

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088573.D
 Acq On : 1 Jul 2016 14:22
 Operator : UM/SJ
 Sample : H3808-10 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

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-BF063016.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	1.644	3	5	7	rVB	3937778	4591392	67.64%	8.730%
2	1.736	12	13	23	rVB	369684	657402	9.68%	1.250%
3	1.873	23	25	38	rVB	3048883	6788284	100.00%	12.907%
4	3.027	123	126	138	rBV	68099	176421	2.60%	0.335%
5	4.970	293	296	300	rBV	63376	88702	1.31%	0.169%
6	5.393	330	333	336	rBV	1438643	1324276	19.51%	2.518%
7	6.433	421	424	426	rBV	1621953	1528855	22.52%	2.907%
8	6.570	433	436	438	rBV	1619459	1464081	21.57%	2.784%
9	6.810	454	457	459	rBV	818760	881755	12.99%	1.676%
10	6.959	468	470	473	rVB	1126438	1092545	16.09%	2.077%
11	7.370	503	506	508	rBV	913490	956581	14.09%	1.819%
12	8.090	567	569	571	rBV	1335731	1171904	17.26%	2.228%
13	9.165	661	663	666	rVB	1630599	1482525	21.84%	2.819%
14	9.565	696	698	700	rBV	148496	157805	2.32%	0.300%
15	9.839	720	722	724	rBV2	1121750	1144059	16.85%	2.175%
16	9.873	724	725	727	rVB	359623	258042	3.80%	0.491%
17	10.045	738	740	742	rVB	228459	185402	2.73%	0.353%
18	10.388	768	770	772	rVB	295634	267793	3.94%	0.509%
19	10.548	782	784	786	rVB	60915	71963	1.06%	0.137%
20	10.628	788	791	793	rVV2	651899	814252	11.99%	1.548%
21	10.754	798	802	807	rBV2	48936	82857	1.22%	0.158%
22	10.936	814	818	821	rBV5	42144	119637	1.76%	0.227%
23	11.085	826	831	832	rVV3	39684	89619	1.32%	0.170%
24	11.119	832	834	837	rVV	139842	140909	2.08%	0.268%
25	11.211	840	842	846	rVV2	175158	253487	3.73%	0.482%
26	11.325	849	852	853	rVV	914919	1588904	23.41%	3.021%
27	11.348	853	854	856	rVV	2970927	2151467	31.69%	4.091%
28	11.394	856	858	860	rVV	893995	785479	11.57%	1.493%
29	11.428	860	861	864	rVV	74327	75656	1.11%	0.144%
30	11.542	868	871	873	rVV2	330867	398970	5.88%	0.759%
31	11.622	876	878	882	rVV2	76305	182478	2.69%	0.347%
32	11.725	885	887	890	rVB	278258	241962	3.56%	0.460%
33	11.817	893	895	896	rVV	219351	211055	3.11%	0.401%
34	11.851	896	898	900	rVB	271186	291375	4.29%	0.554%

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35	11.897	900	902	903	rBV	104324	111386	1.64%	0.212%
36	11.931	903	905	909	rVB2	434564	525743	7.74%	1.000%
37	12.034	911	914	919	rVV3	42176	107422	1.58%	0.204%
38	12.114	919	921	925	rVB2	217572	364653	5.37%	0.693%
39	12.365	940	943	945	rBV	89138	113833	1.68%	0.216%
40	12.411	945	947	955	rVV4	519658	1110443	16.36%	2.111%
41	12.525	955	957	959	rVB	1881404	2349665	34.61%	4.467%
42	12.582	959	962	966	rVB	60339	99591	1.47%	0.189%
43	12.674	966	970	974	rBV2	93752	183828	2.71%	0.350%
44	12.754	974	977	980	rBV	1870960	2238626	32.98%	4.256%
45	12.799	980	981	985	rVB2	100306	95645	1.41%	0.182%
46	12.868	985	987	988	rBV	107796	121475	1.79%	0.231%
47	12.902	988	990	992	rVB	1363715	1193632	17.58%	2.269%
48	12.971	992	996	1000	rVB3	102304	236972	3.49%	0.451%
49	13.085	1000	1006	1007	rBV	211310	405255	5.97%	0.771%
50	13.142	1010	1011	1013	rBV	181828	211216	3.11%	0.402%
51	13.188	1013	1015	1018	rVB2	115394	222572	3.28%	0.423%
52	13.268	1021	1022	1024	rVB2	60684	79378	1.17%	0.151%
53	13.302	1024	1025	1028	rBV2	91862	111993	1.65%	0.213%
54	13.382	1030	1032	1034	rBV	586715	523420	7.71%	0.995%
55	13.485	1036	1041	1044	rBV3	65607	185988	2.74%	0.354%
56	13.577	1047	1049	1052	rVB	109775	139710	2.06%	0.266%
57	13.691	1057	1059	1061	rBV	160090	243085	3.58%	0.462%
58	13.725	1061	1062	1063	rVV	130851	111035	1.64%	0.211%
59	13.748	1063	1064	1066	rVV2	104309	132803	1.96%	0.252%
60	13.782	1066	1067	1069	rVV	94500	110375	1.63%	0.210%
61	13.817	1069	1070	1072	rVB2	82257	92885	1.37%	0.177%
62	13.942	1077	1081	1083	rBV2	1404847	2392468	35.24%	4.549%
63	13.977	1083	1084	1086	rVB	746580	557472	8.21%	1.060%
64	14.045	1088	1090	1092	rBV2	137293	185749	2.74%	0.353%
65	14.137	1096	1098	1099	rBV2	76068	110683	1.63%	0.210%
66	14.160	1099	1100	1102	rVB2	70191	93765	1.38%	0.178%
67	14.331	1111	1115	1116	rBV	127920	172773	2.55%	0.328%
68	14.422	1121	1123	1124	rBV	69451	70748	1.04%	0.135%
69	14.525	1129	1132	1135	rBV3	77711	156977	2.31%	0.298%
70	14.628	1139	1141	1142	rBV	91758	107776	1.59%	0.205%
71	14.708	1146	1148	1149	rBV2	47034	80894	1.19%	0.154%

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72	14.800	1154	1156	1159	rVV3	92048	189609	2.79%	0.361%
73	14.903	1163	1165	1167	rVV	155765	183105	2.70%	0.348%
74	14.960	1167	1170	1174	rVV	648347	1443896	21.27%	2.745%
75	15.051	1176	1178	1180	rVB	163877	160042	2.36%	0.304%
76	15.177	1186	1189	1192	rVV	156901	204699	3.02%	0.389%
77	15.234	1192	1194	1197	rVB	422536	510465	7.52%	0.971%
78	15.291	1197	1199	1202	rBV	597751	676928	9.97%	1.287%
79	15.348	1202	1204	1211	rVB2	589023	957333	14.10%	1.820%
80	15.497	1215	1217	1221	rBV5	48733	116607	1.72%	0.222%
81	16.697	1319	1322	1326	rVB2	236868	466929	6.88%	0.888%
82	17.097	1354	1357	1366	rVB	194711	413312	6.09%	0.786%
83	17.303	1373	1375	1379	rVB	42362	84686	1.25%	0.161%
84	19.326	1548	1552	1556	rBV	32454	117840	1.74%	0.224%

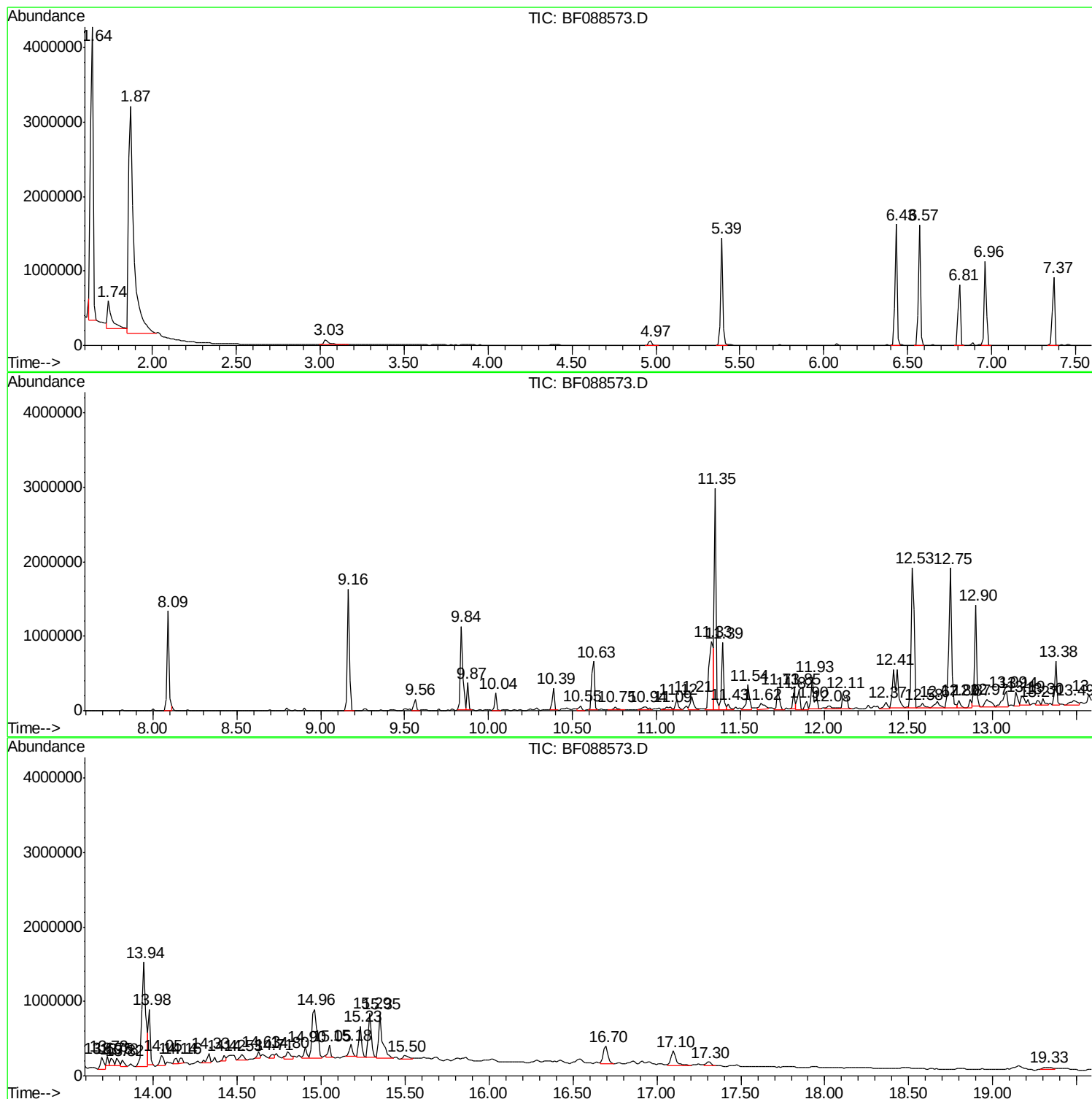
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : H3808-10 2X
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Instrument :
BNA_F
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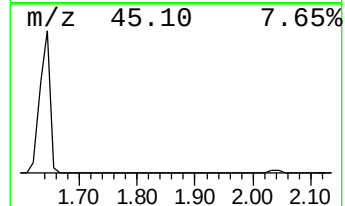
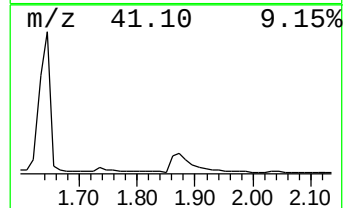
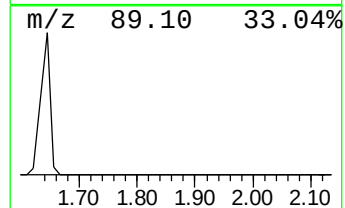
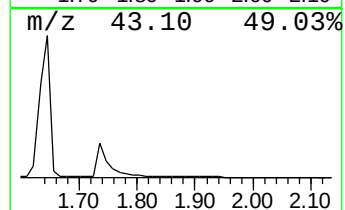
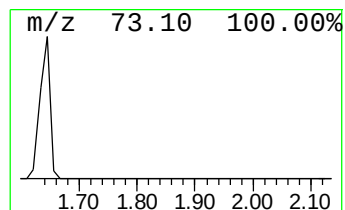
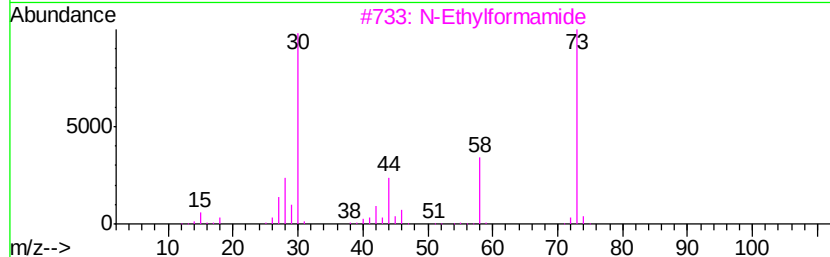
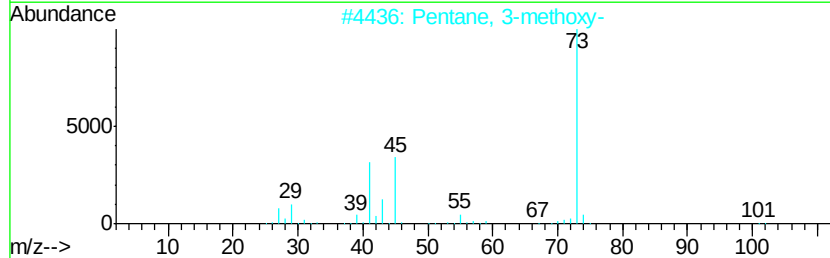
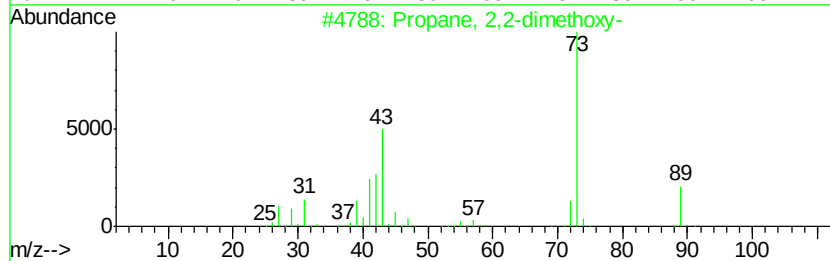
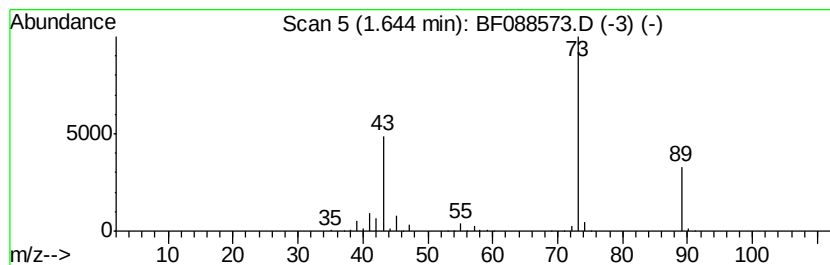
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.64	104.14 ng	4591390	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5			Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



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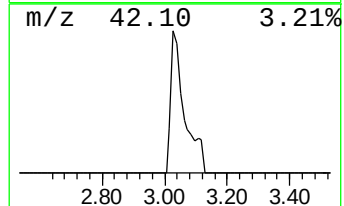
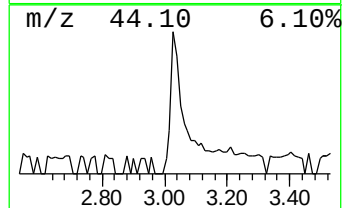
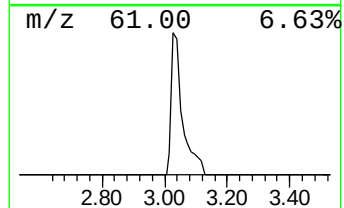
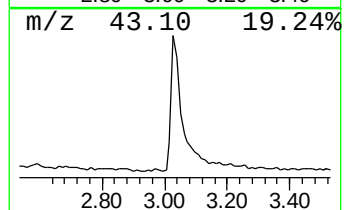
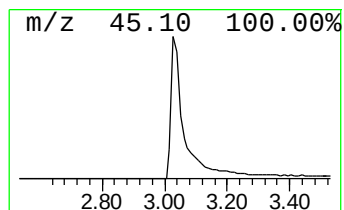
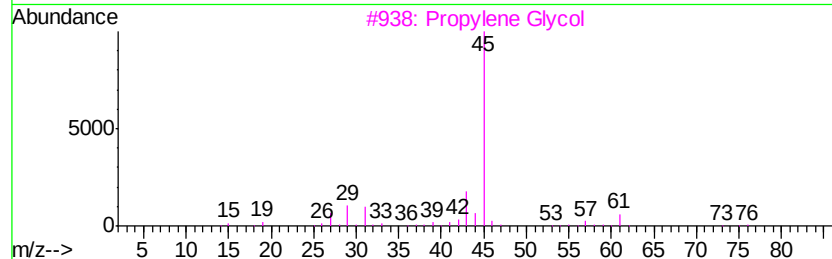
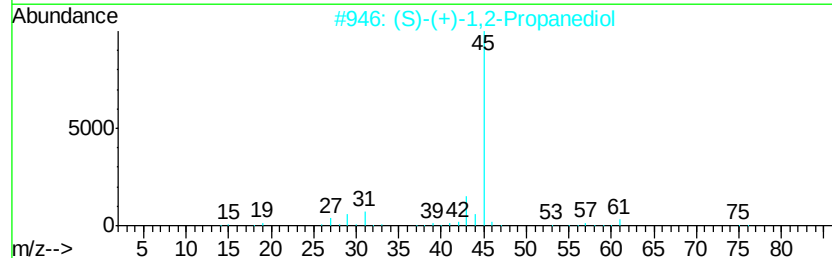
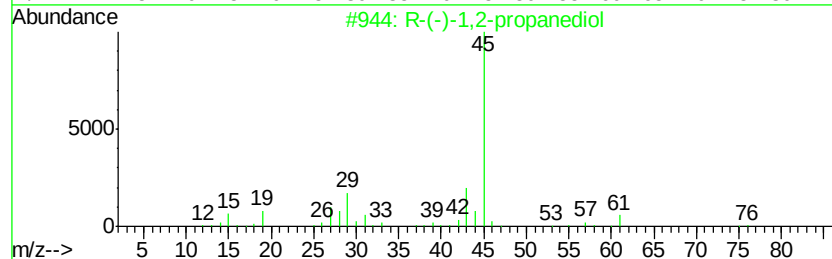
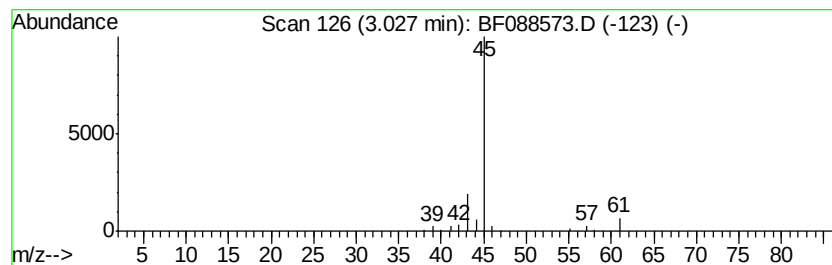
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 R-(-)-1,2-propanediol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.03	4.00 ng	176421	1,4-Dichlorobenzene-d4	6.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	64
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
3	Propylene Glycol	76	C3H8O2	000057-55-6	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Formamide	45	CH3NO	000075-12-7	7



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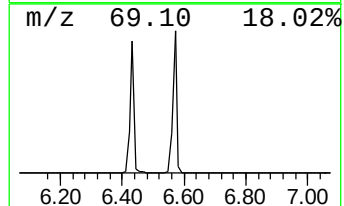
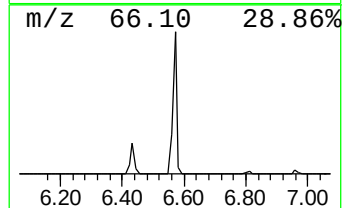
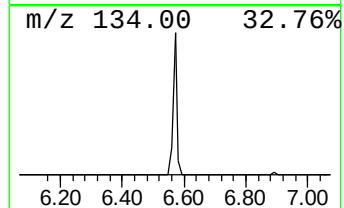
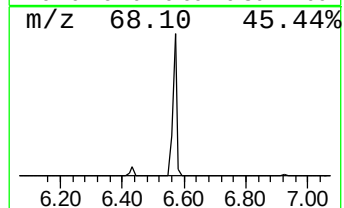
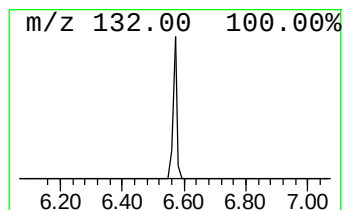
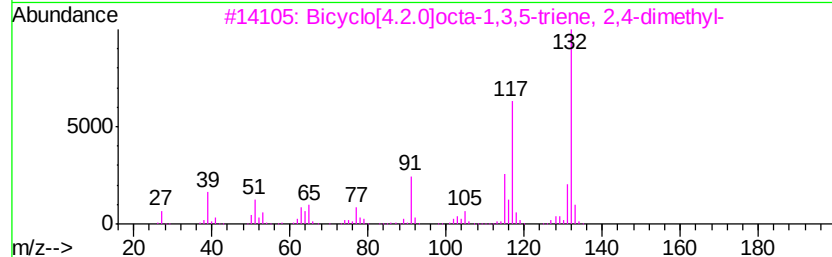
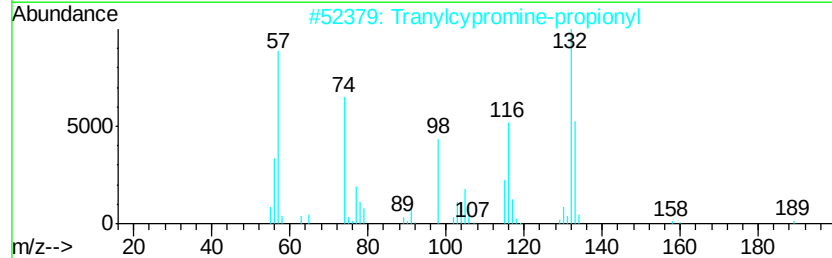
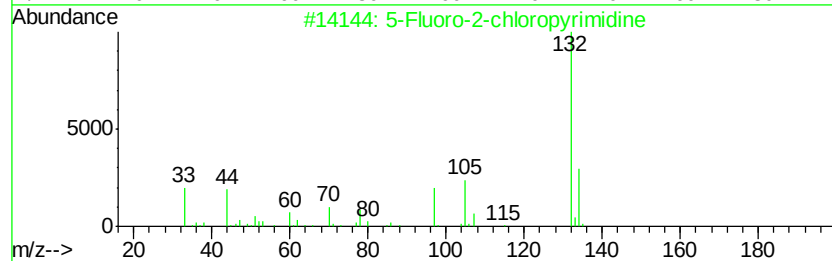
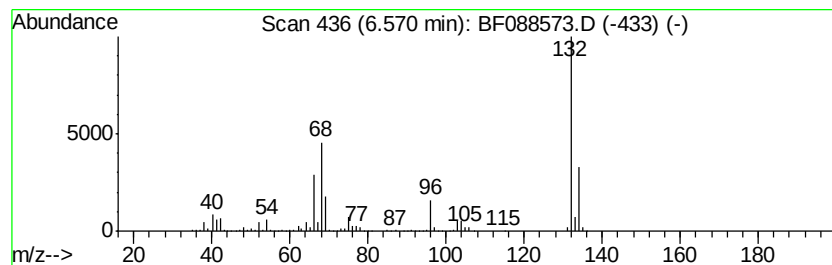
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown6.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	33.21 ng	1464080	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
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		Xenon	132	Xe	007440-63-3	9



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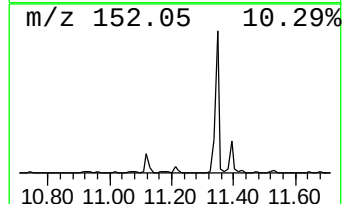
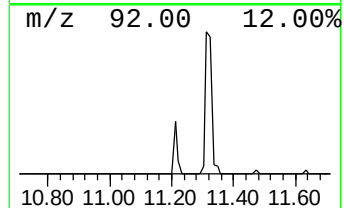
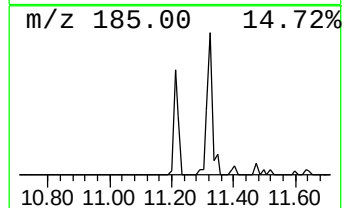
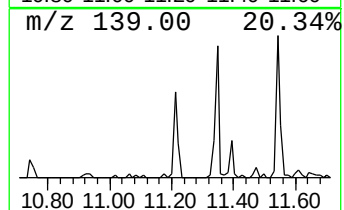
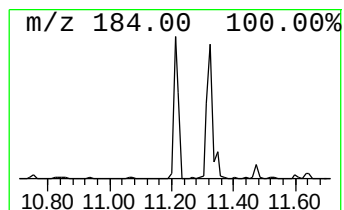
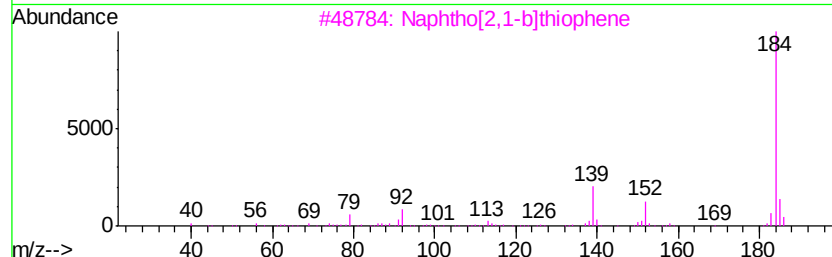
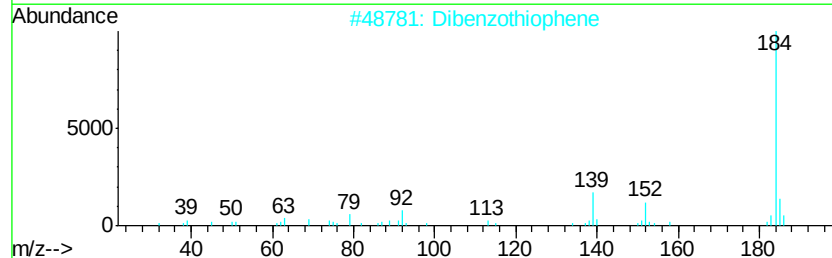
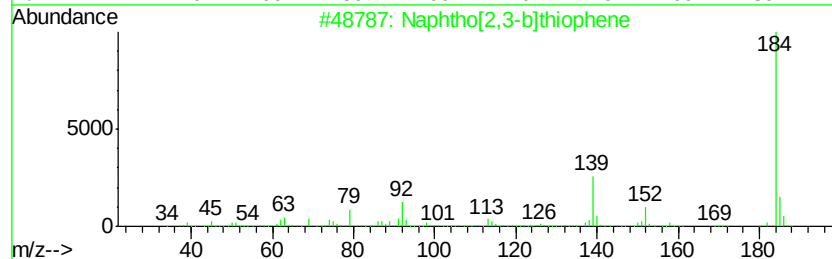
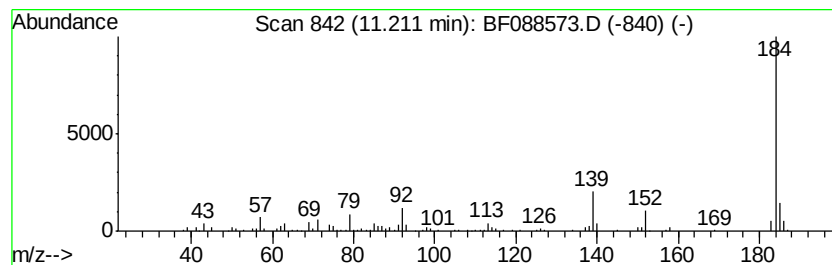
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ClientSampleId :
SB-05-COMP

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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 7 Naphtho[2,3-b]thiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.21	3.19 ng	253487	Phenanthrene-d10		11.32	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
2		Dibenzothiophene	184	C12H8S	000132-65-0	95
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088573.D
Acq On : 1 Jul 2016 14:22
Operator : UM/SJ
Sample : H3808-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

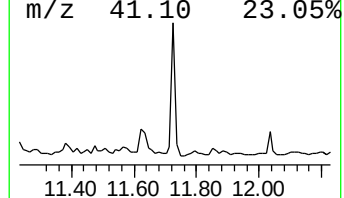
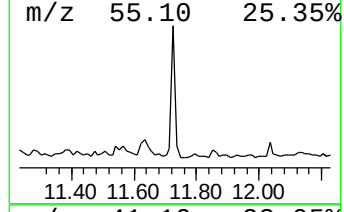
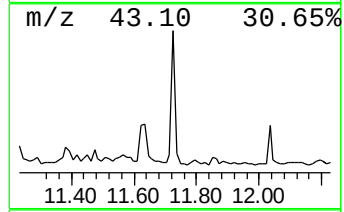
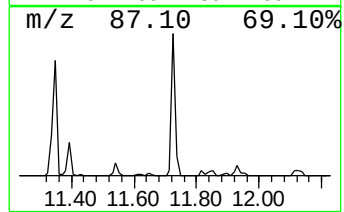
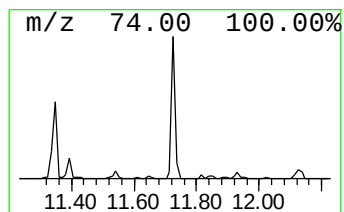
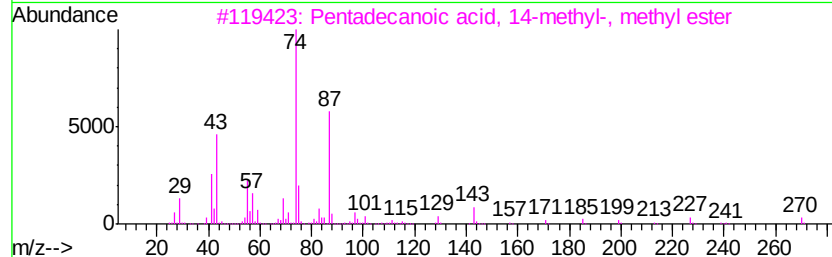
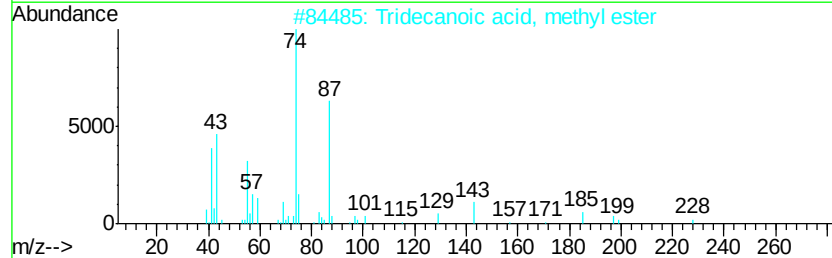
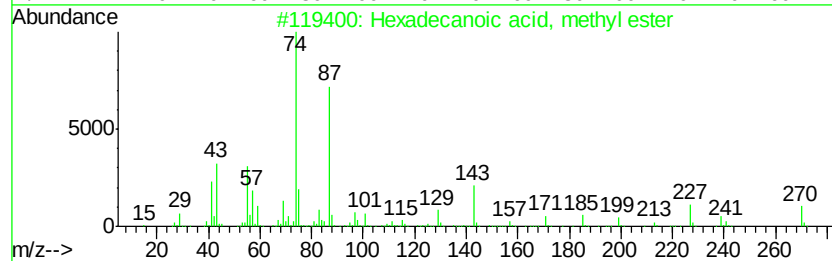
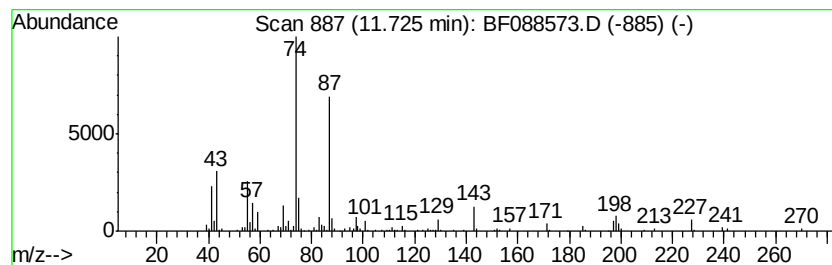
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	3.05 ng	241962	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
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Sample : H3808-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

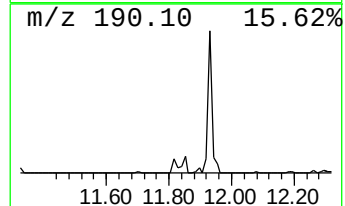
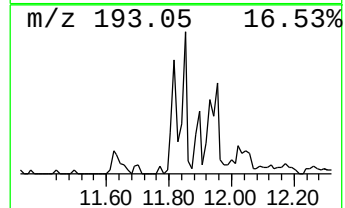
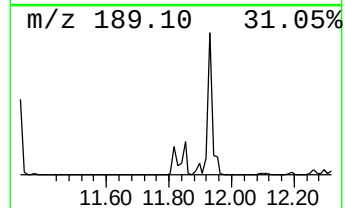
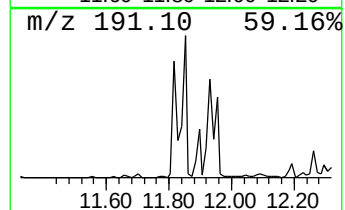
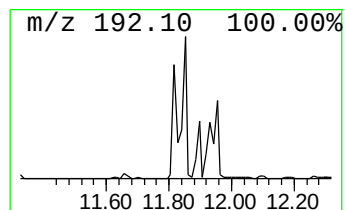
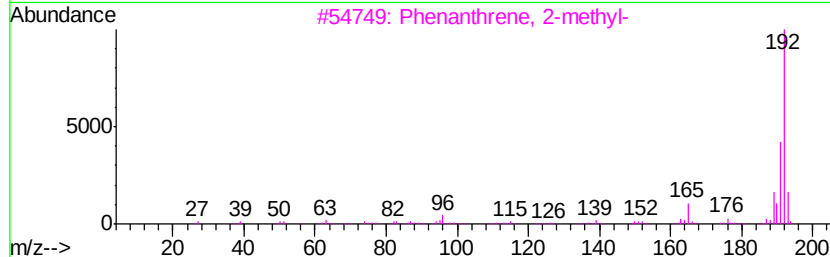
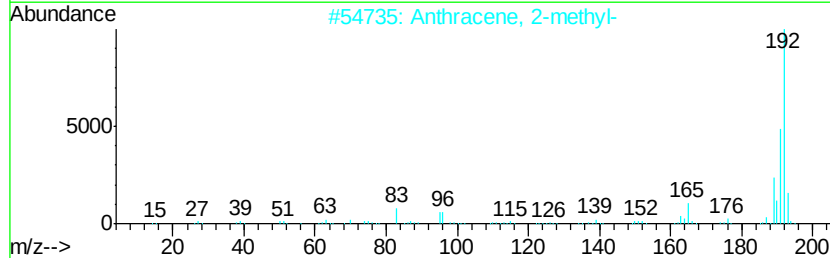
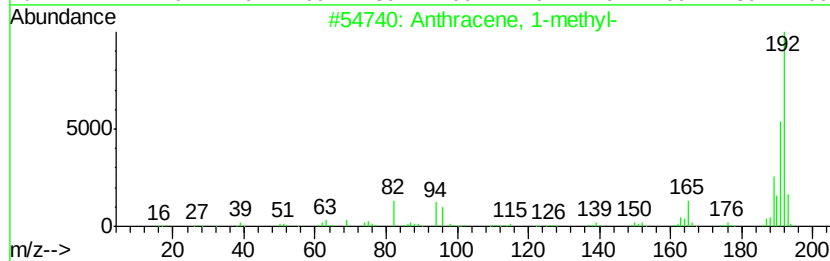
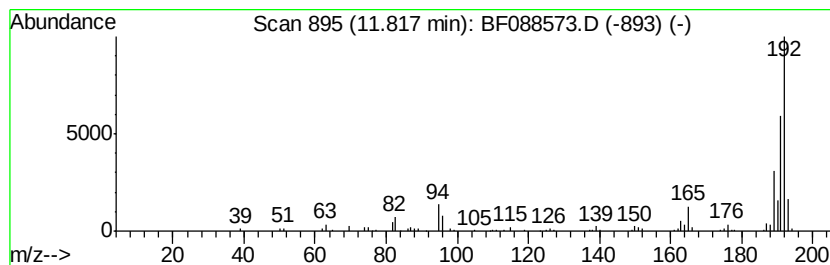
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.82	2.66 ng	211055	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
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Operator : UM/SJ
Sample : H3808-10 2X
Misc :
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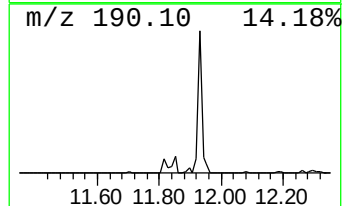
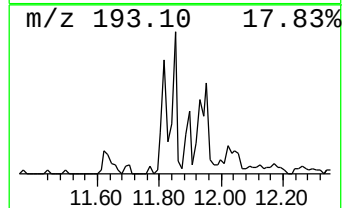
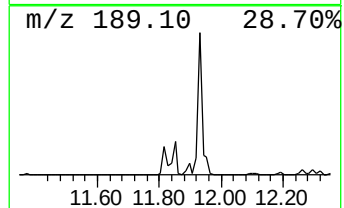
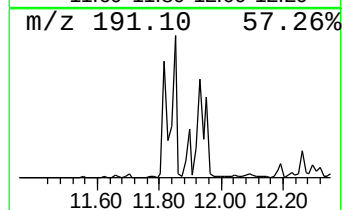
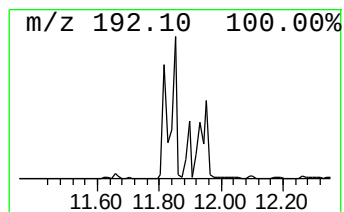
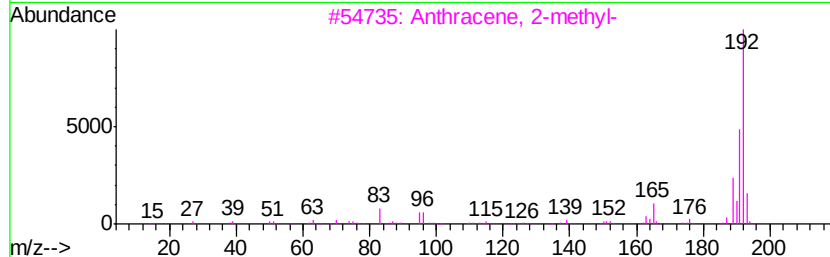
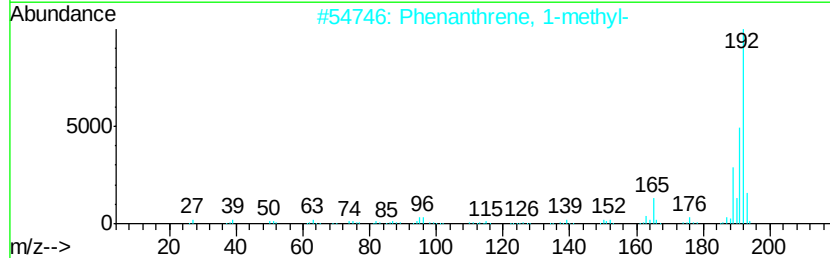
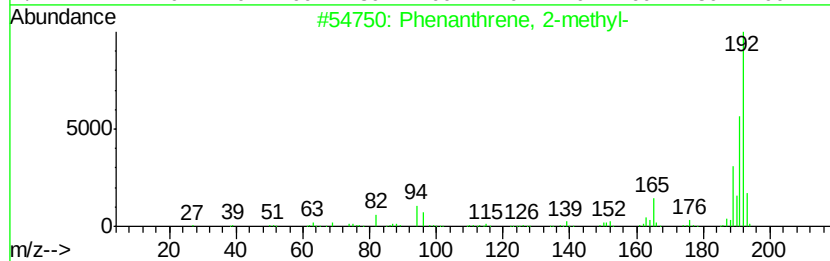
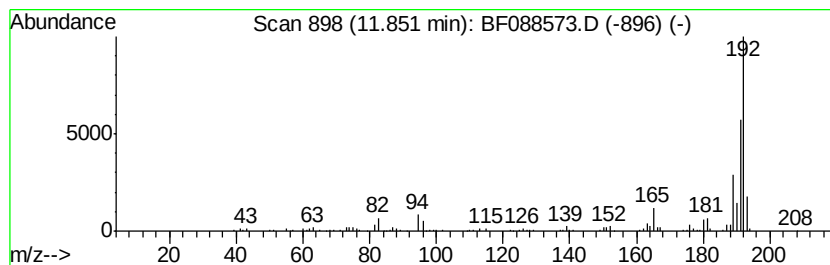
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	3.67 ng	291375	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088573.D
Acq On : 1 Jul 2016 14:22
Operator : UM/SJ
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Misc :
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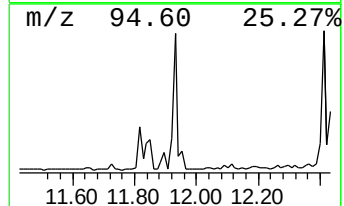
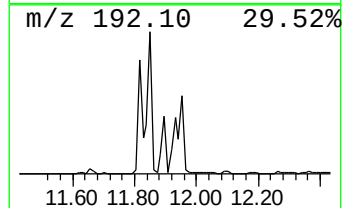
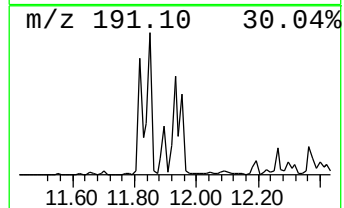
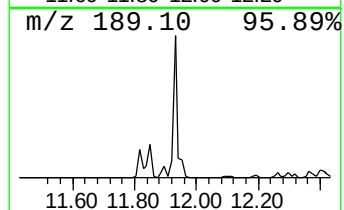
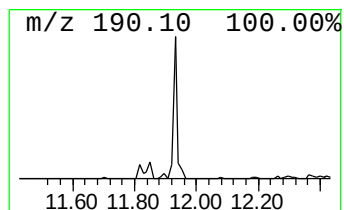
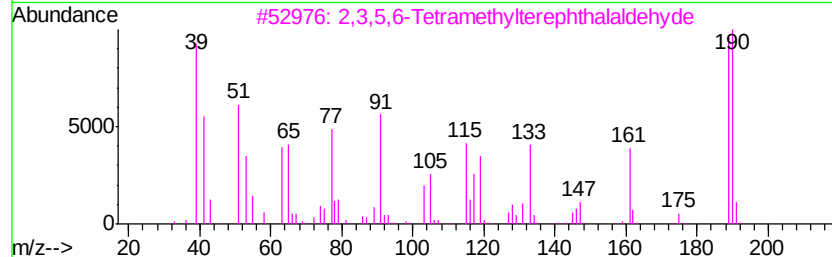
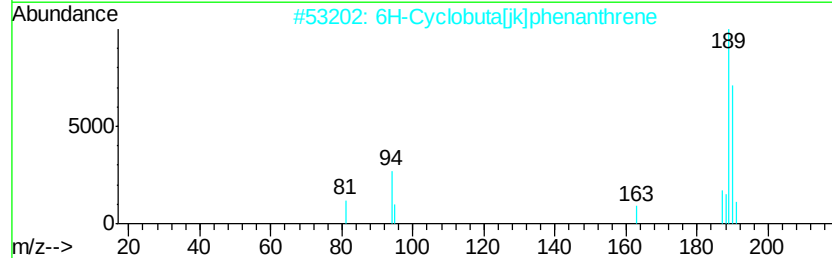
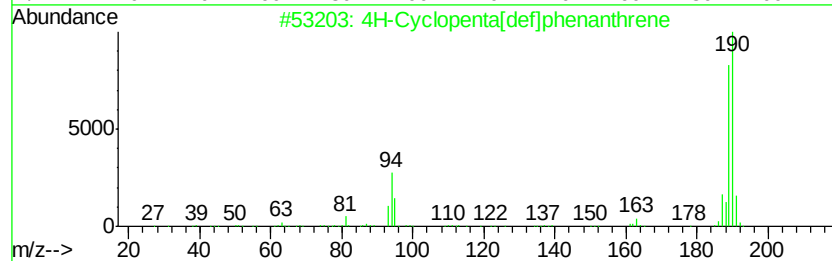
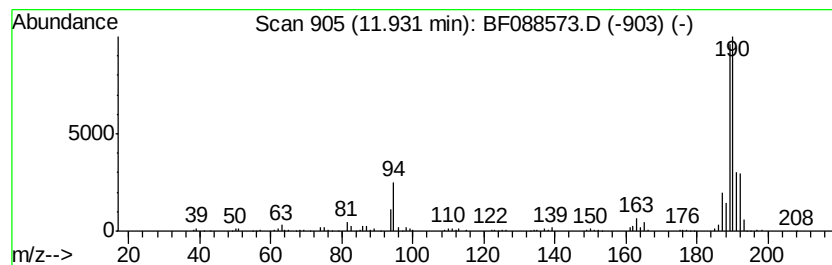
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.62 ng	525743	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
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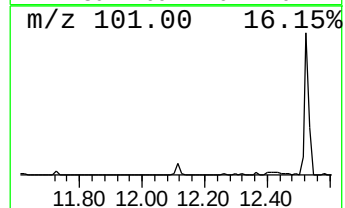
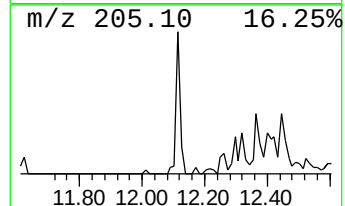
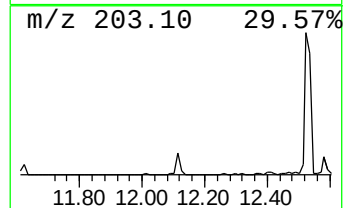
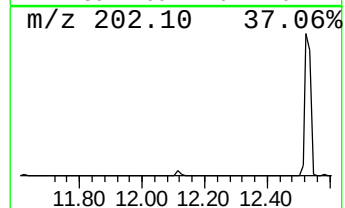
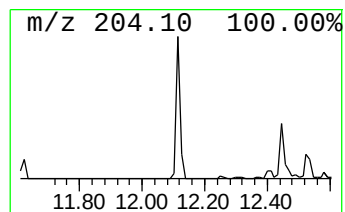
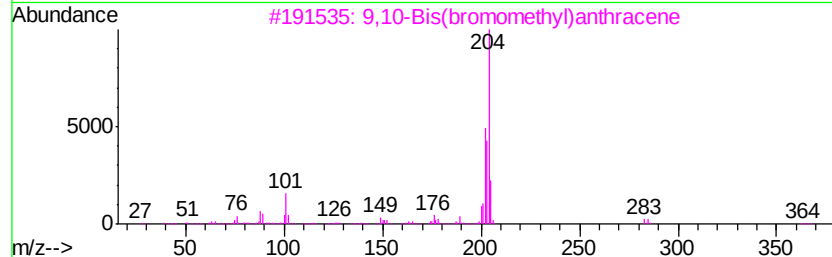
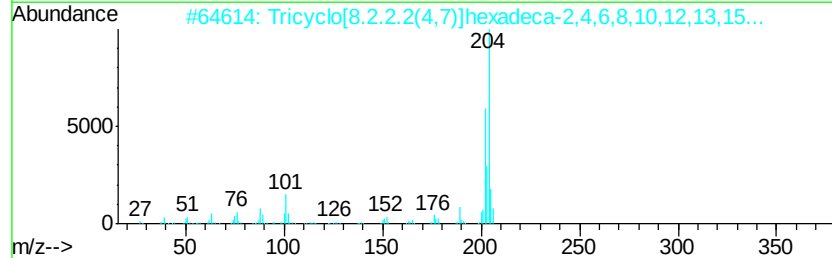
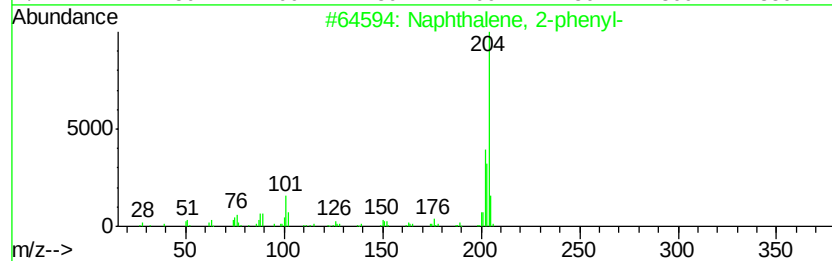
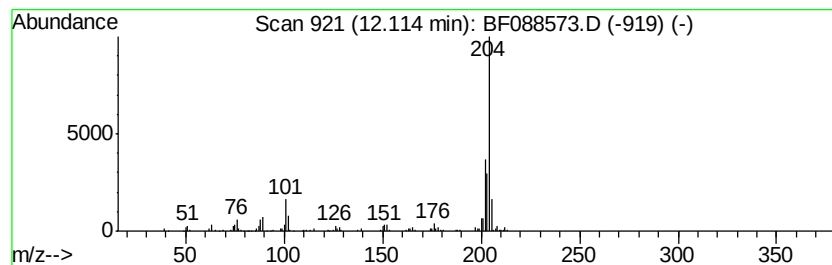
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.11	4.59 ng	364653	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088573.D
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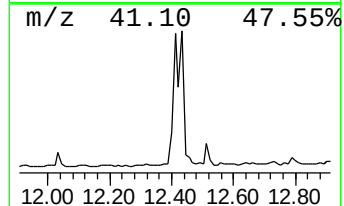
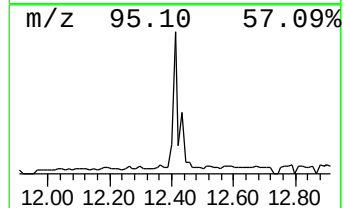
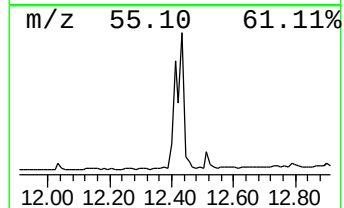
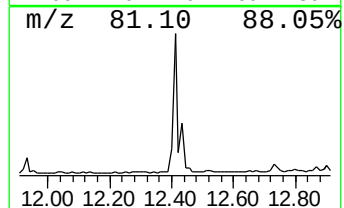
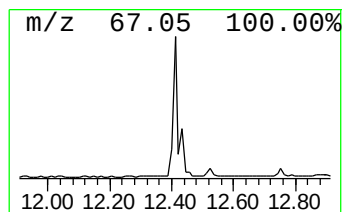
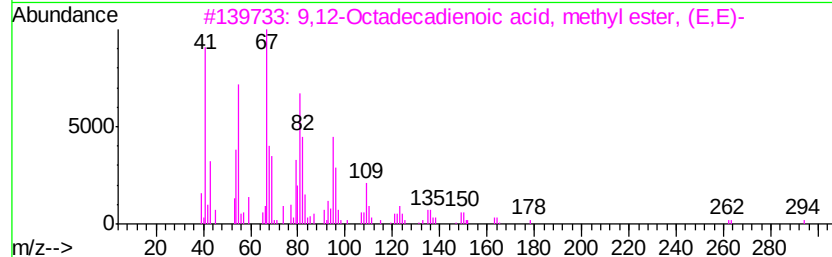
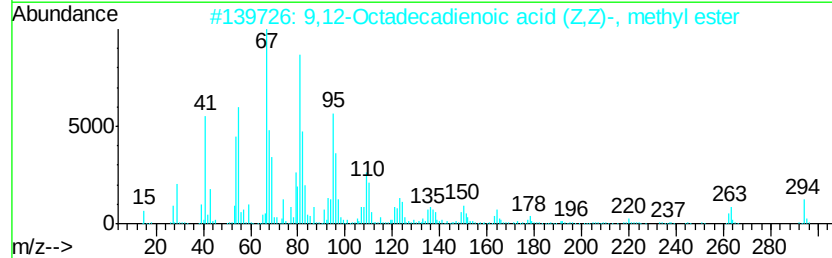
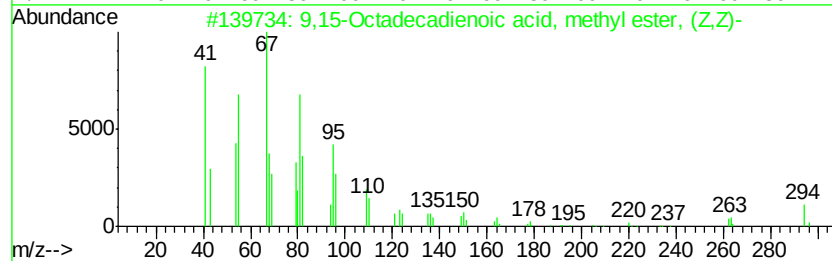
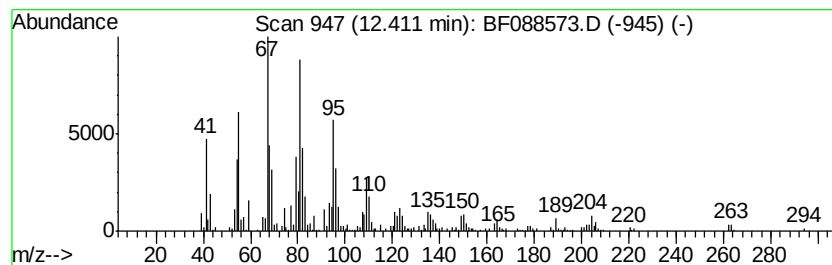
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,15-Octadecadienoic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	13.98 ng	1110440	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
3			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
4			9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
5			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
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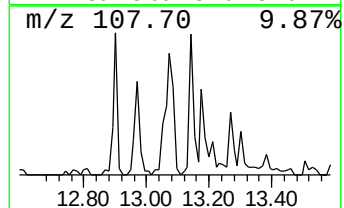
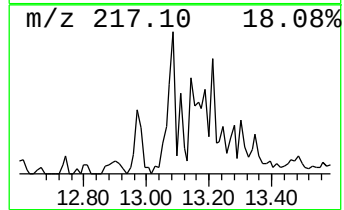
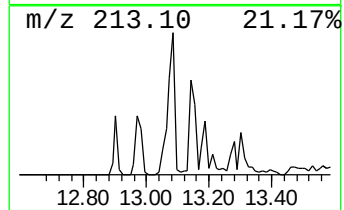
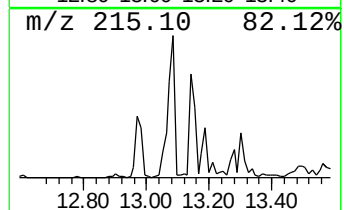
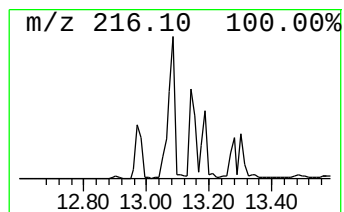
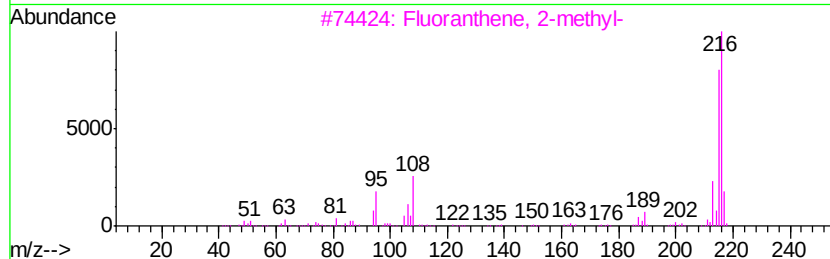
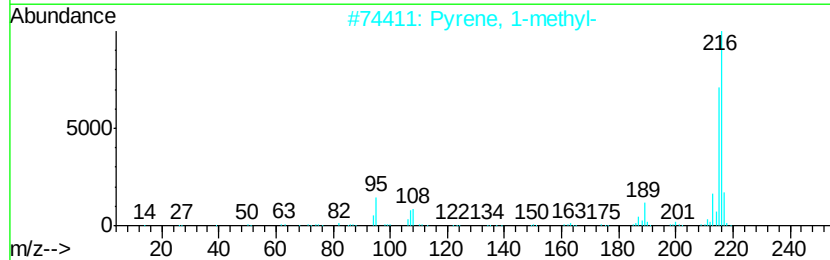
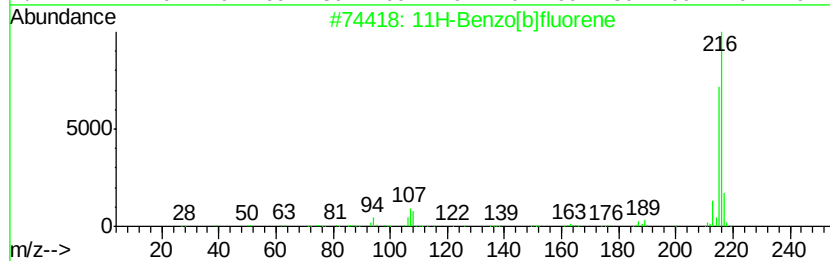
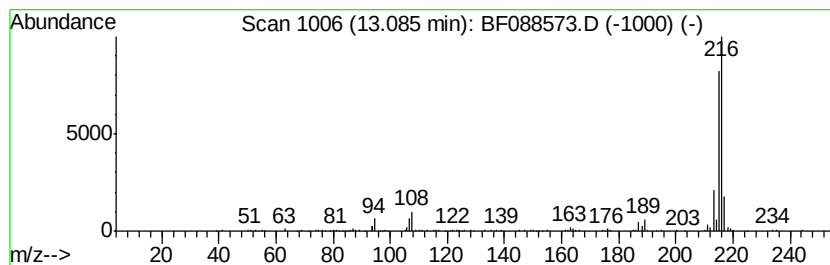
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ClientSampleId :
SB-05-COMP

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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 14 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.09	3.39 ng	405255	Chrysene-d12	13.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088573.D
Acq On : 1 Jul 2016 14:22
Operator : UM/SJ
Sample : H3808-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

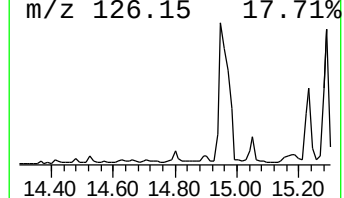
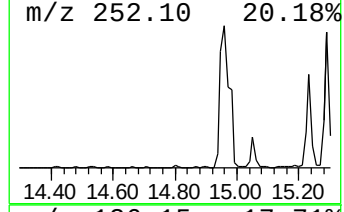
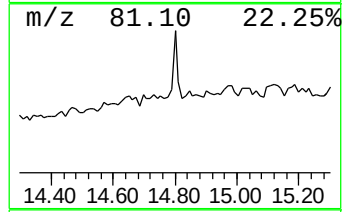
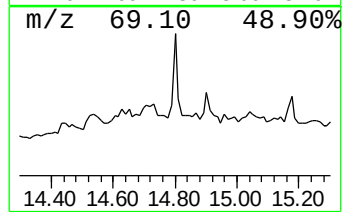
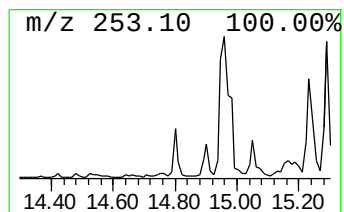
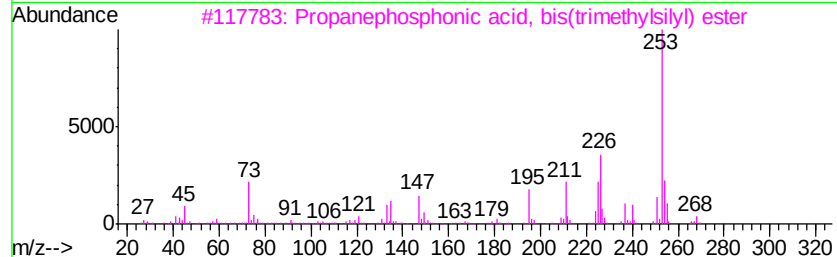
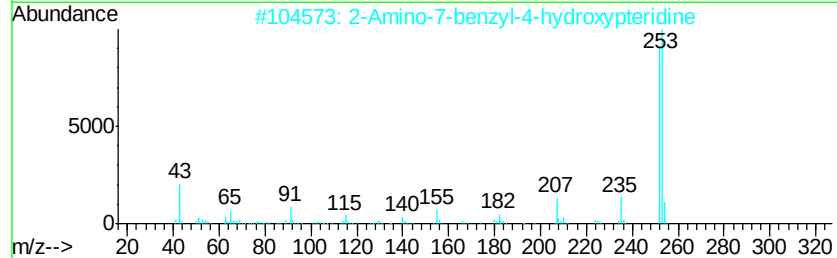
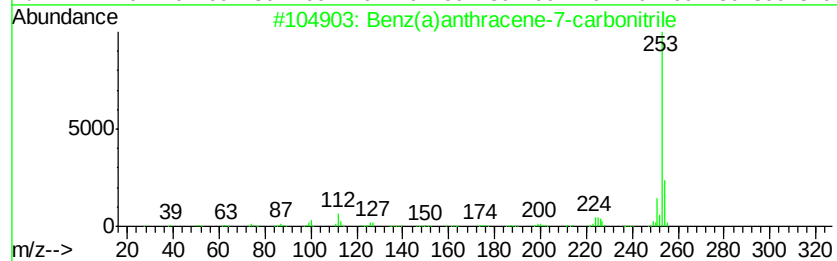
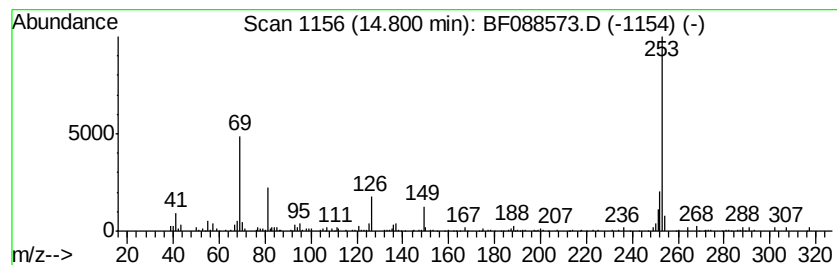
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.80 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.96 ng	189609	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	49
2		2-Amino-7-benzyl-4-hydroxypteridine	253	C13H11N5O	049647-55-4	37
3		Propanephosphonic acid, bis(trimethylsilyl) ester	268	C9H25O3PSi2	1000193-07-4	9
4		trans-3,4,5-Trimethoxy-.beta.-methylphenol	253	C12H15NO5	038059-94-8	9
5		Benzenamine, N,N'-1,2-ethanediyl...	268	C16H16N2O2	024764-91-8	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088573.D
Acq On : 1 Jul 2016 14:22
Operator : UM/SJ
Sample : H3808-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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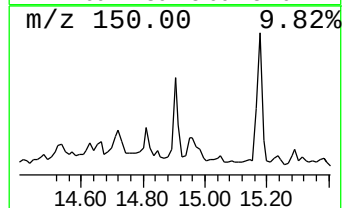
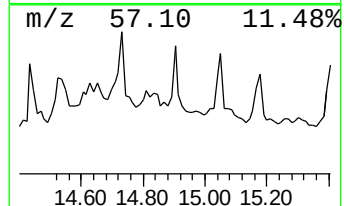
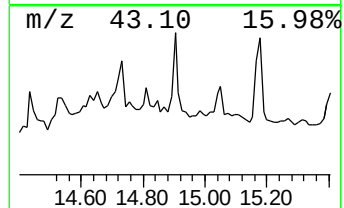
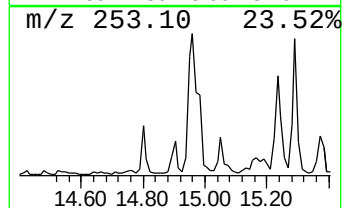
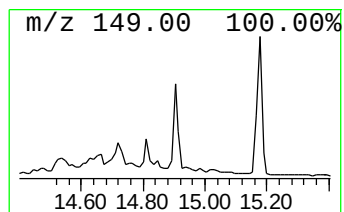
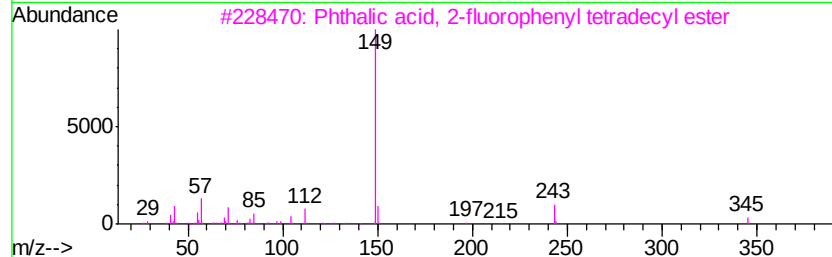
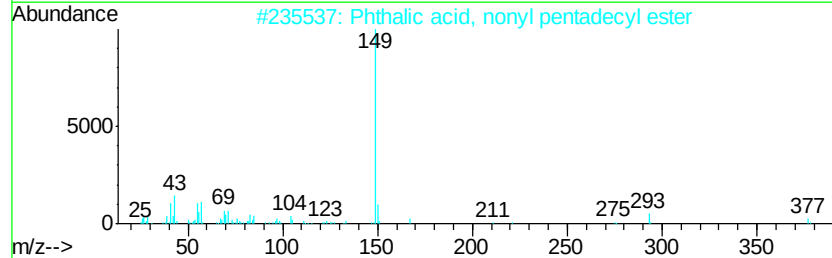
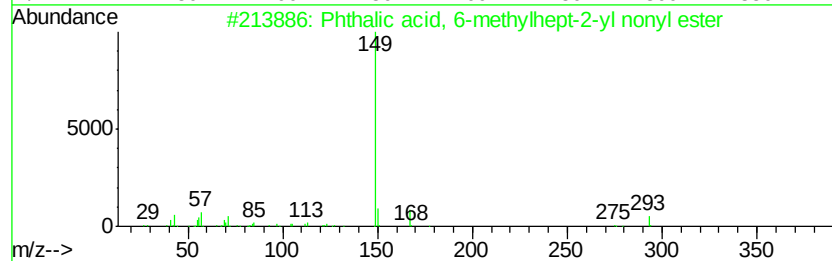
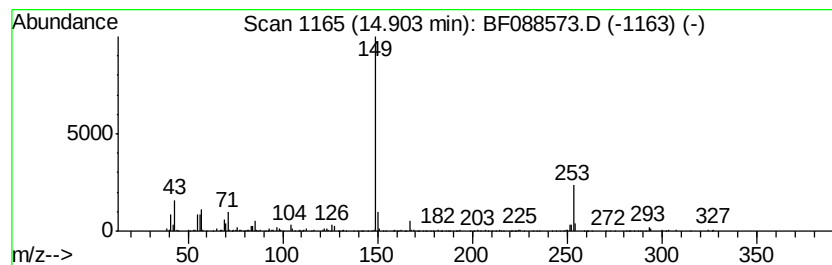
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phthalic acid, 6-methylhept... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	3.83 ng	183105	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 6-methylhept-2-yl...	404	C25H40O4	1000377-96-3	59
2		Phthalic acid, nonyl pentadecyl ...	502	C32H54O4	1000308-92-7	58
3		Phthalic acid, 2-fluorophenyl te...	456	C28H37FO4	1000356-50-3	58
4		Phthalic acid, decyl dec-2-yl ester	446	C28H46O4	1000356-94-5	58
5		Phthalic acid, dodecyl 2,4,5-tri...	512	C26H31Cl3O4	1000357-05-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088573.D
Acq On : 1 Jul 2016 14:22
Operator : UM/SJ
Sample : H3808-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05-COMP

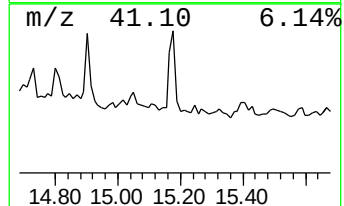
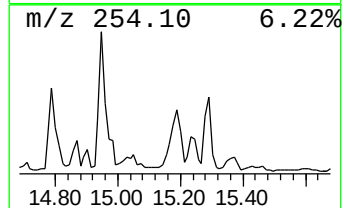
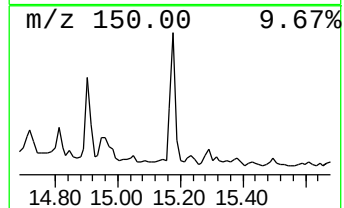
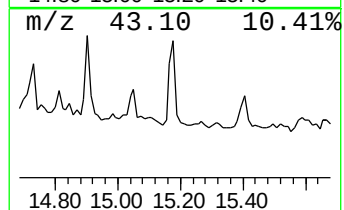
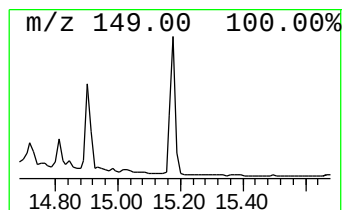
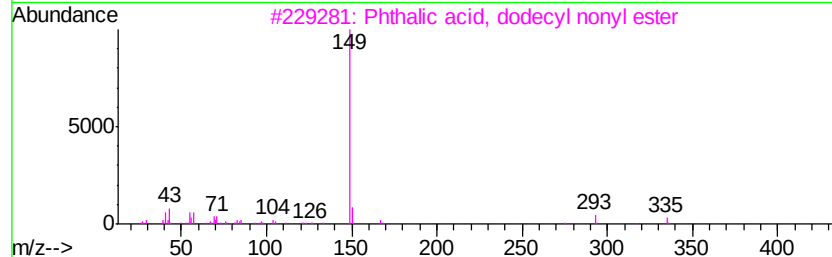
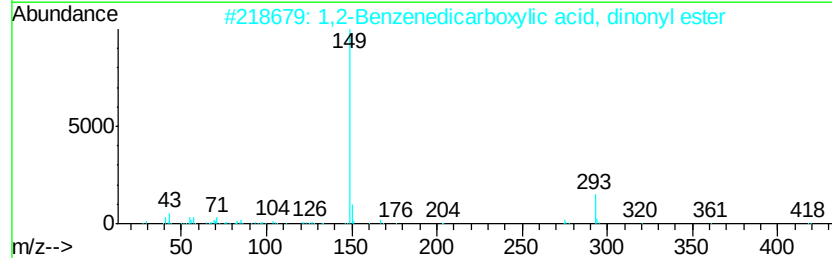
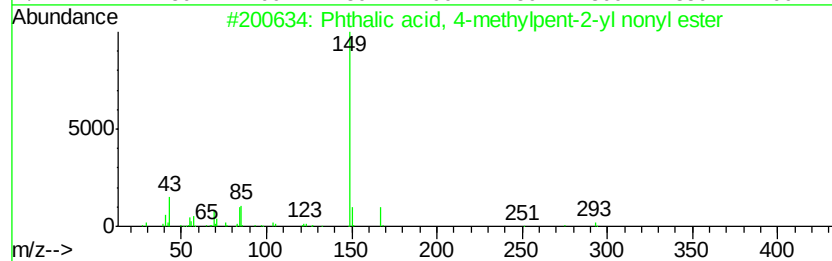
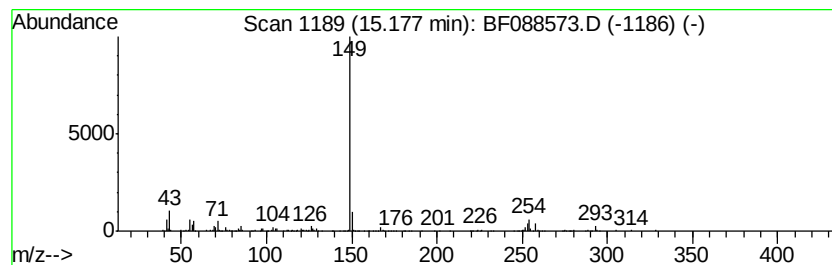
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phthalic acid, 4-methylpent... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	4.28 ng	204699	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, 4-methylpent-2-yl...	376	C23H36O4	1000356-87-9	64
2		1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	64
3		Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	64
4		Phthalic acid, hex-3-yl nonyl ester	376	C23H36O4	1000356-96-0	64
5		Phthalic acid, 2-chloropropyl no...	368	C20H29ClO4	1000356-83-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088573.D
Acq On : 1 Jul 2016 14:22
Operator : UM/SJ
Sample : H3808-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

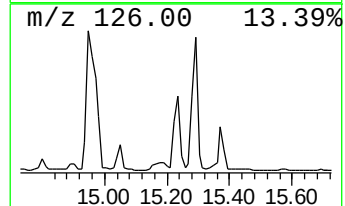
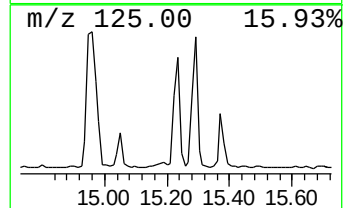
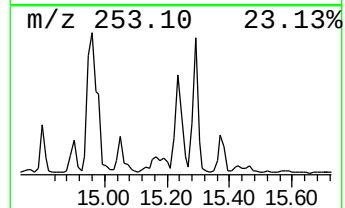
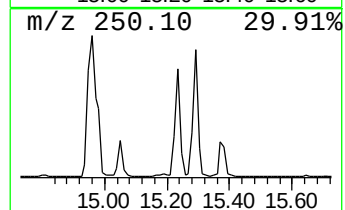
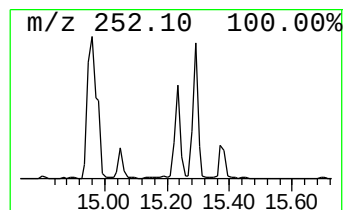
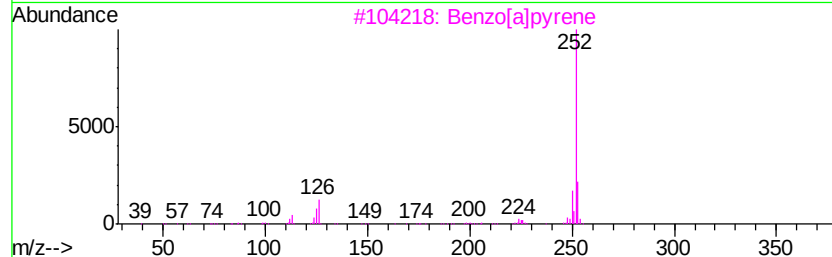
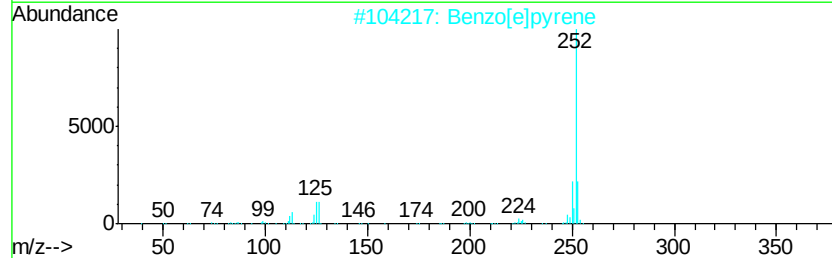
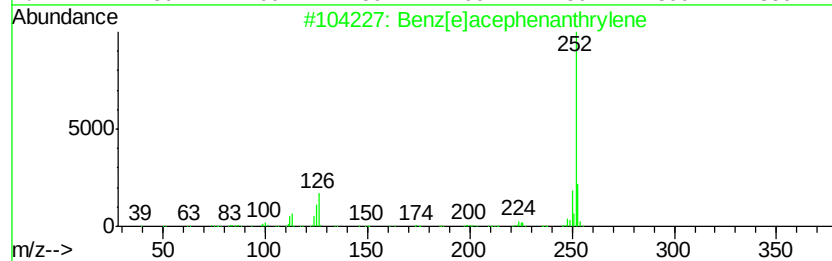
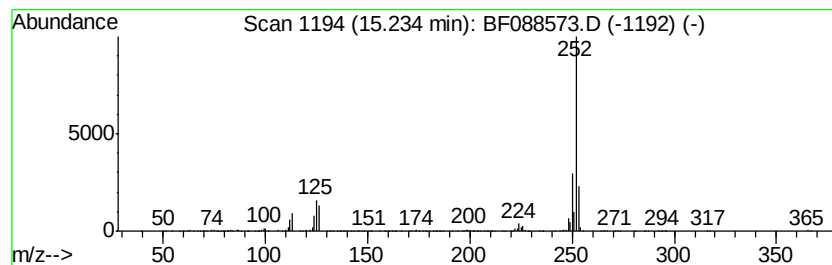
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benz[e]acephenanthrylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	10.66 ng	510465	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	99
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Perylene	252	C20H12	000198-55-0	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088573.D
Acq On : 1 Jul 2016 14:22
Operator : UM/SJ
Sample : H3808-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05-COMP

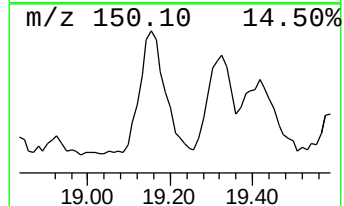
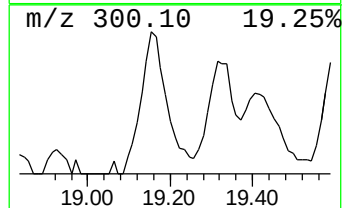
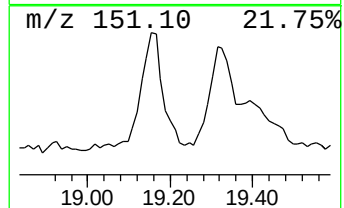
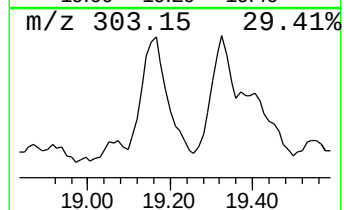
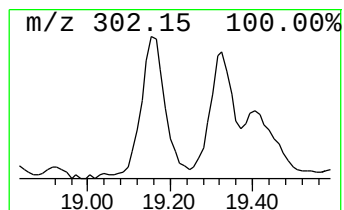
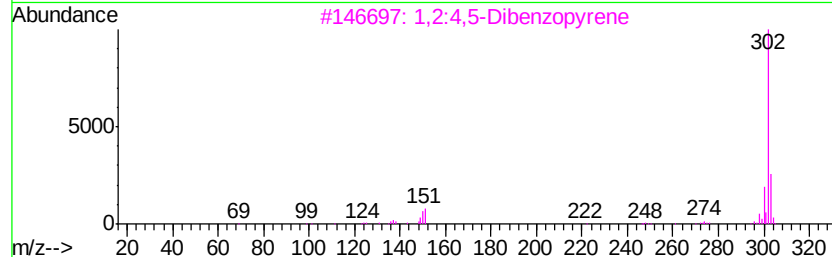
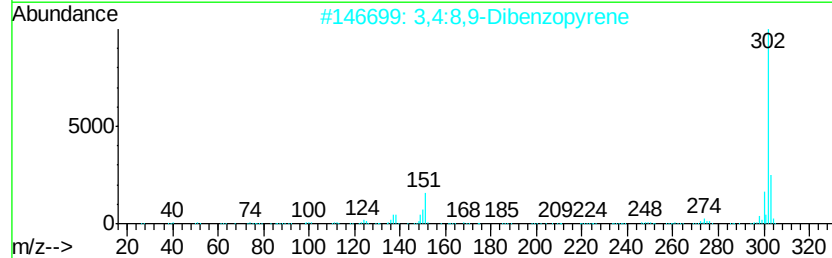
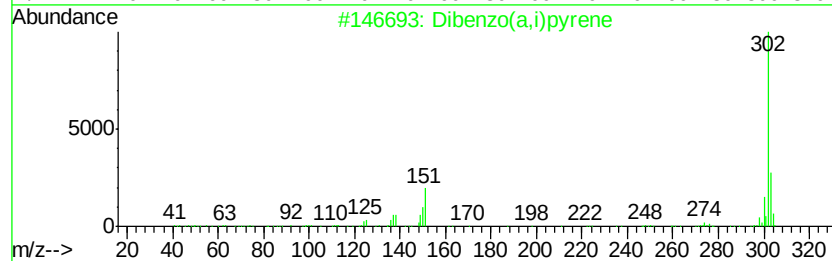
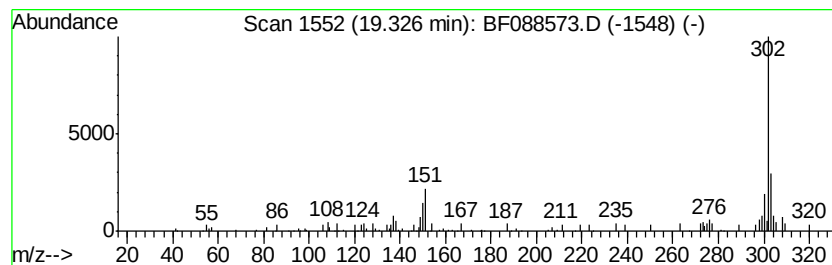
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo(a,i)pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.46 ng	117840	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	96
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	76
4		Chromium, pentamethylcyclopentad...	302	C19H22Cr	1000158-08-1	58
5		1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088573.D
 Acq On : 1 Jul 2016 14:22
 Operator : UM/SJ
 Sample : H3808-10 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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
Propane, 2,2-dime...	1.64	104.1	ng	4591390	1	6.81	881755	20.0
R-(-)-1,2-propane...	3.03	4.0	ng	176421	1	6.81	881755	20.0
unknown6.57	6.57	33.2	ng	1464080	1	6.81	881755	20.0
Naphtho[2,3-b]thi...	11.21	3.2	ng	253487	4	11.32	1588900	20.0
Hexadecanoic acid...	11.73	3.0	ng	241962	4	11.32	1588900	20.0
Anthracene, 1-met...	11.82	2.7	ng	211055	4	11.32	1588900	20.0
Phenanthrene, 2-m...	11.85	3.7	ng	291375	4	11.32	1588900	20.0
4H-Cyclopenta[def...	11.93	6.6	ng	525743	4	11.32	1588900	20.0
Naphthalene, 2-ph...	12.11	4.6	ng	364653	4	11.32	1588900	20.0
9,15-Octadecadien...	12.41	14.0	ng	1110440	4	11.32	1588900	20.0
11H-Benzo[b]fluorene	13.09	3.4	ng	405255	5	13.95	2392470	20.0
unknown14.80	14.80	4.0	ng	189609	6	15.35	957333	20.0
Phthalic acid, 6-...	14.90	3.8	ng	183105	6	15.35	957333	20.0
Phthalic acid, 4-...	15.18	4.3	ng	204699	6	15.35	957333	20.0
Benz[e]acephenant...	15.23	10.7	ng	510465	6	15.35	957333	20.0
Dibenzo(a,i)pyrene	19.33	2.5	ng	117840	6	15.35	957333	20.0