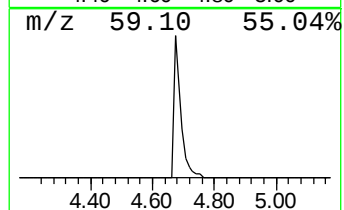
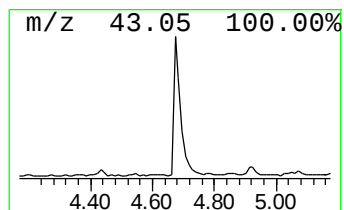
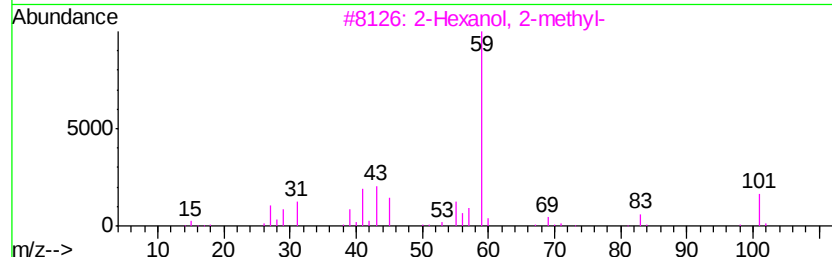
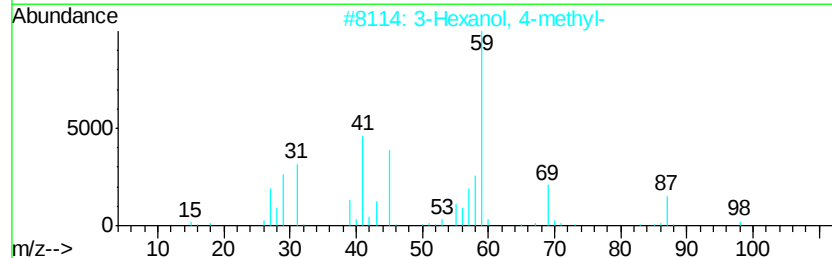
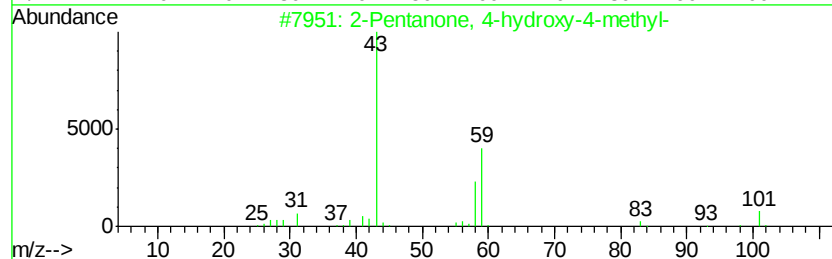
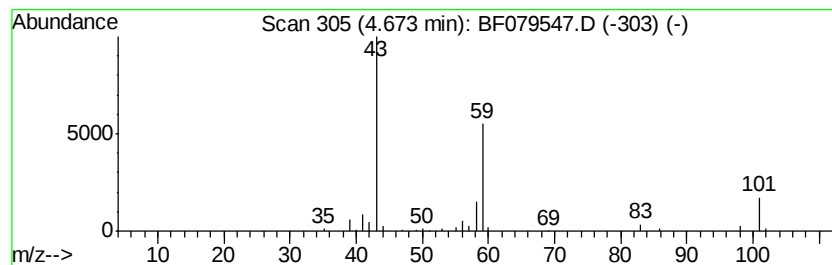
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	4.77 ng	107505	1,4-Dichlorobenzene-d4	6.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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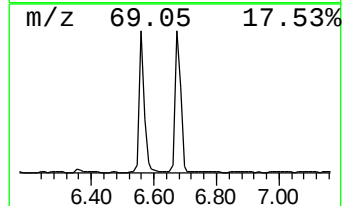
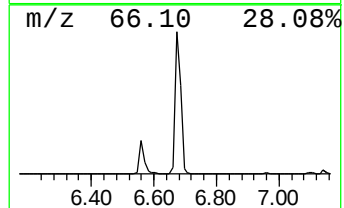
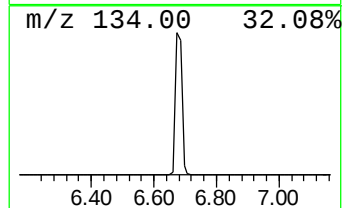
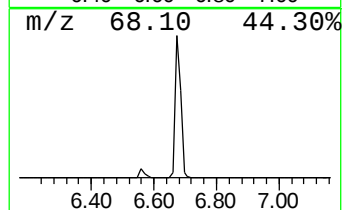
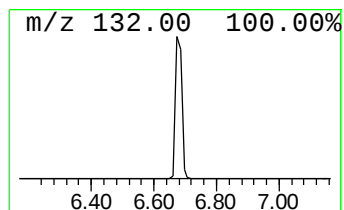
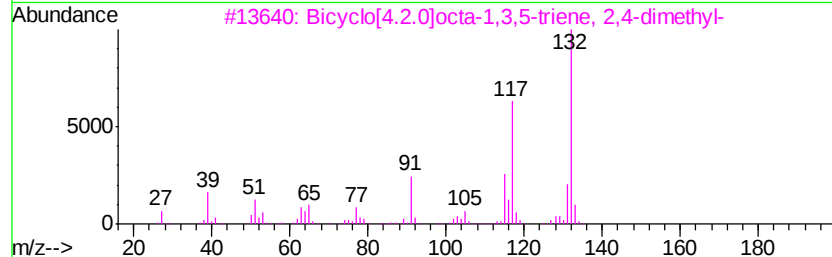
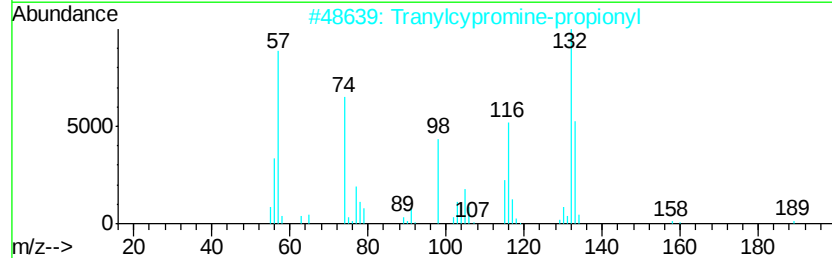
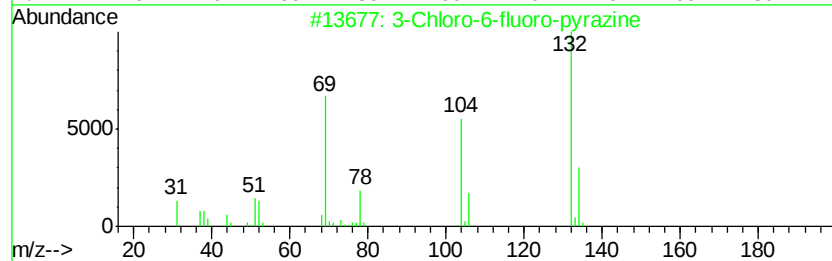
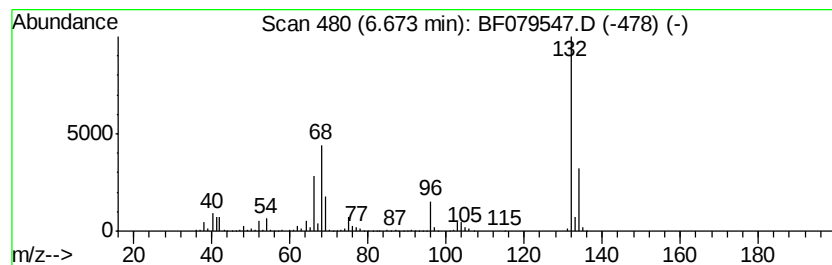
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	73.80 ng	1664950	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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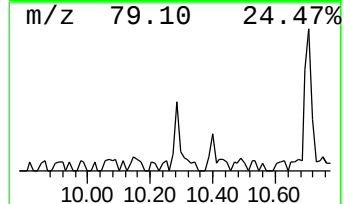
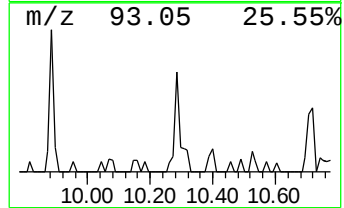
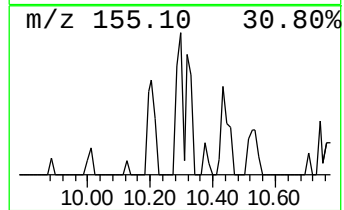
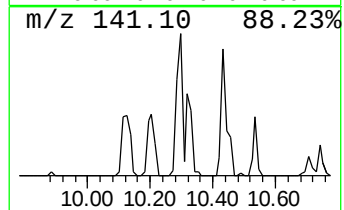
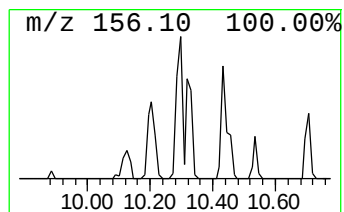
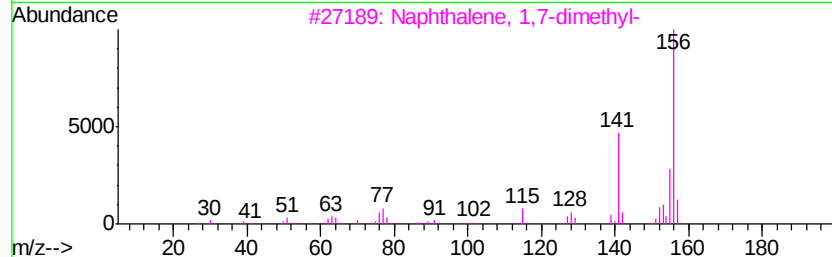
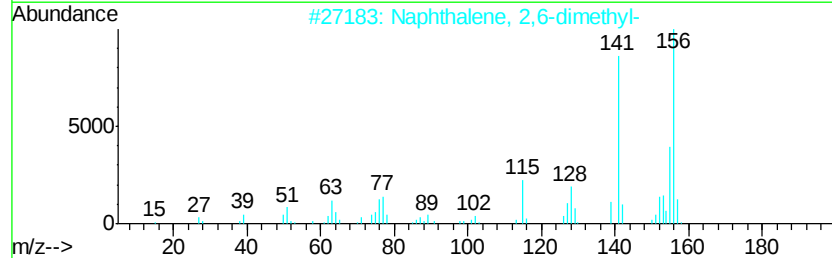
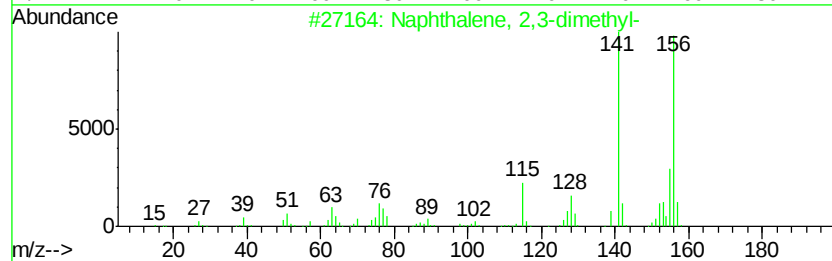
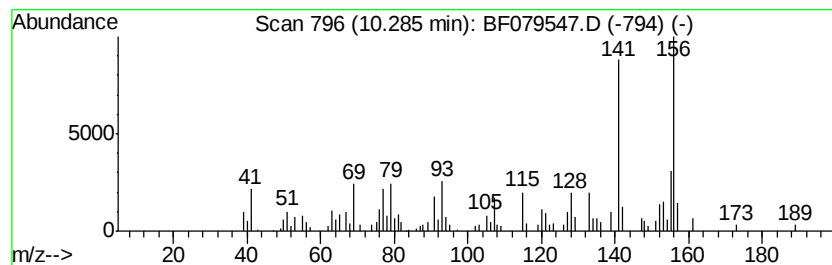
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	3.33 ng	124242	Acenaphthene-d10	10.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



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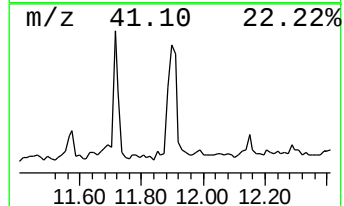
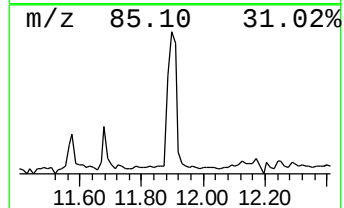
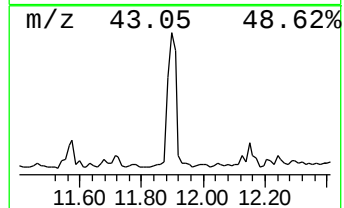
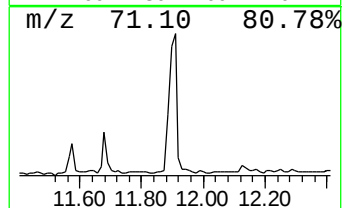
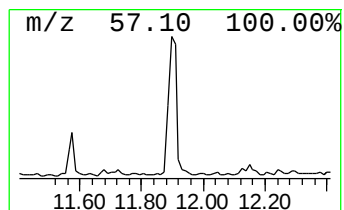
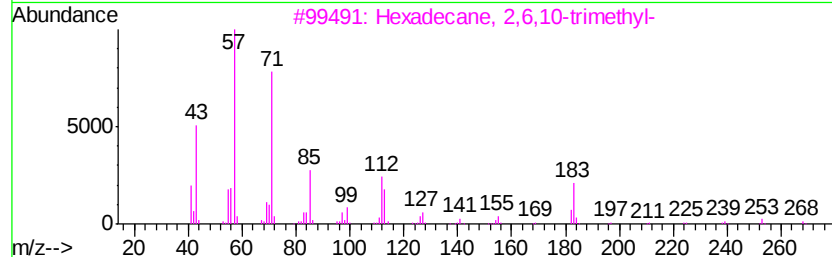
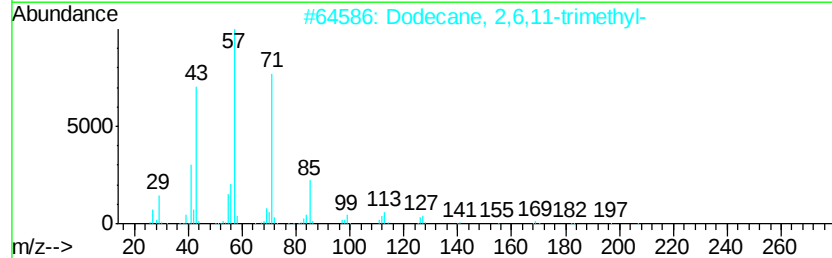
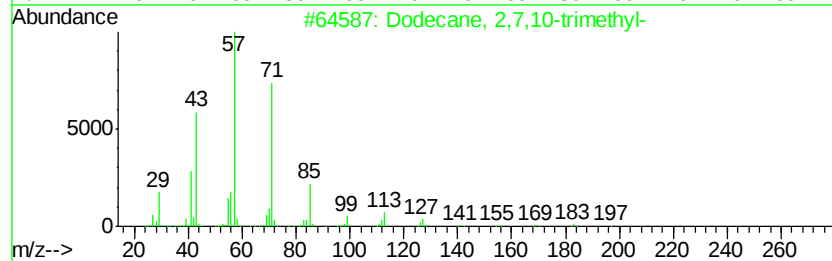
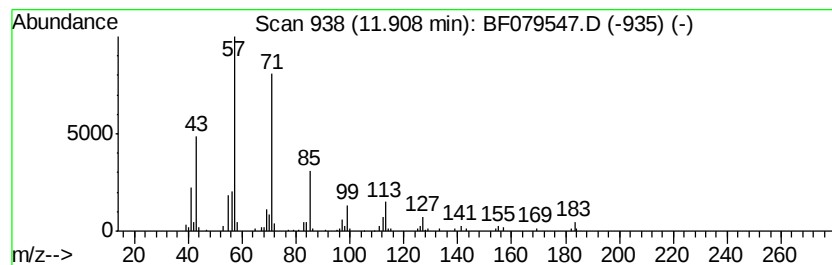
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	6.90 ng	236166	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	80
5		Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079547.D
Acq On : 28 May 2015 16:35
Operator : TP/IZ
Sample : G2386-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

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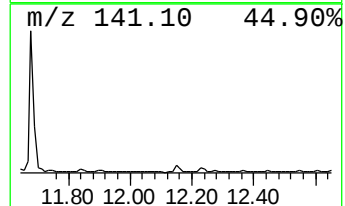
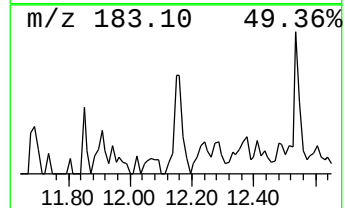
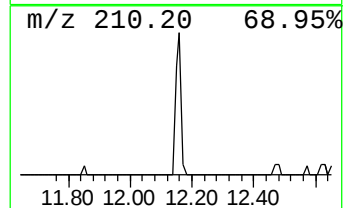
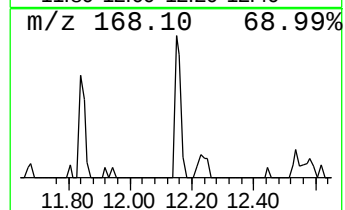
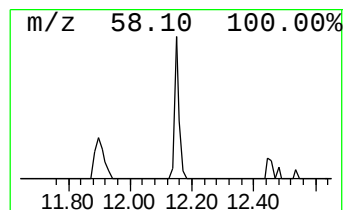
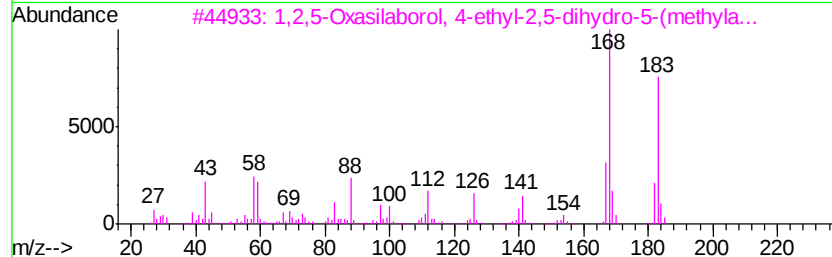
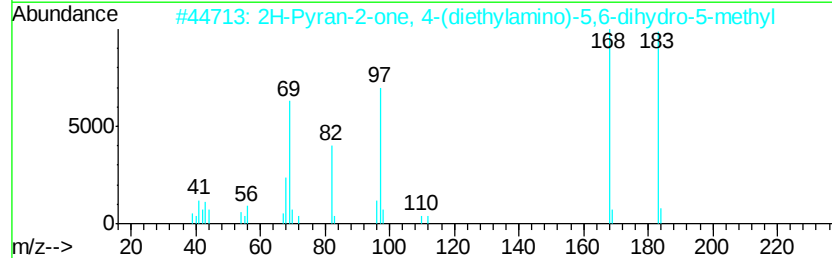
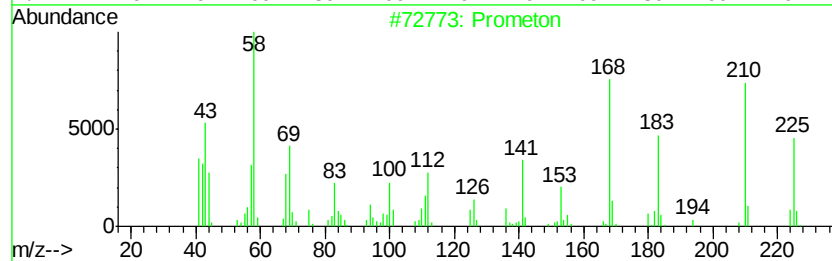
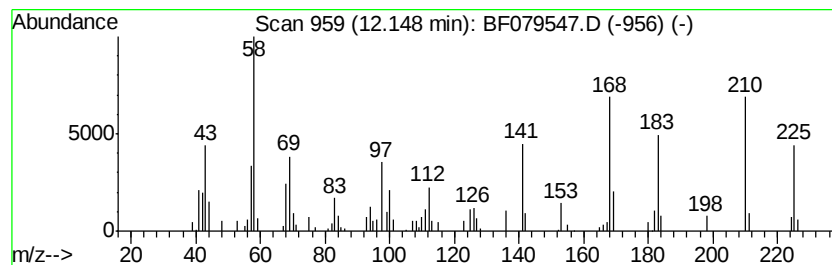
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Prometon Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.33 ng	114031	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Prometon	225	C10H19N5O	001610-18-0	99
2		2H-Pyran-2-one, 4-(diethylamino)...	183	C10H17N02	054774-87-7	18
3		1,2,5-Oxasilaborol, 4-ethyl-2,5-...	183	C8H18BN0Si	1000156-98-2	16
4		9-Hydroxy-4-methoxyvacridine	225	C14H11N02	035308-00-0	11
5		Ethanamine, 2-chloro-N,N-dimethyl-	107	C4H10ClN	000107-99-3	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
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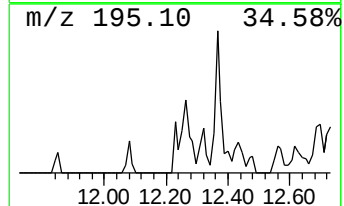
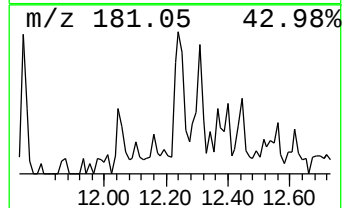
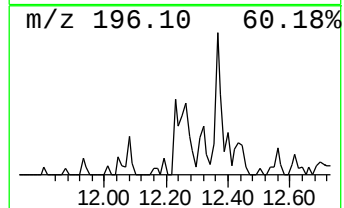
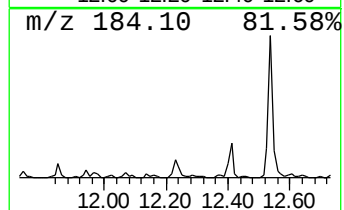
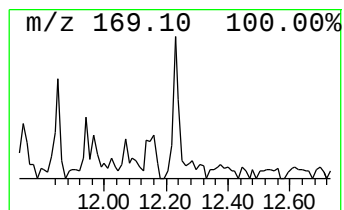
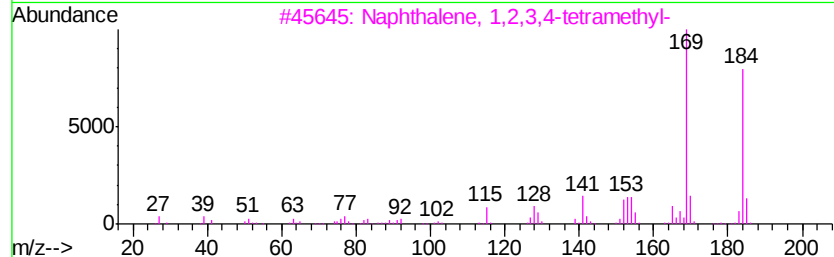
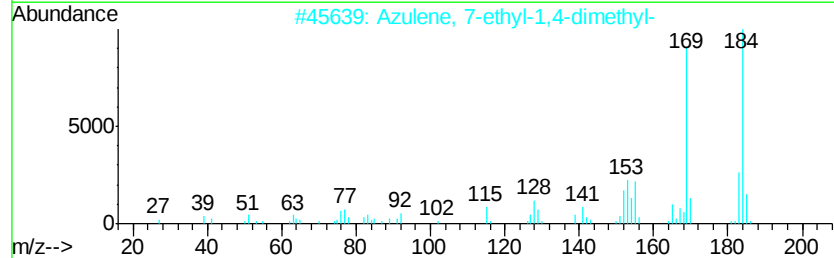
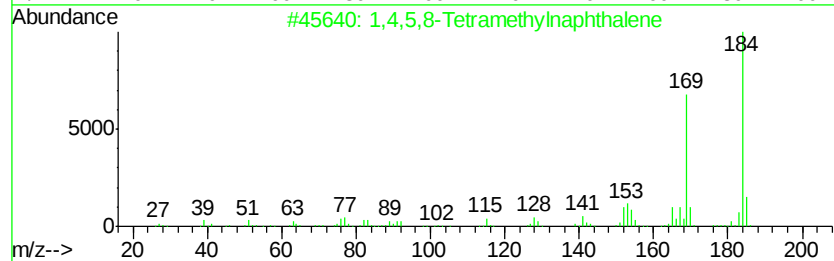
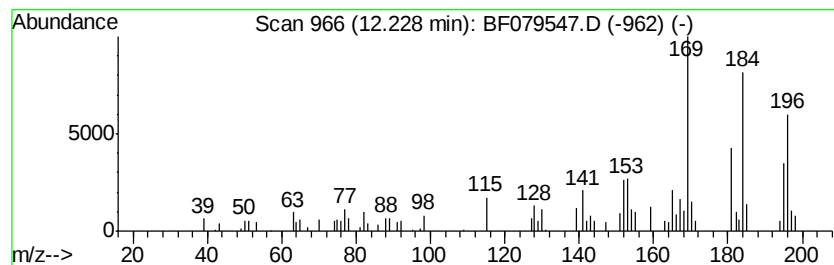
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,4,5,8-Tetramethylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.23	3.92 ng	134093	Phenanthrene-d10		12.54
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	86
2	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	60
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	55
4	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	53
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079547.D
Acq On : 28 May 2015 16:35
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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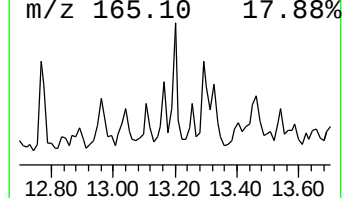
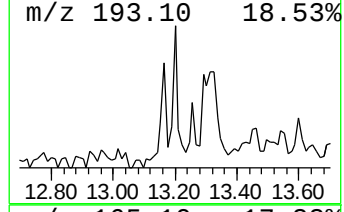
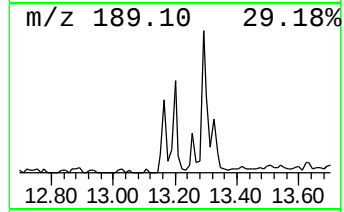
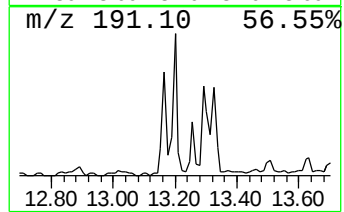
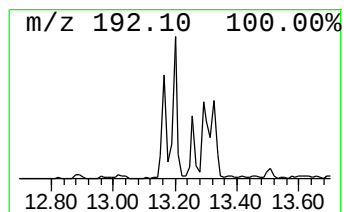
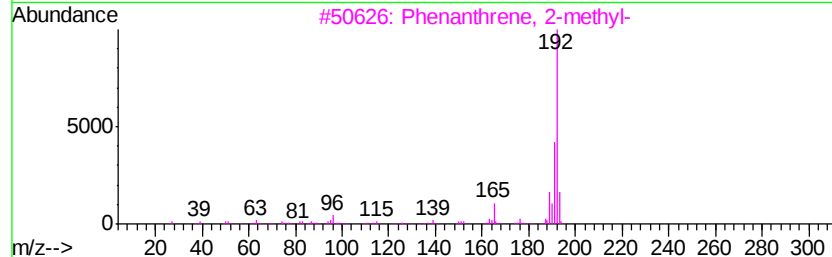
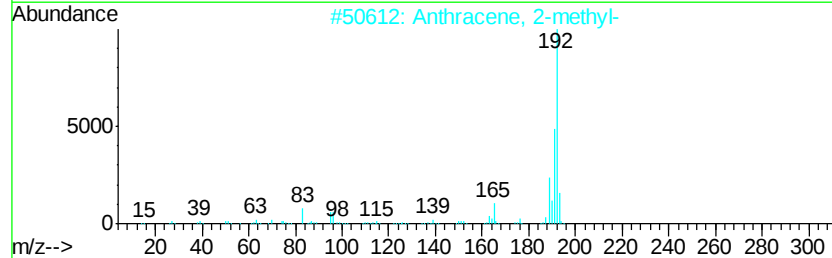
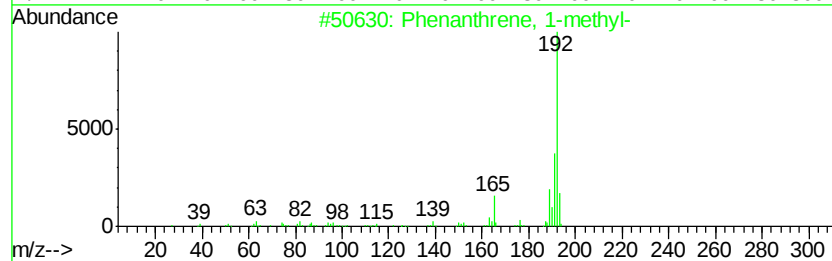
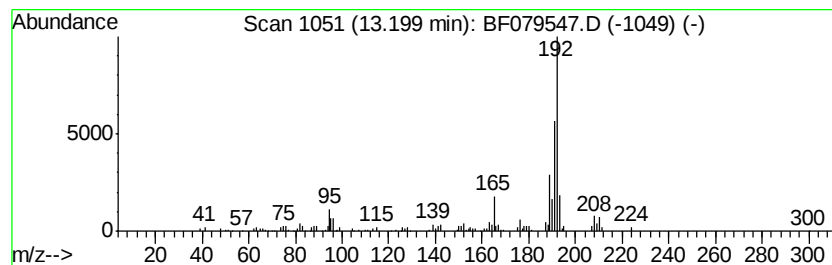
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	4.72 ng	161390	Phenanthrene-d10	12.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5			1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079547.D
Acq On : 28 May 2015 16:35
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Sample : G2386-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

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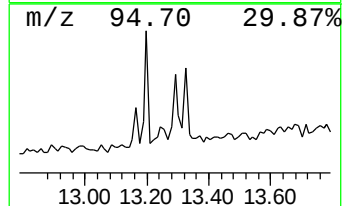
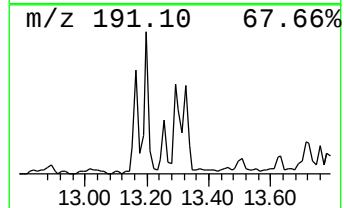
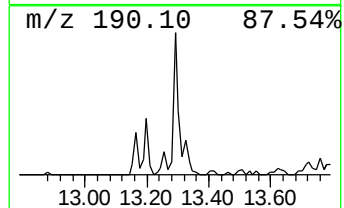
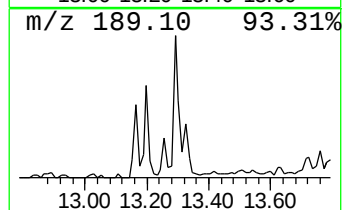
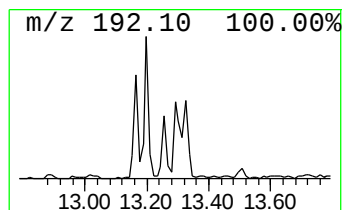
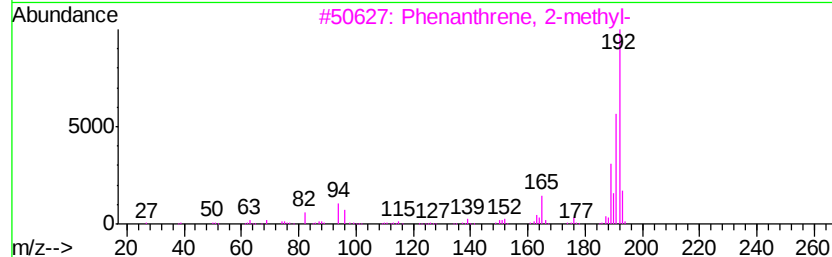
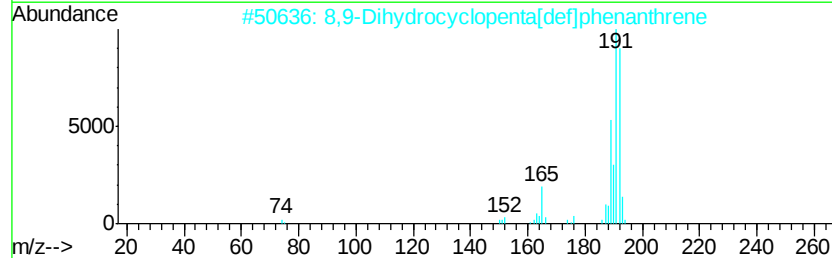
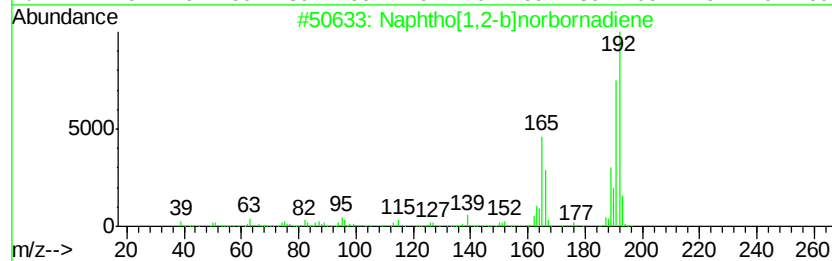
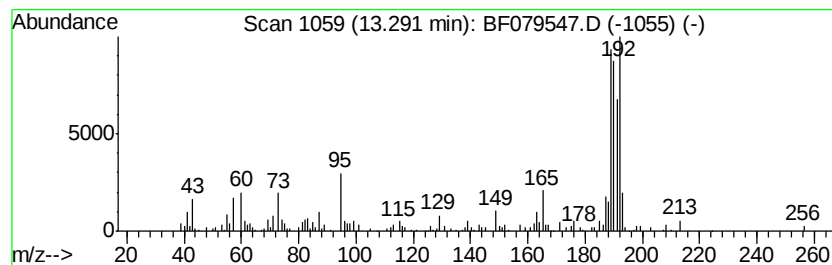
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphtho[1,2-b]norbornadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	11.68 ng	399531	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	52
2		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	51
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079547.D
Acq On : 28 May 2015 16:35
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Sample : G2386-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

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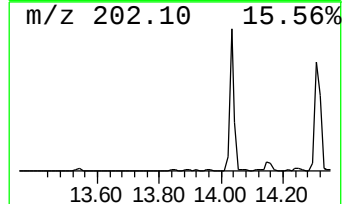
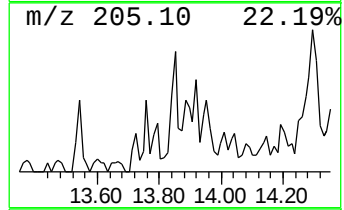
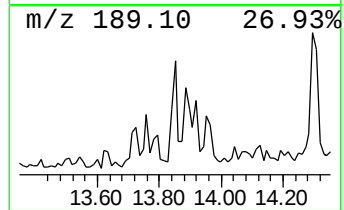
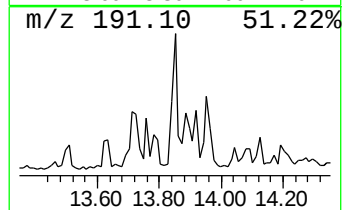
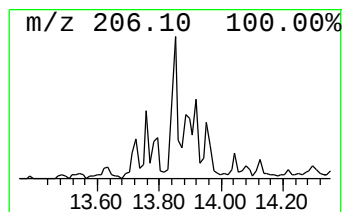
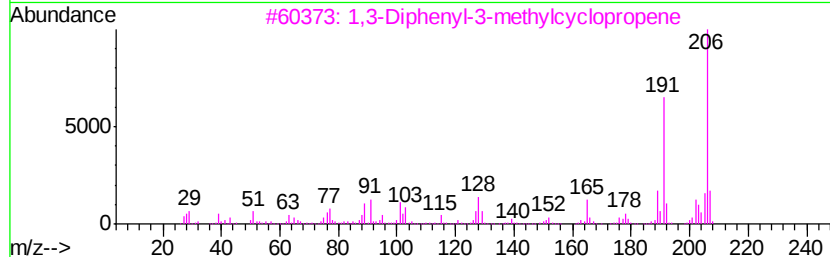
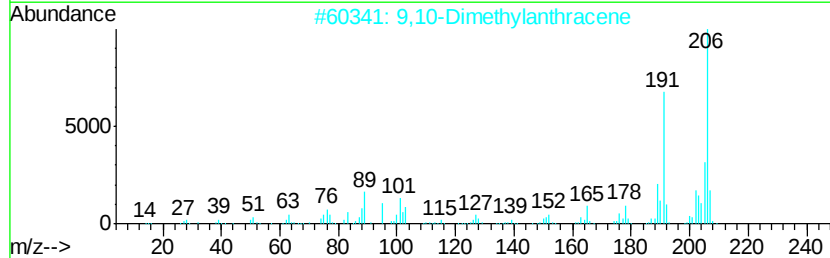
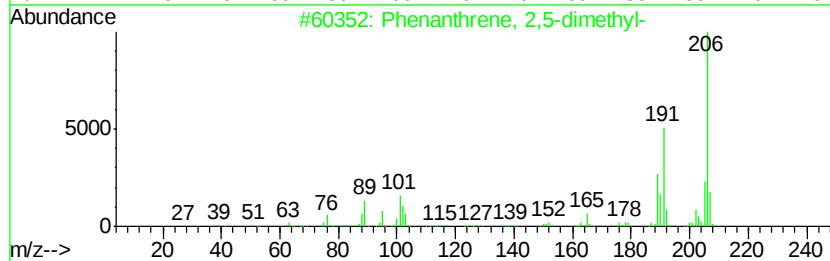
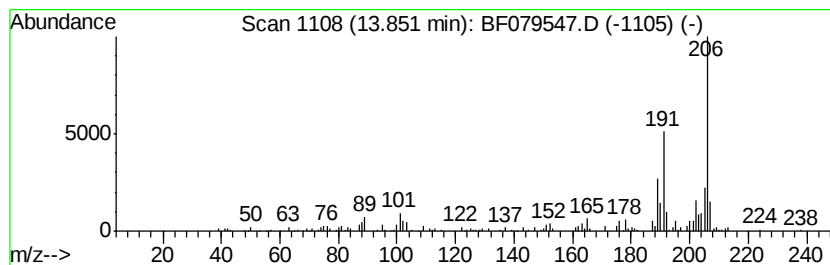
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.64 ng	124707	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	91
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079547.D
Acq On : 28 May 2015 16:35
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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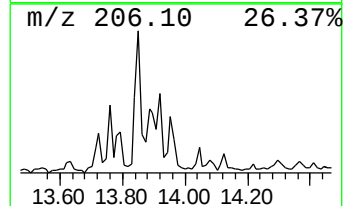
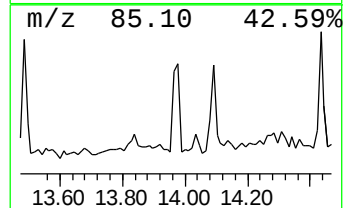
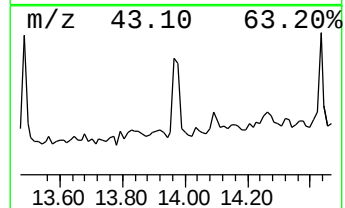
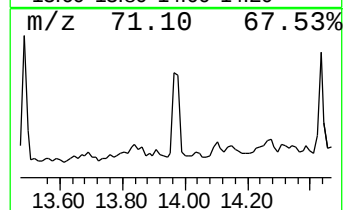
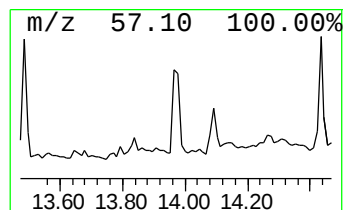
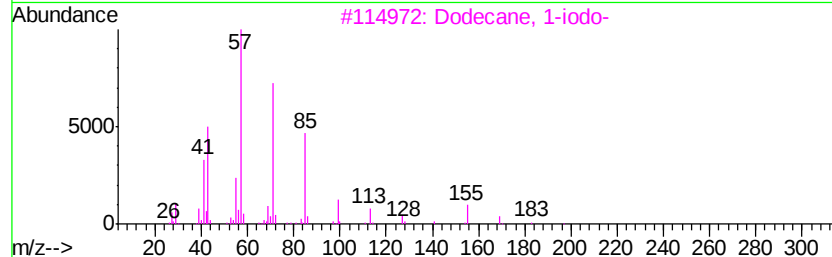
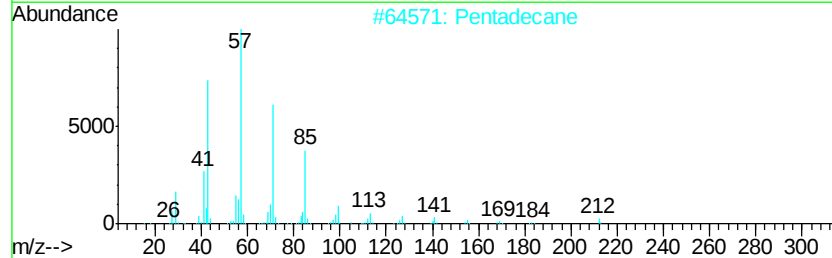
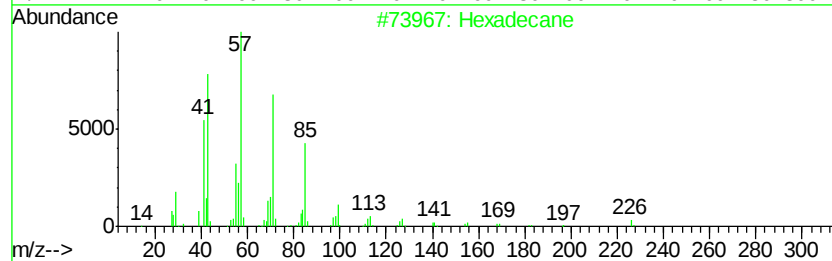
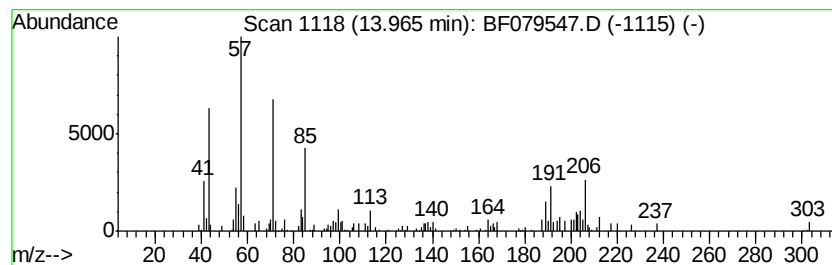
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.02 ng	137481	Phenanthrene-d10	12.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	64
2		Pentadecane	212	C15H32	000629-62-9	45
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
4		Eicosane	282	C20H42	000112-95-8	43
5		Octacosane	394	C28H58	000630-02-4	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
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Acq On : 28 May 2015 16:35
Operator : TP/IZ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8-SS

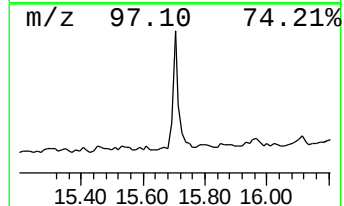
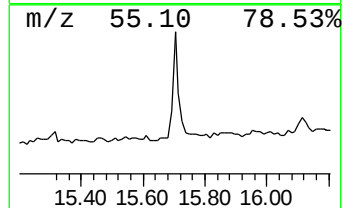
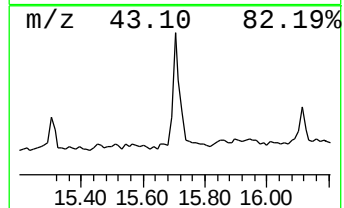
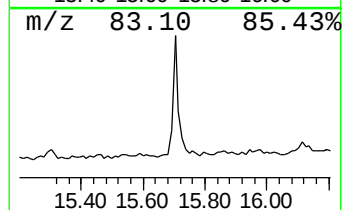
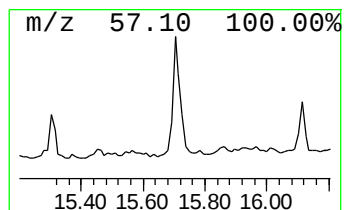
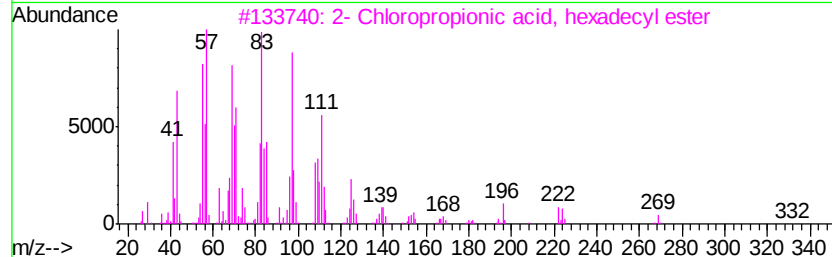
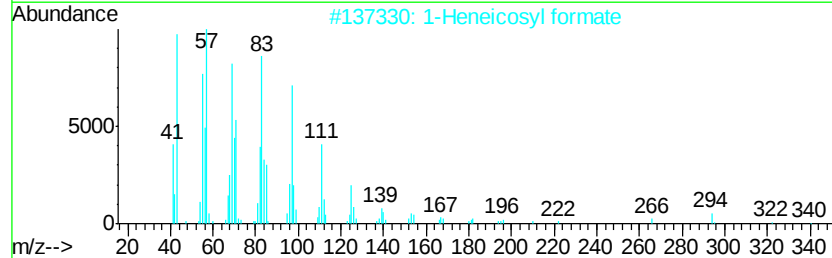
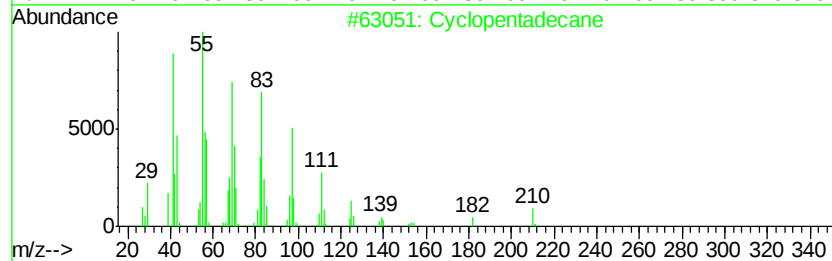
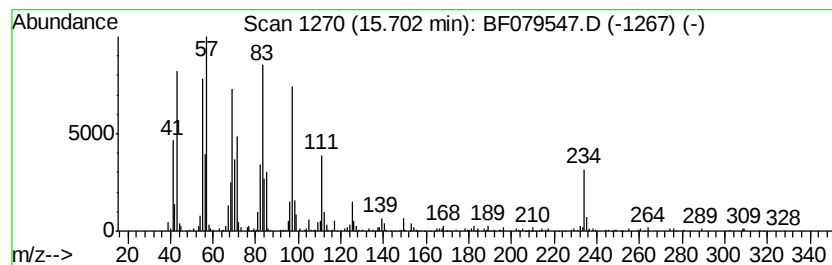
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	6.61 ng	451694	Chrysene-d12	15.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	97
2			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079547.D
Acq On : 28 May 2015 16:35
Operator : TP/IZ
Sample : G2386-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8-SS

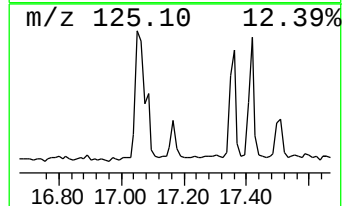
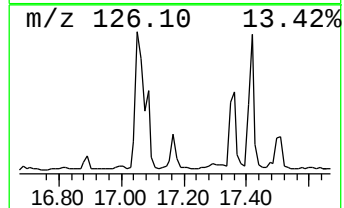
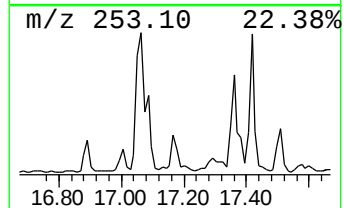
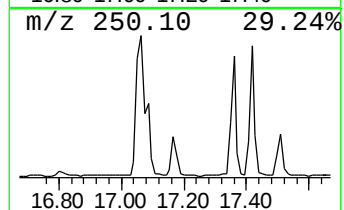
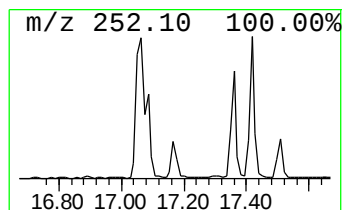
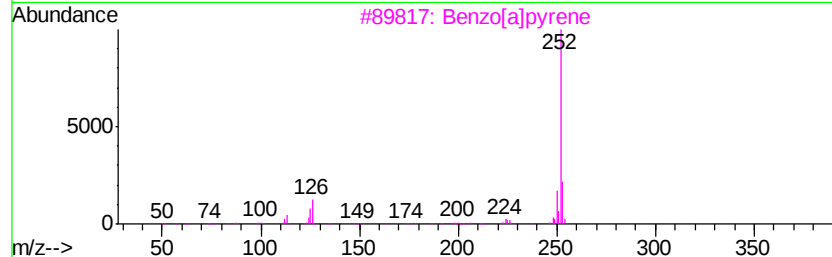
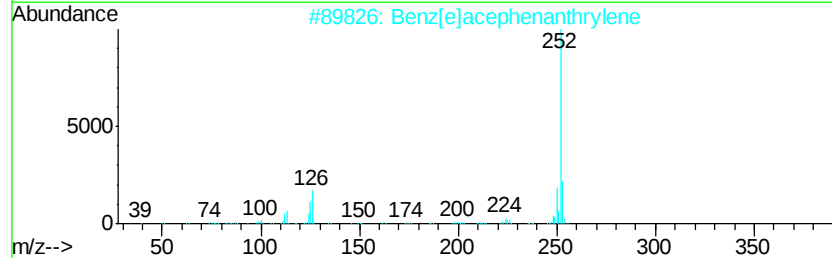
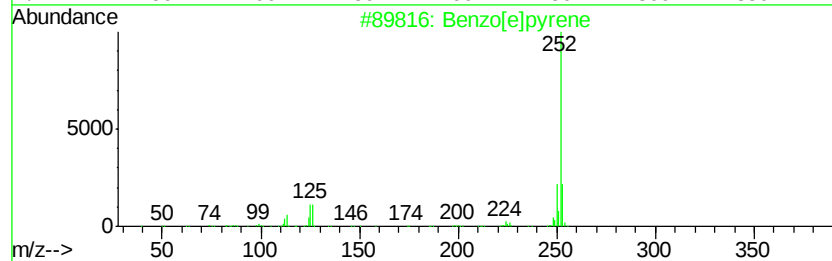
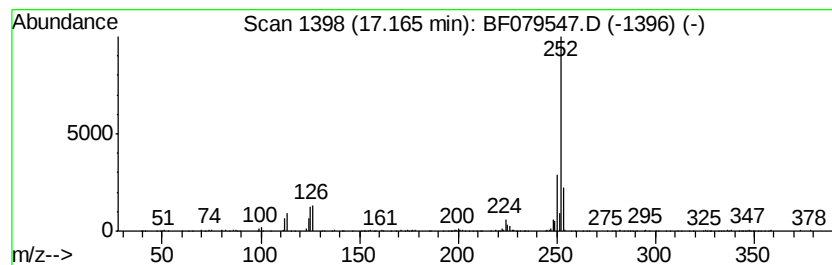
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	3.58 ng	168843	Perylene-d12	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	95
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	91
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079547.D
Acq On : 28 May 2015 16:35
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Sample : G2386-11
Misc :
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ClientSampleId :
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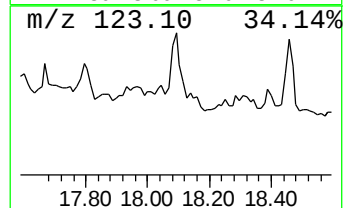
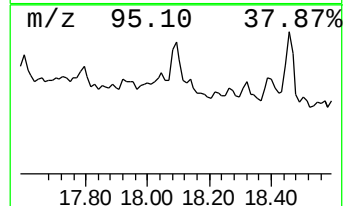
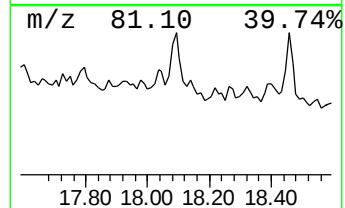
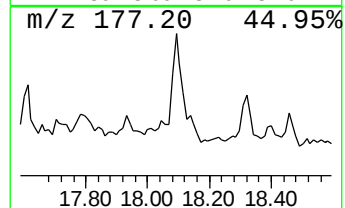
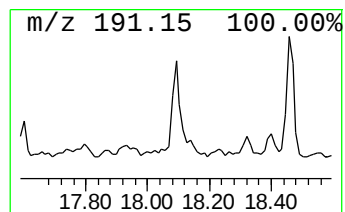
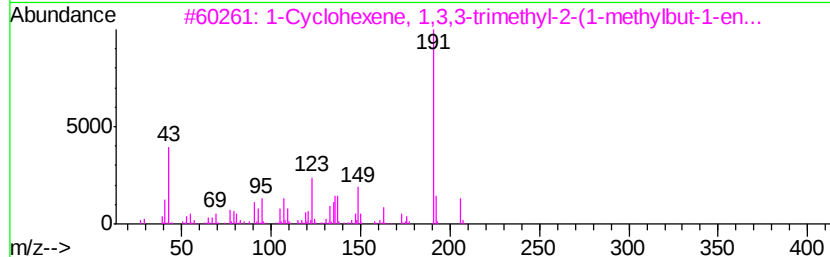
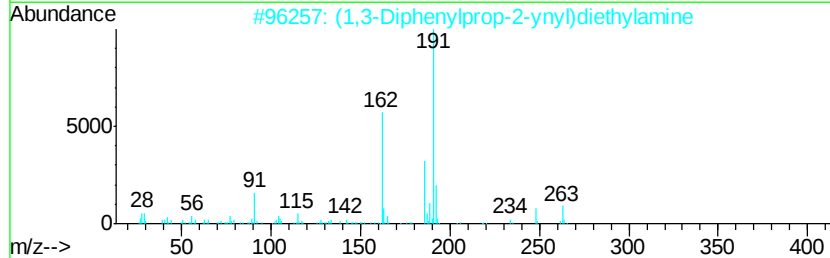
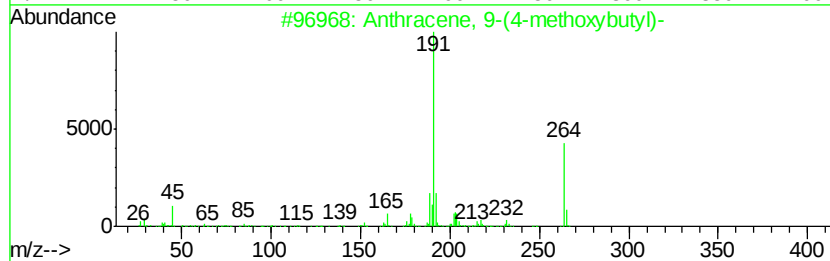
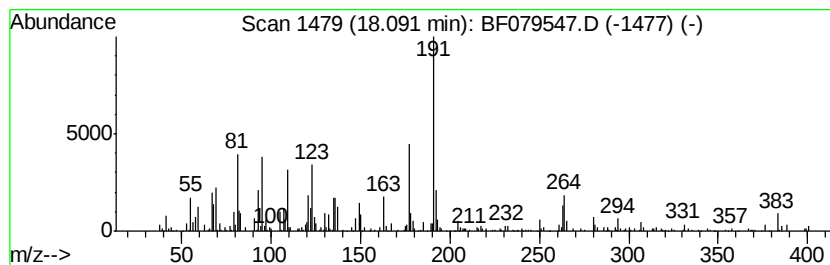
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown18.09 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.11 ng	193830	Perylene-d12	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-(4-methoxybutyl)-	264	C19H20O	144000-76-0	38
2			(1,3-Diphenylprop-2-ynyl)diethyl...	263	C19H21N	1000188-31-2	38
3			1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	37
4			2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	32
5			1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	32



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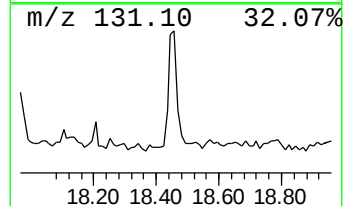
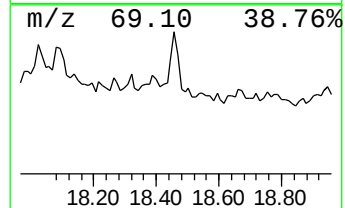
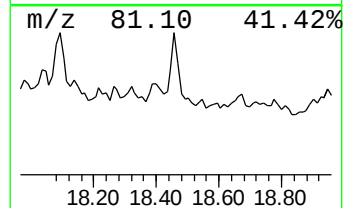
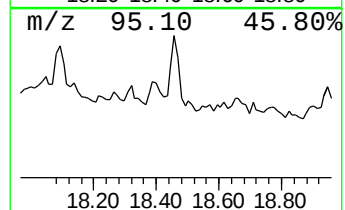
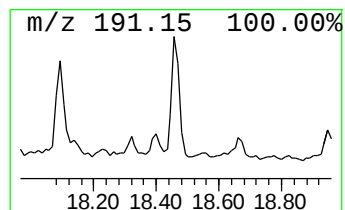
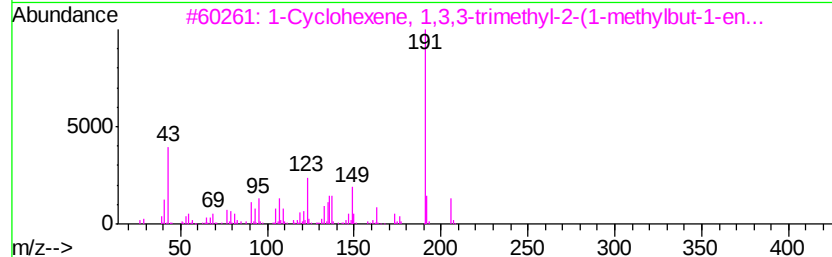
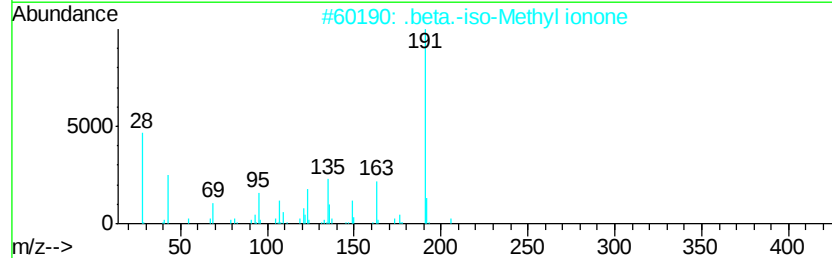
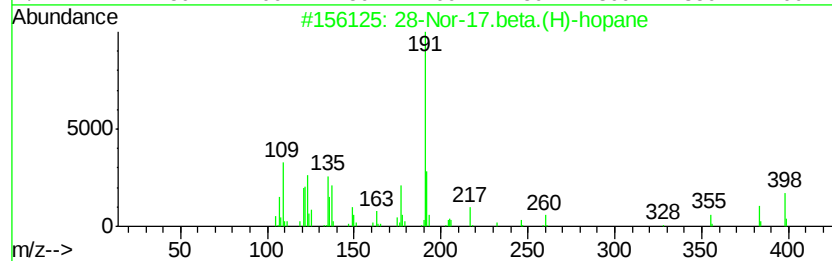
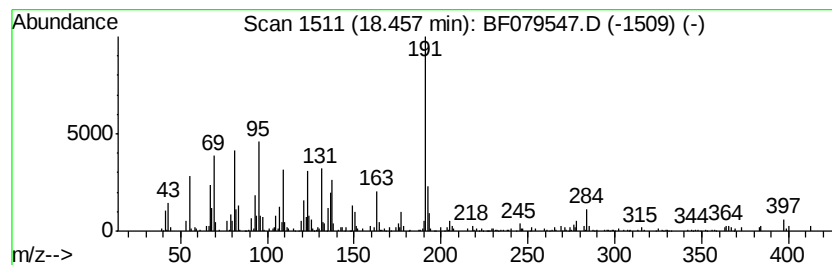
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 28-Nor-17.beta.(H)-hopane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	6.99 ng	329894	Perylene-d12	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	62
2		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
3		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	37
4		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	37
5		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	32



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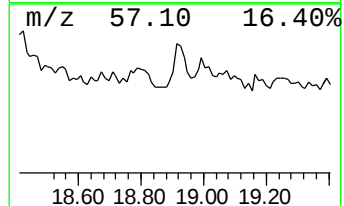
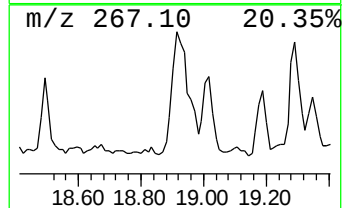
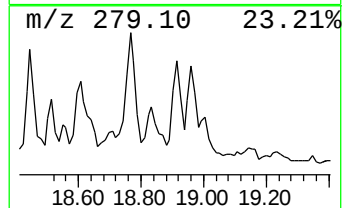
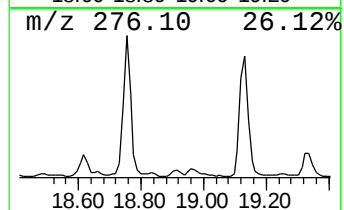
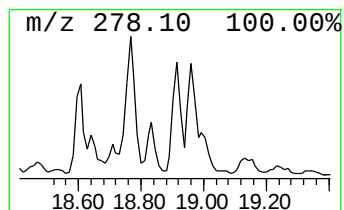
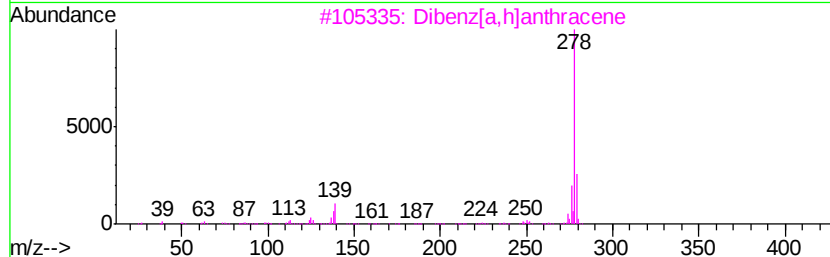
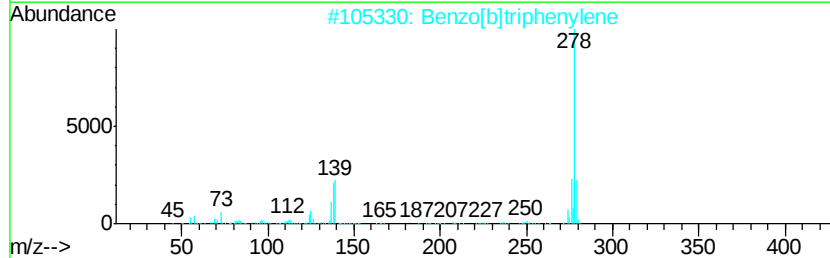
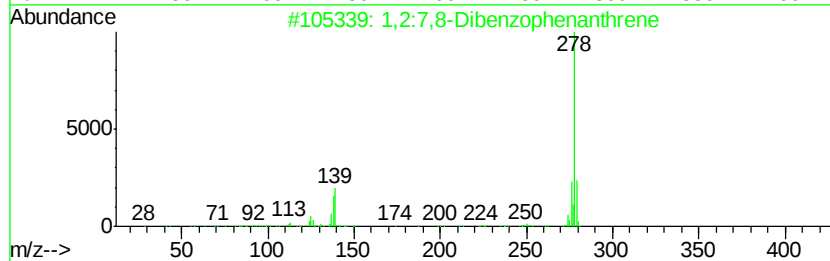
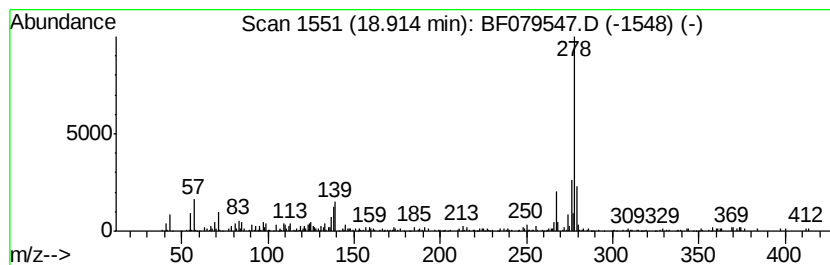
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2:7,8-Dibenzophenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	4.78 ng	225280	Perylene-d12	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	91
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	91
3			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91
4			Pentaphene	278	C22H14	000222-93-5	83
5			Benzo[b]chrysene	278	C22H14	000214-17-5	83



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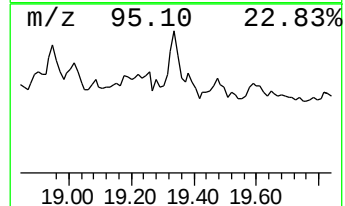
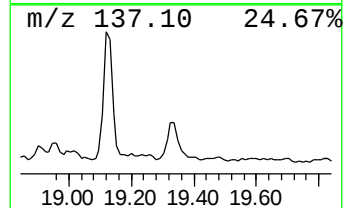
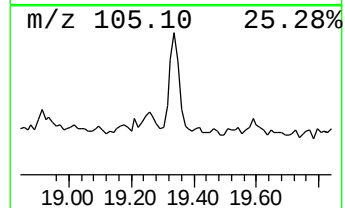
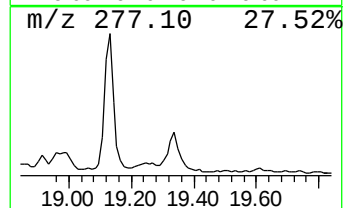
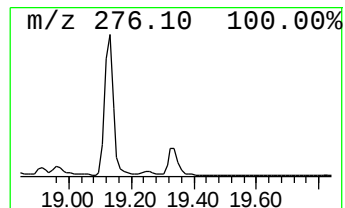
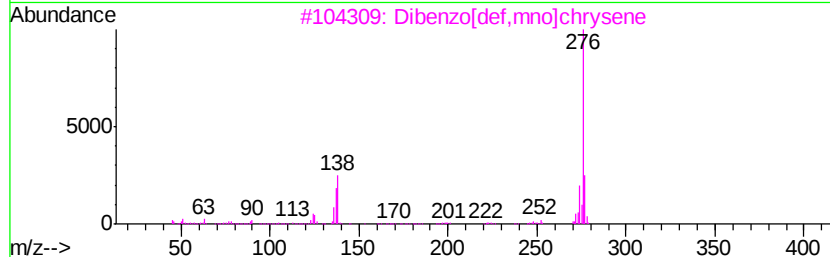
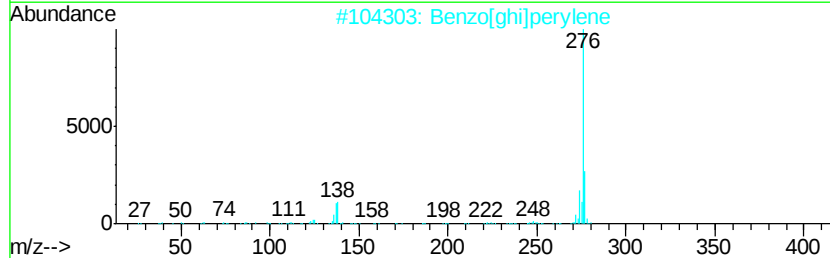
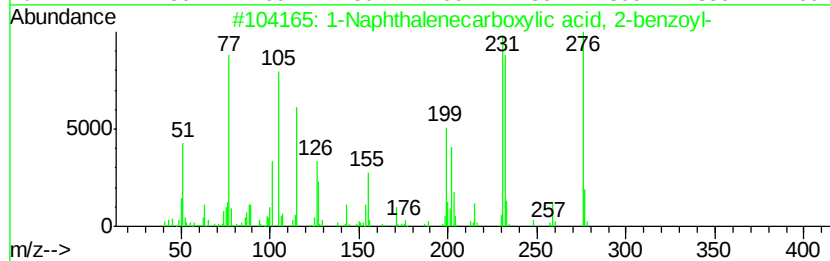
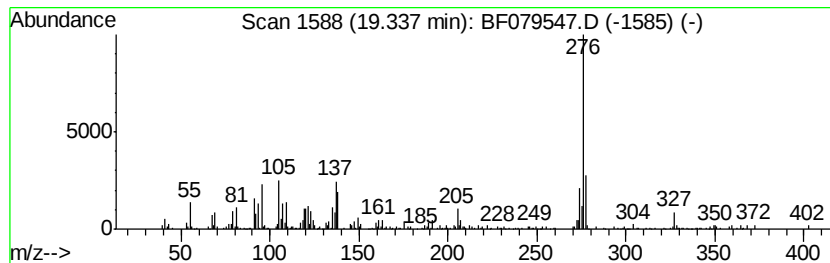
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Naphthalenecarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	7.86 ng	370837	Perylene-d12	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	86
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	76
3		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	58
4		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	58
5		Benzene, 1-di(4-morpholyl)methyl...	362	C23H26N2O2	296244-91-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052815\
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 Acq On : 28 May 2015 16:35
 Operator : TP/IZ
 Sample : G2386-11
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Instrument :
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 ClientSampleId :
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 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...	4.67	4.8 ng		107505	1	6.96	451186	20.0
unknown6.67	6.67	73.8 ng		1664950	1	6.96	451186	20.0
Naphthalene, 2,3-...	10.28	3.3 ng		124242	3	10.71	745888	20.0
Dodecane, 2,7,10-...	11.91	6.9 ng		236166	4	12.54	684415	20.0
Prometon	12.15	3.3 ng		114031	4	12.54	684415	20.0
1,4,5,8-Tetrameth...	12.23	3.9 ng		134093	4	12.54	684415	20.0
Phenanthrene, 1-m...	13.20	4.7 ng		161390	4	12.54	684415	20.0
Naphtho[1,2-b]nor...	13.29	11.7 ng		399531	4	12.54	684415	20.0
Phenanthrene, 2,5...	13.85	3.6 ng		124707	4	12.54	684415	20.0
Hexadecane	13.97	4.0 ng		137481	4	12.54	684415	20.0
Cyclopentadecane	15.70	6.6 ng		451694	5	15.81	1367250	20.0
Benzo[e]pyrene	17.17	3.6 ng		168843	6	17.47	943353	20.0
unknown18.09	18.09	4.1 ng		193830	6	17.47	943353	20.0
28-Nor-17.beta.(H...	18.46	7.0 ng		329894	6	17.47	943353	20.0
1,2:7,8-Dibenzoph...	18.91	4.8 ng		225280	6	17.47	943353	20.0
1-Naphthalenecarb...	19.34	7.9 ng		370837	6	17.47	943353	20.0