

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089248.D
 Acq On : 23 Jul 2016 22:57
 Operator : UM/SJ
 Sample : H4129-16
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KMW-04-0.2-2.0

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-BF072016.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	1.713	10	11	36	rVB	864142	1622809	100.00%	4.613%
2	4.696	271	272	279	rVB	52478	107125	6.60%	0.305%
3	5.096	304	307	311	rBV3	83594	219201	13.51%	0.623%
4	5.153	311	312	322	rVB	757058	1049820	64.69%	2.984%
5	5.370	330	331	337	rVB2	101278	172226	10.61%	0.490%
6	5.702	358	360	363	rBV2	77890	148457	9.15%	0.422%
7	5.816	368	370	373	rVB3	100386	174764	10.77%	0.497%
8	6.022	383	388	392	rBV2	92197	202576	12.48%	0.576%
9	6.090	392	394	395	rVV	127140	174283	10.74%	0.495%
10	6.113	395	396	399	rVV2	65859	113203	6.98%	0.322%
11	6.239	404	407	412	rVV	1000324	1449111	89.30%	4.119%
12	6.342	415	416	420	rVV	826549	1247215	76.86%	3.545%
13	6.399	420	421	425	rVV	299605	452780	27.90%	1.287%
14	6.536	430	433	435	rVV2	54196	109054	6.72%	0.310%
15	6.582	435	437	438	rVV	245713	286101	17.63%	0.813%
16	6.639	441	442	443	rVV	128734	107434	6.62%	0.305%
17	6.730	448	450	455	rVV	928786	1064443	65.59%	3.026%
18	6.902	464	465	469	rVV2	71430	144010	8.87%	0.409%
19	6.970	469	471	475	rVB2	80326	131696	8.12%	0.374%
20	7.153	482	487	490	rVV	680287	940359	57.95%	2.673%
21	7.199	490	491	493	rVV	125215	124254	7.66%	0.353%
22	7.382	506	507	510	rVB	124896	120450	7.42%	0.342%
23	7.496	514	517	522	rBV3	69978	128562	7.92%	0.365%
24	7.862	547	549	555	rVV2	516877	846915	52.19%	2.407%
25	7.942	555	556	560	rVV	111713	135432	8.35%	0.385%
26	8.159	572	575	580	rBV4	42323	133921	8.25%	0.381%
27	8.308	585	588	590	rBV	261634	270512	16.67%	0.769%
28	8.479	601	603	605	rBV	194854	236311	14.56%	0.672%
29	8.582	609	612	614	rBV2	216207	312832	19.28%	0.889%
30	8.673	618	620	625	rVB	273167	279003	17.19%	0.793%
31	8.776	625	629	631	rBV5	60068	115545	7.12%	0.328%
32	8.902	637	640	641	rBV	203606	209043	12.88%	0.594%
33	8.948	641	644	646	rBV	1171869	1351238	83.27%	3.841%
34	9.039	649	652	655	rBV	362733	365124	22.50%	1.038%

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35	9.199	664	666	669 rBV	122562	203724	12.55%	0.579%
36	9.279	671	673	674 rBV	127890	209281	12.90%	0.595%
37	9.302	674	675	677 rVV2	148251	171524	10.57%	0.488%
38	9.348	677	679	681 rVV2	362444	564592	34.79%	1.605%
39	9.393	681	683	687 rVB	96498	203597	12.55%	0.579%
40	9.473	687	690	693 rBV	146760	179890	11.09%	0.511%
41	9.565	696	698	699 rBV	346281	288904	17.80%	0.821%
42	9.611	699	702	704 rVV	466561	485541	29.92%	1.380%
43	9.816	714	720	722 rBV3	162890	281815	17.37%	0.801%
44	9.931	728	730	731 rBV2	103828	141321	8.71%	0.402%
45	10.011	736	737	740 rBV2	93153	142755	8.80%	0.406%
46	10.056	740	741	743 rVB	180496	202679	12.49%	0.576%
47	10.148	748	749	751 rBV2	128286	128252	7.90%	0.365%
48	10.273	758	760	762 rBV2	98221	146589	9.03%	0.417%
49	10.308	762	763	766 rVB2	68874	110361	6.80%	0.314%
50	10.399	768	771	773 rBV	598950	713366	43.96%	2.028%
51	10.548	780	784	786 rBV2	292060	541463	33.37%	1.539%
52	10.833	806	809	813 rBV4	83701	236160	14.55%	0.671%
53	10.971	820	821	828 rVB2	164616	309484	19.07%	0.880%
54	11.085	828	831	836 rBV2	355702	692977	42.70%	1.970%
55	11.154	836	837	839 rVV	87727	125514	7.73%	0.357%
56	11.359	849	855	856 rVV5	33795	107533	6.63%	0.306%
57	11.405	856	859	861 rVV3	137064	207097	12.76%	0.589%
58	11.588	872	875	876 rBV	91281	169995	10.48%	0.483%
59	11.611	876	877	879 rVV	375204	364756	22.48%	1.037%
60	11.645	879	880	882 rVV2	142696	222022	13.68%	0.631%
61	11.691	882	884	890 rVB	245604	426801	26.30%	1.213%
62	11.805	892	894	897 rVB	169406	178621	11.01%	0.508%
63	11.885	898	901	906 rVB2	82370	150805	9.29%	0.429%
64	12.136	920	923	924 rBV	105607	165574	10.20%	0.471%
65	12.194	926	928	929 rVV	169612	180391	11.12%	0.513%
66	12.285	934	936	939 rVV	647144	799971	49.30%	2.274%
67	12.342	939	941	944 rVV3	44321	109664	6.76%	0.312%
68	12.514	953	956	959 rVV2	848433	1042613	64.25%	2.964%
69	12.559	959	960	965 rVB3	141499	198285	12.22%	0.564%
70	12.662	967	969	973 rVV	747887	927417	57.15%	2.636%
71	12.731	973	975	979 rVB3	83537	152622	9.40%	0.434%

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72	12.845	979	985	987	rVB	210055	350498	21.60%	0.996%
73	12.914	989	991	992	rVV	233435	255287	15.73%	0.726%
74	12.948	992	994	996	rVV	145755	205532	12.67%	0.584%
75	13.211	1015	1017	1019	rBV2	91331	116763	7.20%	0.332%
76	13.257	1019	1021	1025	rVB3	123343	180408	11.12%	0.513%
77	13.348	1025	1029	1033	rBV2	83069	195141	12.02%	0.555%
78	13.451	1036	1038	1040	rBV2	70498	142037	8.75%	0.404%
79	13.588	1046	1050	1052	rVB3	101242	203459	12.54%	0.578%
80	13.702	1057	1060	1062	rBV2	589933	1141763	70.36%	3.246%
81	13.737	1062	1063	1067	rVB	422507	387185	23.86%	1.101%
82	13.805	1067	1069	1071	rBV2	91921	104512	6.44%	0.297%
83	13.851	1071	1073	1076	rVV2	64828	121712	7.50%	0.346%
84	13.897	1076	1077	1080	rVB3	78136	110331	6.80%	0.314%
85	14.091	1092	1094	1096	rVV	171427	226421	13.95%	0.644%
86	14.205	1100	1104	1110	rVV4	99847	367995	22.68%	1.046%
87	14.422	1119	1123	1126	rBV4	53815	174678	10.76%	0.497%
88	14.491	1128	1129	1132	rVV3	78100	106097	6.54%	0.302%
89	14.560	1133	1135	1139	rVV	85533	151840	9.36%	0.432%
90	14.708	1145	1148	1152	rVV	539597	1207570	74.41%	3.433%
91	14.788	1152	1155	1160	rVB3	214968	388402	23.93%	1.104%
92	14.948	1167	1169	1172	rBV	324495	458070	28.23%	1.302%
93	15.005	1172	1174	1177	rVB	538800	648717	39.97%	1.844%
94	15.062	1177	1179	1180	rBV	148554	243359	15.00%	0.692%
95	15.977	1257	1259	1268	rVB6	40773	147885	9.11%	0.420%
96	16.285	1282	1286	1289	rBV	262279	505048	31.12%	1.436%
97	16.423	1295	1298	1301	rBV2	80299	219270	13.51%	0.623%
98	16.651	1314	1318	1322	rBV	201397	408821	25.19%	1.162%
99	16.846	1332	1335	1343	rVB2	69517	209764	12.93%	0.596%
100	18.503	1474	1480	1488	rBV2	44285	170213	10.49%	0.484%

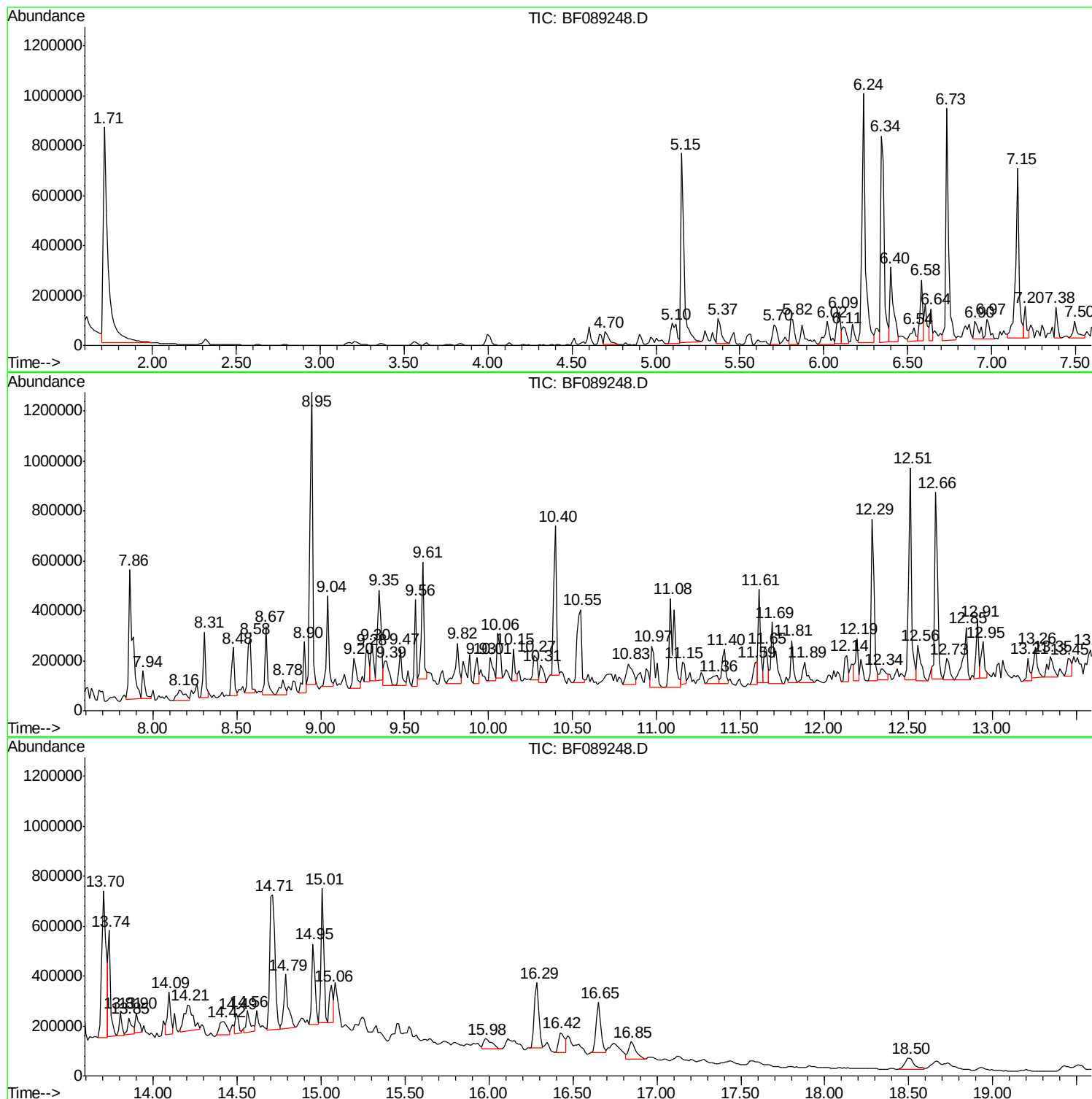
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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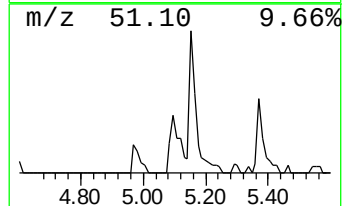
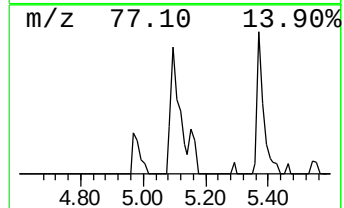
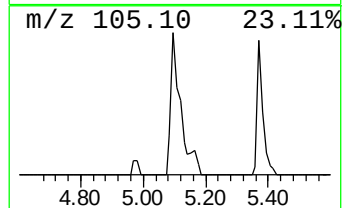
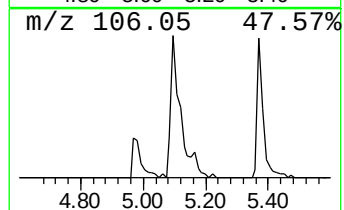
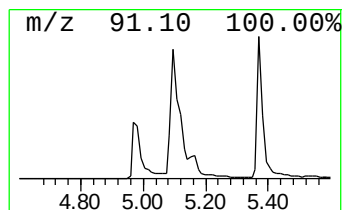
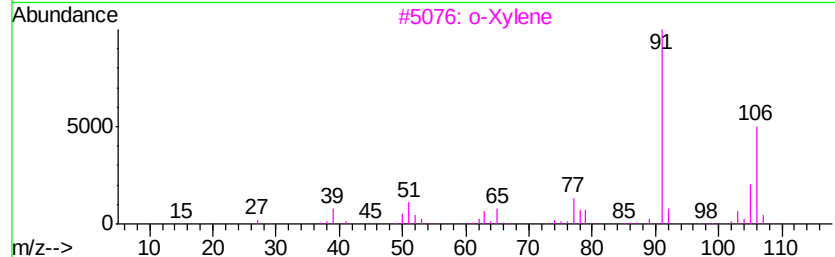
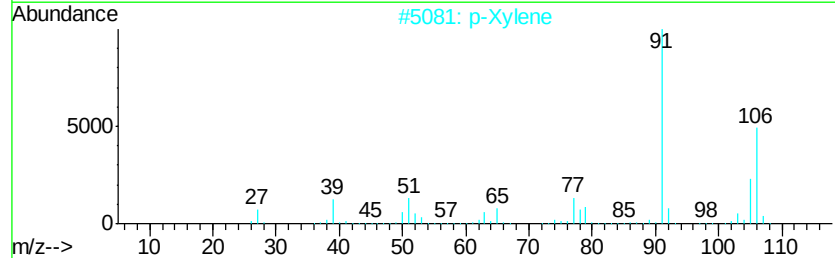
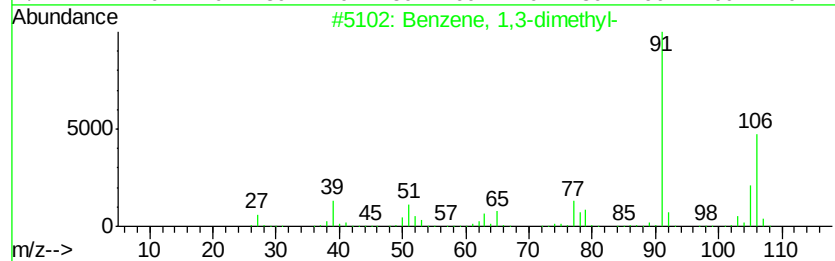
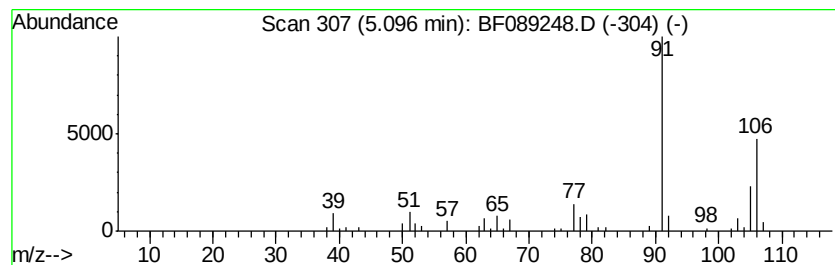
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	15.32 ng	219201	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	95
3		o-Xylene	106	C8H10	000095-47-6	95
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5		Ethylbenzene	106	C8H10	000100-41-4	74



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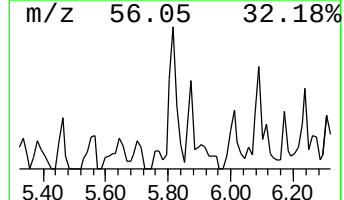
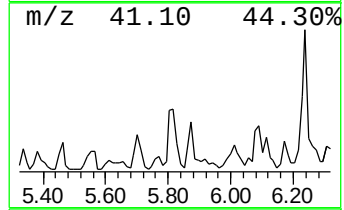
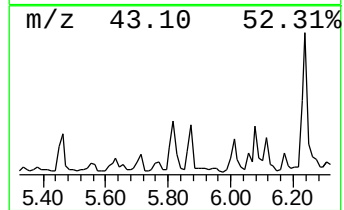
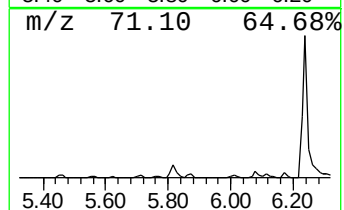
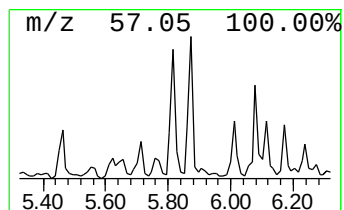
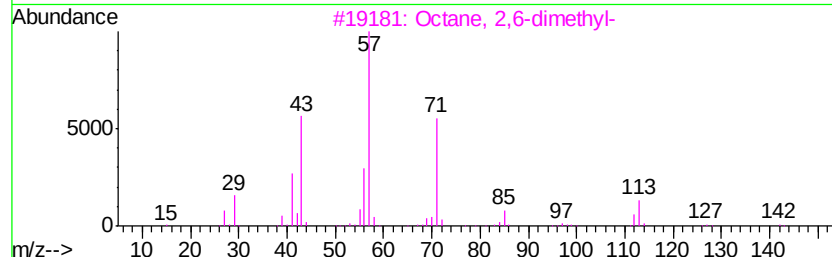
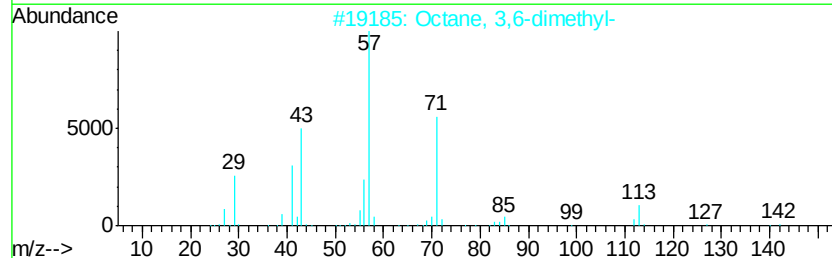
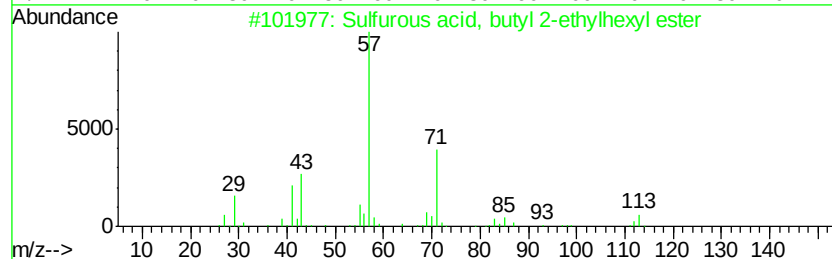
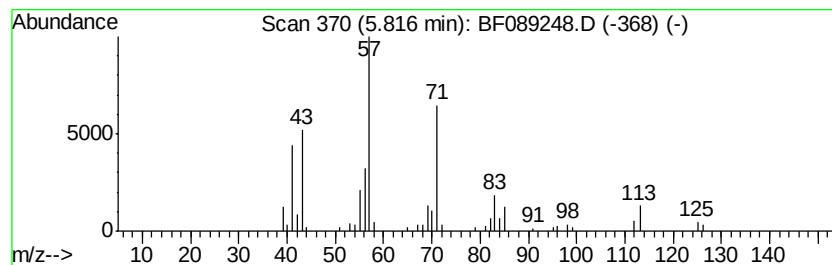
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Sulfurous acid, butyl 2-eth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	12.22 ng	174764	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4		Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	64
5		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64



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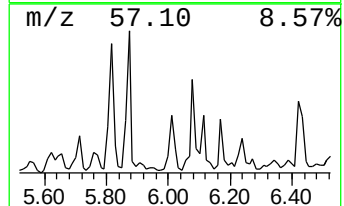
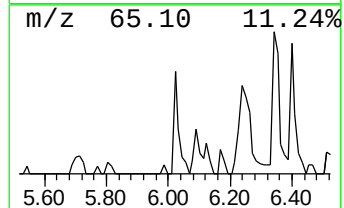
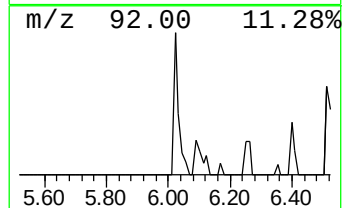
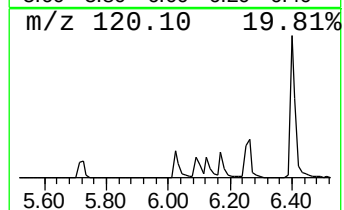
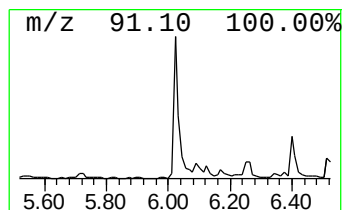
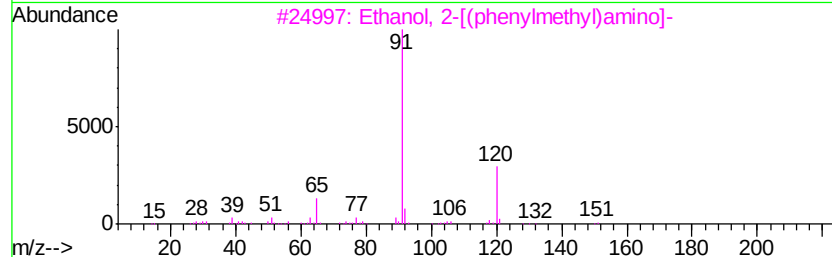
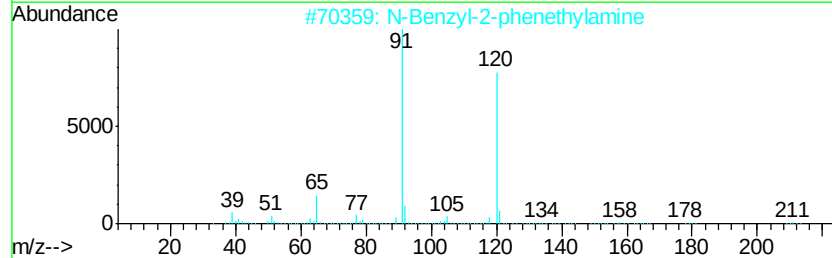
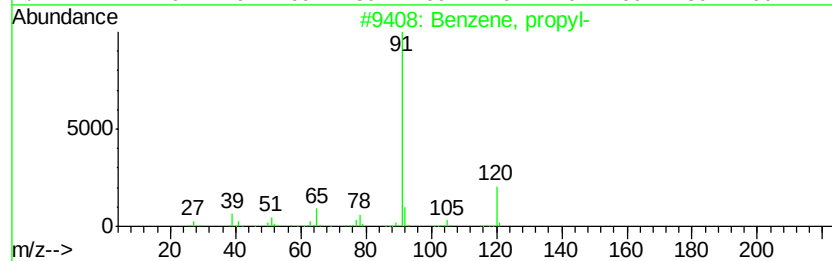
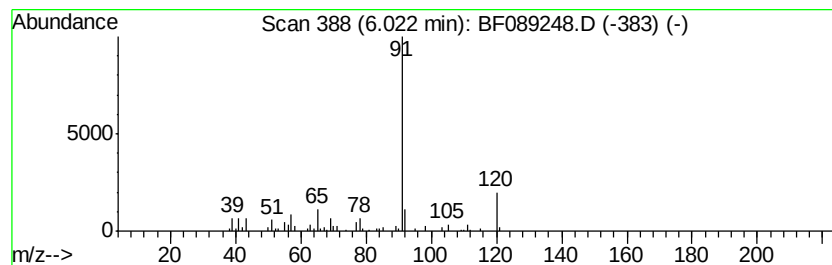
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Peak Number 5 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	14.16 ng	202576	1,4-Dichlorobenzene-d4	6.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, propyl-	120	C9H12	000103-65-1	87
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
3		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
4		1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5		Propanenitrile, 3-[(phenylmethyl)...	160	C10H12N2	000706-03-6	59



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Operator : UM/SJ
Sample : H4129-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KMW-04-0.2-2.0

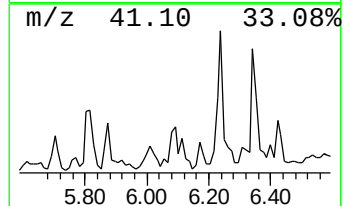
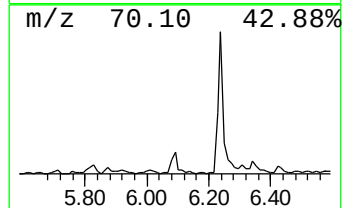
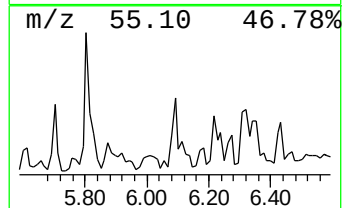
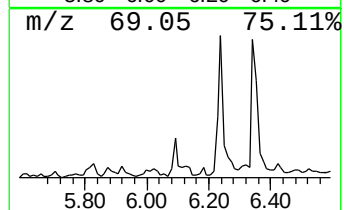
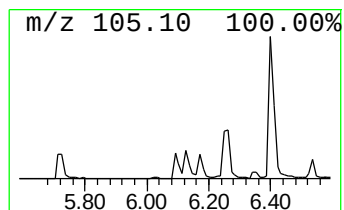
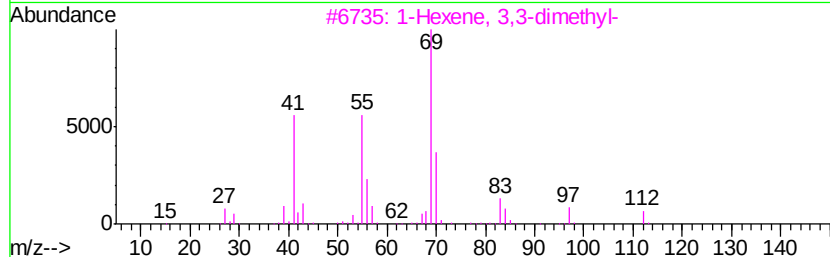
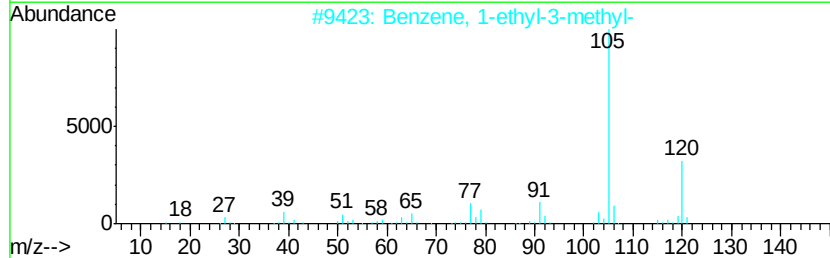
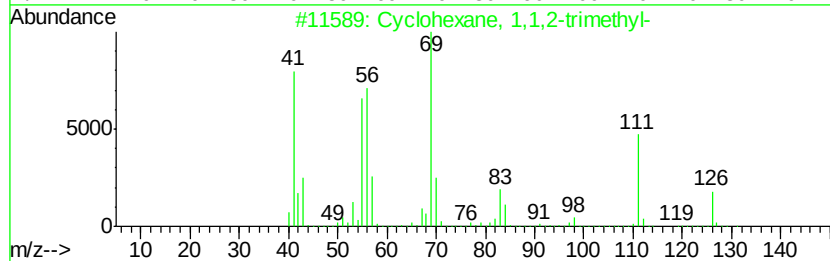
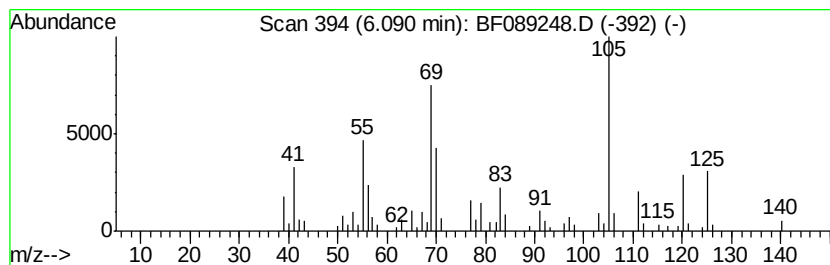
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.09 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	12.18 ng	174283	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	40
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
4		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	38
5		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089248.D
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Operator : UM/SJ
Sample : H4129-16
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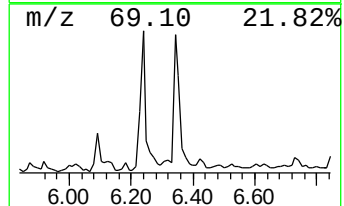
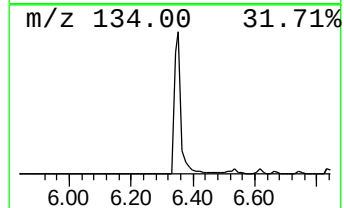
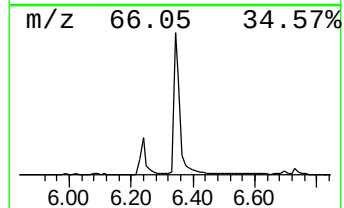
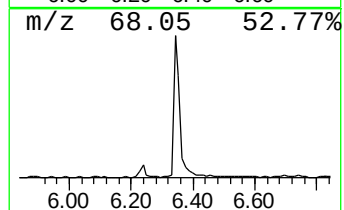
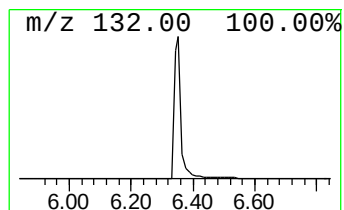
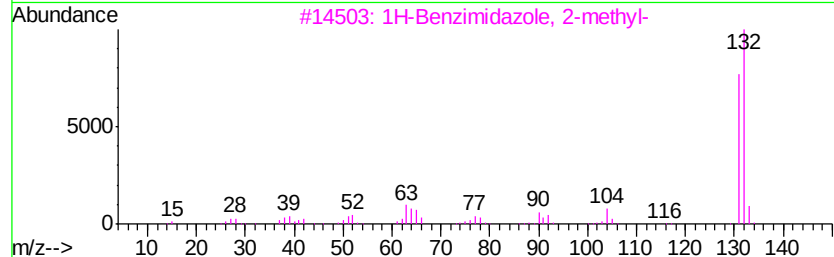
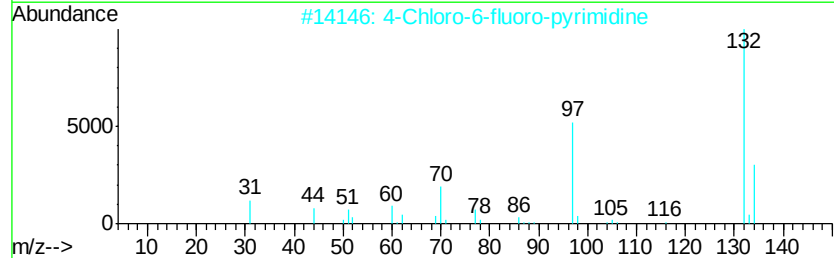
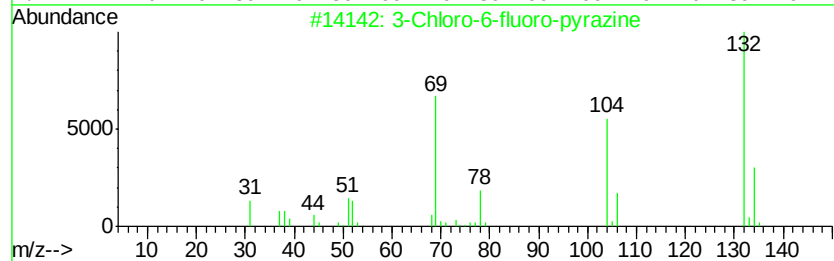
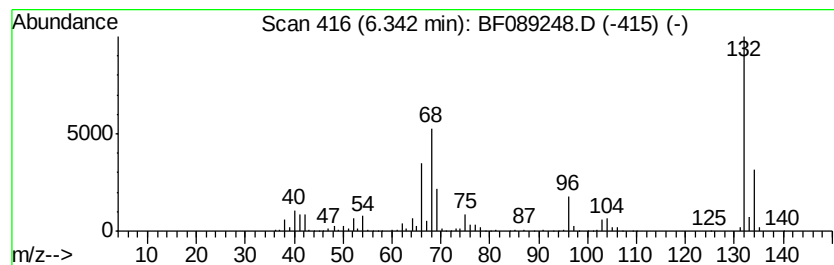
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.34 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	87.19 ng	1247220	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089248.D
Acq On : 23 Jul 2016 22:57
Operator : UM/SJ
Sample : H4129-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

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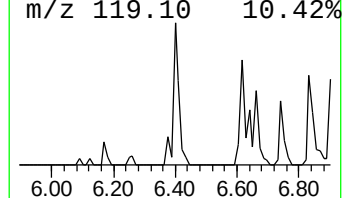
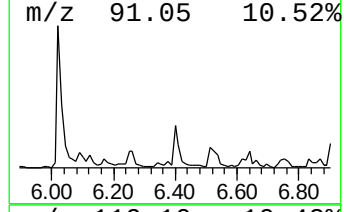
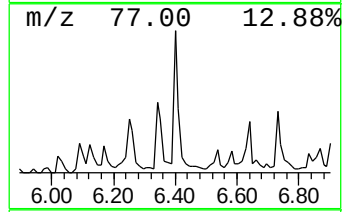
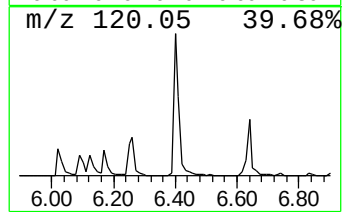
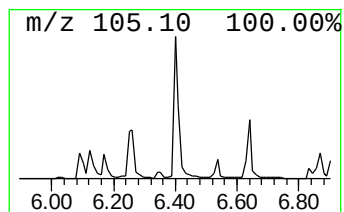
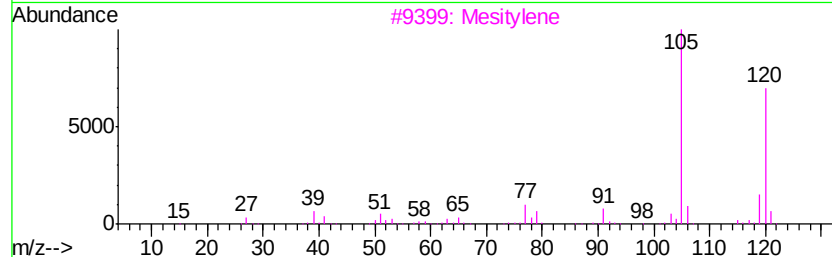
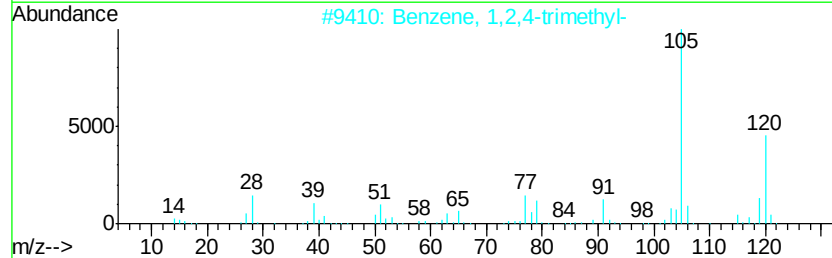
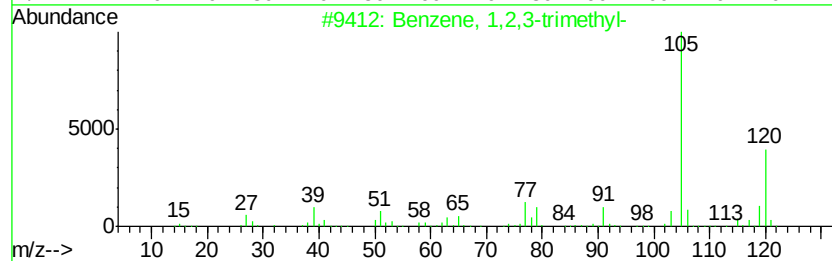
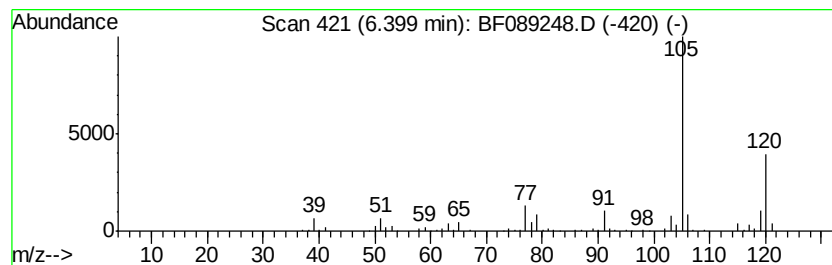
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	31.65 ng	452780	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089248.D
Acq On : 23 Jul 2016 22:57
Operator : UM/SJ
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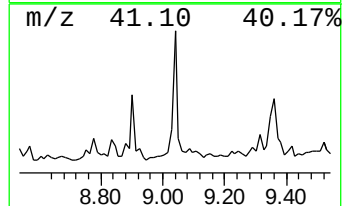
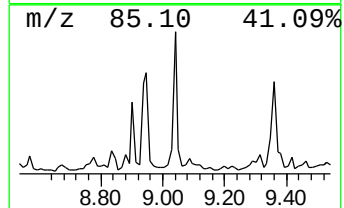
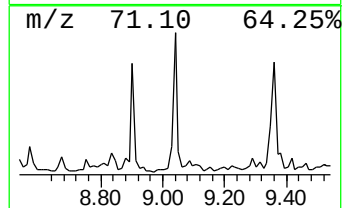
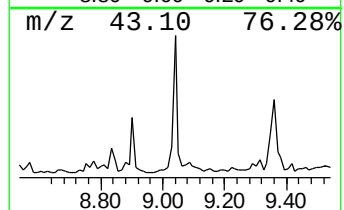
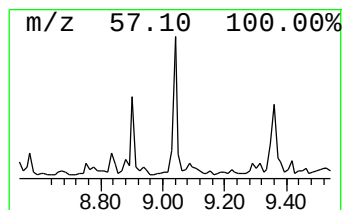
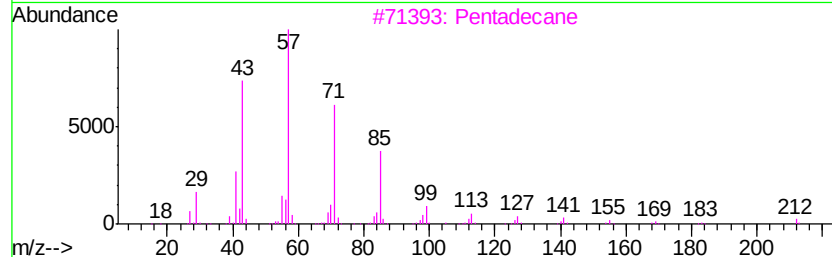
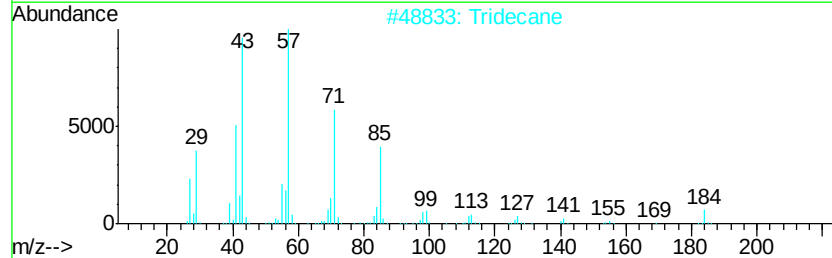
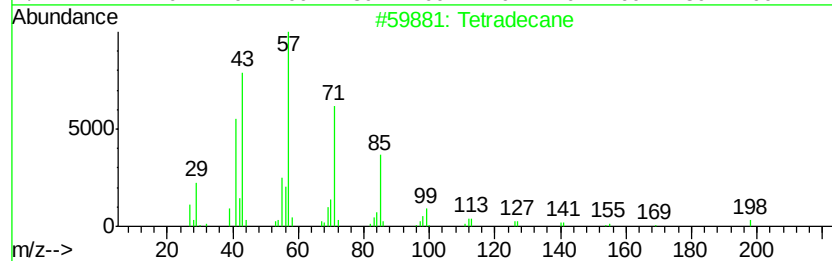
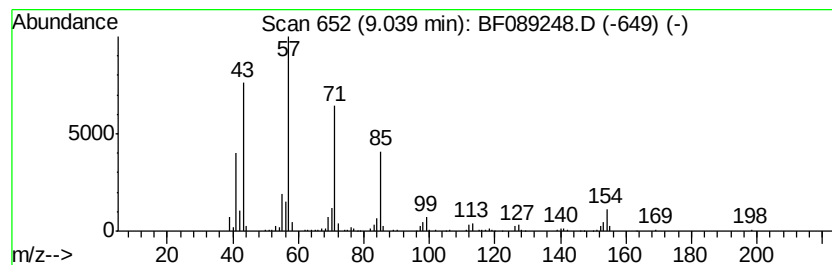
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	15.04 ng	365124	Acenaphthene-d10	9.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		Tridecane	184	C13H28	000629-50-5	86
3		Pentadecane	212	C15H32	000629-62-9	80
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	62
5		Dodecane	170	C12H26	000112-40-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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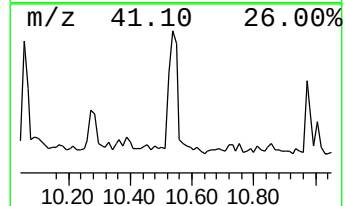
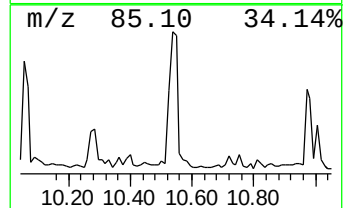
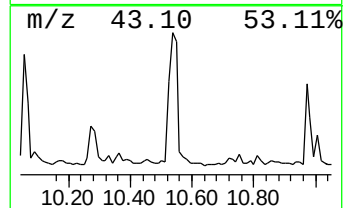
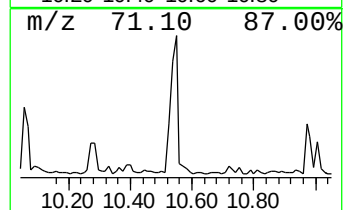
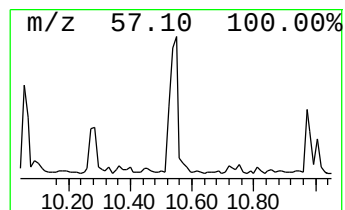
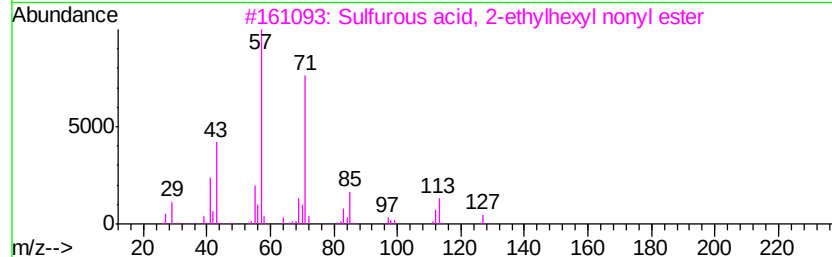
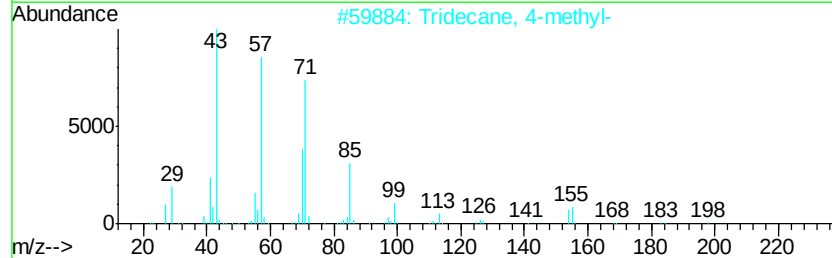
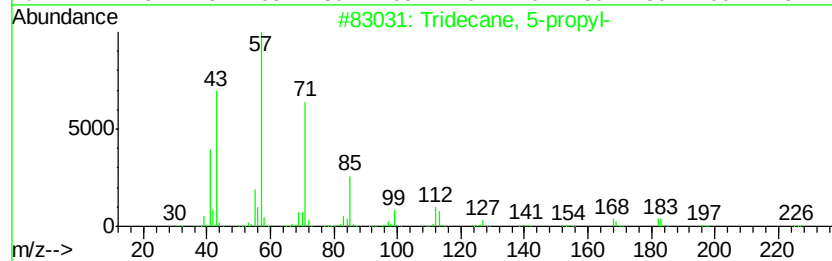
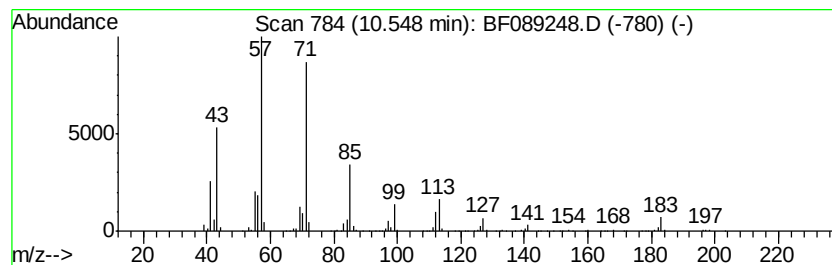
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 11 Tridecane, 5-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	15.63 ng	541463	Phenanthrene-d10	11.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 5-propyl-	226 C16H34	055045-11-9 90
2		Tridecane, 4-methyl-	198 C14H30	026730-12-1 87
3		Sulfurous acid, 2-ethylhexyl non...	320 C17H36O3S	1000309-19-2 83
4		Decane, 5-propyl-	184 C13H28	017312-62-8 83
5		Sulfurous acid, 2-ethylhexyl und...	348 C19H40O3S	1000309-19-4 80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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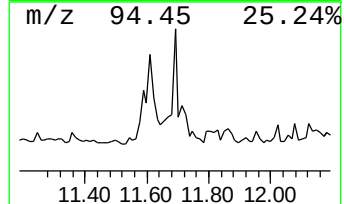
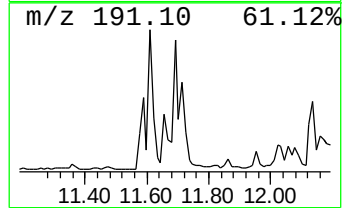
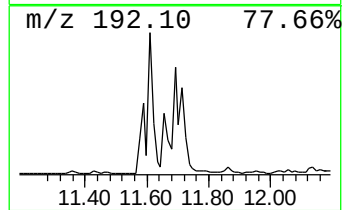
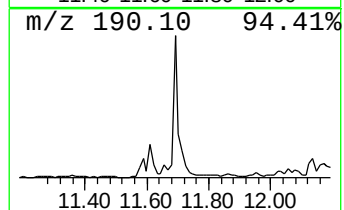
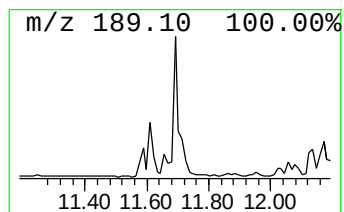
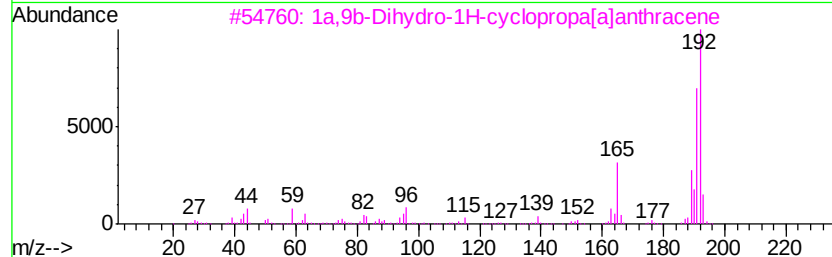
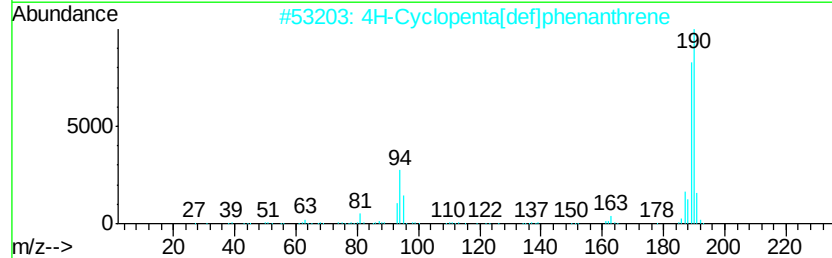
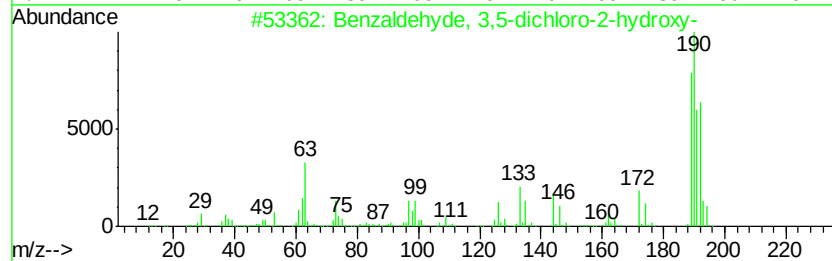
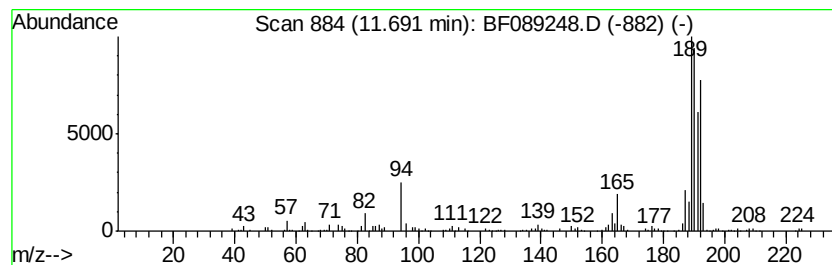
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzaldehyde, 3,5-dichloro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	12.32 ng	426801	Phenanthrene-d10	11.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	49
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42



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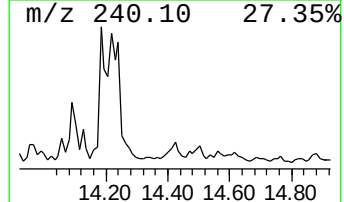
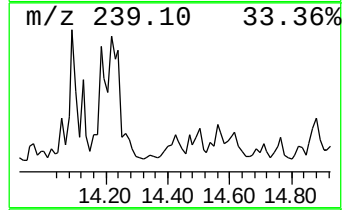
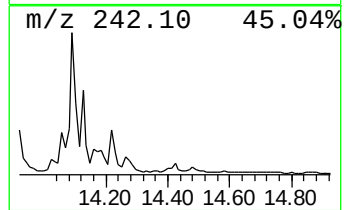
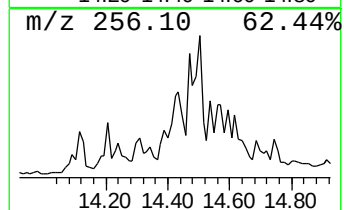
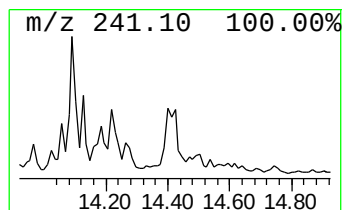
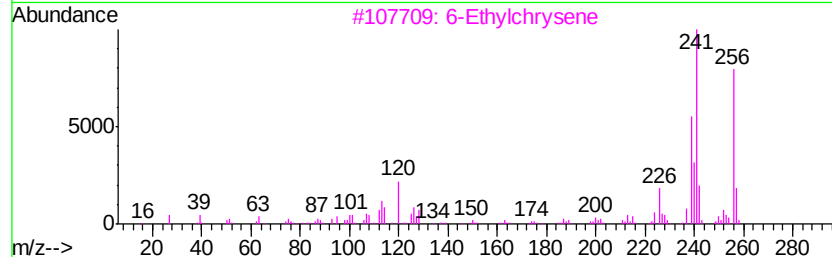
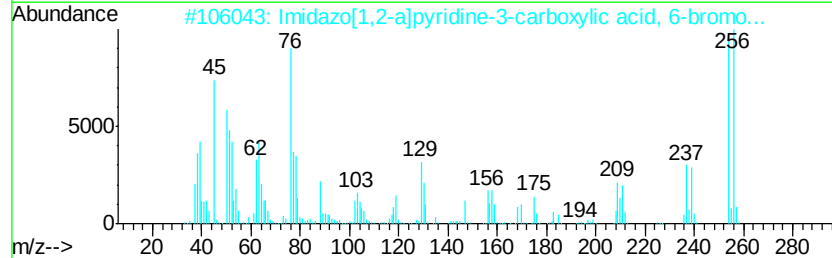
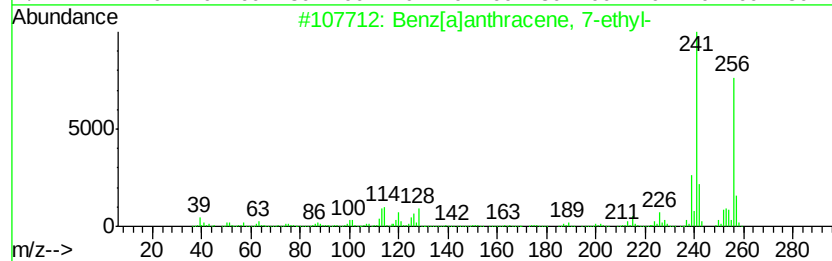
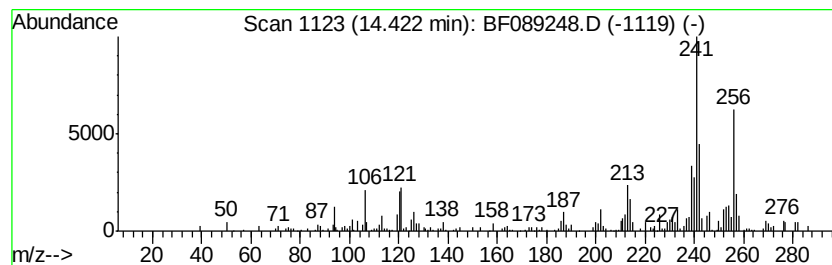
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Peak Number 13 Benz[a]anthracene, 7-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.42	14.36 ng	174678	Perylene-d12	15.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz[a]anthracene, 7-ethyl-	256	C20H16	003697-30-1	58
2		Imidazo[1,2-a]pyridine-3-carboxy...	254	C9H7BrN2O2	1000351-44-6	56
3		6-Ethylchrysene	256	C20H16	1000342-58-3	52
4		Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	50
5		Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089248.D
Acq On : 23 Jul 2016 22:57
Operator : UM/SJ
Sample : H4129-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

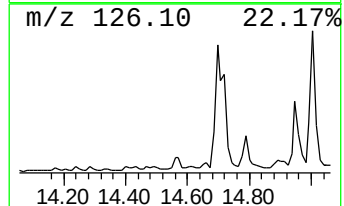
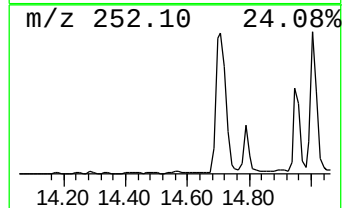
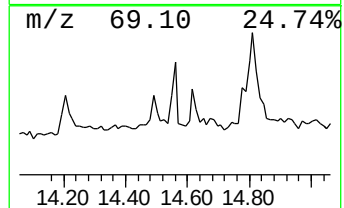
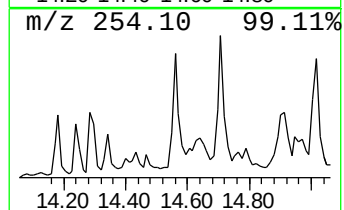
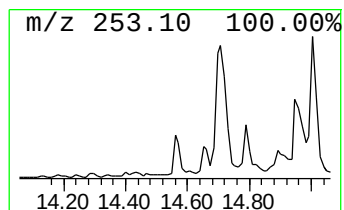
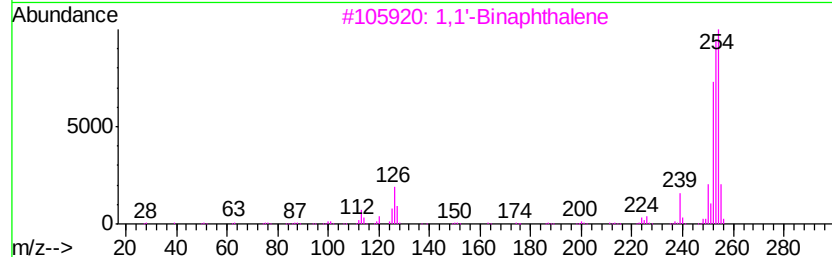
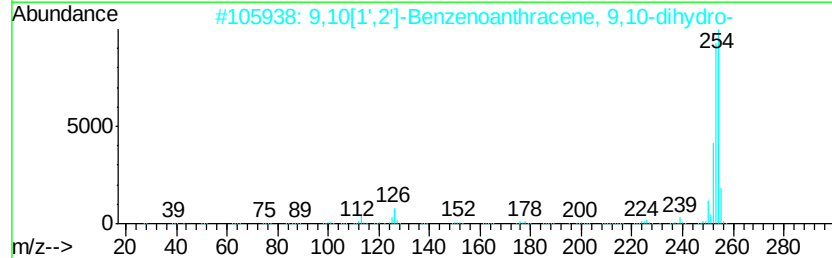
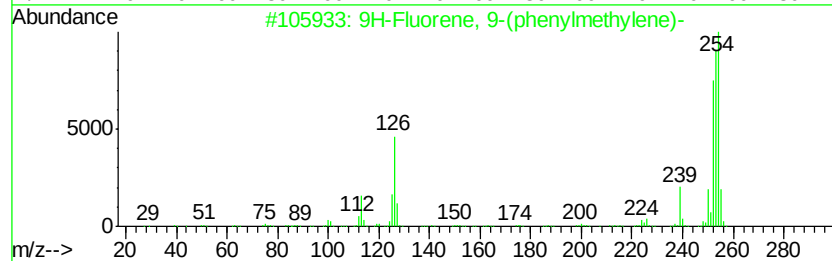
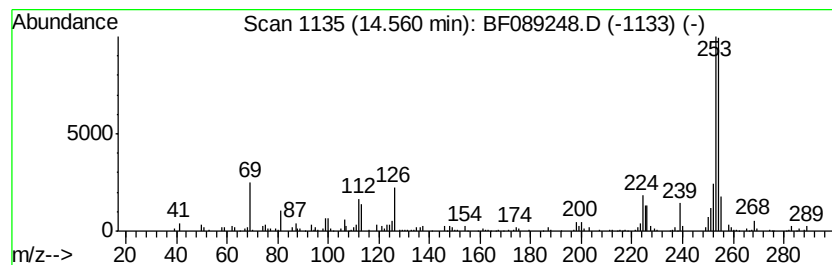
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9H-Fluorene, 9-(phenylmethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	12.48 ng	151840	Perylene-d12	15.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	81
2		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	81
3		1,1'-Binaphthalene	254	C20H14	000604-53-5	72
4		4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	68
5		3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089248.D
Acq On : 23 Jul 2016 22:57
Operator : UM/SJ
Sample : H4129-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

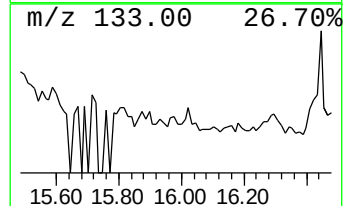
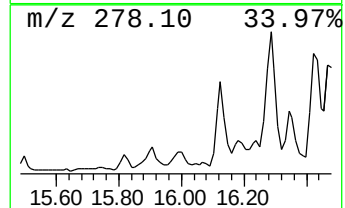
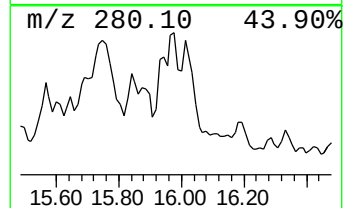
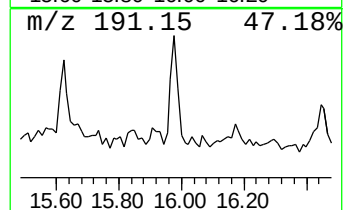
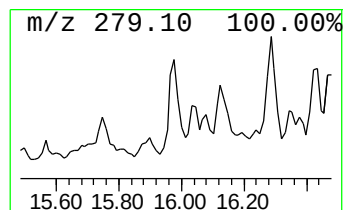
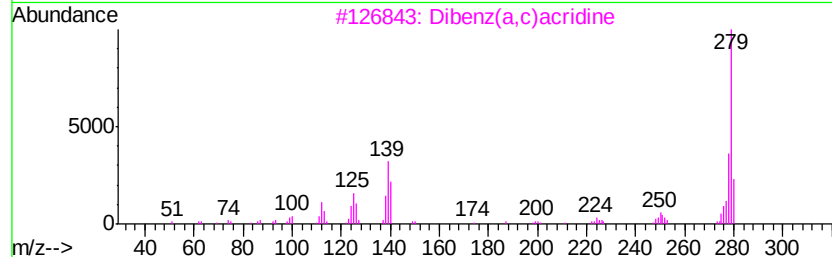
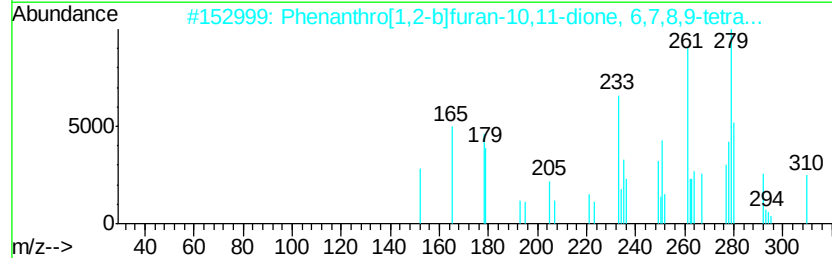
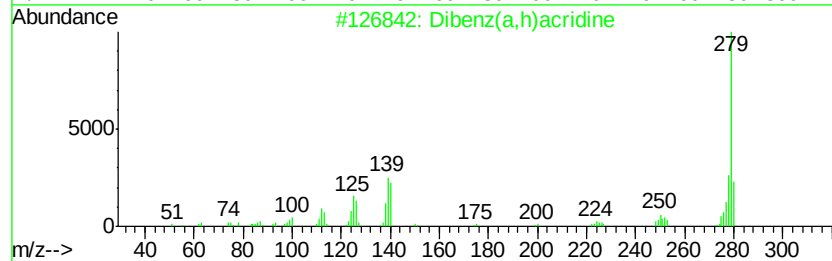
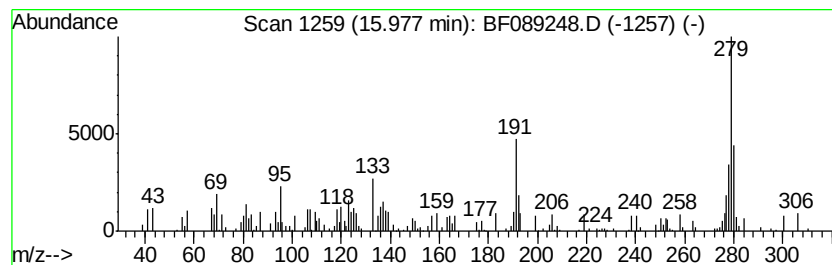
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenz(a,h)acridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	12.15 ng	147885	Perylene-d12	15.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dibenz(a,h)acridine	279 C21H13N	000226-36-8 56
2		Phenanthro[1,2-b]furan-10,11-dio...	310 C19H18O4	017397-93-2 52
3		Dibenz(a,c)acridine	279 C21H13N	000215-62-3 50
4		Dibenz(c,h)acridine	279 C21H13N	000224-53-3 43
5		Dibenz[a,j]acridine	279 C21H13N	000224-42-0 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089248.D
Acq On : 23 Jul 2016 22:57
Operator : UM/SJ
Sample : H4129-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KMW-04-0.2-2.0

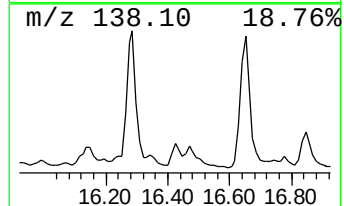
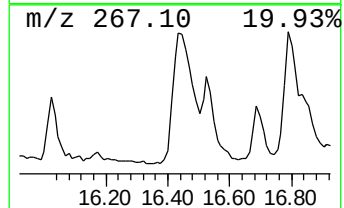
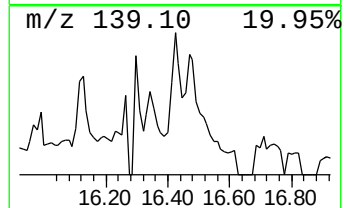
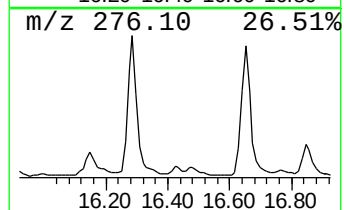
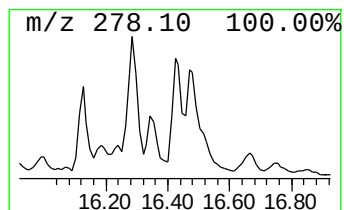
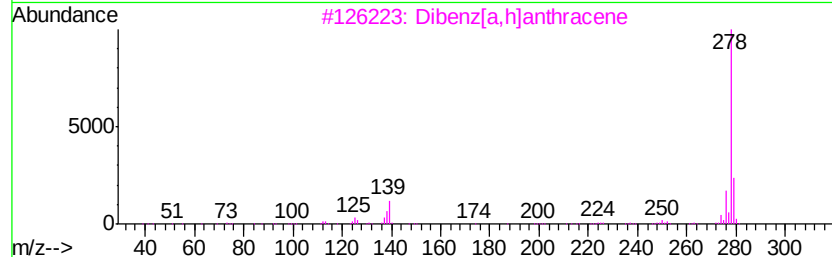
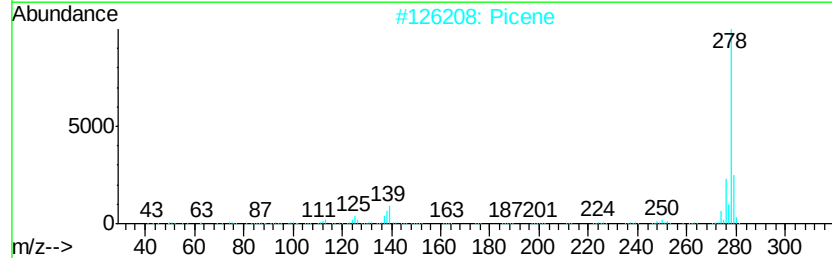
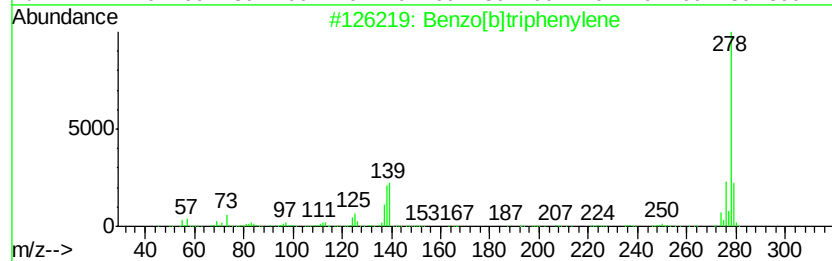
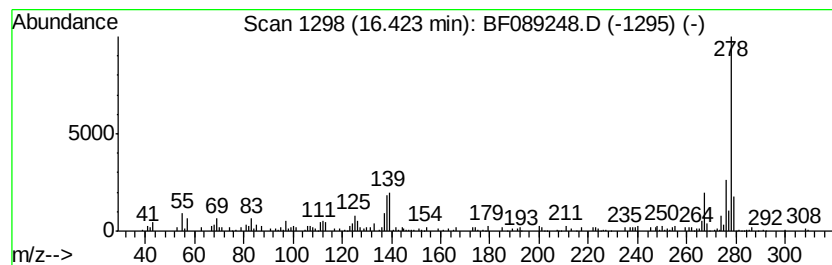
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	18.02 ng	219270	Perylene-d12	15.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2		Picene	278	C22H14	000213-46-7	92
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
4		Benzo[b]chrysene	278	C22H14	000214-17-5	86
5		4-Iodophenoxyacetic acid	278	C8H7IO3	001878-94-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089248.D
Acq On : 23 Jul 2016 22:57
Operator : UM/SJ
Sample : H4129-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

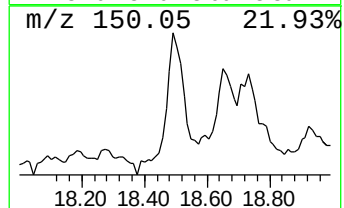
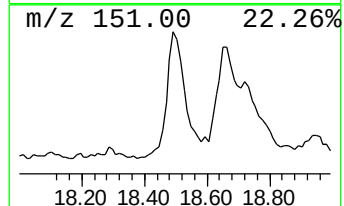
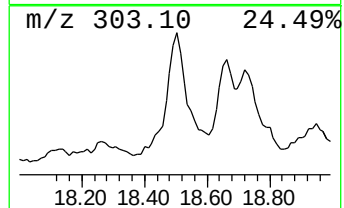
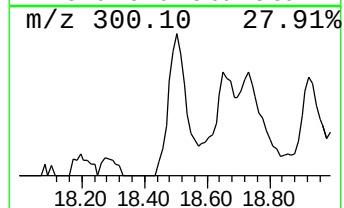
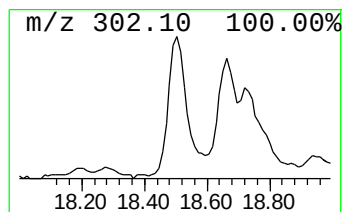
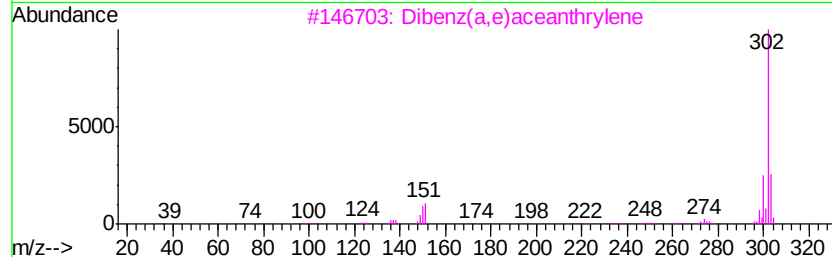
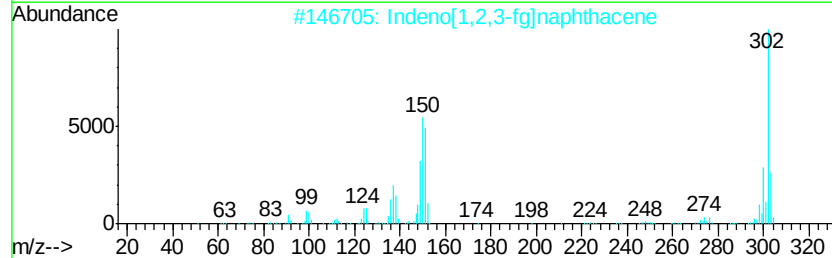
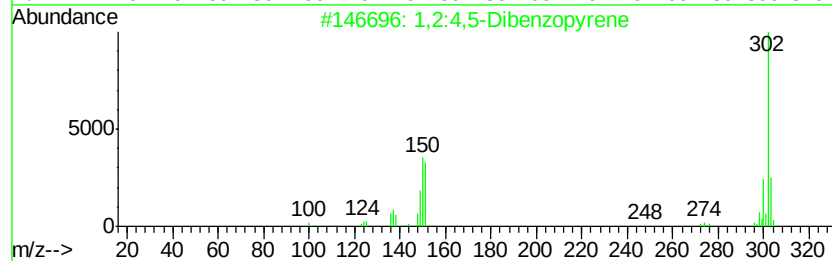
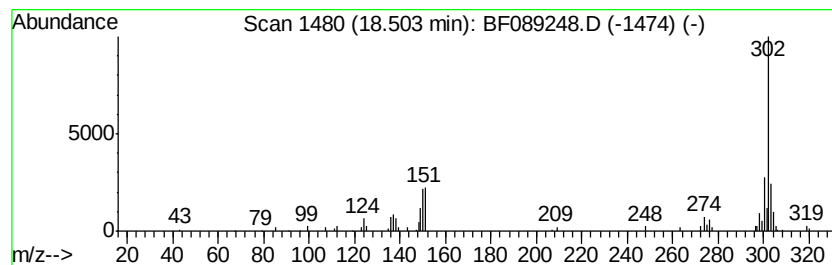
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.50	13.99 ng	170213	Perylene-d12	15.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
2	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	95
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	94
4	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	83
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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 Acq On : 23 Jul 2016 22:57
 Operator : UM/SJ
 Sample : H4129-16
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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
Benzene, 1,3-dime...	5.10	15.3	ng	219201	1	6.58	286101	20.0
Sulfurous acid, b...	5.82	12.2	ng	174764	1	6.58	286101	20.0
Benzene, propyl-	6.02	14.2	ng	202576	1	6.58	286101	20.0
unknown6.09	6.09	12.2	ng	174283	1	6.58	286101	20.0
unknown6.34	6.34	87.2	ng	1247220	1	6.58	286101	20.0
Benzene, 1,2,3-tr...	6.40	31.6	ng	452780	1	6.58	286101	20.0
Tetradecane	9.04	15.0	ng	365124	3	9.61	485541	20.0
Tridecane, 5-propyl-	10.55	15.6	ng	541463	4	11.08	692977	20.0
Benzaldehyde, 3,5...	11.69	12.3	ng	426801	4	11.08	692977	20.0
Benz[a]anthracene...	14.42	14.4	ng	174678	6	15.06	243359	20.0
9H-Fluorene, 9-(p...	14.56	12.5	ng	151840	6	15.06	243359	20.0
Dibenz(a,h)acridine	15.98	12.2	ng	147885	6	15.06	243359	20.0
Benzo[b]triphenylene	16.42	18.0	ng	219270	6	15.06	243359	20.0
1,2:4,5-Dibenzopy...	18.50	14.0	ng	170213	6	15.06	243359	20.0