

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089378.D
 Acq On : 28 Jul 2016 22:43
 Operator : UM/SJ
 Sample : H4205-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-2.5-3.5

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-BF072716.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	1.678	7	8	59	rVB	1212013	2550616	100.00%	14.765%
2	3.073	126	130	140	rBV	28303	64688	2.54%	0.374%
3	4.616	262	265	280	rBV	97077	152512	5.98%	0.883%
4	5.084	305	306	324	rBV	477771	851833	33.40%	4.931%
5	6.182	400	402	410	rBV	829315	1003596	39.35%	5.810%
6	6.285	410	411	414	rBV	648747	904564	35.46%	5.236%
7	6.525	430	432	443	rBV	241805	268320	10.52%	1.553%
8	6.673	443	445	448	rBV	588208	653951	25.64%	3.786%
9	6.970	469	471	480	rBV	47042	91865	3.60%	0.532%
10	7.096	480	482	501	rVB	567121	642994	25.21%	3.722%
11	7.805	542	544	556	rBV	284698	393886	15.44%	2.280%
12	8.890	636	639	641	rBV	1358720	1165116	45.68%	6.745%
13	9.291	672	674	676	rBV	282920	237512	9.31%	1.375%
14	9.553	695	697	699	rBV	509257	441192	17.30%	2.554%
15	10.342	764	766	768	rBV	524737	613269	24.04%	3.550%
16	10.479	776	778	782	rBV	25691	34173	1.34%	0.198%
17	10.925	815	817	818	rBV	29127	28042	1.10%	0.162%
18	11.028	823	826	831	rBV2	367898	668718	26.22%	3.871%
19	11.108	831	833	835	rVB	34313	48010	1.88%	0.278%
20	11.268	845	847	851	rBV	15118	27161	1.06%	0.157%
21	11.382	855	857	859	rVB	95526	91458	3.59%	0.529%
22	11.531	867	870	871	rBV	30430	48923	1.92%	0.283%
23	11.554	871	872	873	rVV	56125	49499	1.94%	0.287%
24	11.634	877	879	885	rVB2	80106	125442	4.92%	0.726%
25	11.828	892	896	897	rBV	19176	32657	1.28%	0.189%
26	11.851	897	898	901	rVV	28728	28842	1.13%	0.167%
27	12.068	915	917	919	rBV	32513	45026	1.77%	0.261%
28	12.102	919	920	922	rVV	21397	33156	1.30%	0.192%
29	12.159	924	925	929	rVB2	34726	38147	1.50%	0.221%
30	12.228	929	931	934	rBV	545040	510106	20.00%	2.953%
31	12.274	934	935	941	rVB4	29528	48181	1.89%	0.279%
32	12.377	941	944	946	rBV	25108	34970	1.37%	0.202%
33	12.457	948	951	952	rVV	317304	481838	18.89%	2.789%
34	12.479	952	953	960	rVB4	68841	141016	5.53%	0.816%

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35	12.605	962	964	969	rVV2	659745	1205563	47.27%	6.979%
36	12.674	969	970	973	rVV	34895	47215	1.85%	0.273%
37	12.788	976	980	982	rVB	44034	93673	3.67%	0.542%
38	12.857	982	986	987	rBV	37288	64683	2.54%	0.374%
39	12.879	987	988	995	rVB2	39232	74124	2.91%	0.429%
40	12.971	995	996	998	rBV	25280	26223	1.03%	0.152%
41	13.200	1011	1016	1020	rBV7	18409	49223	1.93%	0.285%
42	13.291	1023	1024	1028	rVB	31357	41375	1.62%	0.240%
43	13.394	1031	1033	1038	rBV3	35623	105066	4.12%	0.608%
44	13.520	1041	1044	1052	rBV4	72558	141277	5.54%	0.818%
45	13.645	1052	1055	1062	rBV2	357134	767366	30.09%	4.442%
46	13.748	1062	1064	1066	rVB2	29124	31066	1.22%	0.180%
47	13.851	1066	1073	1075	rBV6	19165	55890	2.19%	0.324%
48	14.034	1084	1089	1091	rBV	42293	76717	3.01%	0.444%
49	14.148	1098	1099	1105	rVB4	48771	100669	3.95%	0.583%
50	14.354	1114	1117	1121	rBV5	18274	43430	1.70%	0.251%
51	14.503	1128	1130	1133	rBV2	20872	27243	1.07%	0.158%
52	14.640	1139	1142	1148	rBV	205551	410530	16.10%	2.377%
53	14.720	1148	1149	1151	rBV	80544	83938	3.29%	0.486%
54	14.880	1161	1163	1166	rBV	122378	135479	5.31%	0.784%
55	14.937	1166	1168	1170	rVV	127242	188779	7.40%	1.093%
56	14.983	1170	1172	1184	rVB2	238471	381382	14.95%	2.208%
57	15.383	1205	1207	1208	rBV	23390	33737	1.32%	0.195%
58	15.428	1208	1211	1214	rVB2	14926	32312	1.27%	0.187%
59	16.011	1259	1262	1263	rBV3	12734	25893	1.02%	0.150%
60	16.171	1273	1276	1280	rBV2	63656	120045	4.71%	0.695%
61	16.320	1286	1289	1291	rBV3	13762	33612	1.32%	0.195%
62	16.366	1291	1293	1302	rVB4	19260	72553	2.84%	0.420%
63	16.526	1303	1307	1311	rBV	47942	107502	4.21%	0.622%
64	16.617	1311	1315	1320	rVV3	17940	53910	2.11%	0.312%
65	16.720	1322	1324	1332	rVB2	13899	43255	1.70%	0.250%
66	18.343	1460	1466	1472	rBV3	11320	49248	1.93%	0.285%

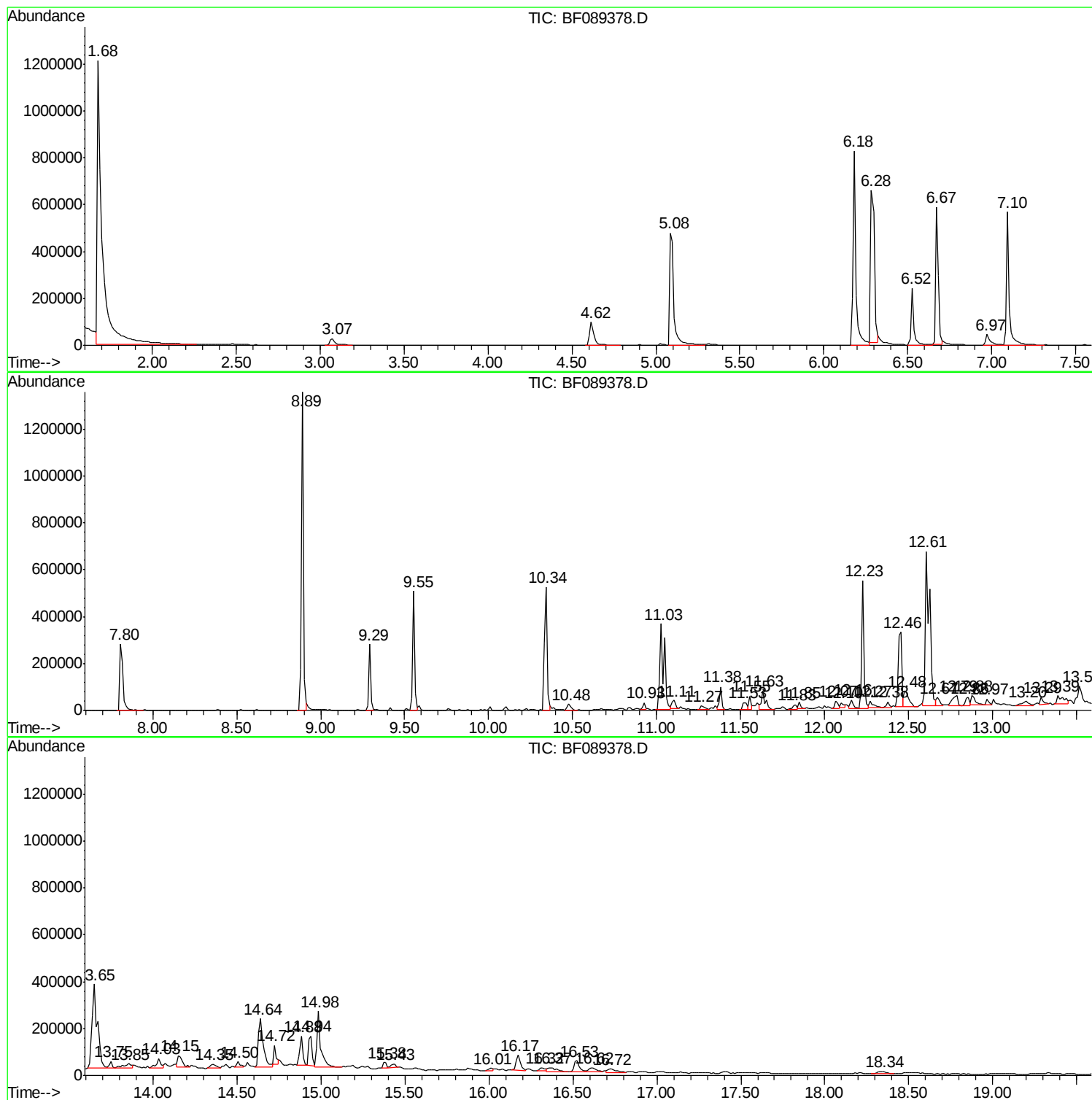
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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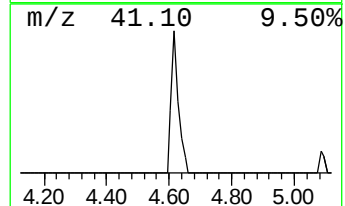
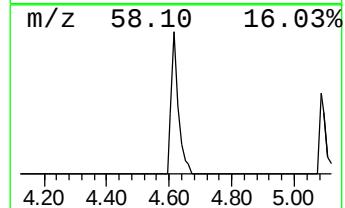
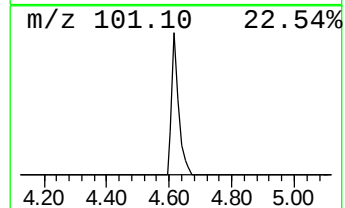
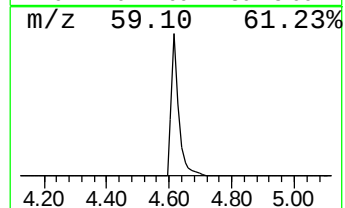
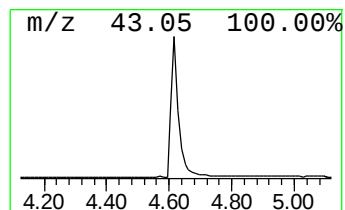
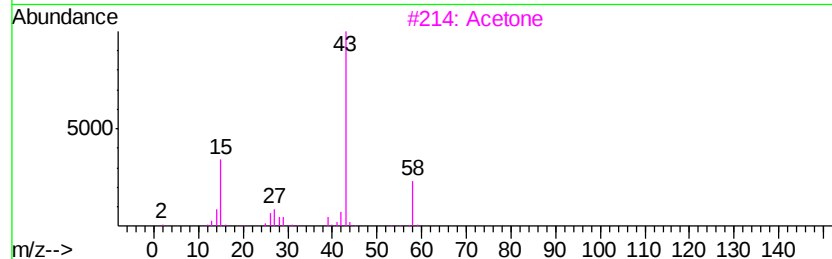
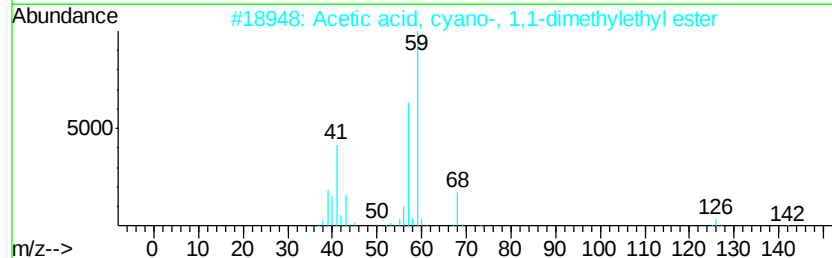
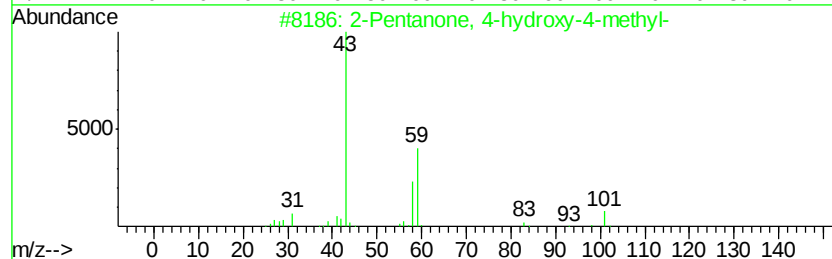
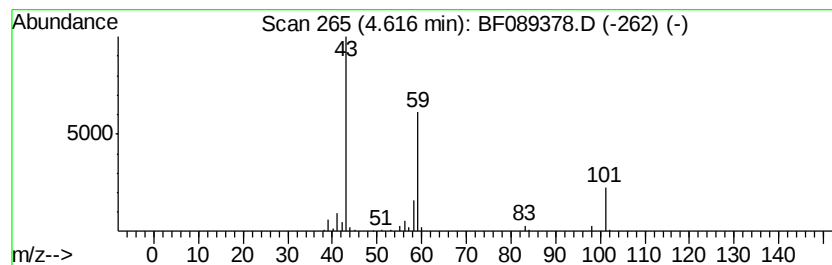
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	11.37 ng	152512	1,4-Dichlorobenzene-d4	6.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17	
3	Acetone	58	C3H6O	000067-64-1	9	
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9	
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	



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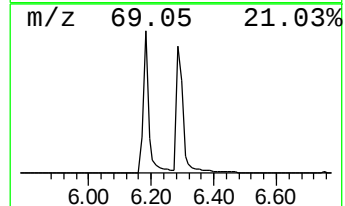
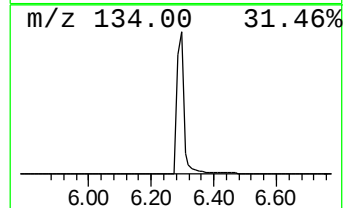
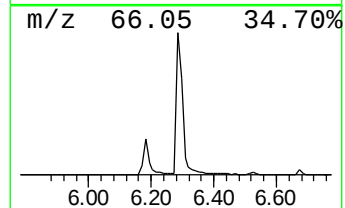
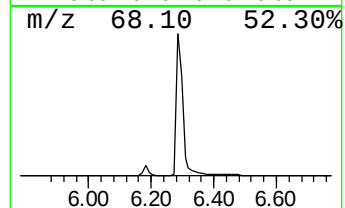
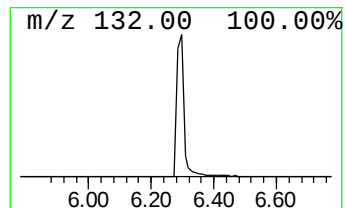
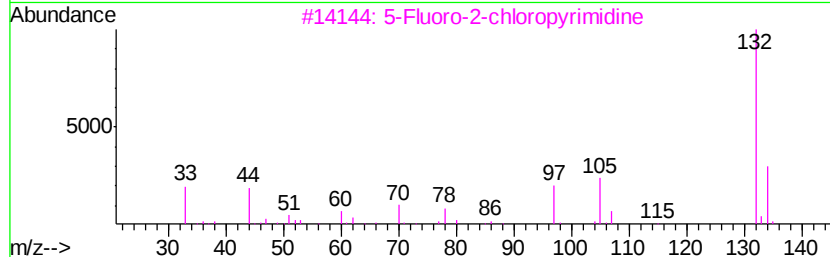
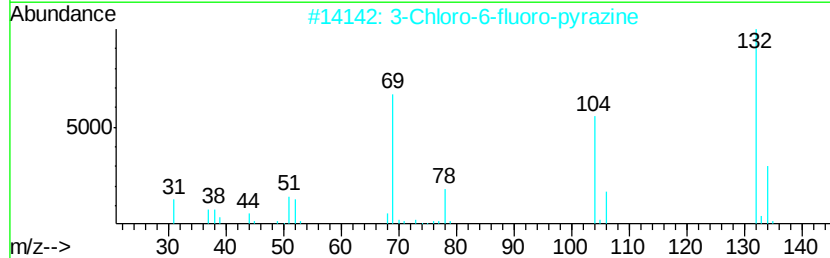
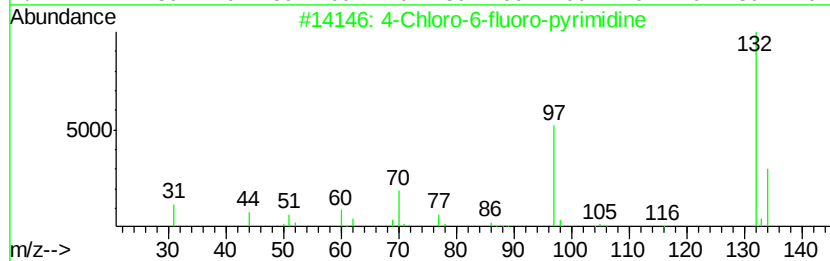
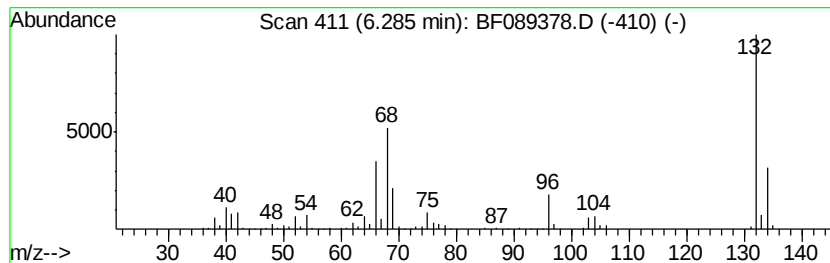
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.28 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	67.42 ng	904564	1,4-Dichlorobenzene-d4	6.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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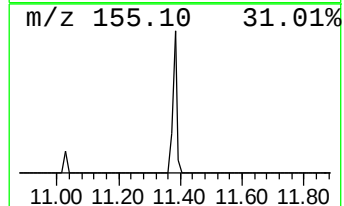
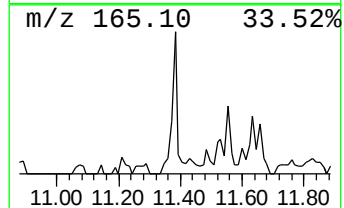
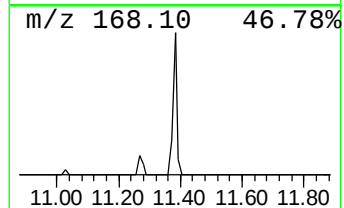
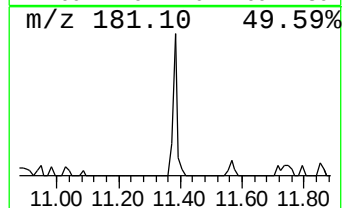
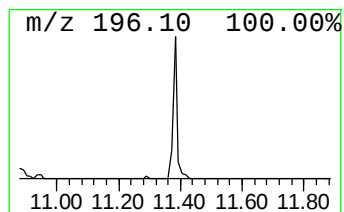
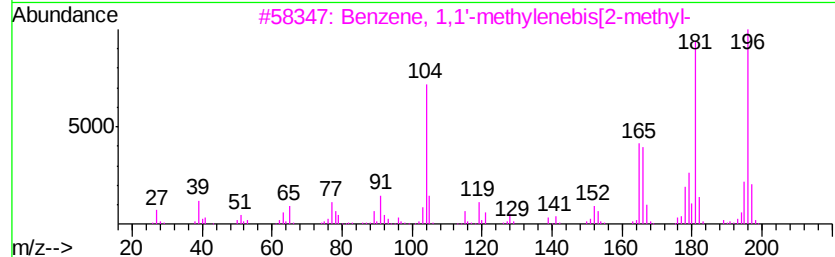
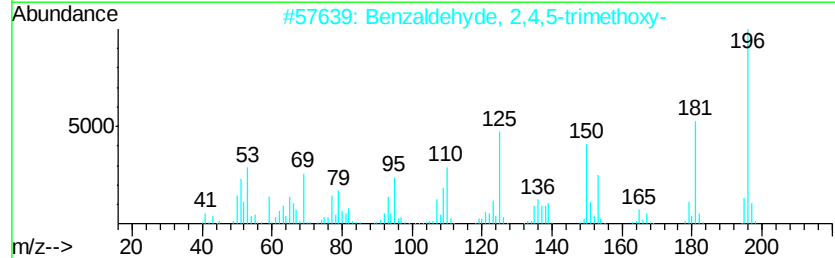
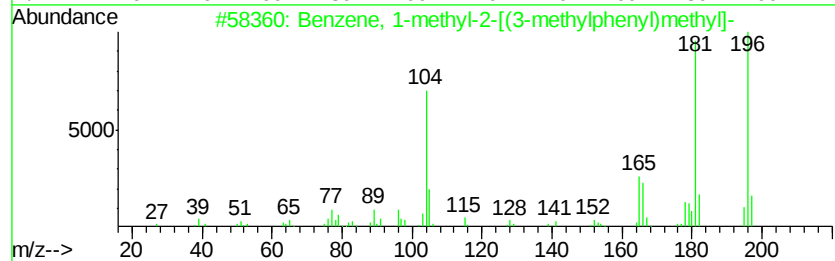
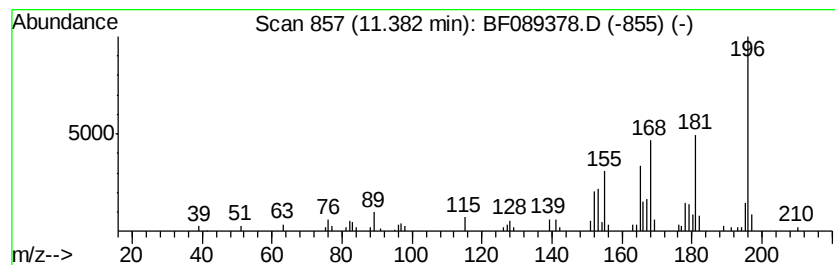
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-methyl-2-[(3-met... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.38	2.74 ng	91458	Phenanthrene-d10	11.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	50
2		Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	49
3		Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	46
4		Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	46
5		Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	43



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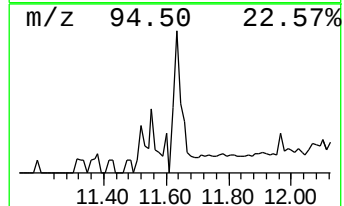
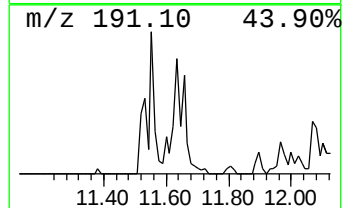
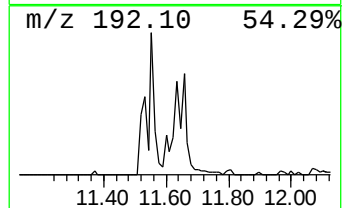
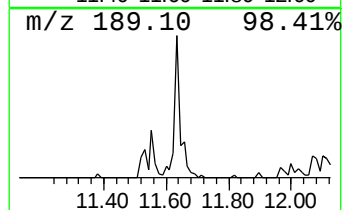
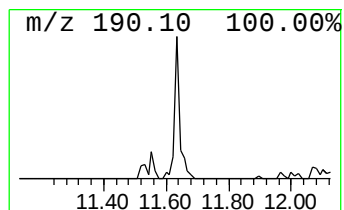
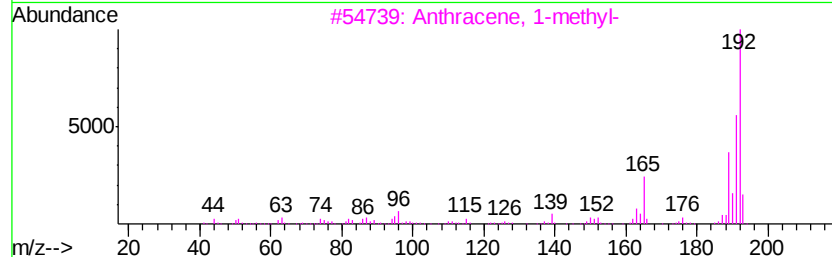
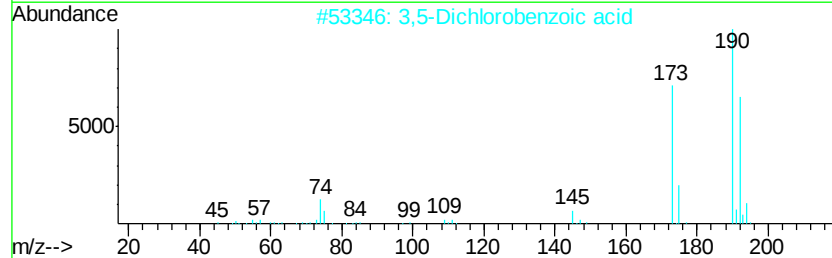
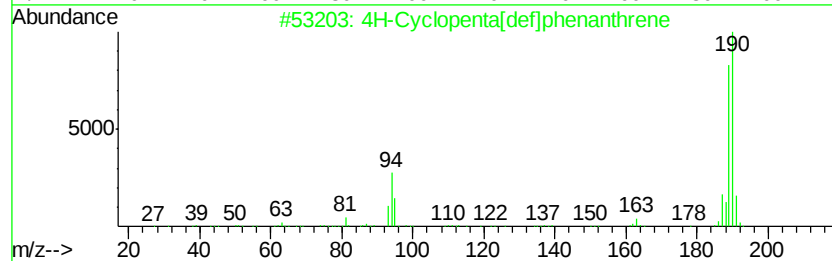
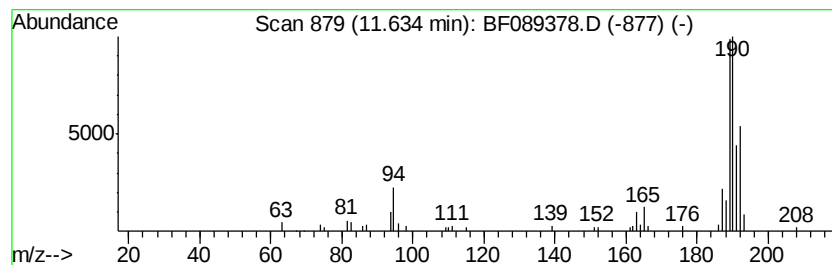
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TIC Library : C:\Database\NIST11.L
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Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	3.75 ng	125442	Phenanthrene-d10	11.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2		3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	25
4		2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20



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ClientSampleId :
SB-40-2.5-3.5

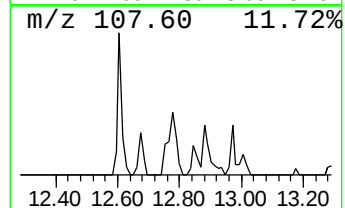
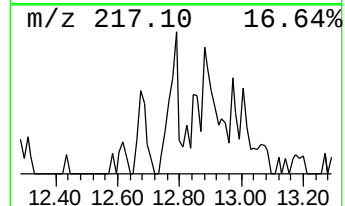
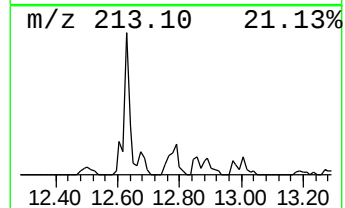
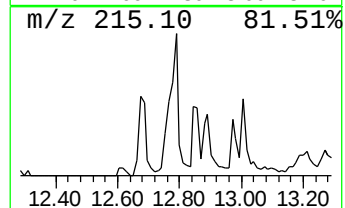
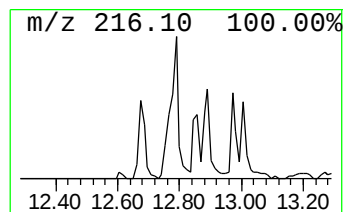
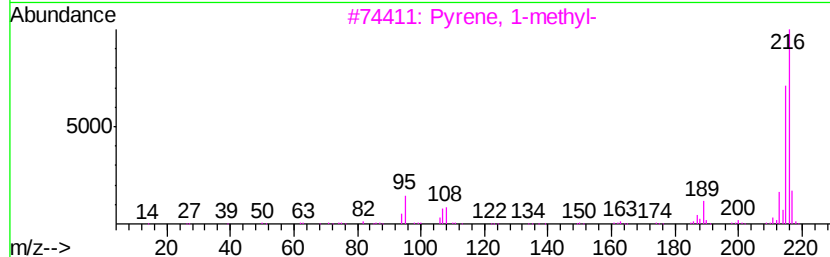
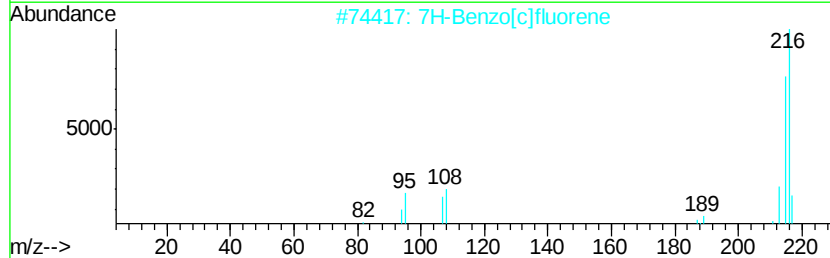
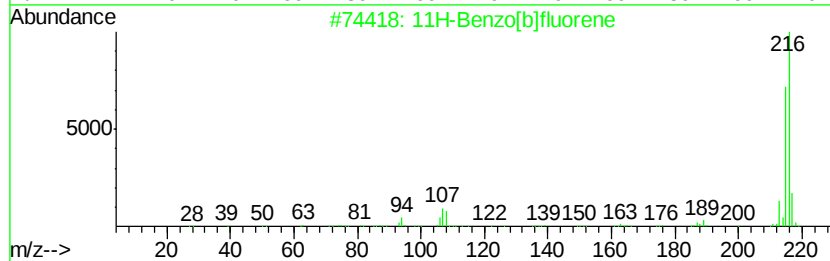
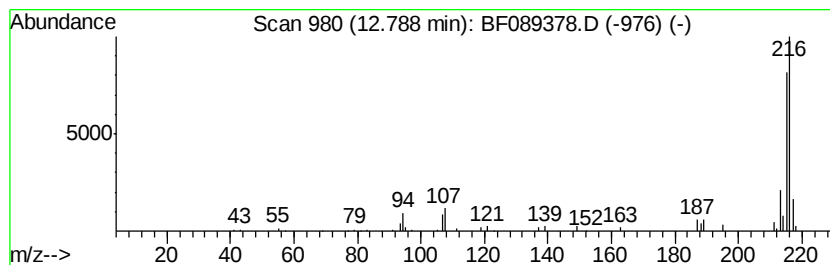
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	2.44 ng	93673	Chrysene-d12	13.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089378.D
Acq On : 28 Jul 2016 22:43
Operator : UM/SJ
Sample : H4205-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-40-2.5-3.5

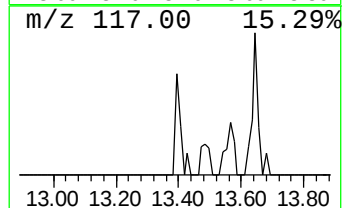
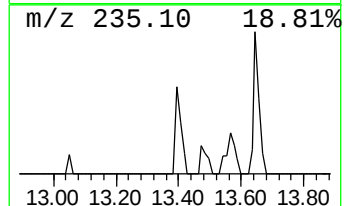
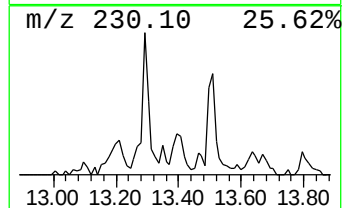
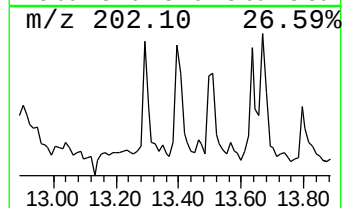
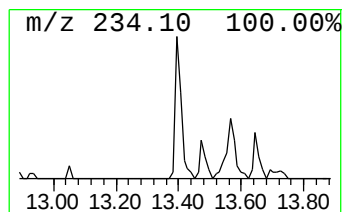
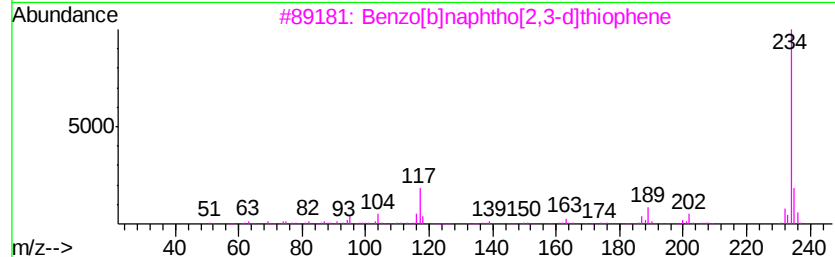
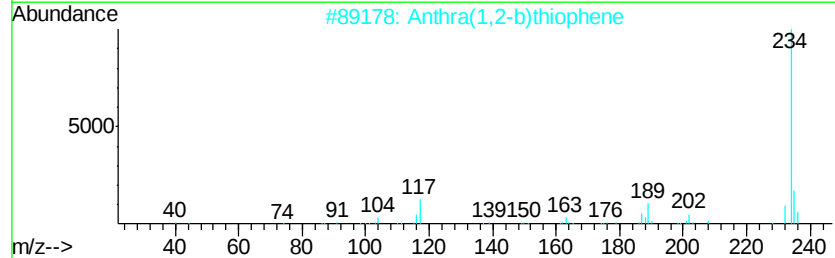
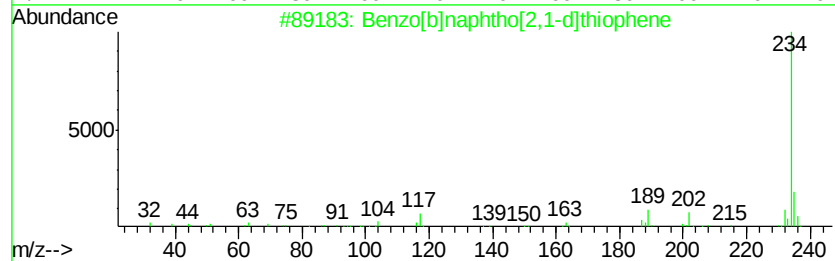
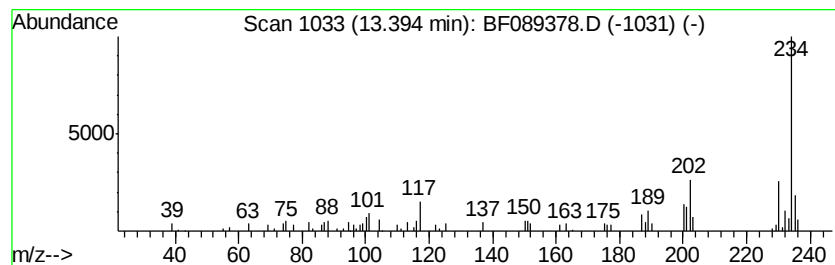
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.74 ng	105066	Chrysene-d12	13.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
2		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	91
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	60
5		Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089378.D
Acq On : 28 Jul 2016 22:43
Operator : UM/SJ
Sample : H4205-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

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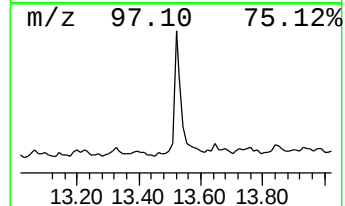
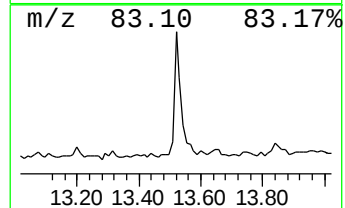
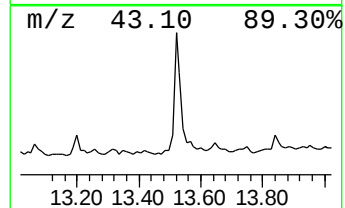
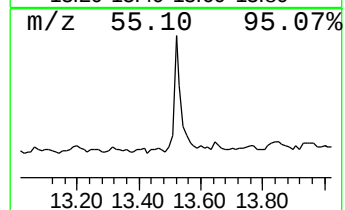
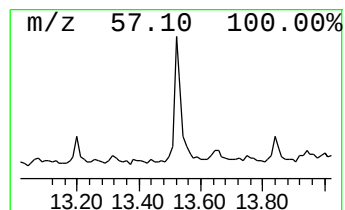
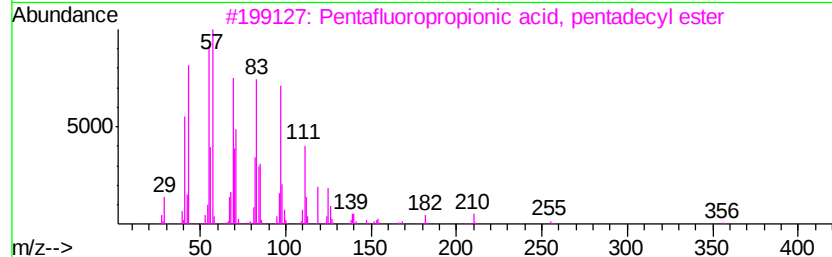
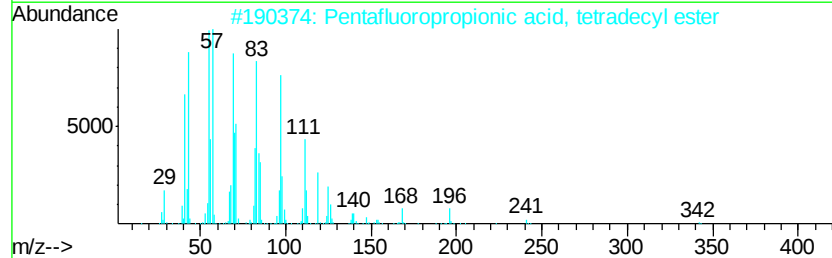
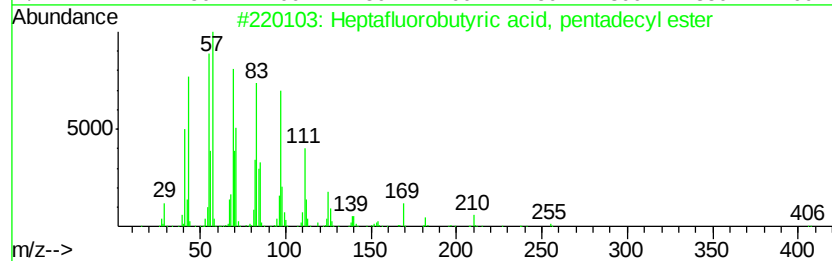
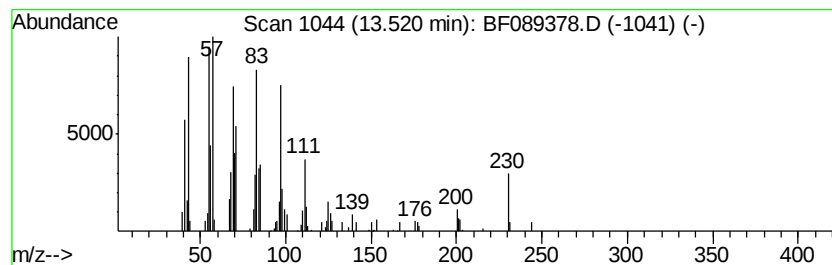
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptafluorobutyric acid, pe... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	3.68 ng	141277	Chrysene-d12	13.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
2		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	95
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089378.D
Acq On : 28 Jul 2016 22:43
Operator : UM/SJ
Sample : H4205-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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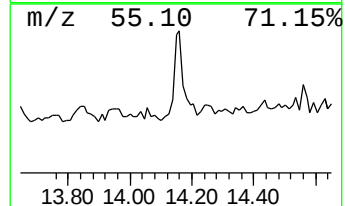
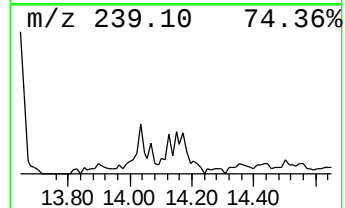
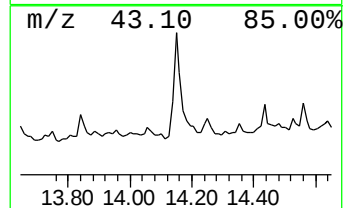
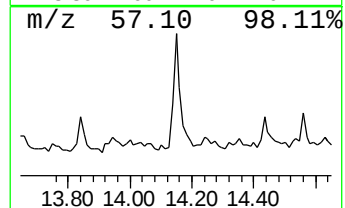
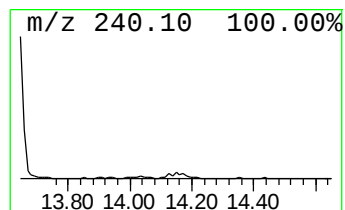
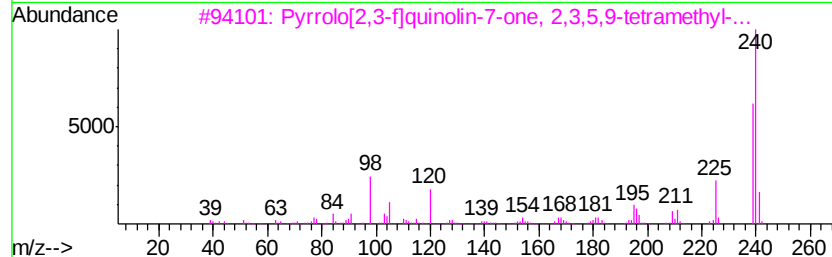
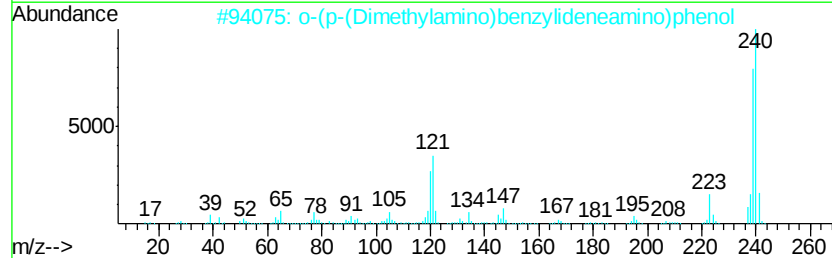
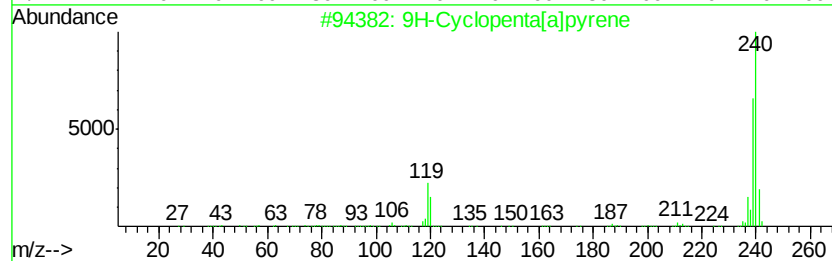
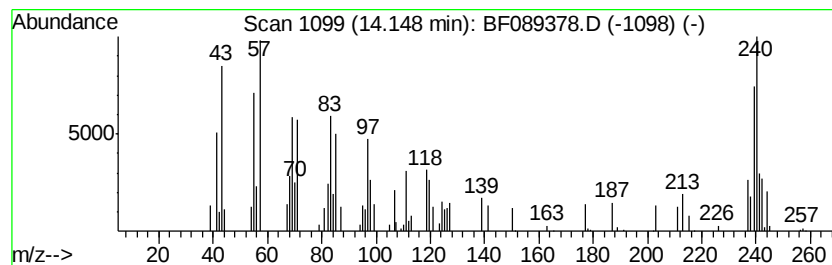
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown14.15 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.62 ng	100669	Chrysene-d12	13.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	43
2		o-(p-(Dimethylamino)benzylidene)amino)phenol	240	C15H16N2O	023837-35-6	43
3		Pyrrolo[2,3-f]quinolin-7-one, 2,3,5,9-tetramethyl-	240	C15H16N2O	1000302-73-0	35
4		Chlorodifluoromethyl 4-nitrophenyl	239	C7H4ClF2NO2S	074159-82-3	27
5		Alizarin	240	C14H8O4	000072-48-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089378.D
Acq On : 28 Jul 2016 22:43
Operator : UM/SJ
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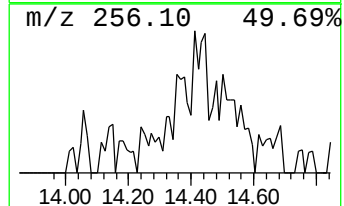
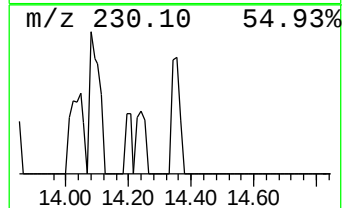
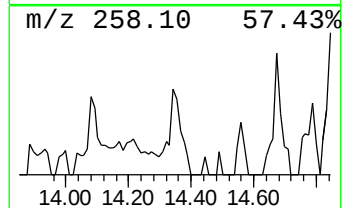
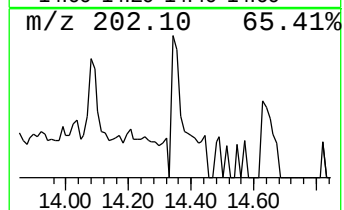
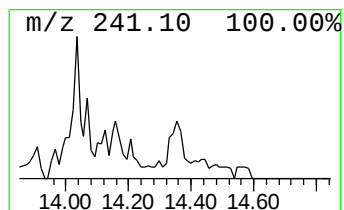
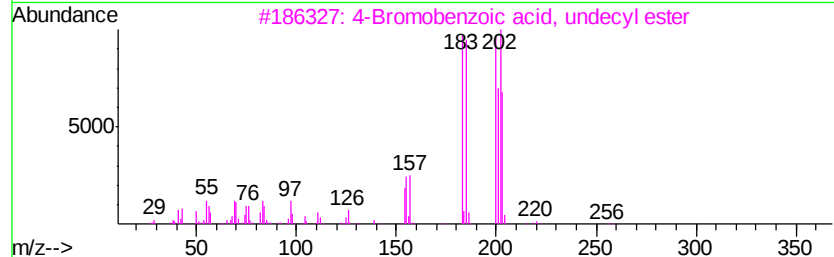
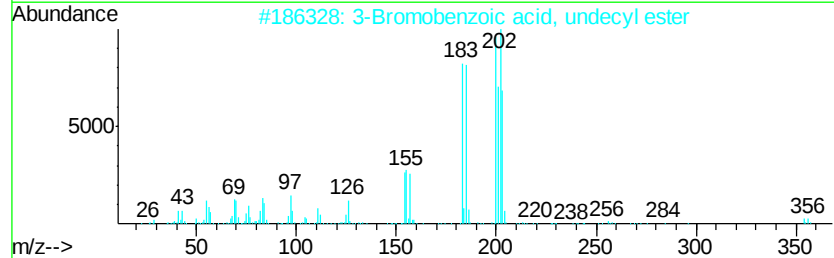
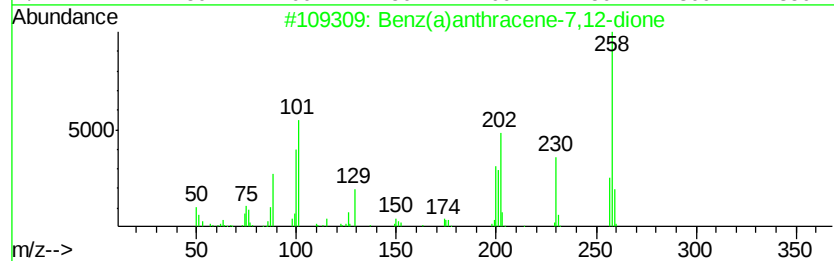
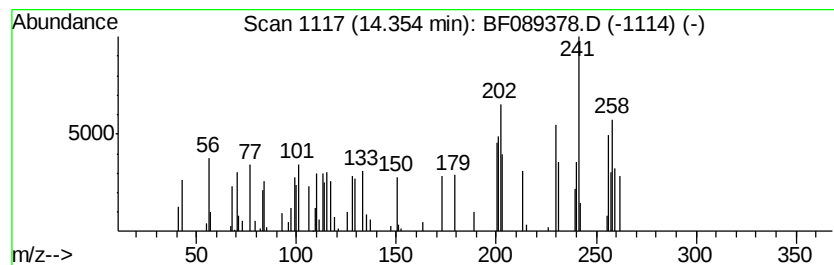
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benz(a)anthracene-7,12-dione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.28 ng	43430	Perylene-d12	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	50
2		3-Bromobenzoic acid, undecyl ester	354	C18H27BrO2	1000282-95-5	27
3		4-Bromobenzoic acid, undecyl ester	354	C18H27BrO2	1000282-84-5	27
4		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	22
5		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089378.D
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Operator : UM/SJ
Sample : H4205-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

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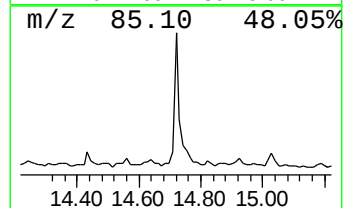
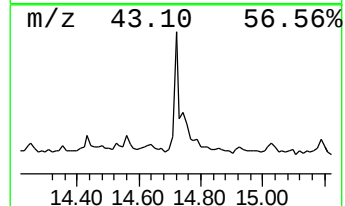
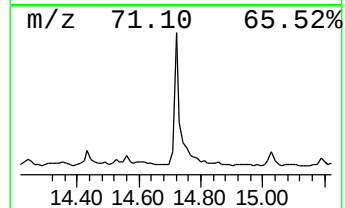
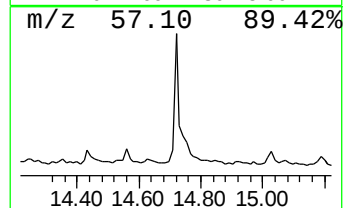
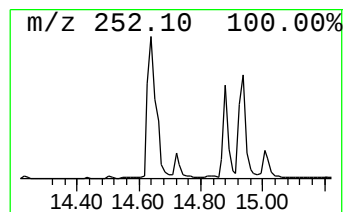
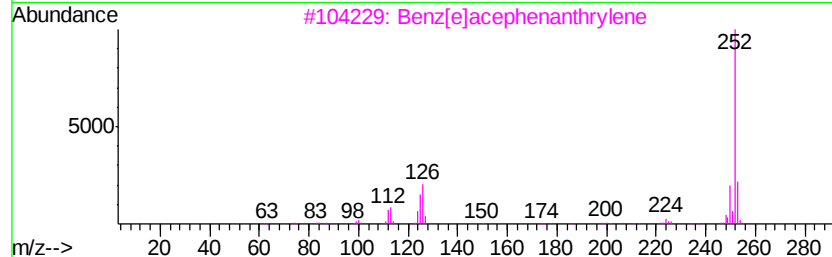
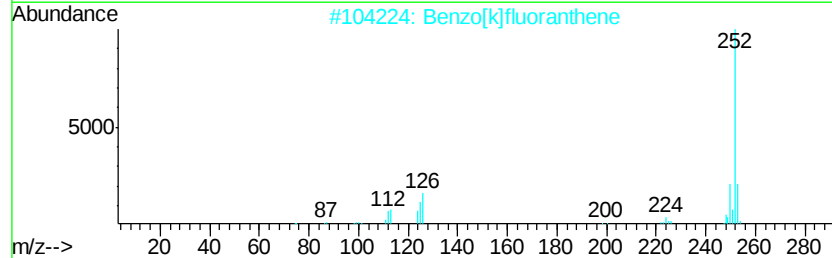
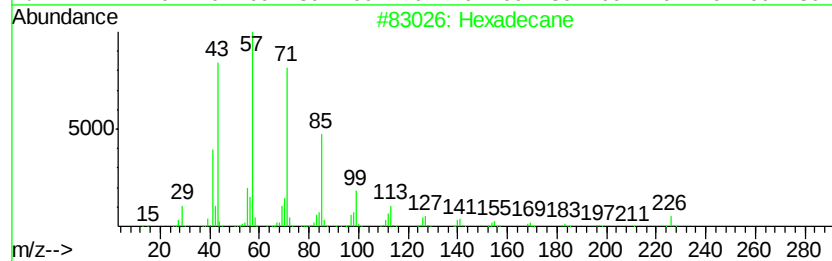
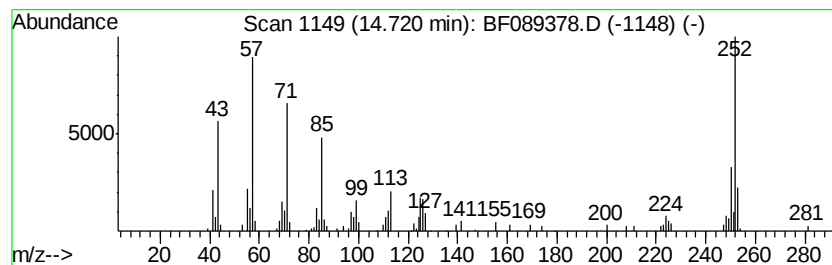
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	4.40 ng	83938	Perylene-d12	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	74
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	60
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	53
4		Perylene	252	C20H12	000198-55-0	50
5		Benzo[e]pyrene	252	C20H12	000192-97-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089378.D
Acq On : 28 Jul 2016 22:43
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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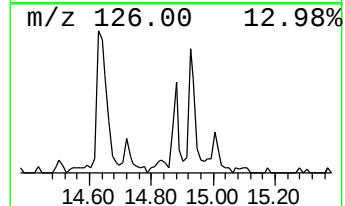
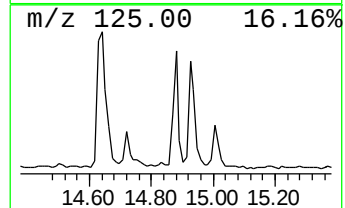
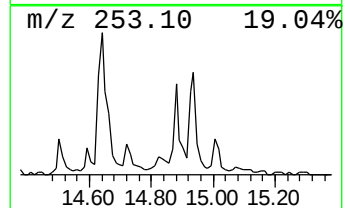
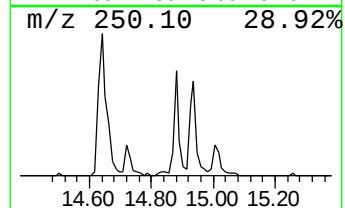
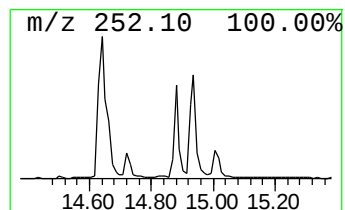
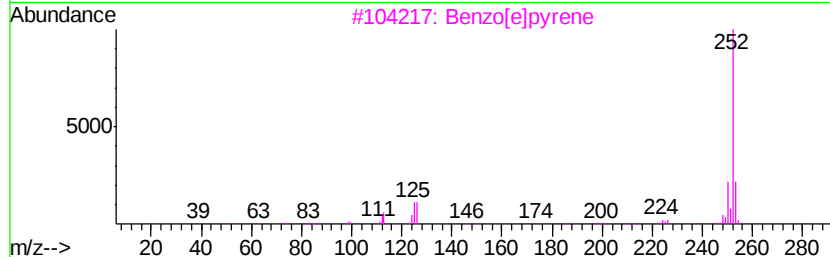
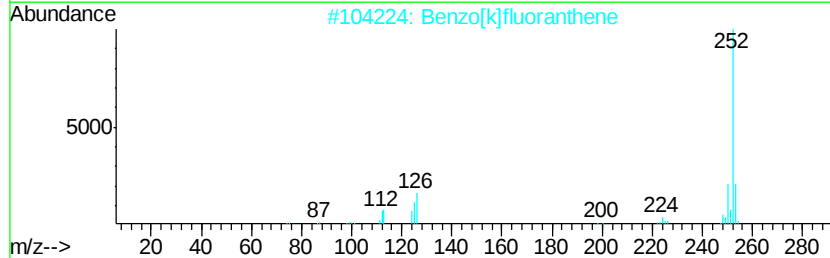
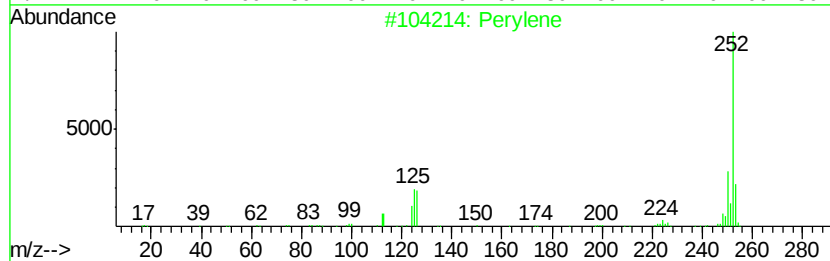
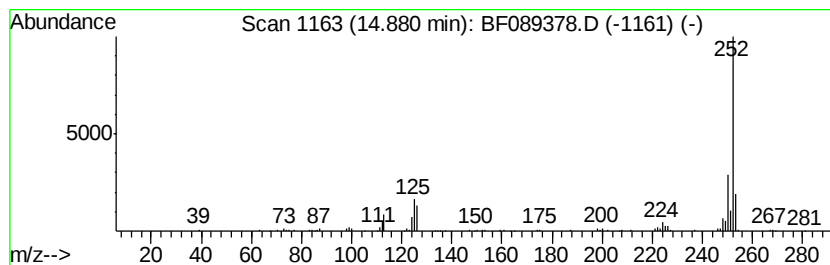
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.10 ng	135479	Perylene-d12	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	94
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3		Benzo[e]pyrene	252	C20H12	000192-97-2	93
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089378.D
Acq On : 28 Jul 2016 22:43
Operator : UM/SJ
Sample : H4205-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-40-2.5-3.5

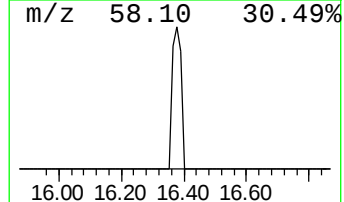
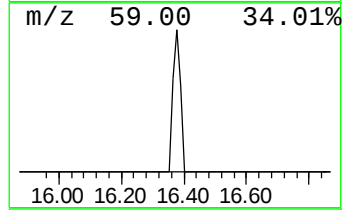
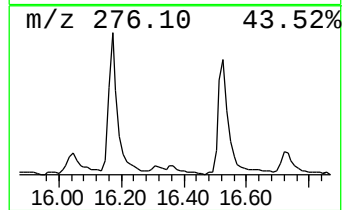
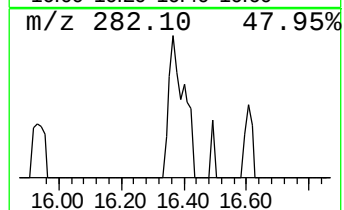
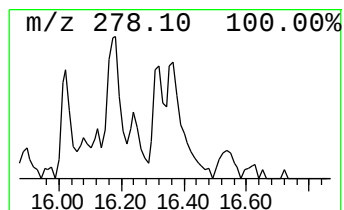
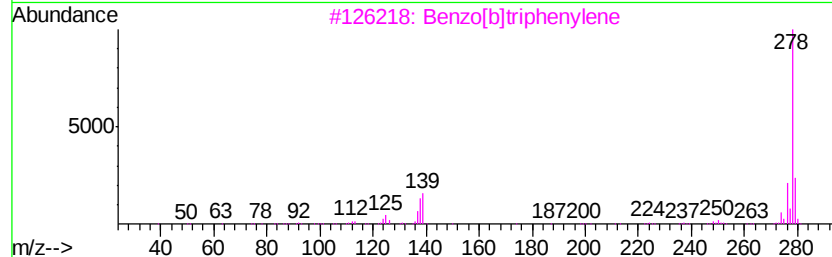
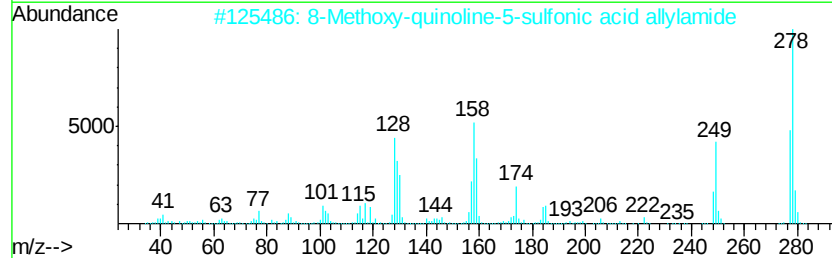
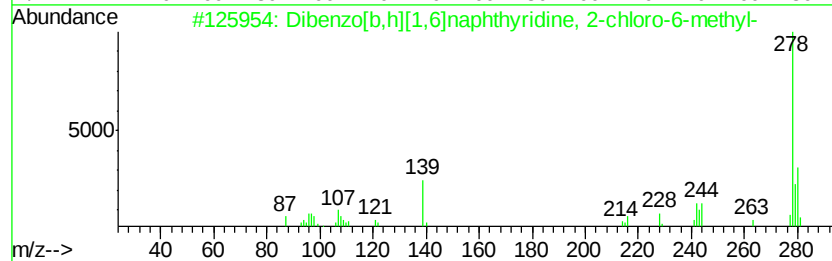
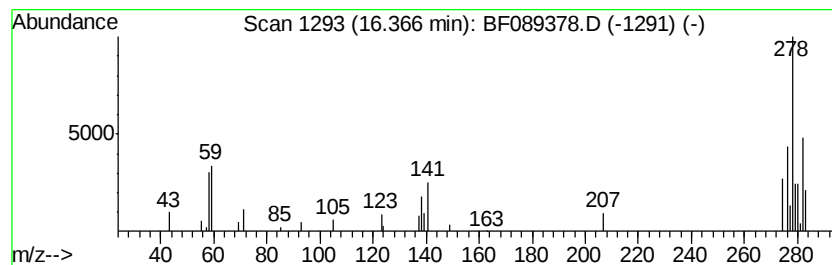
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown16.37 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.80 ng	72553	Perylene-d12	14.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[b,h][1,6]naphthyridine, ...	278	C17H11ClN2	004240-91-9	35
2		8-Methoxy-quinoline-5-sulfonic a...	278	C13H14N2O3S	1000274-64-1	27
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	27
4		Vanadium, (.eta.5-2,4-cyclopenta...	278	C17H23V	126948-97-8	27
5		Picene	278	C22H14	000213-46-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089378.D
Acq On : 28 Jul 2016 22:43
Operator : UM/SJ
Sample : H4205-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

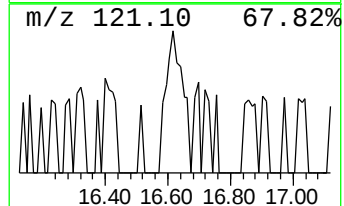
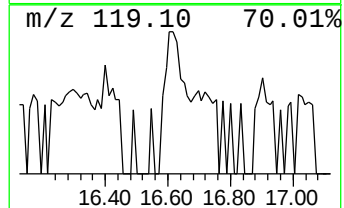
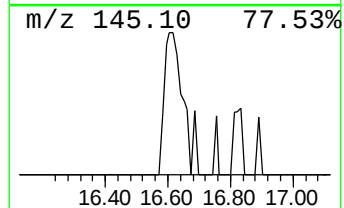
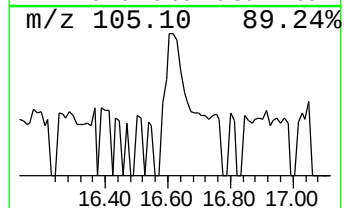
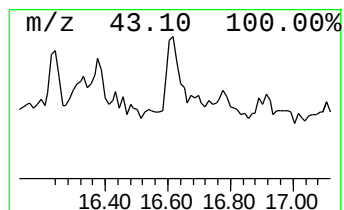
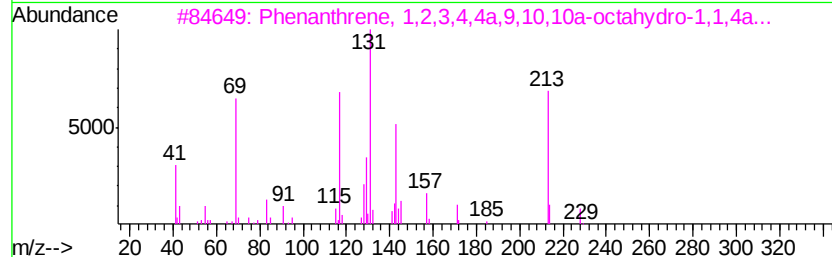
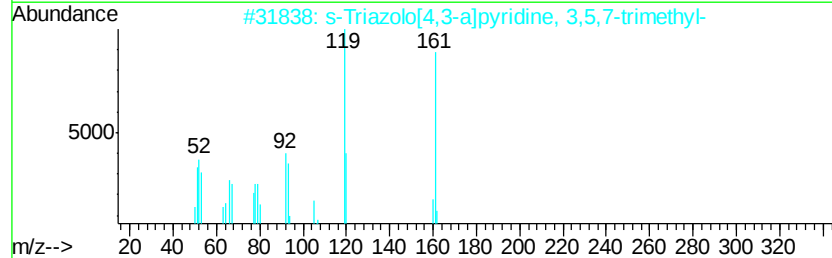
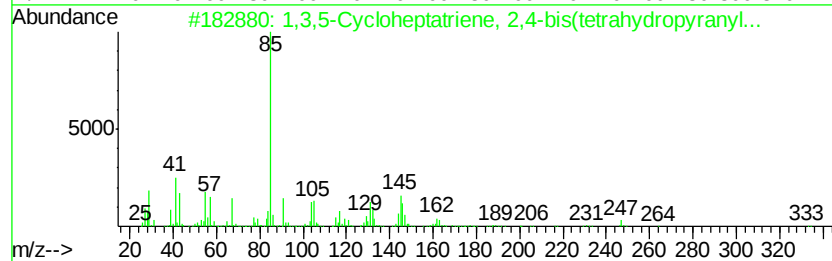
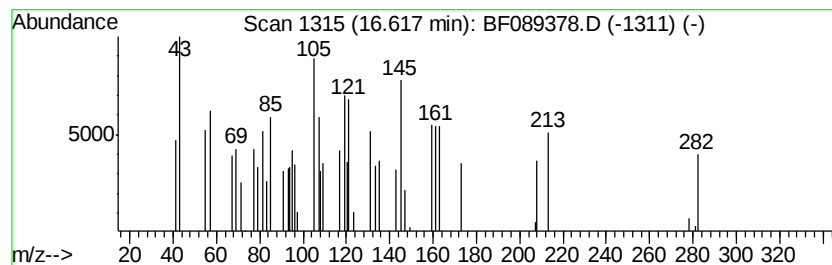
Instrument :
BNA_F
ClientSampleId :
SB-40-2.5-3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown16.62 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.62	2.83 ng	53910	Perylene-d12	14.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene, 2,4-bis(...	348	C21H32O4	1000160-90-8	12	
2	s-Triazolo[4,3-a]pyridine, 3,5,7...	161	C9H11N3	004919-15-7	11	
3	Phenanthrene, 1,2,3,4,4a,9,10,10...	228	C17H24	055090-42-1	10	
4	1,4-Butanediol, 3-methyl-1-phenyl-	180	C11H16O2	030414-28-9	10	
5	1-Oxetan-2-one, 3-bromo-3-(bromo...	284	C7H10Br2O2	1000142-30-2	10	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089378.D
Acq On : 28 Jul 2016 22:43
Operator : UM/SJ
Sample : H4205-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-40-2.5-3.5

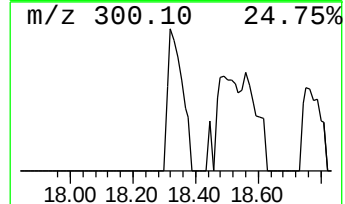
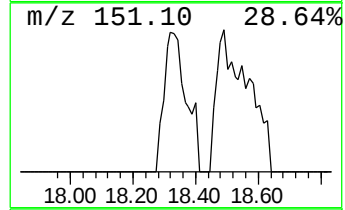
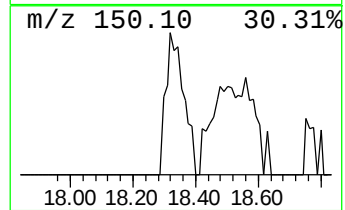
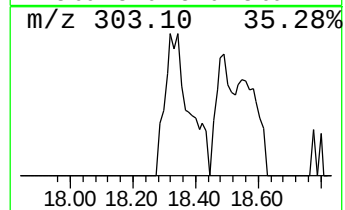
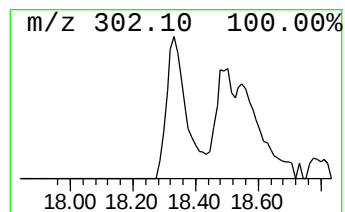
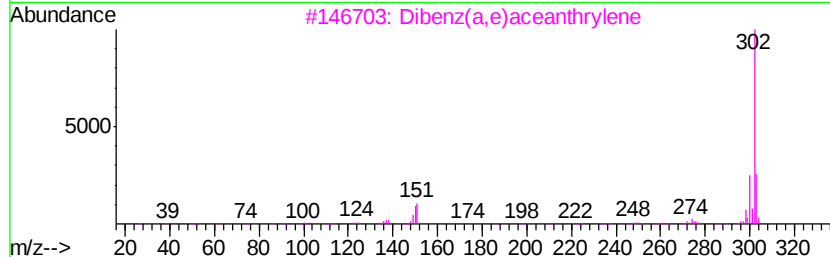
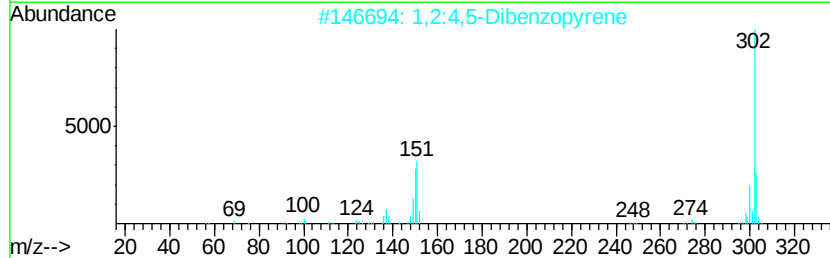
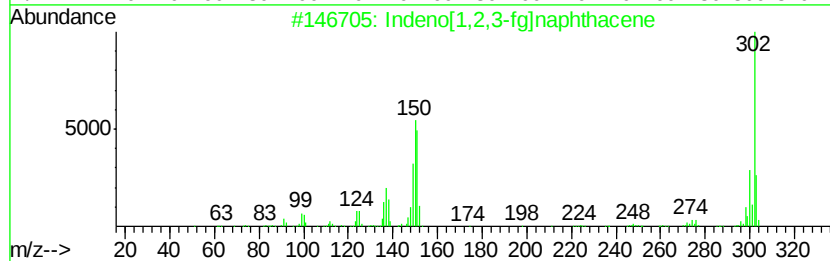
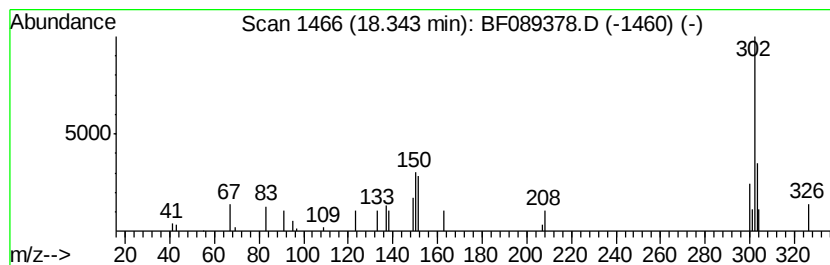
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Indeno[1,2,3-fg]naphthacene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.58 ng	49248	Perylene-d12	14.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	62
2			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	58
3			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	58
4			Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	53
5			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089378.D
 Acq On : 28 Jul 2016 22:43
 Operator : UM/SJ
 Sample : H4205-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-2.5-3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.62	11.4	ng	152512	1	6.52	268320	20.0
unknown6.28	6.28	67.4	ng	904564	1	6.52	268320	20.0
Benzene, 1-methyl...	11.38	2.7	ng	91458	4	11.03	668718	20.0
4H-Cyclopenta[def...	11.63	3.8	ng	125442	4	11.03	668718	20.0
11H-Benzo[b]fluorene	12.79	2.4	ng	93673	5	13.65	767366	20.0
Benzo[b]naphtho[2...	13.39	2.7	ng	105066	5	13.65	767366	20.0
Heptafluorobutyri...	13.52	3.7	ng	141277	5	13.65	767366	20.0
unknown14.15	14.15	2.6	ng	100669	5	13.65	767366	20.0
Benz(a)anthracene...	14.35	2.3	ng	43430	6	14.98	381382	20.0
Hexadecane	14.72	4.4	ng	83938	6	14.98	381382	20.0
Perylene	14.88	7.1	ng	135479	6	14.98	381382	20.0
unknown16.37	16.37	3.8	ng	72553	6	14.98	381382	20.0
unknown16.62	16.62	2.8	ng	53910	6	14.98	381382	20.0
Indeno[1,2,3-fg]n...	18.34	2.6	ng	49248	6	14.98	381382	20.0