

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086806.D
 Acq On : 8 May 2016 6:42
 Operator : UM/SJ
 Sample : H2720-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3D02

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-BF050416.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	243	245	252	rBV	212015	414872	6.26%	0.491%
2	5.310	280	282	285	rBV	4477288	5868648	88.60%	6.942%
3	6.373	372	375	377	rBV	5367724	6624055	100.00%	7.835%
4	6.476	382	384	387	rBV	4800866	5920312	89.38%	7.003%
5	6.704	401	404	406	rBV	1236964	1333936	20.14%	1.578%
6	6.864	415	418	420	rBV	3284881	4682079	70.68%	5.538%
7	7.276	451	454	456	rBV	3709843	4048116	61.11%	4.788%
8	7.985	514	516	521	rBV	1575466	1789085	27.01%	2.116%
9	8.705	577	579	581	rBV	77786	85868	1.30%	0.102%
10	8.796	585	587	592	rVB	114549	108620	1.64%	0.128%
11	9.070	608	611	613	rBV	5946848	6286869	94.91%	7.436%
12	9.150	616	618	626	rVB2	68918	122453	1.85%	0.145%
13	9.322	631	633	637	rBV	50401	79014	1.19%	0.093%
14	9.402	637	640	641	rBV	119000	143630	2.17%	0.170%
15	9.425	641	642	644	rVV	81265	82476	1.25%	0.098%
16	9.470	644	646	648	rVV	483321	562039	8.48%	0.665%
17	9.516	648	650	653	rVB2	59146	81541	1.23%	0.096%
18	9.676	662	664	666	rBV	215870	173655	2.62%	0.205%
19	9.733	667	669	671	rVV2	1586953	1706085	25.76%	2.018%
20	9.768	671	672	675	rVB	544677	438552	6.62%	0.519%
21	9.893	681	683	685	rBV3	46882	94921	1.43%	0.112%
22	9.939	685	687	689	rVV	220897	242031	3.65%	0.286%
23	9.996	689	692	694	rVV2	67146	116000	1.75%	0.137%
24	10.053	694	697	698	rVV2	51998	71123	1.07%	0.084%
25	10.145	702	705	706	rVV2	53109	78091	1.18%	0.092%
26	10.179	706	708	709	rVB	223201	248720	3.75%	0.294%
27	10.282	715	717	720	rVB	404512	379117	5.72%	0.448%
28	10.362	720	724	725	rBV2	66098	196578	2.97%	0.233%
29	10.396	725	727	728	rVV	138983	178053	2.69%	0.211%
30	10.442	730	731	733	rVB	162580	132001	1.99%	0.156%
31	10.533	736	739	741	rVV2	2752874	3821303	57.69%	4.520%
32	10.568	741	742	744	rVV2	68853	72644	1.10%	0.086%
33	10.648	746	749	753	rVB	400260	534869	8.07%	0.633%
34	10.831	762	765	770	rBV3	140657	333192	5.03%	0.394%

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35	10.979	773	778	781	rBV4	111153	292792	4.42%	0.346%
36	11.025	781	782	784	rVB	144425	128475	1.94%	0.152%
37	11.071	784	786	787	rBV	91303	128554	1.94%	0.152%
38	11.093	787	788	789	rBV	162257	127112	1.92%	0.150%
39	11.219	796	799	800	rBV	1488942	1912003	28.86%	2.262%
40	11.242	800	801	803	rVV	2983941	2227820	33.63%	2.635%
41	11.288	803	805	807	rVV	709700	732140	11.05%	0.866%
42	11.333	807	809	811	rVV2	86841	131168	1.98%	0.155%
43	11.459	816	820	823	rBV2	243847	416185	6.28%	0.492%
44	11.516	823	825	826	rBV	116764	103008	1.56%	0.122%
45	11.711	840	842	844	rBV	363655	525890	7.94%	0.622%
46	11.745	844	845	847	rVV	662543	643146	9.71%	0.761%
47	11.791	847	849	850	rVV	269951	240983	3.64%	0.285%
48	11.825	850	852	857	rVB2	729624	1056012	15.94%	1.249%
49	11.928	857	861	862	rBV3	122484	233861	3.53%	0.277%
50	12.008	867	868	869	rVV	232532	234638	3.54%	0.278%
51	12.042	869	871	873	rVB	243675	250563	3.78%	0.296%
52	12.156	879	881	883	rBV	104527	129701	1.96%	0.153%
53	12.191	883	884	885	rVV	145011	111167	1.68%	0.131%
54	12.259	888	890	892	rBV	244409	318485	4.81%	0.377%
55	12.305	892	894	897	rVV3	142867	270124	4.08%	0.320%
56	12.351	897	898	902	rVB2	203333	222986	3.37%	0.264%
57	12.431	902	905	907	rBV	2504025	3120457	47.11%	3.691%
58	12.488	907	910	912	rVB2	86378	135618	2.05%	0.160%
59	12.568	913	917	921	rBV2	136328	276684	4.18%	0.327%
60	12.648	921	924	927	rBV2	1954565	2951808	44.56%	3.492%
61	12.705	927	929	931	rVB2	186373	250313	3.78%	0.296%
62	12.808	935	938	940	rVB	3396080	4488658	67.76%	5.309%
63	12.876	940	944	946	rBV2	224362	374410	5.65%	0.443%
64	12.979	949	953	955	rVB	622264	840542	12.69%	0.994%
65	13.048	957	959	960	rBV	408321	382535	5.77%	0.452%
66	13.082	960	962	963	rBV	410285	433293	6.54%	0.513%
67	13.174	968	970	971	rBV	149658	127910	1.93%	0.151%
68	13.208	971	973	977	rVV3	116618	204862	3.09%	0.242%
69	13.334	982	984	985	rBV	72514	75734	1.14%	0.090%
70	13.379	986	988	993	rVB2	171971	344953	5.21%	0.408%
71	13.482	993	997	1000	rBV2	203357	414872	6.26%	0.491%

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72	13.597	1004	1007	1008	rBV	260584	325936	4.92%	0.386%
73	13.699	1014	1016	1020	rVB2	304362	468866	7.08%	0.555%
74	13.848	1024	1029	1035	rBV2	1510632	3994976	60.31%	4.726%
75	13.951	1036	1038	1039	rVB	205977	185571	2.80%	0.220%
76	14.054	1045	1047	1048	rVB2	92604	120005	1.81%	0.142%
77	14.191	1058	1059	1060	rBV	136978	144274	2.18%	0.171%
78	14.237	1060	1063	1064	rVV2	249660	363117	5.48%	0.430%
79	14.259	1064	1065	1067	rVB	106476	133802	2.02%	0.158%
80	14.328	1068	1071	1072	rBV3	170536	275259	4.16%	0.326%
81	14.534	1087	1089	1094	rBV5	117621	366264	5.53%	0.433%
82	14.602	1094	1095	1100	rVB3	113406	279851	4.22%	0.331%
83	14.854	1114	1117	1121	rBV	919406	2000207	30.20%	2.366%
84	14.945	1123	1125	1127	rVB	203921	204035	3.08%	0.241%
85	15.117	1137	1140	1143	rVB	540455	668653	10.09%	0.791%
86	15.174	1143	1145	1147	rBV	880068	983471	14.85%	1.163%
87	15.231	1147	1150	1151	rBV	691148	850209	12.84%	1.006%
88	16.523	1260	1263	1267	rVB2	315142	583966	8.82%	0.691%
89	16.683	1274	1277	1279	rBV	92571	210969	3.18%	0.250%
90	16.911	1294	1297	1305	rVB	213951	471296	7.11%	0.557%

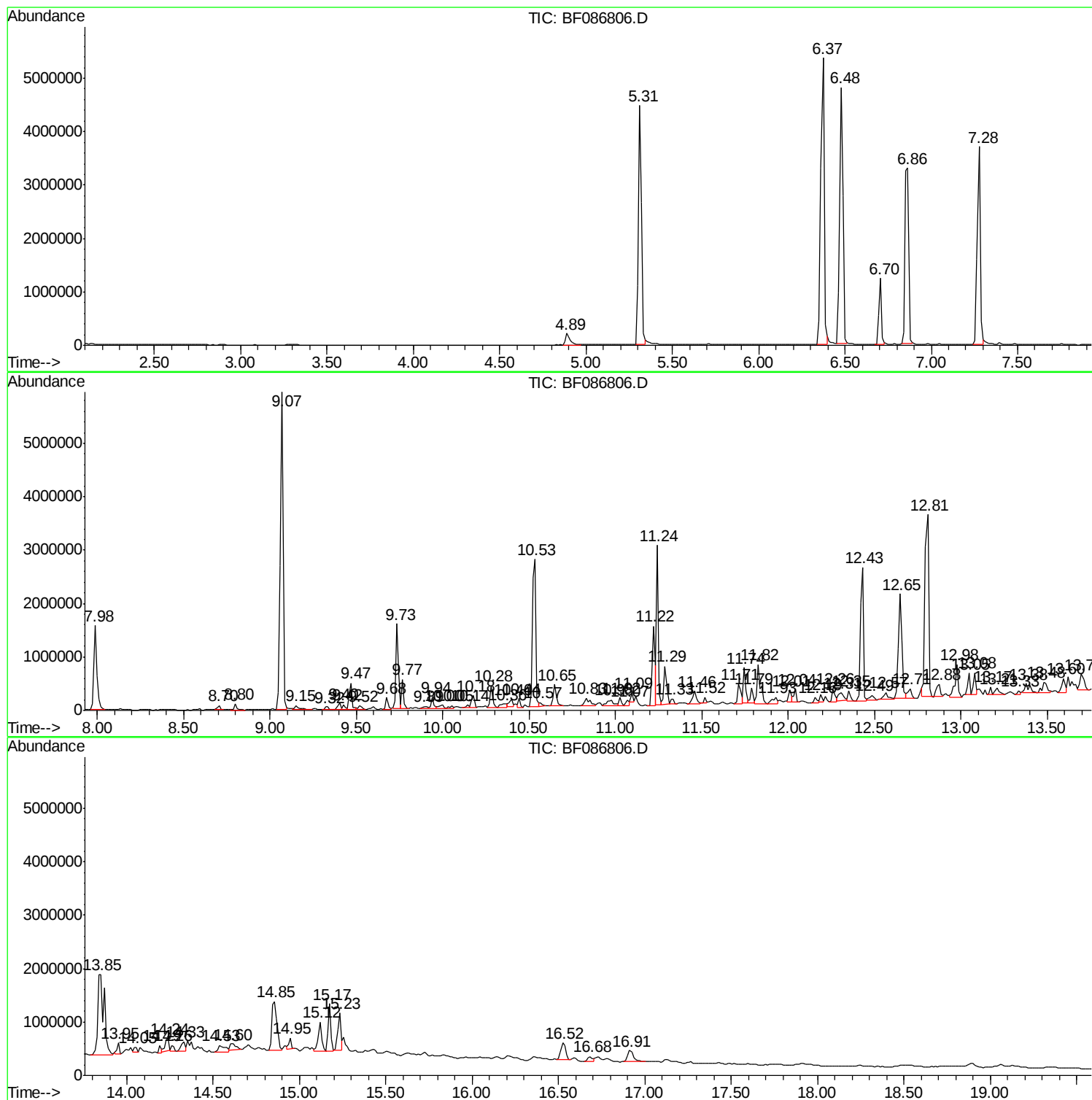
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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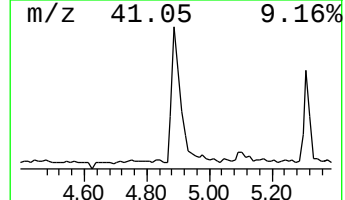
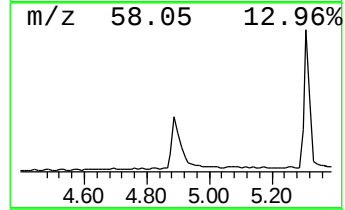
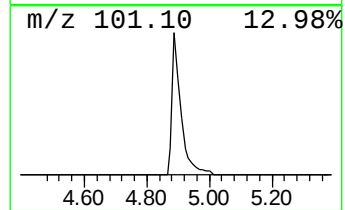
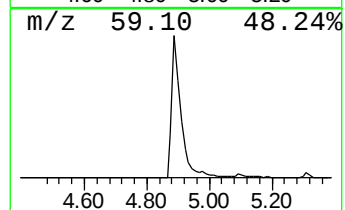
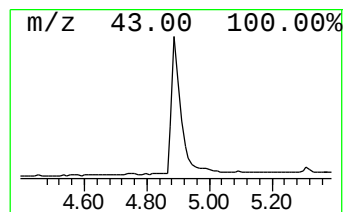
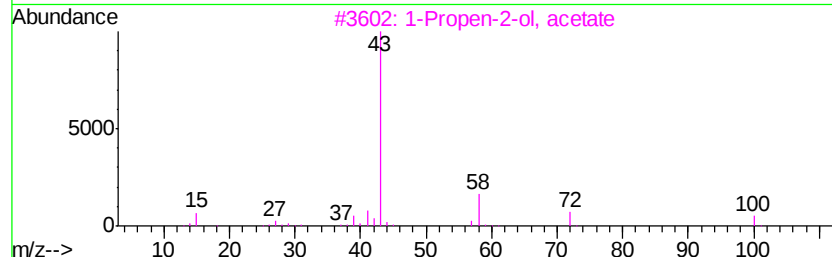
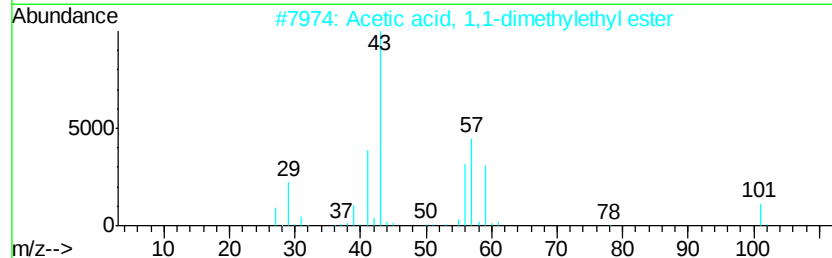
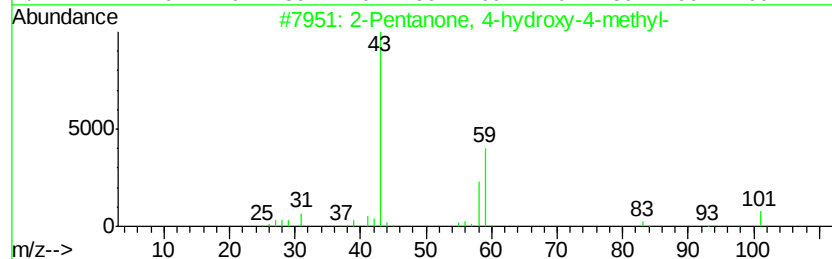
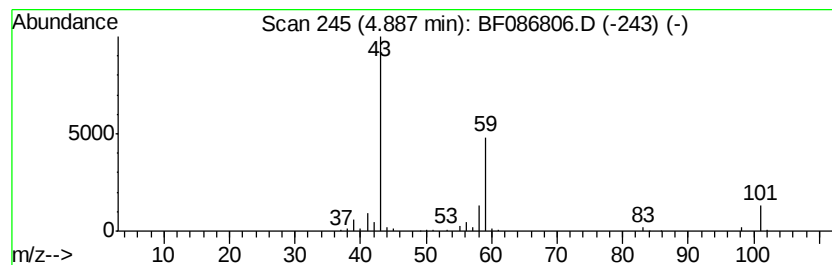
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.89	12.44 ng	414872	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		Butane	58	C4H10	000106-97-8	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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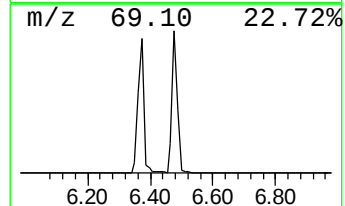
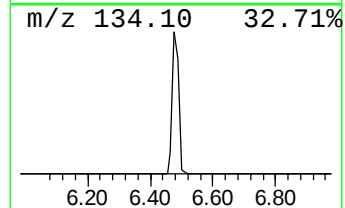
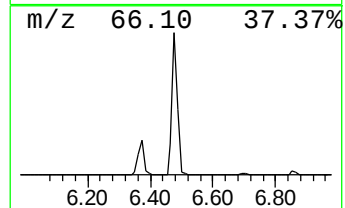
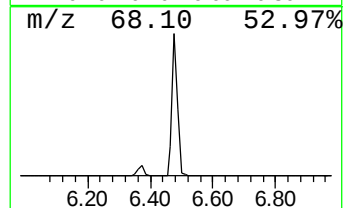
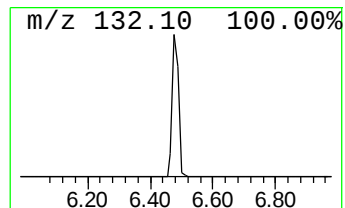
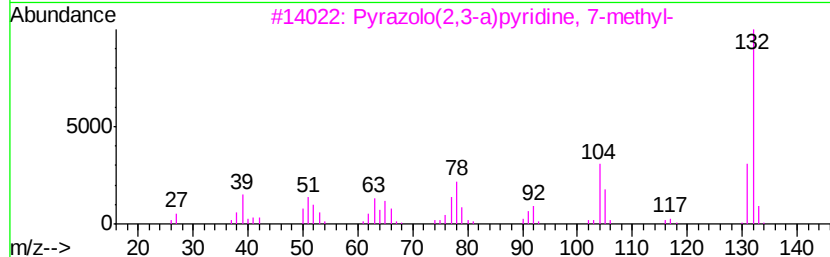
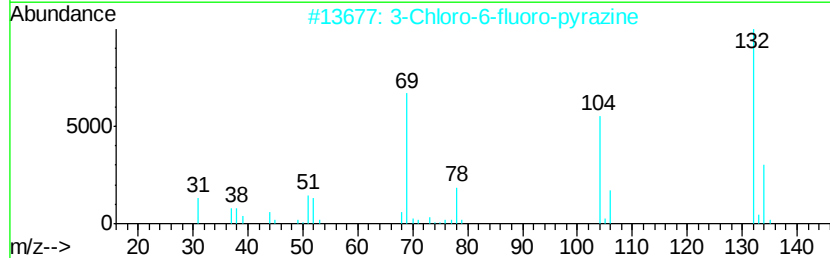
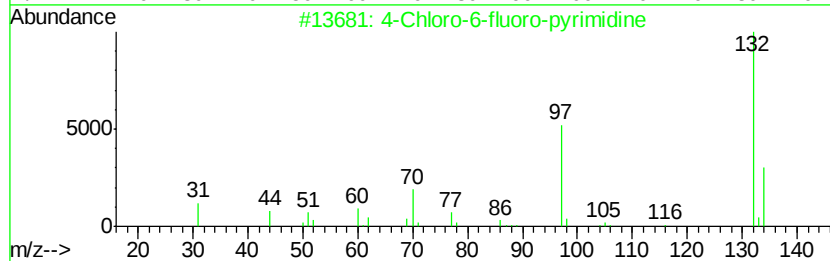
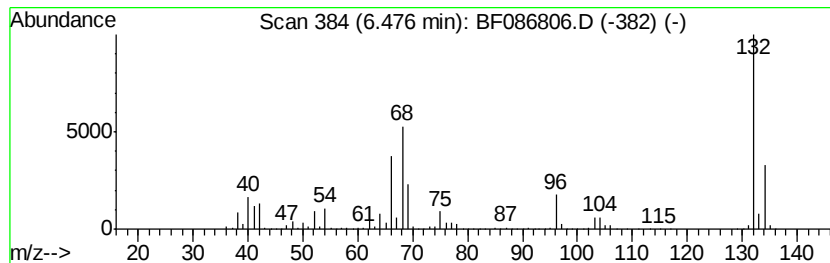
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	177.53 ng	5920310	1,4-Dichlorobenzene-d4	6.70

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		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22



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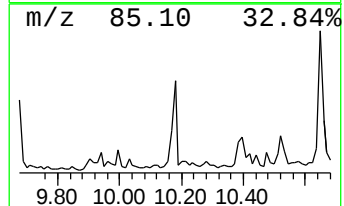
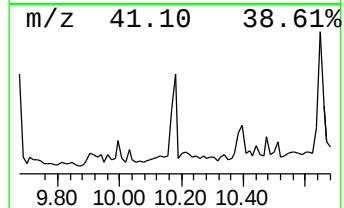
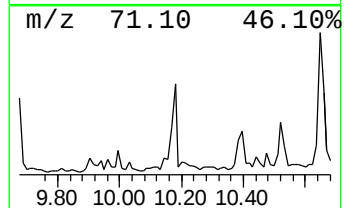
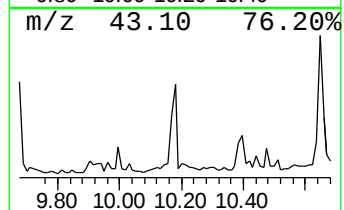
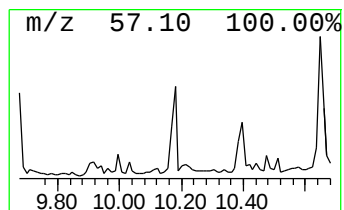
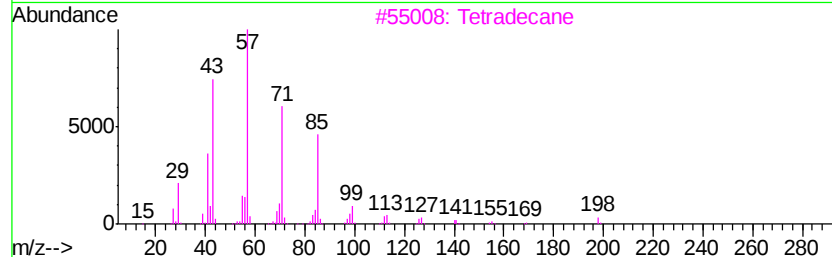
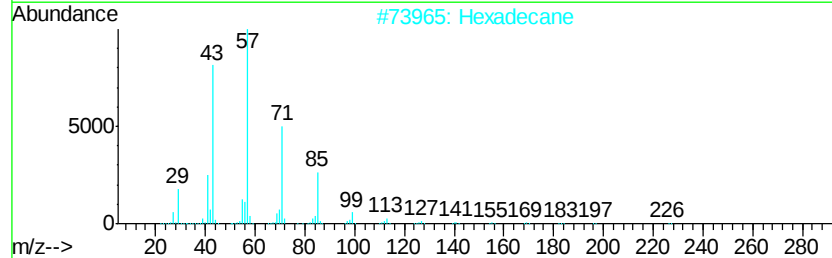
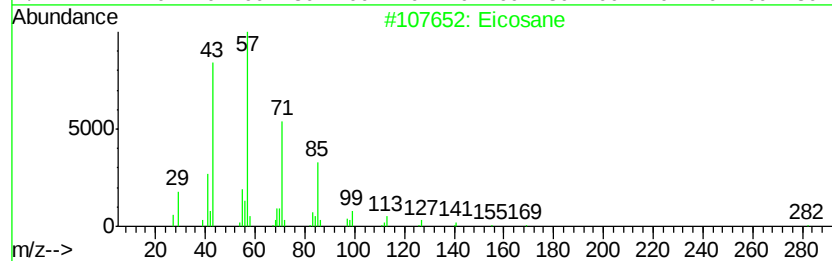
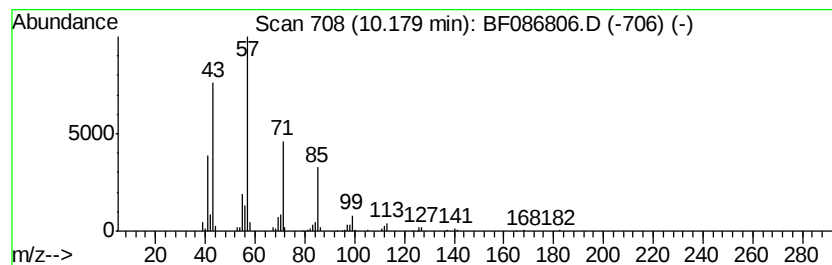
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	5.83 ng	248720	Acenaphthene-d10	9.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 91
2	Hexadecane		226 C16H34	000544-76-3 90
3	Tetradecane		198 C14H30	000629-59-4 90
4	Octadecane		254 C18H38	000593-45-3 86
5	Tridecane		184 C13H28	000629-50-5 83



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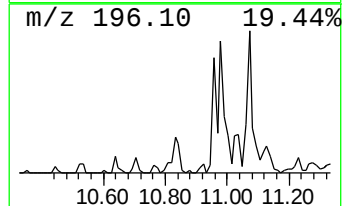
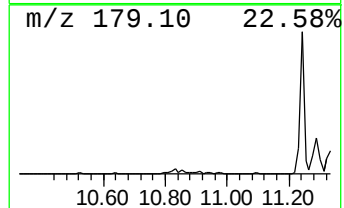
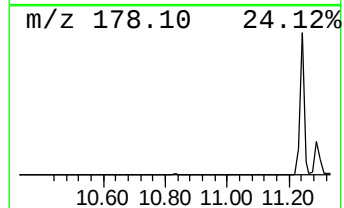
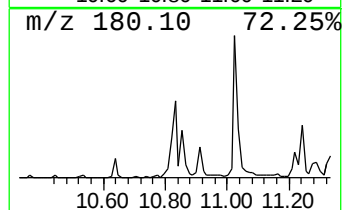
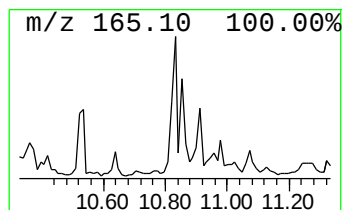
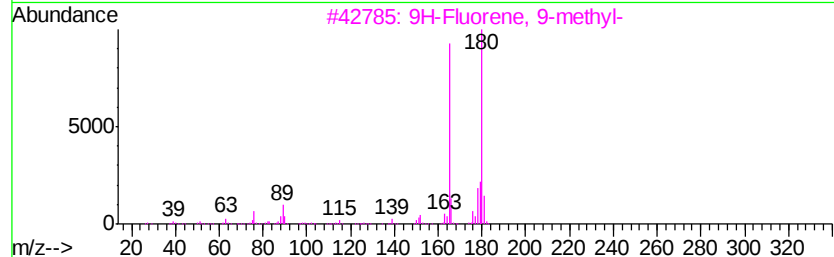
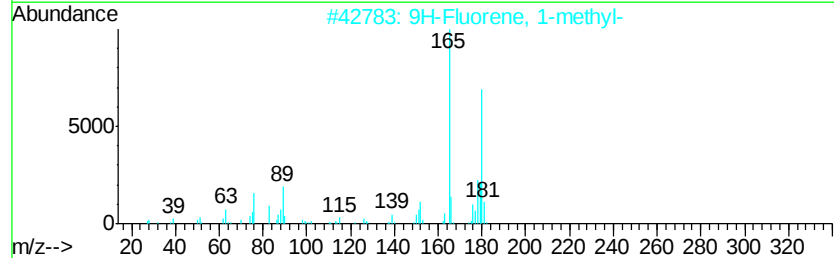
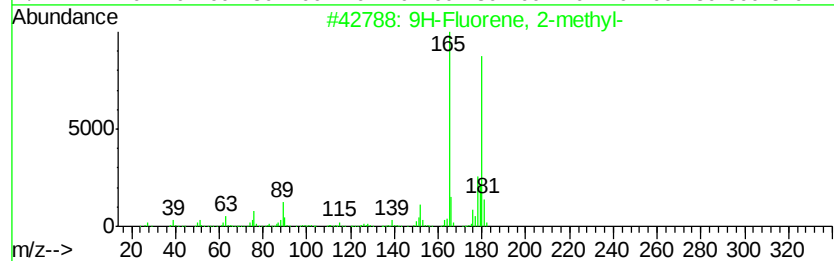
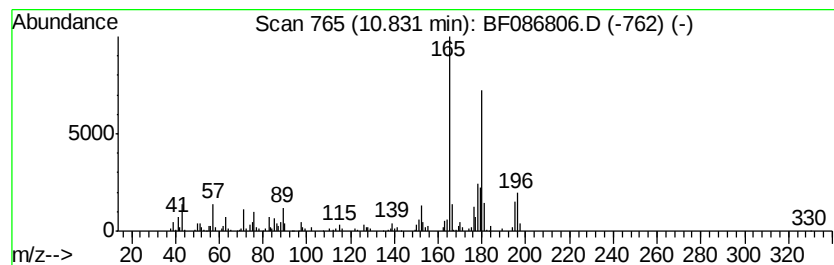
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.83	6.97 ng	333192	Phenanthrene-d10	11.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96	
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96	
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93	
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	91	
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086806.D
Acq On : 8 May 2016 6:42
Operator : UM/SJ
Sample : H2720-01
Misc :
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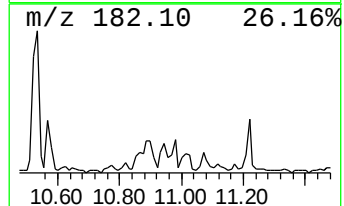
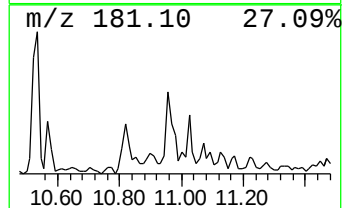
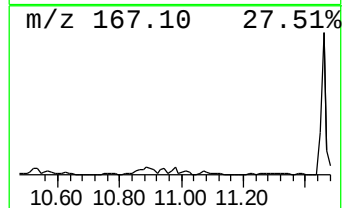
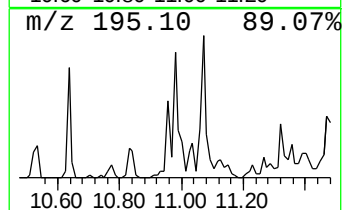
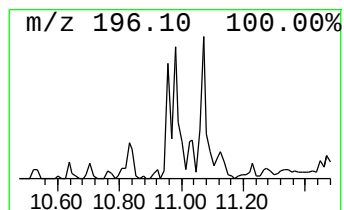
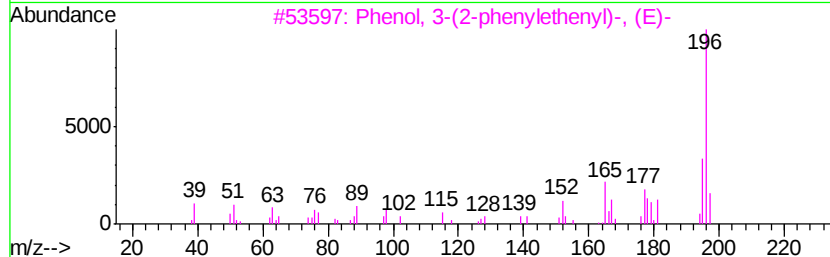
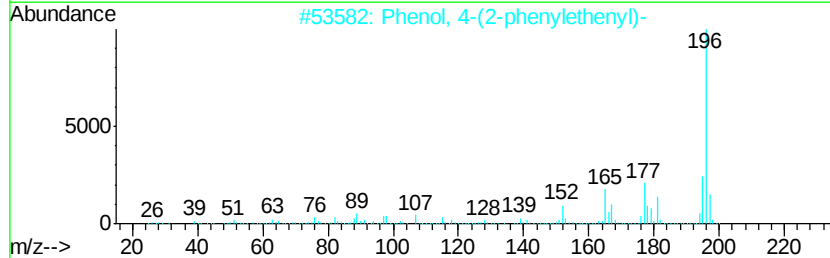
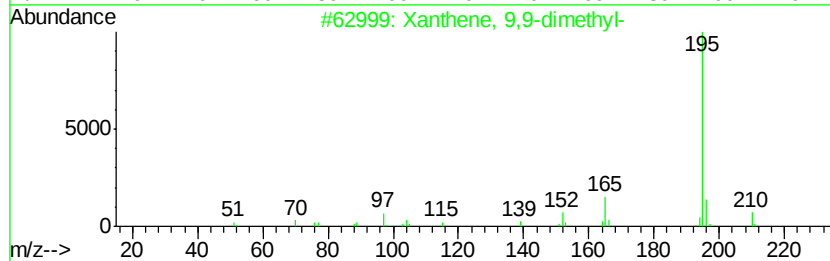
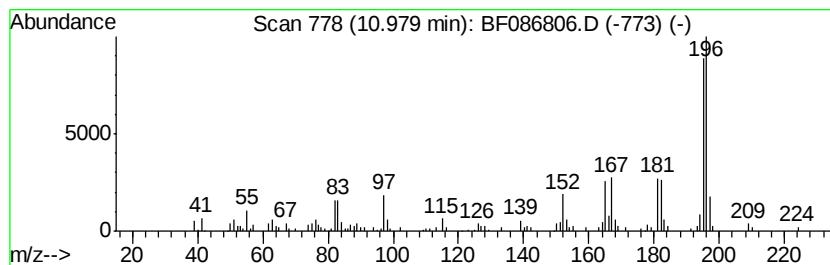
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Xanthene, 9,9-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.98	6.13 ng	292792	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xanthene, 9,9-dimethyl-	210	C15H14O	019814-75-6	50
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	49
4	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	46
5	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
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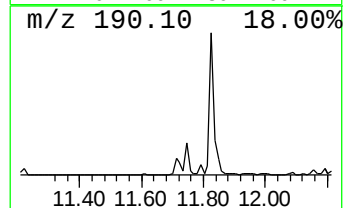
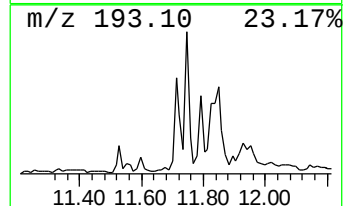
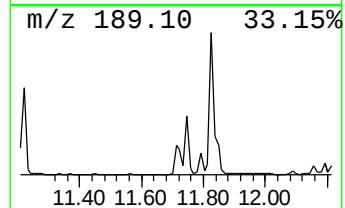
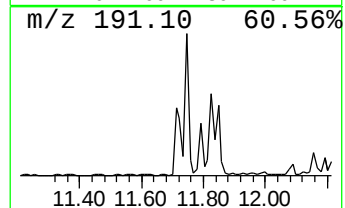
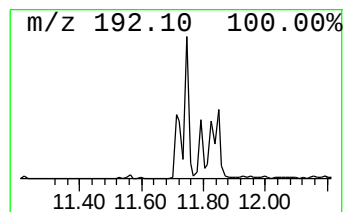
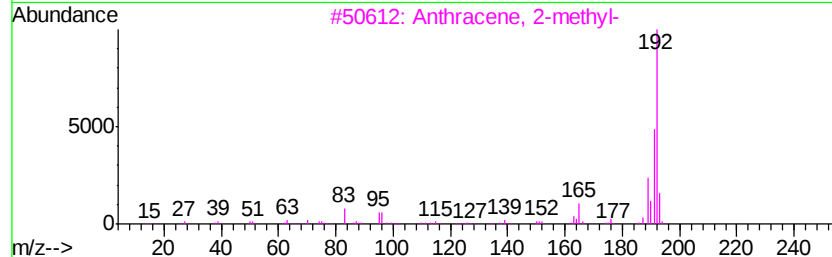
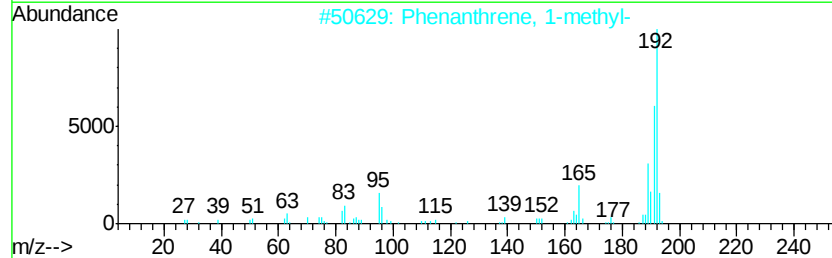
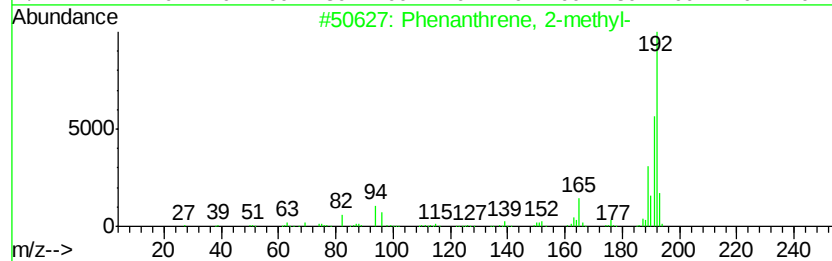
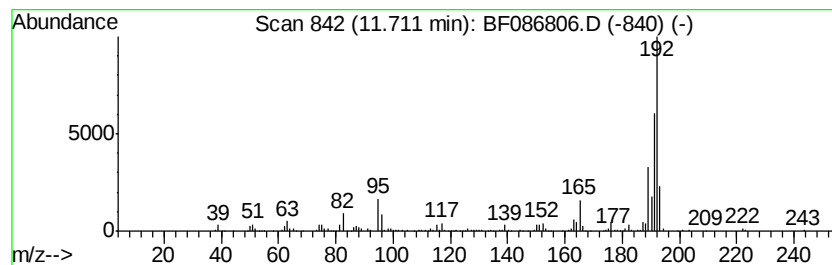
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.71	11.00 ng	525890	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086806.D
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Operator : UM/SJ
Sample : H2720-01
Misc :
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Instrument :
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ClientSampleId :
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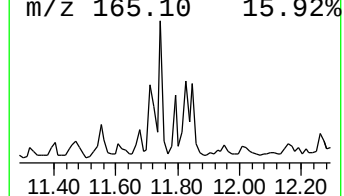
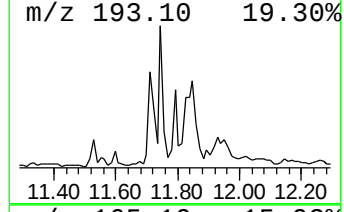
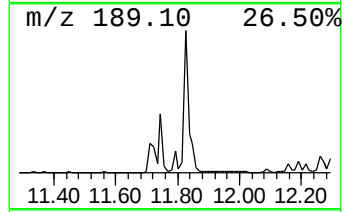
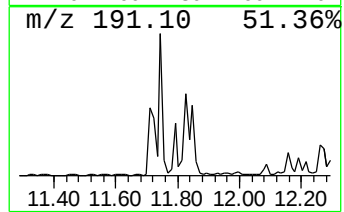
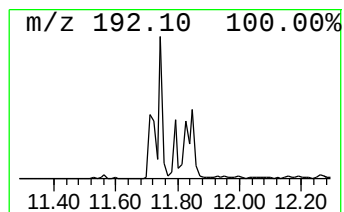
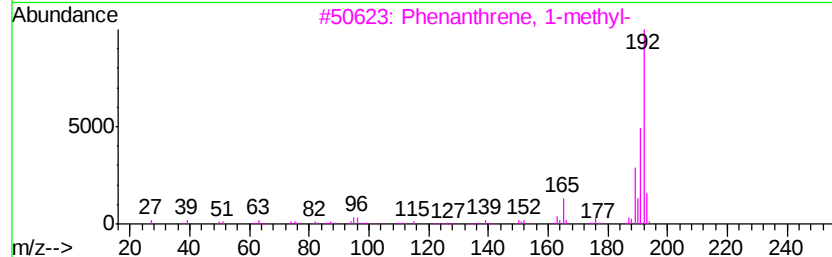
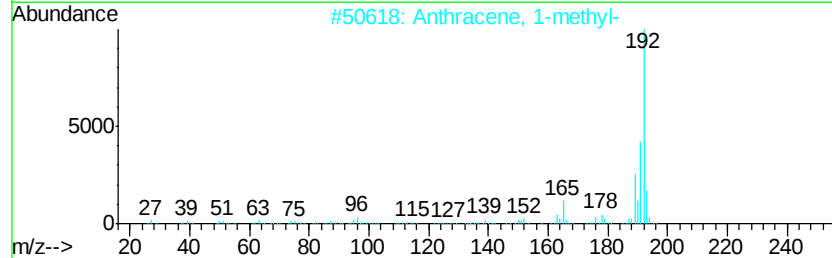
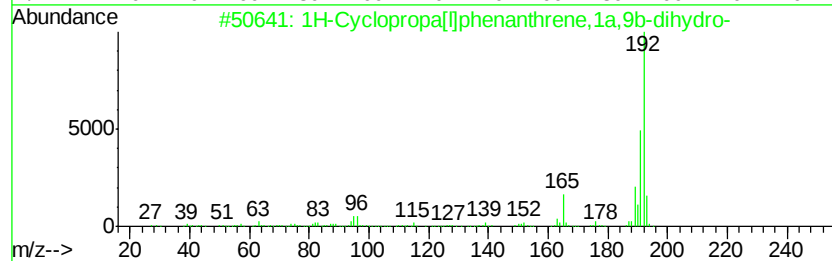
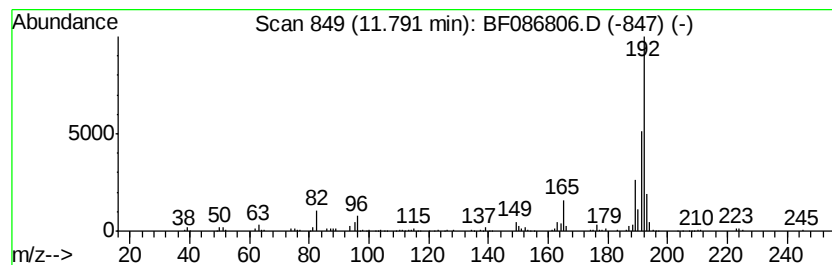
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.04 ng	240983	Phenanthrene-d10	11.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086806.D
Acq On : 8 May 2016 6:42
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Misc :
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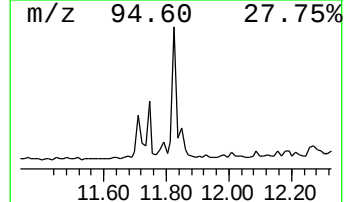
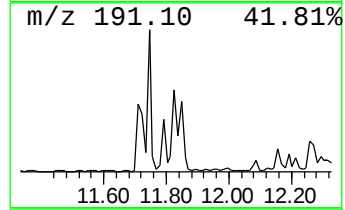
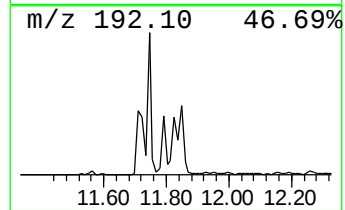
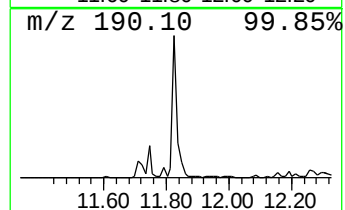
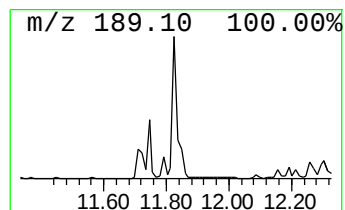
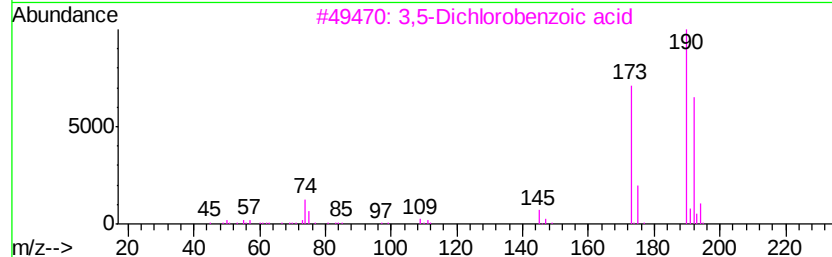
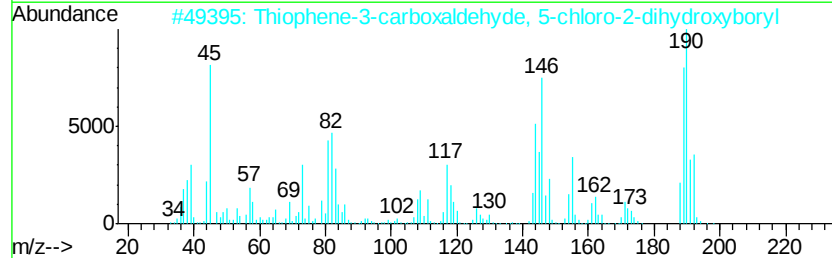
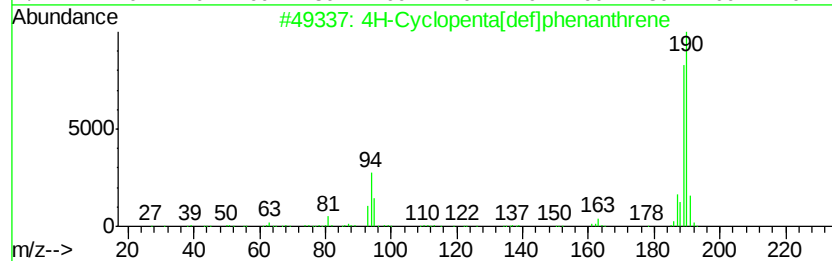
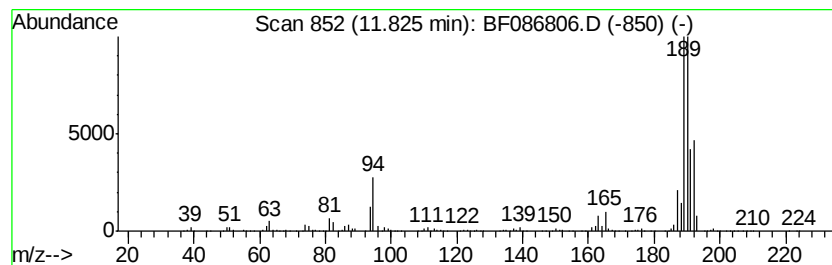
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	22.09 ng	1056010	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3		3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	12
4		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	12
5		2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086806.D
Acq On : 8 May 2016 6:42
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Misc :
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Instrument :
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ClientSampleId :
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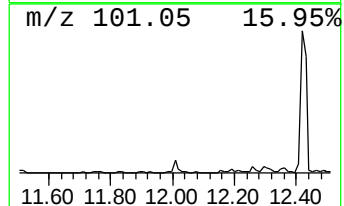
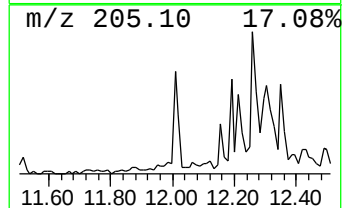
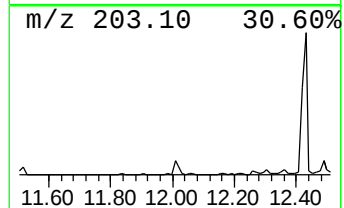
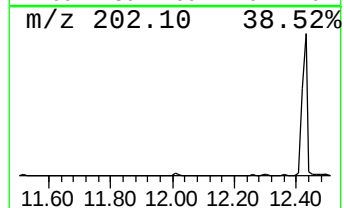
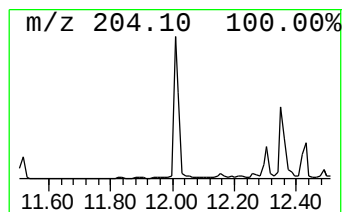
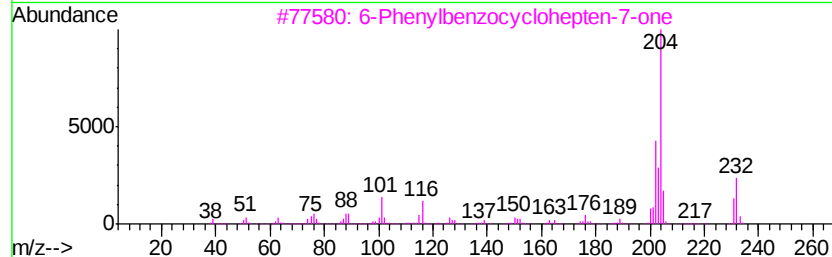
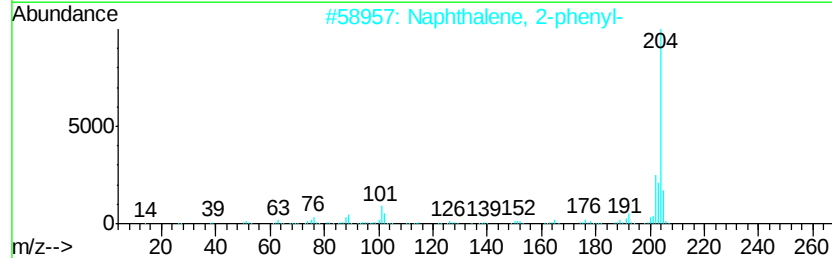
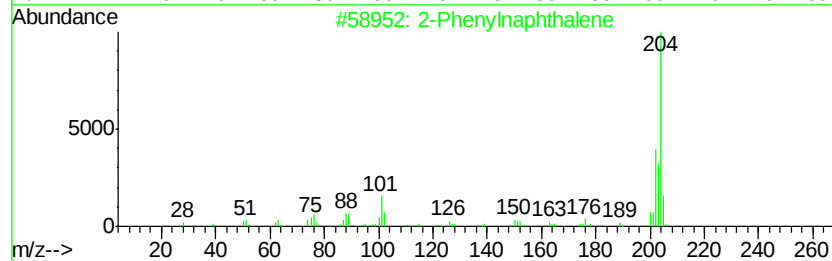
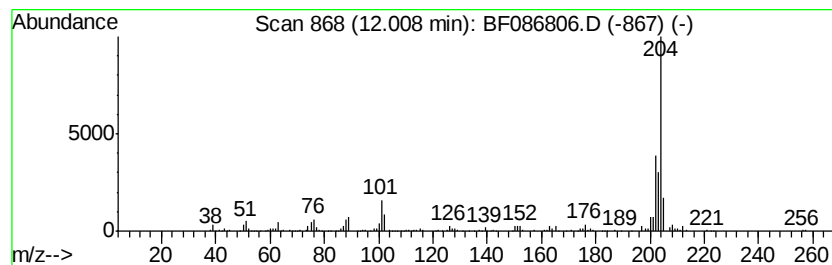
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Phenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.91 ng	234638	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
4		1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	83
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086806.D
Acq On : 8 May 2016 6:42
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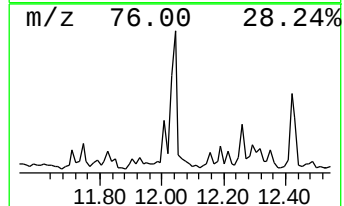
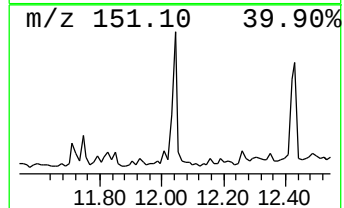
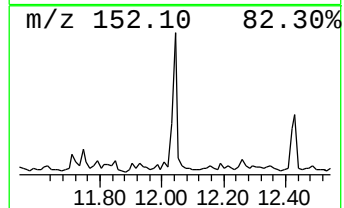
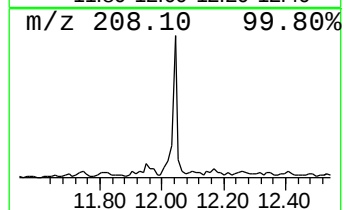
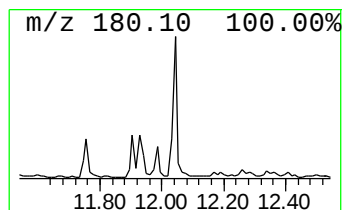
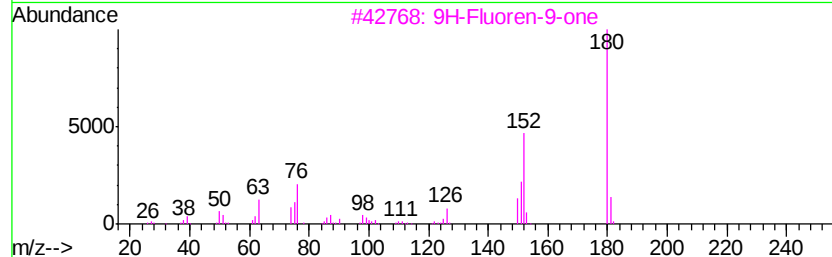
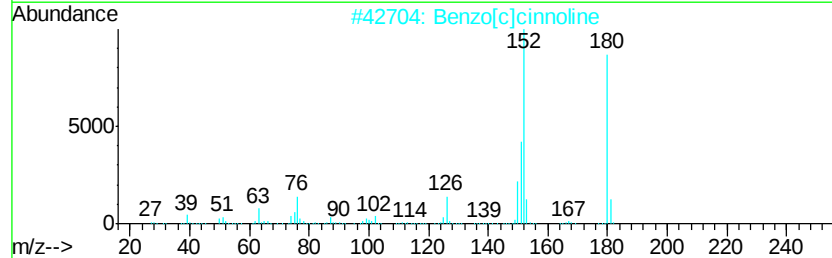
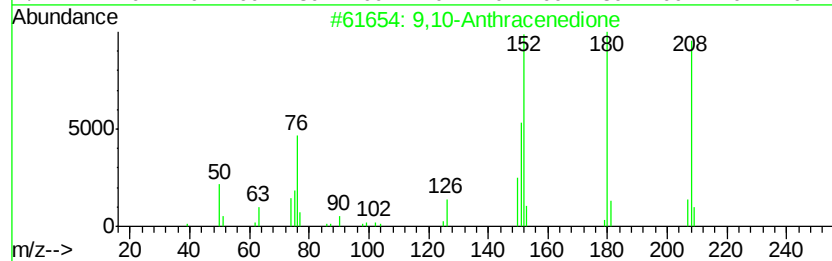
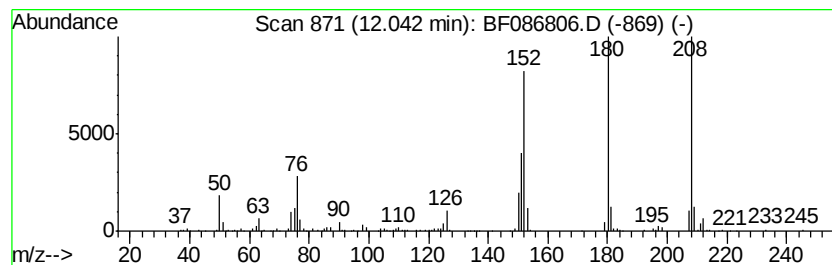
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	5.24 ng	250563	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086806.D
Acq On : 8 May 2016 6:42
Operator : UM/SJ
Sample : H2720-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

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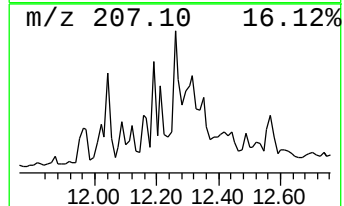
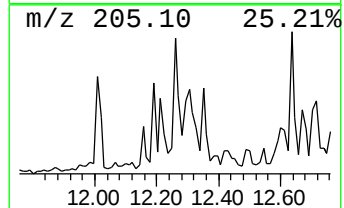
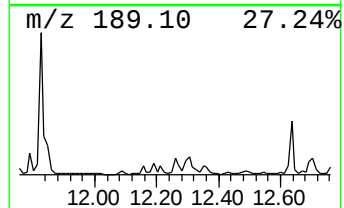
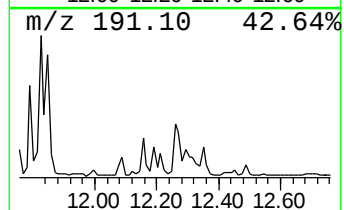
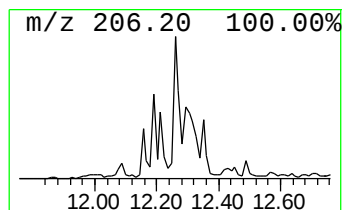
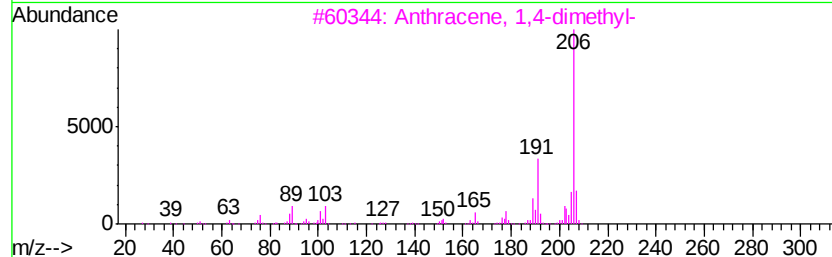
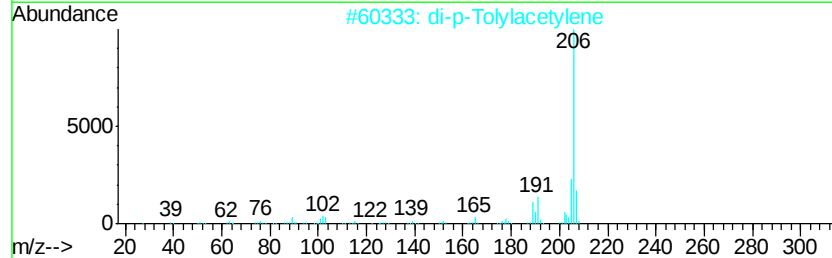
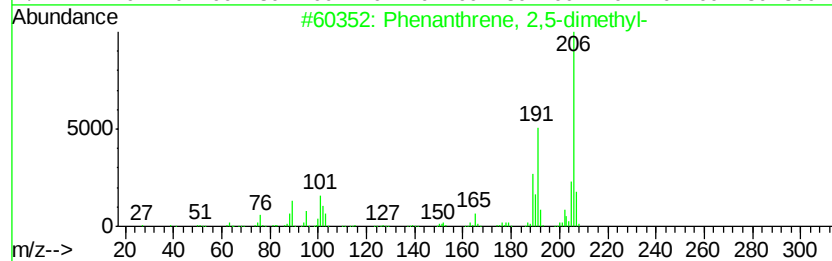
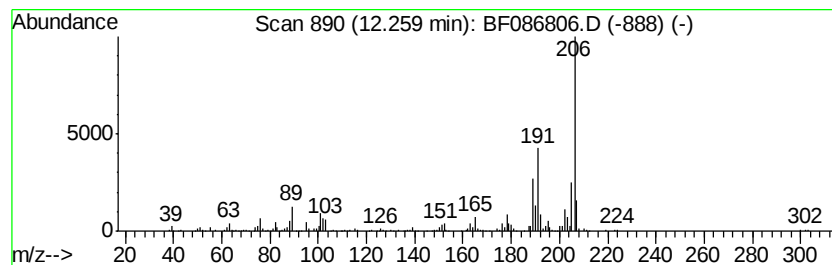
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	6.66 ng	318485	Phenanthrene-d10	11.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086806.D
Acq On : 8 May 2016 6:42
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Sample : H2720-01
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Instrument :
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ClientSampleId :
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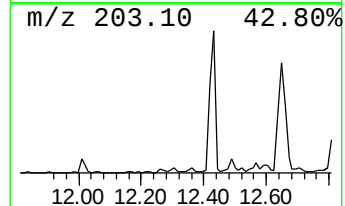
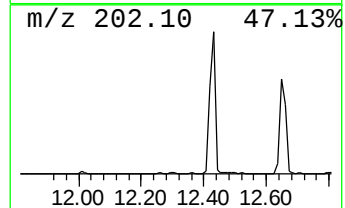
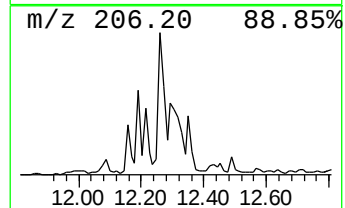
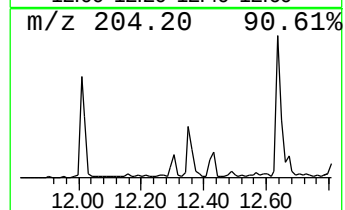
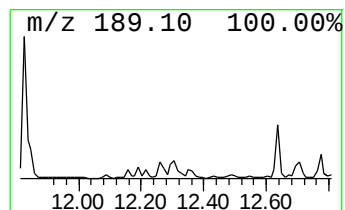
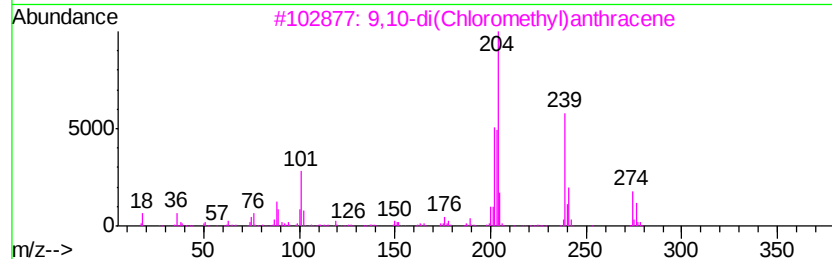
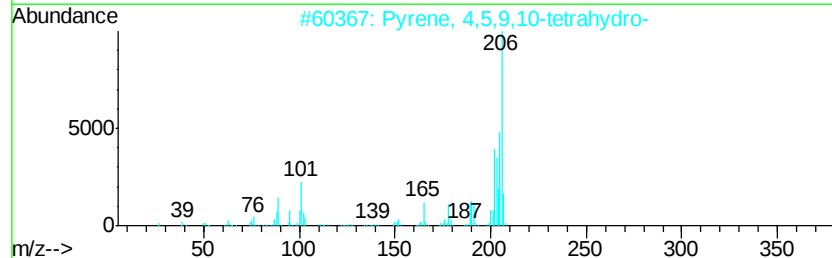
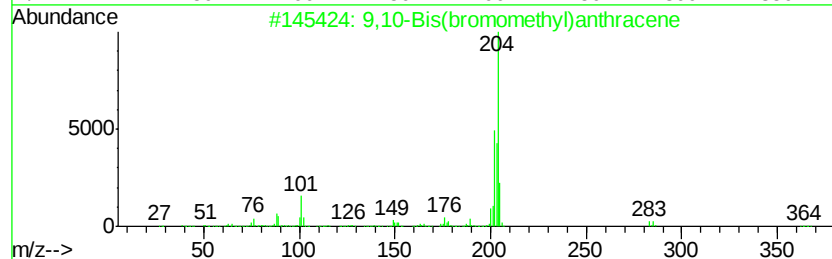
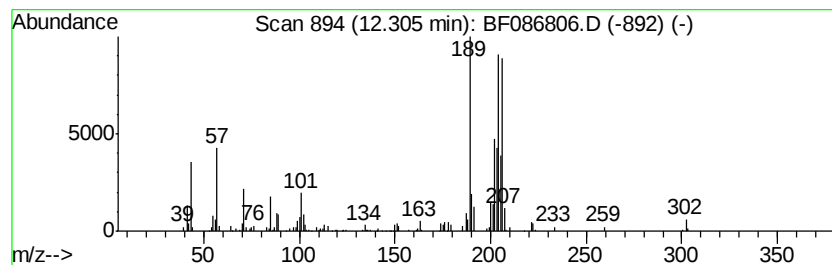
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.31 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	5.65 ng	270124	Phenanthrene-d10	11.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43		
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42		
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35		
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	30		
5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	27		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086806.D
Acq On : 8 May 2016 6:42
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Sample : H2720-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

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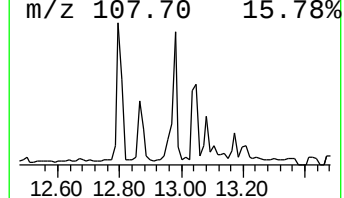
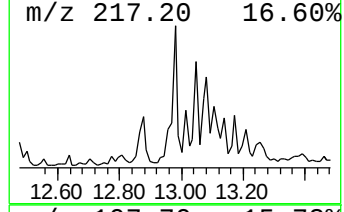
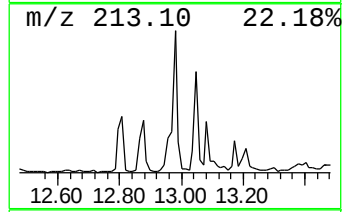
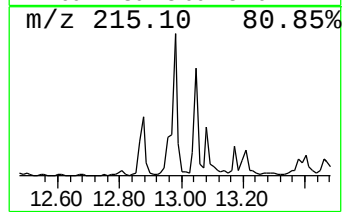
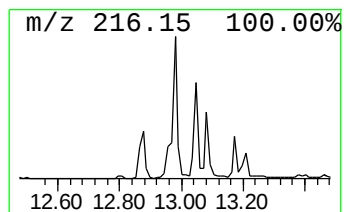
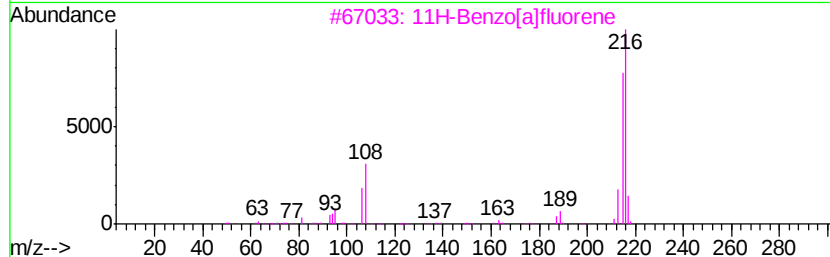
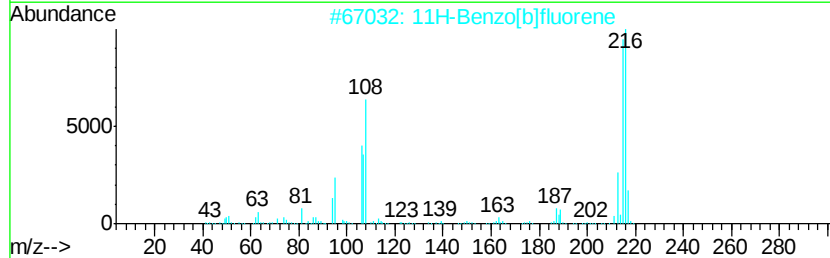
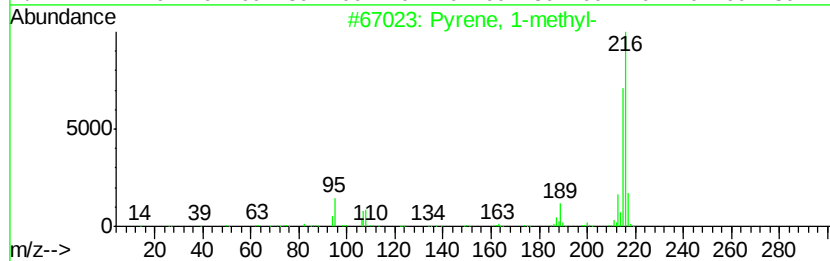
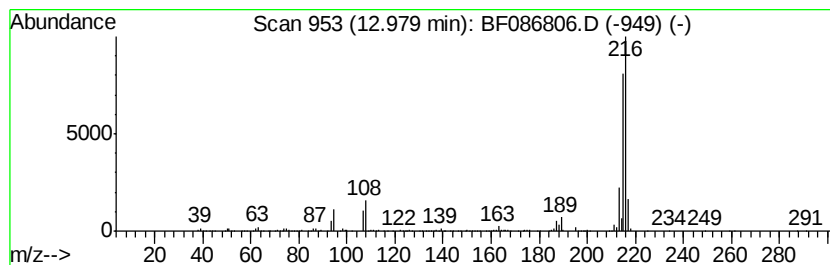
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	8.42 ng	840542	Chrysene-d12	13.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086806.D
Acq On : 8 May 2016 6:42
Operator : UM/SJ
Sample : H2720-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

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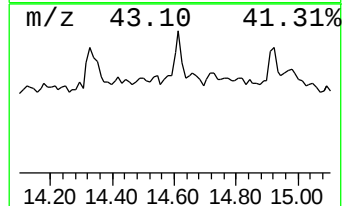
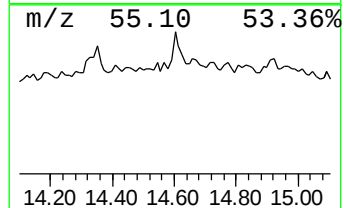
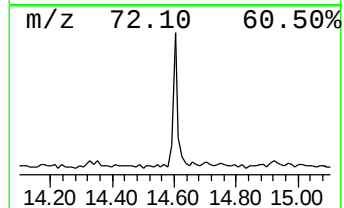
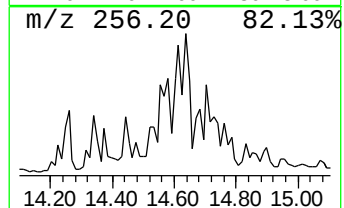
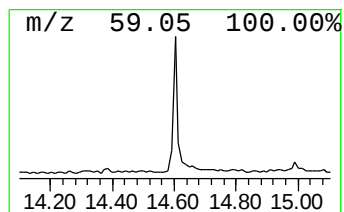
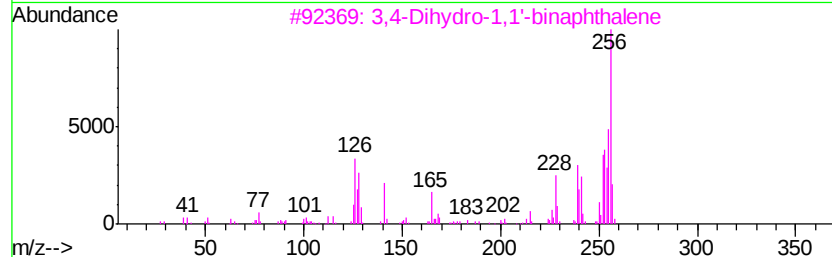
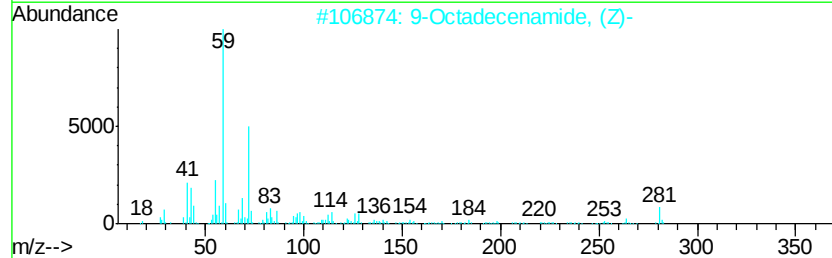
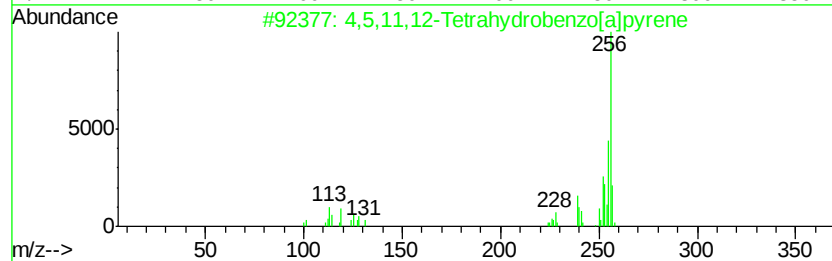
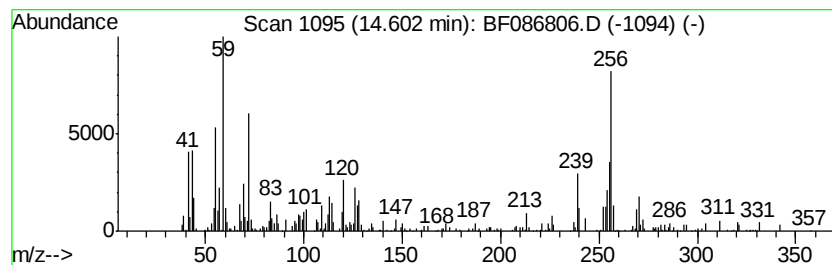
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown14.60 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	13.17 ng	279851	Perylene-d12	15.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	47		
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	38		
3	3,4-Dihydro-1,1'-binaphthalene	256	C20H16	021039-44-1	38		
4	Hexadecanamide	255	C16H33NO	000629-54-9	35		
5	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	30		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086806.D
Acq On : 8 May 2016 6:42
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Misc :
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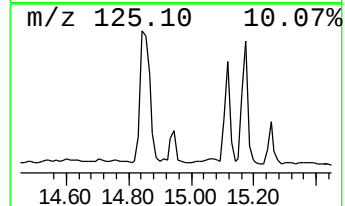
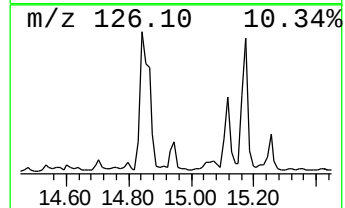
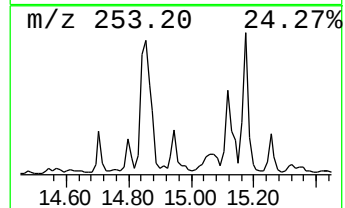
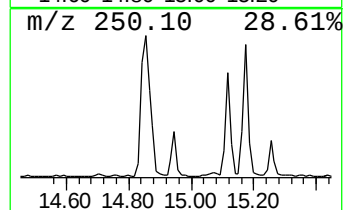
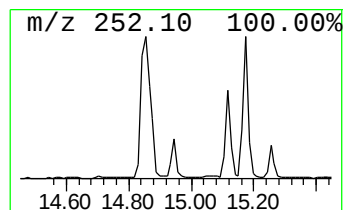
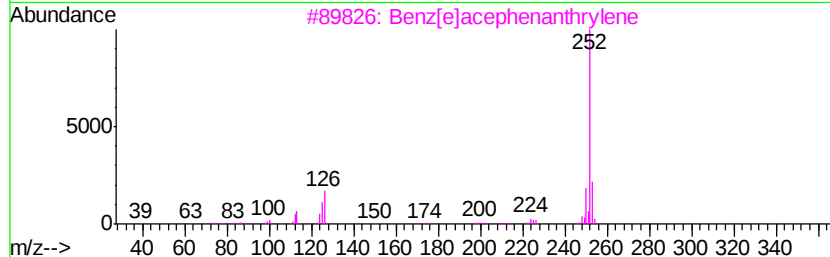
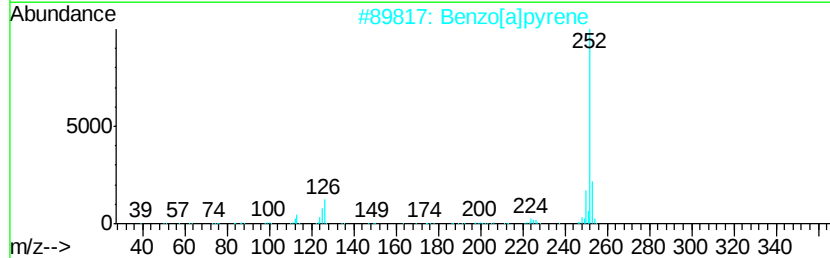
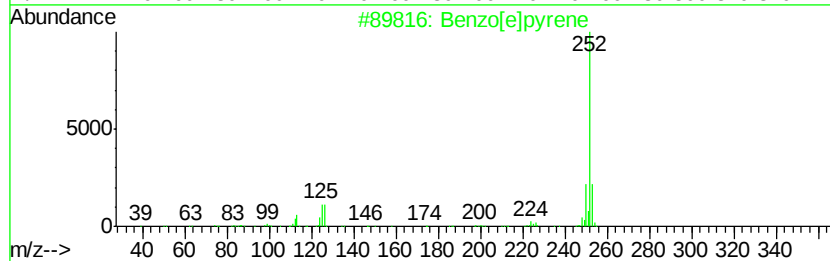
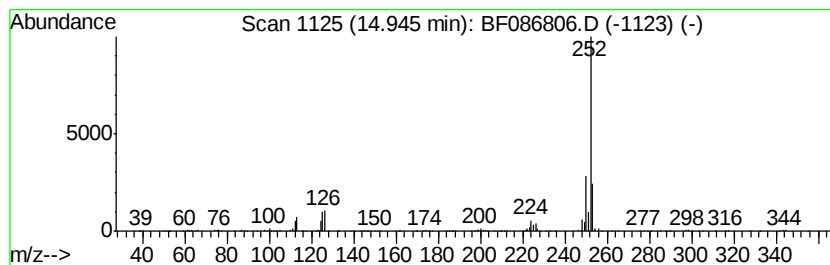
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	9.60 ng	204035	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2		Benzo[a]pyrene	252	C20H12	000050-32-8	90
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
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 Acq On : 8 May 2016 6:42
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 Sample : H2720-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

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...	4.89	12.4	ng	414872	1	6.70	1333940	40.0
unknown6.48	6.48	177.5	ng	5920310	1	6.70	1333940	40.0
Eicosane	10.18	5.8	ng	248720	3	9.73	1706090	40.0
9H-Fluorene, 2-me...	10.83	7.0	ng	333192	4	11.22	1912000	40.0
Xanthene, 9,9-dim...	10.98	6.1	ng	292792	4	11.22	1912000	40.0
Phenanthrene, 2-m...	11.71	11.0	ng	525890	4	11.22	1912000	40.0
1H-Cyclopropa[1]p...	11.79	5.0	ng	240983	4	11.22	1912000	40.0
4H-Cyclopenta[def...	11.83	22.1	ng	1056010	4	11.22	1912000	40.0
2-Phenyl naphthalene	12.01	4.9	ng	234638	4	11.22	1912000	40.0
9,10-Anthracenedione	12.04	5.2	ng	250563	4	11.22	1912000	40.0
Phenanthrene, 2,5...	12.26	6.7	ng	318485	4	11.22	1912000	40.0
unknown12.31	12.31	5.7	ng	270124	4	11.22	1912000	40.0
Pyrene, 1-methyl-	12.98	8.4	ng	840542	5	13.85	3994980	40.0
unknown14.60	14.60	13.2	ng	279851	6	15.23	850209	40.0
Benzo[e]pyrene	14.95	9.6	ng	204035	6	15.23	850209	40.0