

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021056.D
 Acq On : 24 Feb 2016 17:52
 Operator : UM/SJ
 Sample : H1520-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 40054+15(0-2)

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_G\METHODS\8270-BG022316.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	5.283	410	416	424	rBB	28960	43936	1.27%	0.194%
2	5.777	494	500	507	rBB	52046	80142	2.32%	0.354%
3	7.404	770	777	785	rBB	77014	126610	3.67%	0.559%
4	7.751	829	836	843	rBB	68920	112757	3.27%	0.498%
5	8.526	962	968	975	rBB	47715	78716	2.28%	0.347%
6	9.384	1107	1114	1121	rBB	50676	86818	2.52%	0.383%
7	11.023	1387	1393	1397	rBV	22613	37365	1.08%	0.165%
8	12.456	1632	1637	1643	rBB	57474	85745	2.49%	0.378%
9	13.443	1799	1805	1811	rBB	121488	176677	5.12%	0.780%
10	14.818	2035	2039	2044	rVB2	30785	45299	1.31%	0.200%
11	14.882	2044	2050	2057	rVB	237878	362899	10.52%	1.601%
12	15.217	2099	2107	2113	rBV	128496	204956	5.94%	0.904%
13	15.863	2210	2217	2223	rBB2	228930	342172	9.92%	1.510%
14	16.016	2240	2243	2248	rVB2	26504	34600	1.00%	0.153%
15	16.145	2261	2265	2270	rVB	32061	45759	1.33%	0.202%
16	16.298	2281	2291	2298	rVB2	61813	117443	3.41%	0.518%
17	16.850	2374	2385	2390	rBV3	26028	56260	1.63%	0.248%
18	17.220	2442	2448	2452	rBV	56861	84596	2.45%	0.373%
19	17.379	2469	2475	2482	rVB	88411	132144	3.83%	0.583%
20	17.626	2507	2517	2522	rVB	2139466	3448329	100.00%	15.217%
21	17.702	2522	2530	2535	rVV	442076	650369	18.86%	2.870%
22	17.749	2535	2538	2547	rVB	30759	44720	1.30%	0.197%
23	17.937	2565	2570	2572	rBV	29115	42777	1.24%	0.189%
24	17.978	2572	2577	2587	rVB	193590	293897	8.52%	1.297%
25	18.424	2644	2653	2657	rBV	98544	147032	4.26%	0.649%
26	18.477	2657	2662	2668	rVB	150283	216567	6.28%	0.956%
27	18.554	2668	2675	2680	rBV	55413	81489	2.36%	0.360%
28	18.630	2680	2688	2699	rVB2	186226	387490	11.24%	1.710%
29	18.912	2731	2736	2741	rVB	72943	103526	3.00%	0.457%
30	18.971	2741	2746	2751	rVB	61699	83453	2.42%	0.368%
31	19.323	2799	2806	2810	rBV3	26598	50079	1.45%	0.221%
32	19.388	2814	2817	2826	rVV4	19091	44532	1.29%	0.197%
33	19.488	2826	2834	2840	rVB3	31532	60074	1.74%	0.265%
34	19.623	2846	2857	2861	rBV	2162378	3196253	92.69%	14.105%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	19.693	2864	2869	2875	rVB4	22236	34864	1.01%	0.154%
36	19.840	2888	2894	2898	rBV2	36698	58749	1.70%	0.259%
37	19.981	2904	2918	2922	rBV	1325349	2465605	71.50%	10.880%
38	20.016	2922	2924	2933	rVV2	48470	69895	2.03%	0.308%
39	20.134	2937	2944	2949	rVV2	212039	305543	8.86%	1.348%
40	20.199	2949	2955	2960	rVB	62020	92666	2.69%	0.409%
41	20.269	2960	2967	2974	rVB3	59059	135891	3.94%	0.600%
42	20.340	2974	2979	2983	rBV	39926	55651	1.61%	0.246%
43	20.398	2983	2989	2992	rBV5	52566	93741	2.72%	0.414%
44	20.445	2992	2997	3001	rVB	163162	242464	7.03%	1.070%
45	20.539	3007	3013	3017	rBV	163316	229448	6.65%	1.013%
46	20.598	3017	3023	3026	rVV2	70439	146353	4.24%	0.646%
47	20.633	3026	3029	3032	rVV	57385	74209	2.15%	0.327%
48	20.739	3040	3047	3050	rVV	33655	55150	1.60%	0.243%
49	20.780	3050	3054	3064	rVB2	40138	69260	2.01%	0.306%
50	21.068	3099	3103	3108	rVB5	19955	36108	1.05%	0.159%
51	21.156	3113	3118	3123	rBV4	17172	34740	1.01%	0.153%
52	21.209	3123	3127	3133	rVB	54664	81901	2.38%	0.361%
53	21.397	3150	3159	3163	rBV2	86302	175632	5.09%	0.775%
54	21.444	3163	3167	3171	rVV	72661	121517	3.52%	0.536%
55	21.497	3171	3176	3181	rVV2	86257	157038	4.55%	0.693%
56	21.561	3181	3187	3192	rVB2	52161	99097	2.87%	0.437%
57	21.679	3199	3207	3217	rBV2	24551	70228	2.04%	0.310%
58	21.826	3217	3232	3238	rVV2	573880	1303664	37.81%	5.753%
59	21.896	3238	3244	3255	rVB	483436	856040	24.82%	3.778%
60	22.043	3263	3269	3277	rBV	88652	160745	4.66%	0.709%
61	22.196	3290	3295	3299	rVB	33409	51700	1.50%	0.228%
62	22.266	3299	3307	3312	rVB2	50197	112862	3.27%	0.498%
63	22.495	3340	3346	3351	rVV2	32696	66504	1.93%	0.293%
64	22.572	3352	3359	3365	rVV	68329	164079	4.76%	0.724%
65	22.648	3368	3372	3378	rVV2	30528	60002	1.74%	0.265%
66	22.748	3380	3389	3393	rVV5	16883	42238	1.22%	0.186%
67	22.801	3393	3398	3404	rVV2	31066	65926	1.91%	0.291%
68	22.866	3404	3409	3412	rVV3	33820	68340	1.98%	0.302%
69	22.918	3414	3418	3424	rVB2	39127	74896	2.17%	0.331%
70	23.001	3425	3432	3438	rBV3	24407	52440	1.52%	0.231%
71	23.283	3472	3480	3487	rBV6	28056	78114	2.27%	0.345%

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72	23.717	3544	3554	3561	rBV5	19948	56839	1.65%	0.251%
73	24.134	3608	3625	3631	rBV	269201	989652	28.70%	4.367%
74	24.369	3658	3665	3674	rVB	52290	121387	3.52%	0.536%
75	24.598	3693	3704	3706	rBV9	15096	49316	1.43%	0.218%
76	24.875	3739	3751	3765	rVB2	134012	443341	12.86%	1.956%
77	25.045	3765	3780	3787	rBV	242626	718186	20.83%	3.169%
78	25.174	3792	3802	3805	rVV4	15569	46306	1.34%	0.204%
79	25.262	3807	3817	3828	rVB3	71557	228723	6.63%	1.009%
80	26.578	4033	4041	4052	rVB3	12180	39068	1.13%	0.172%
81	29.016	4435	4456	4472	rVB4	76459	415707	12.06%	1.834%
82	29.451	4518	4530	4531	rBV6	16315	40652	1.18%	0.179%
83	29.621	4549	4559	4573	rVB6	11785	48373	1.40%	0.213%
84	30.203	4636	4658	4674	rBV3	50505	294496	8.54%	1.300%

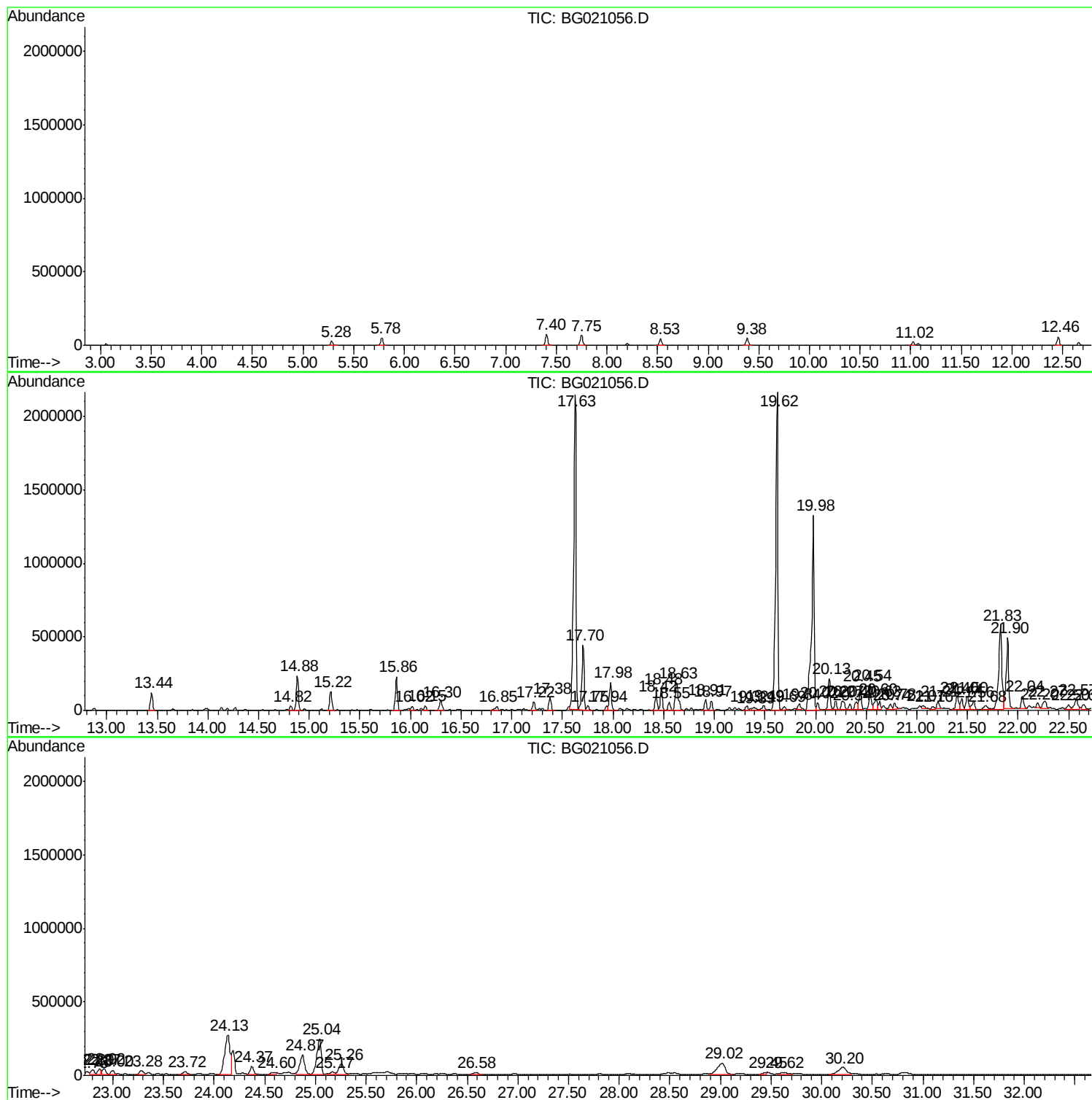
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
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Instrument :
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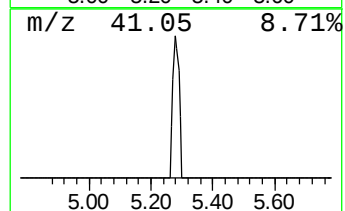
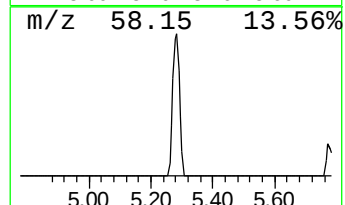
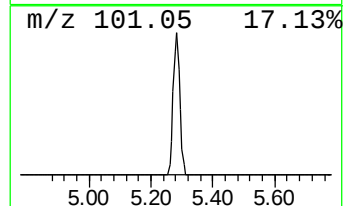
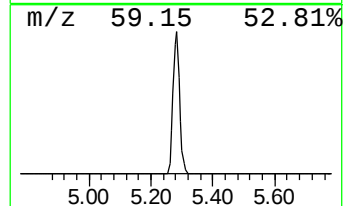
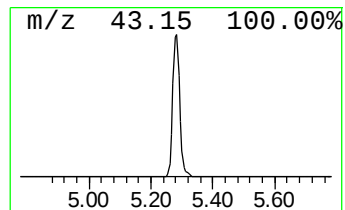
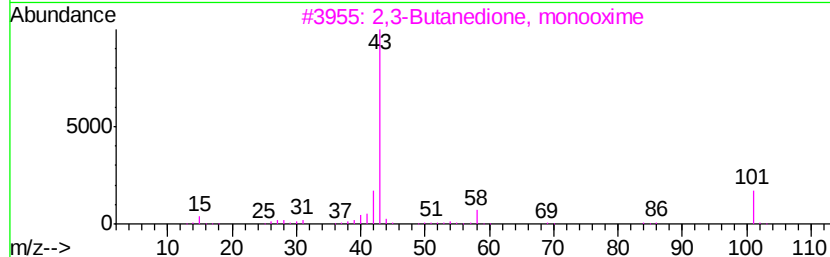
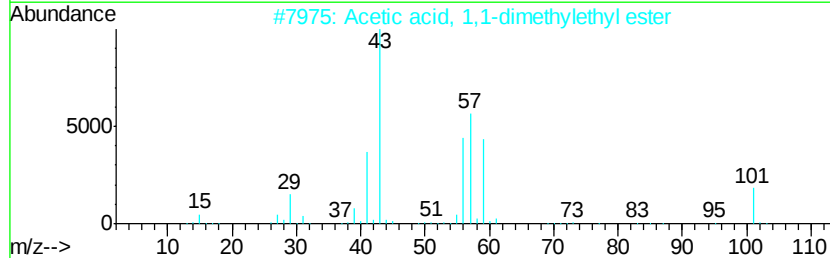
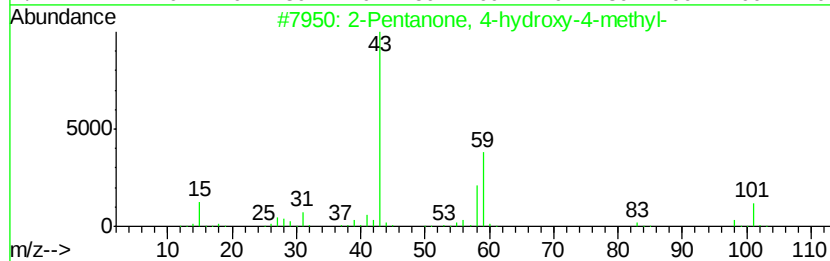
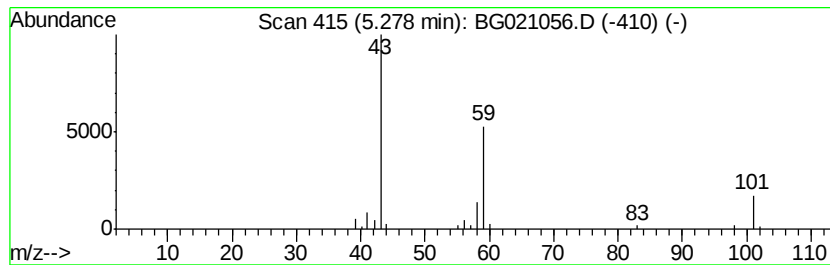
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	11.16 ng	43936	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		3-Octanol	130	C8H18O	000589-98-0	9
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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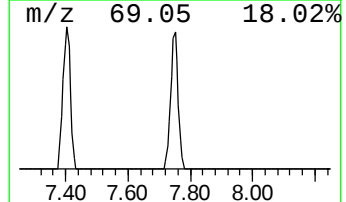
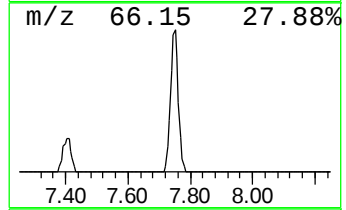
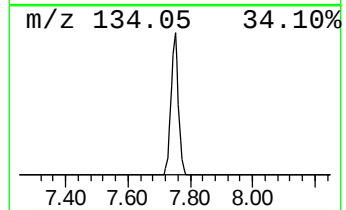
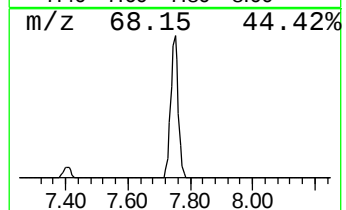
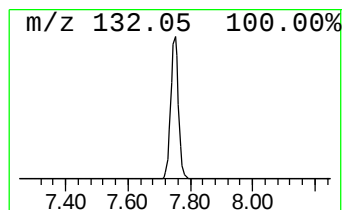
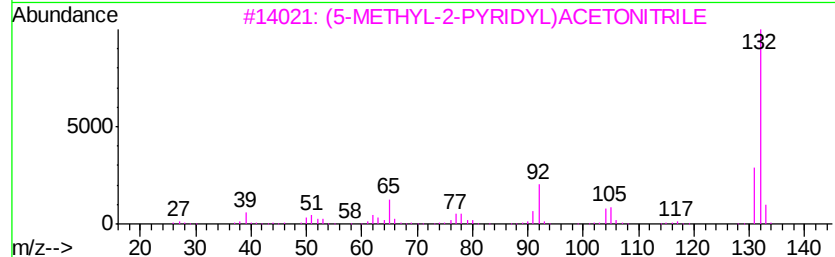
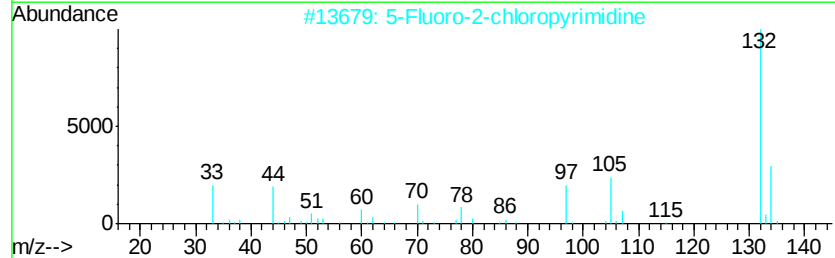
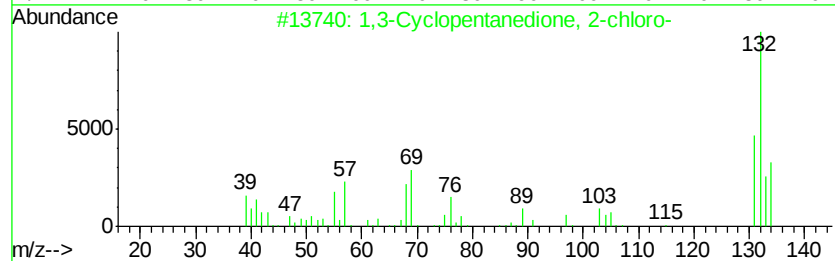
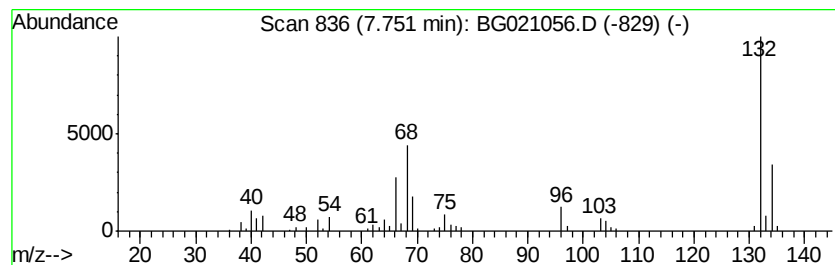
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.75 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	28.65 ng	112757	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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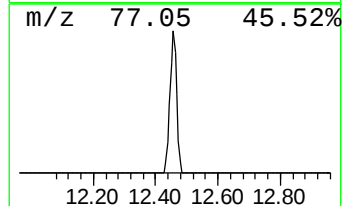
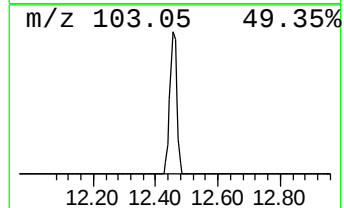
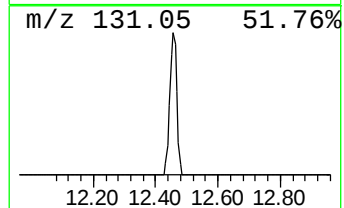
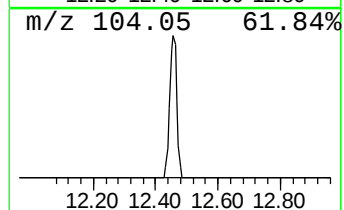
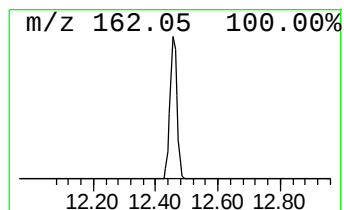
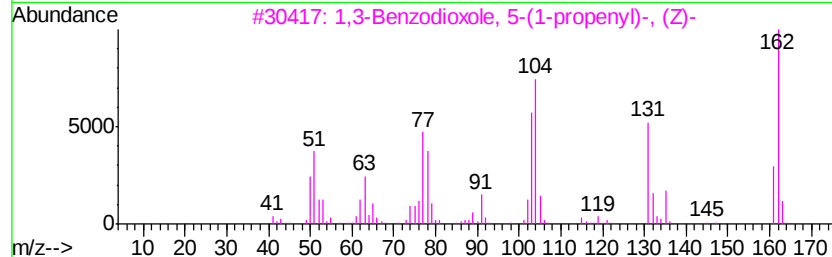
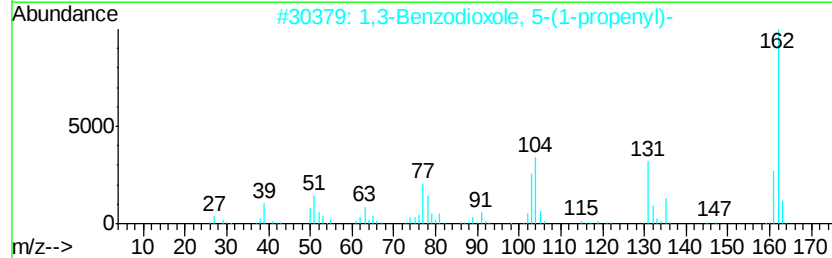
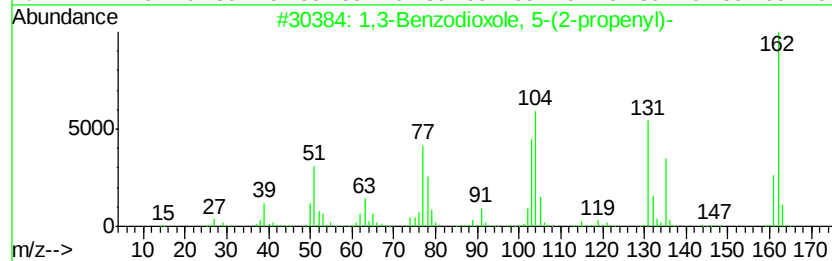
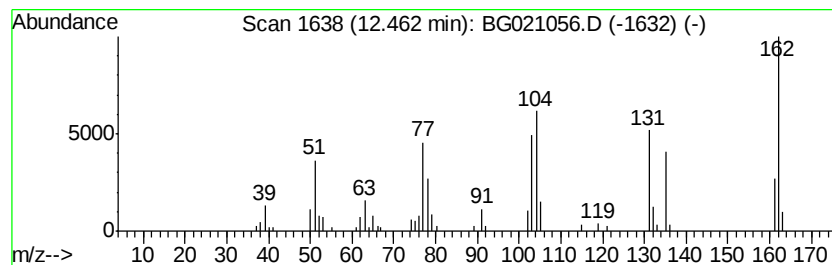
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,3-Benzodioxole, 5-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	45.90 ng	85745	Naphthalene-d8	11.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Benzodioxole, 5-(2-propenyl)-	162	C10H10O2	000094-59-7	98
2			1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	97
3			1,3-Benzodioxole, 5-(1-propenyl)...	162	C10H10O2	017627-76-8	93
4			Benzene, 1,2-(methylenedioxy)-4-...	162	C10H10O2	004043-71-4	93
5			Sydnone, 3-phenyl-	162	C8H6N2O2	000120-06-9	46



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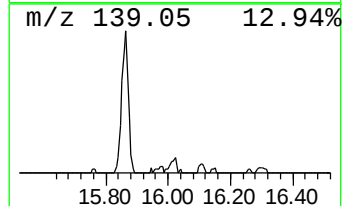
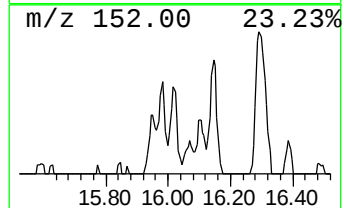
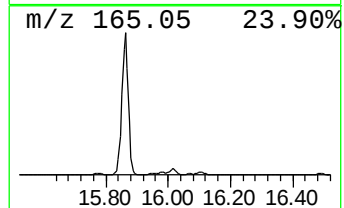
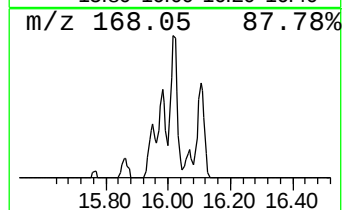
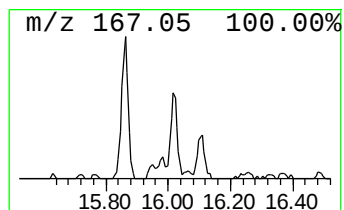
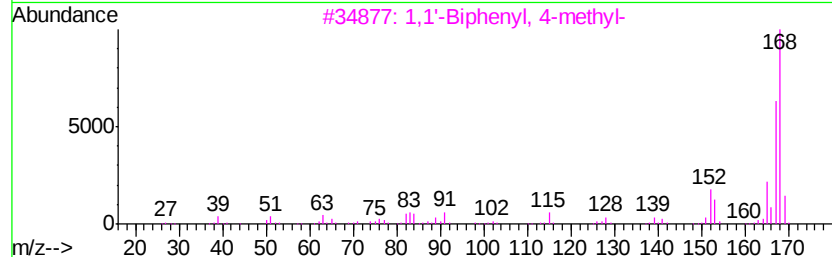
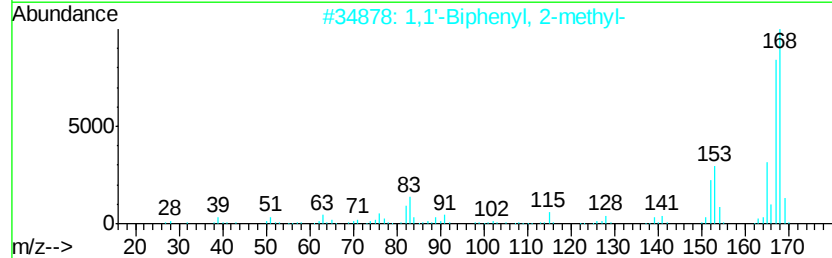
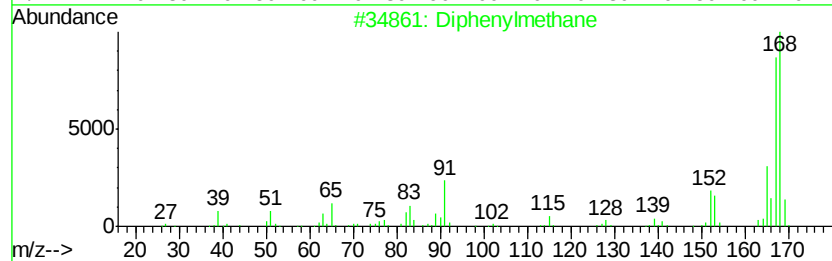
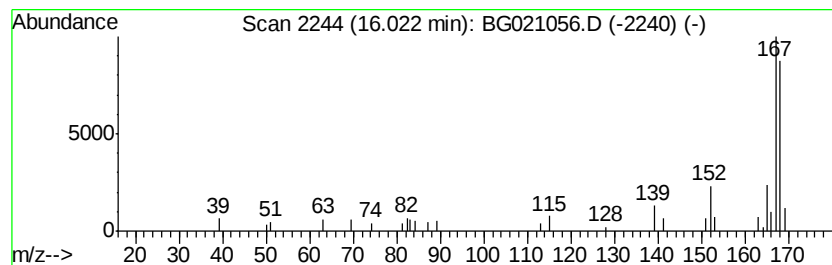
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Diphenylmethane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.02	15.28 ng	34600	Acenaphthene-d10		14.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	81
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
5	3,4-Dihydroxy-5-methoxybenzaldehyde	168	C8H8O4	003934-87-0	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021056.D
Acq On : 24 Feb 2016 17:52
Operator : UM/SJ
Sample : H1520-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

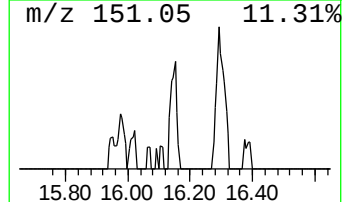
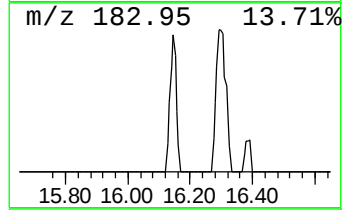
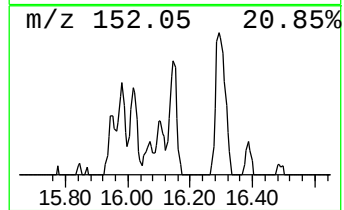
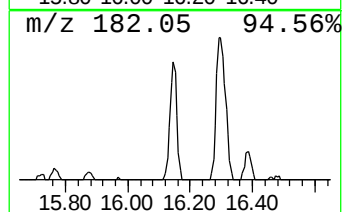
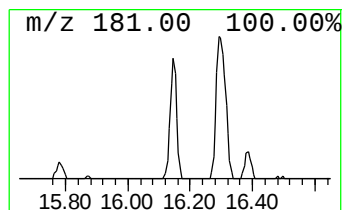
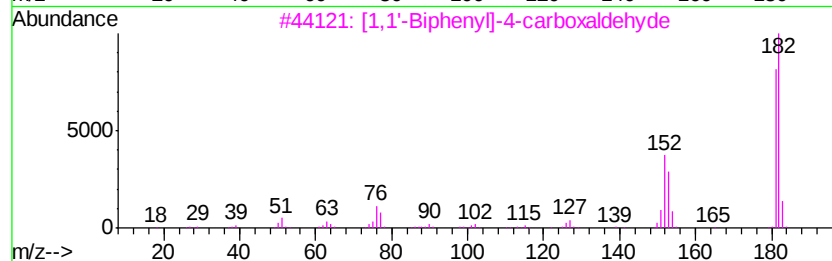
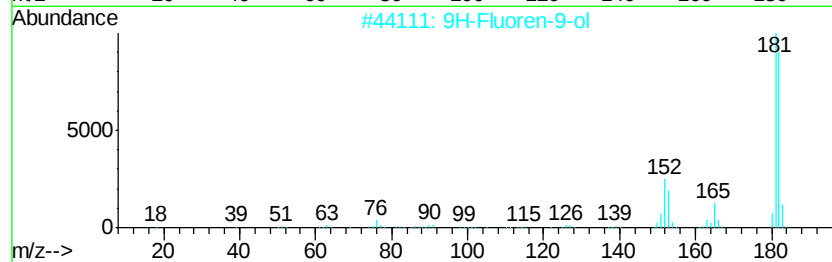
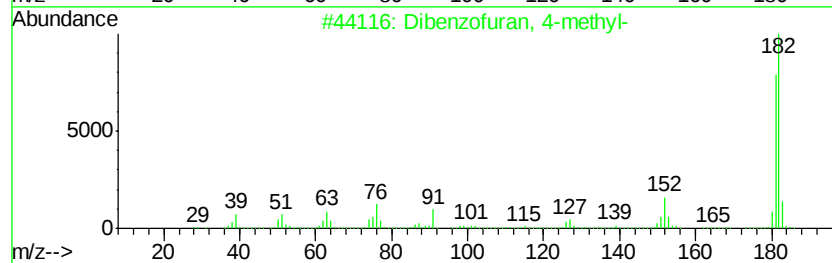
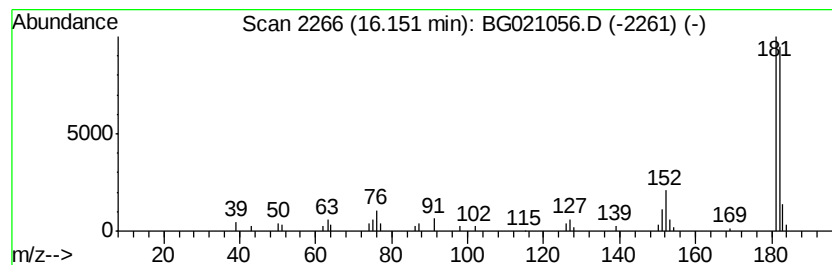
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.15	20.20 ng	45759	Acenaphthene-d10	14.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021056.D
Acq On : 24 Feb 2016 17:52
Operator : UM/SJ
Sample : H1520-07
Misc :
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Instrument :
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ClientSampleId :
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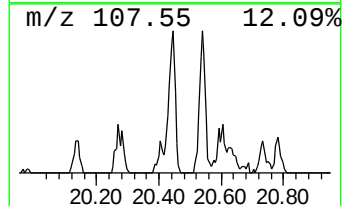
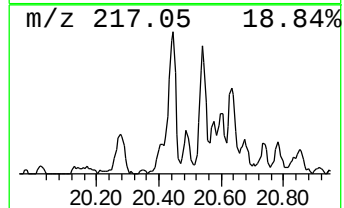
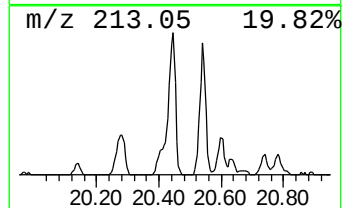
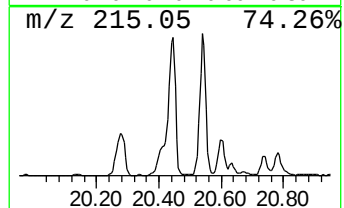
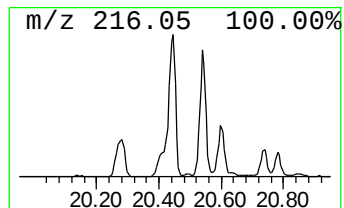
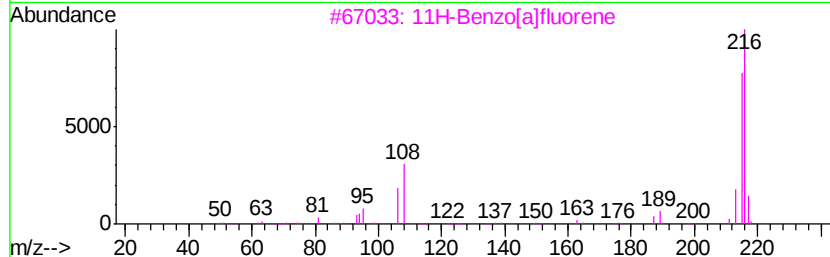
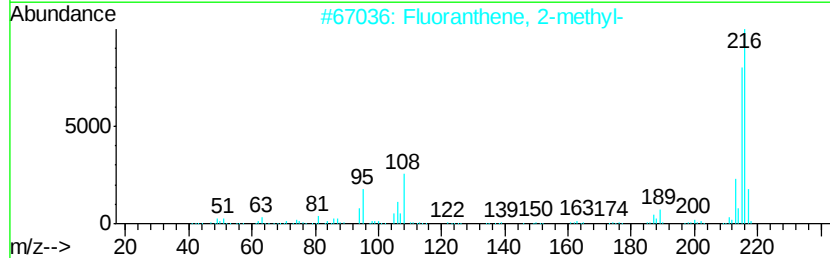
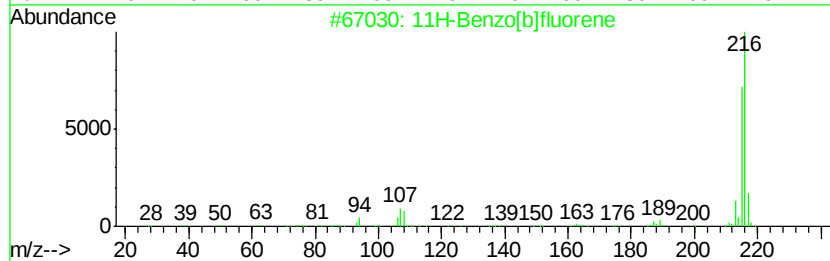
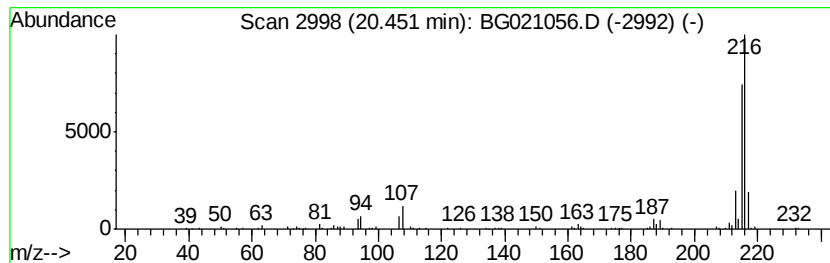
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	3.72 ng	242464	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	91
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021056.D
Acq On : 24 Feb 2016 17:52
Operator : UM/SJ
Sample : H1520-07
Misc :
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ClientSampleId :
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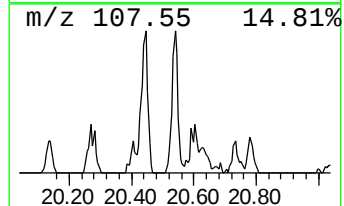
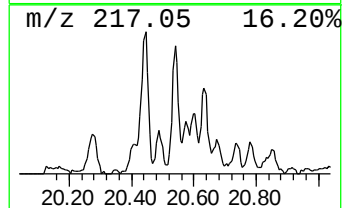
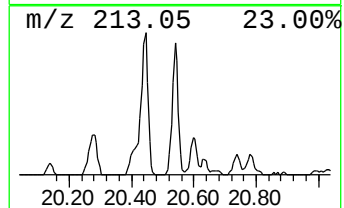
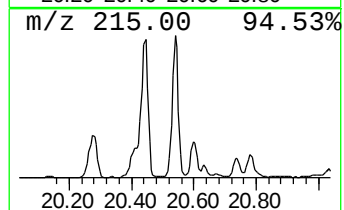
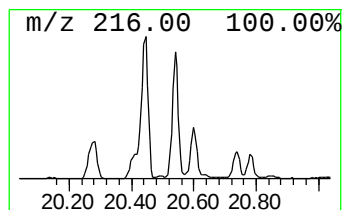
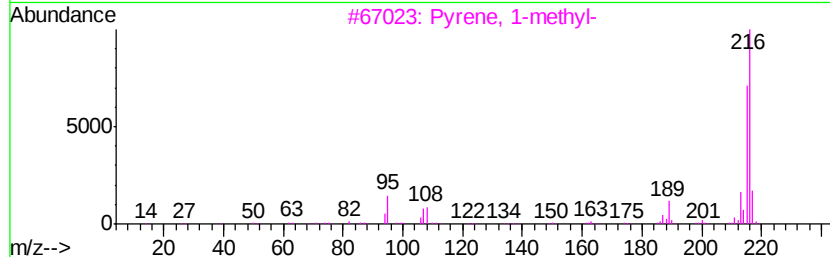
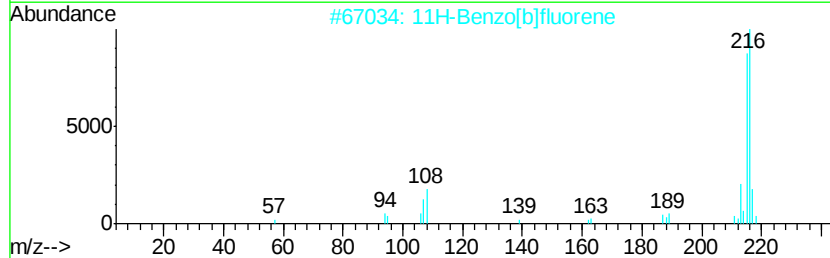
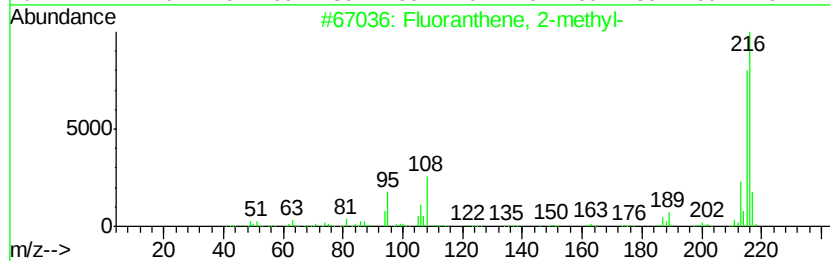
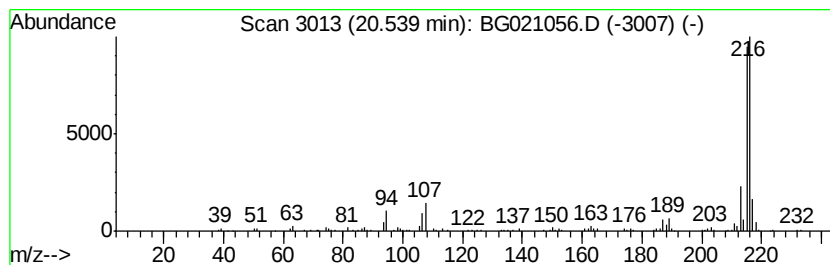
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.54	3.52 ng	229448	Chrysene-d12	21.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3			Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
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Misc :
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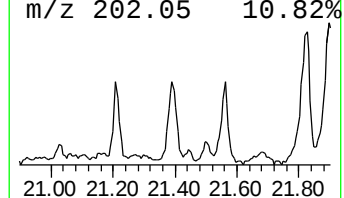
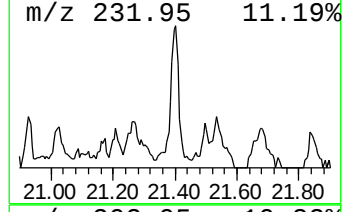
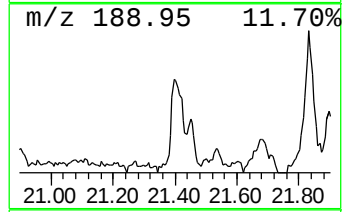
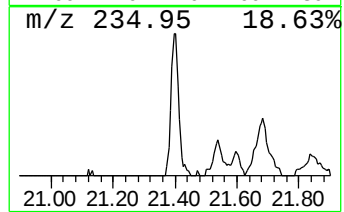
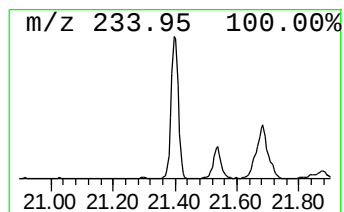
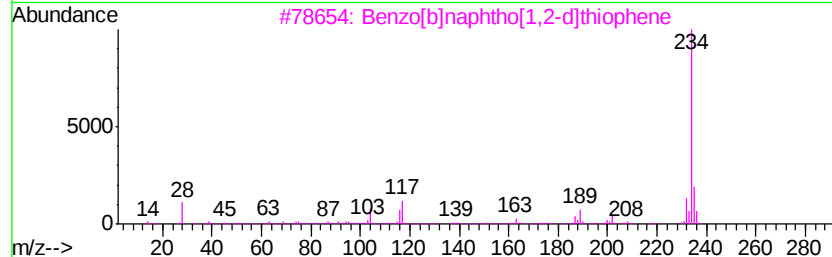
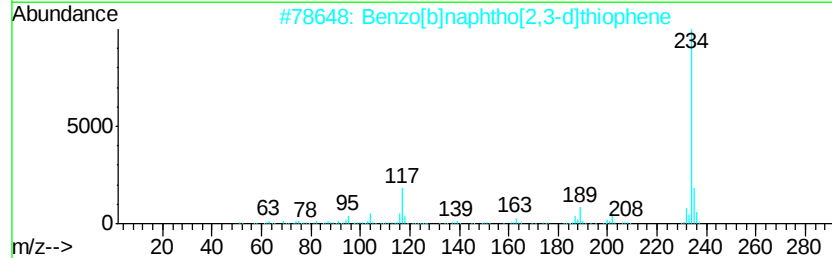
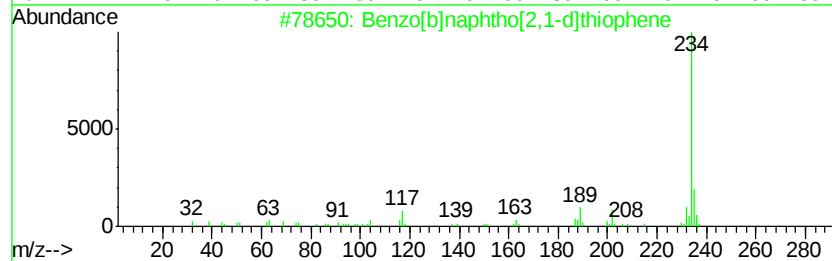
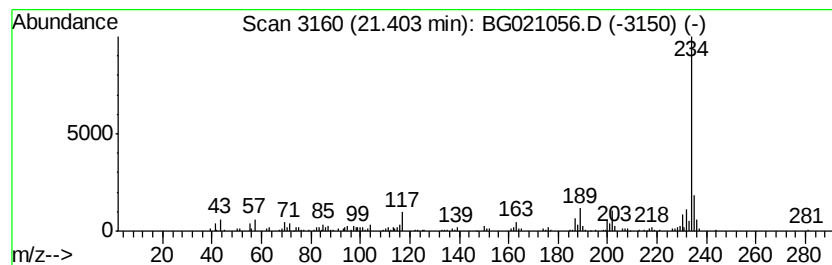
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.40	2.69 ng	175632	Chrysene-d12	21.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81
4		Cyclohexene, 1,2-diphenyl-	234	C18H18	041317-87-7	53
5		Imidazole, 4-pentafluorophenyl-	234	C9H3F5N2	081769-58-6	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021056.D
Acq On : 24 Feb 2016 17:52
Operator : UM/SJ
Sample : H1520-07
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ALS Vial : 3 Sample Multiplier: 1

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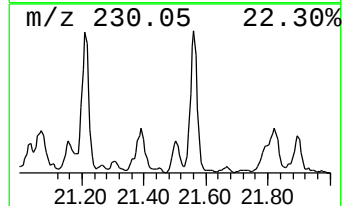
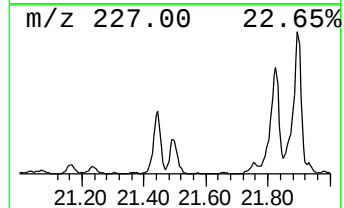
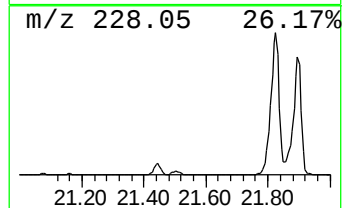
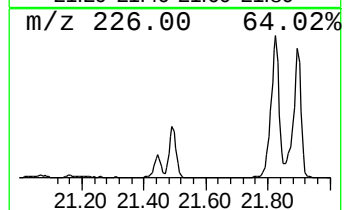
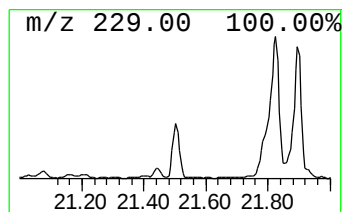
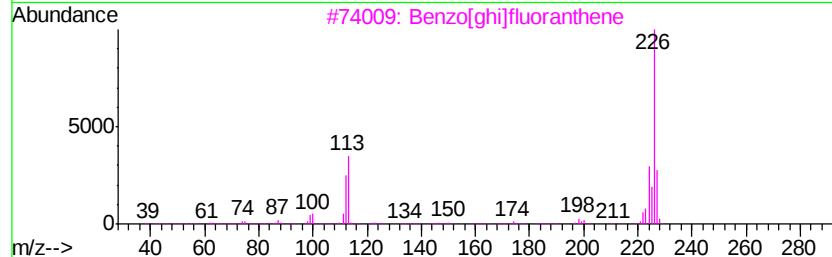
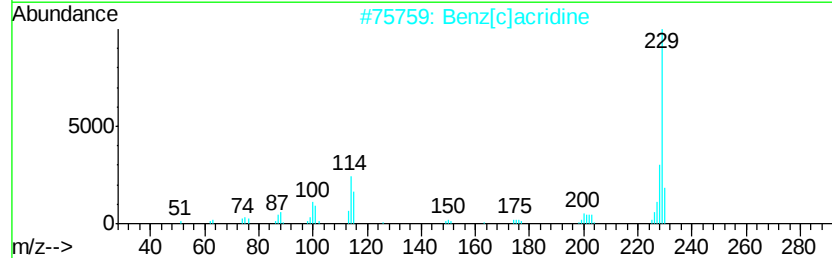
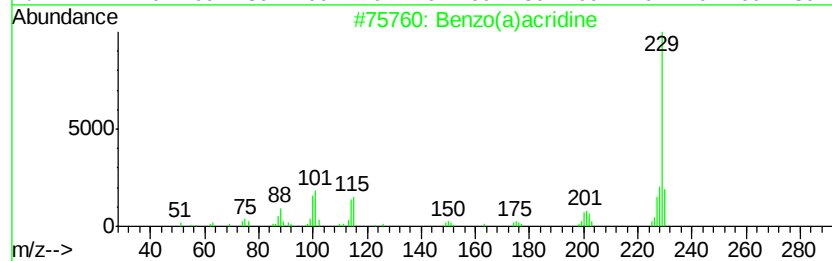
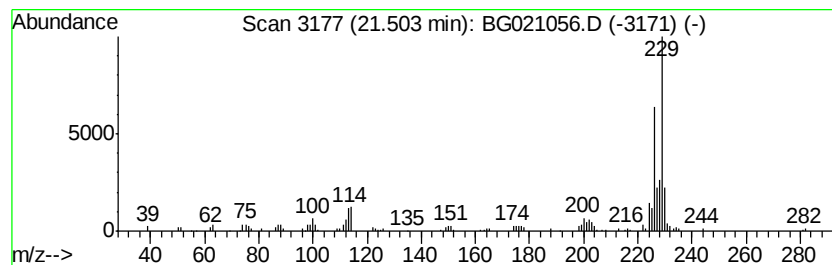
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown21.50 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	2.41 ng	157038	Chrysene-d12	21.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo(a)acridine	229	C17H11N	000225-11-6	45
2			Benz[c]acridine	229	C17H11N	000225-51-4	43
3			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	41
4			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
5			2-(3-Fluorophenyl)-1,3-benzothia...	229	C13H8FNS	1000298-18-6	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
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ClientSampleId :
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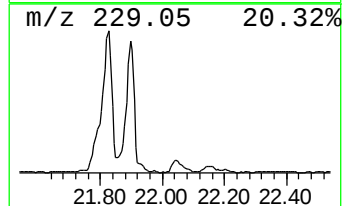
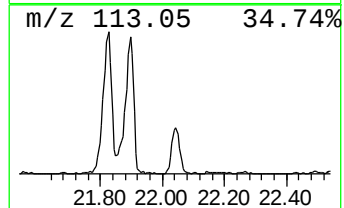
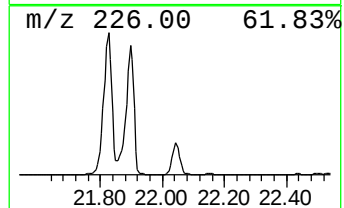
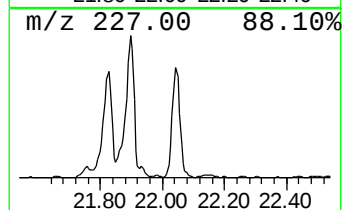
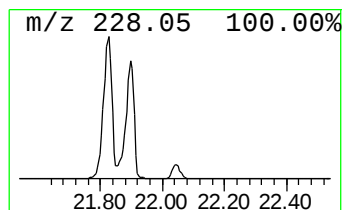
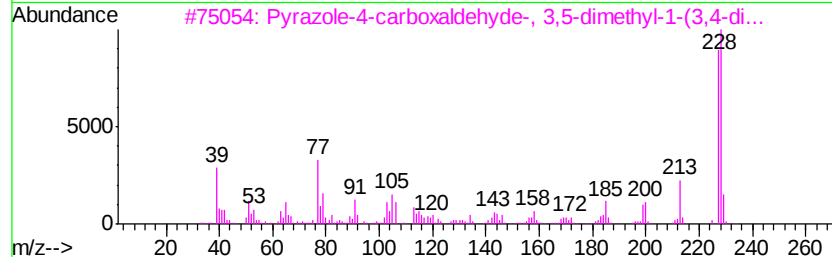
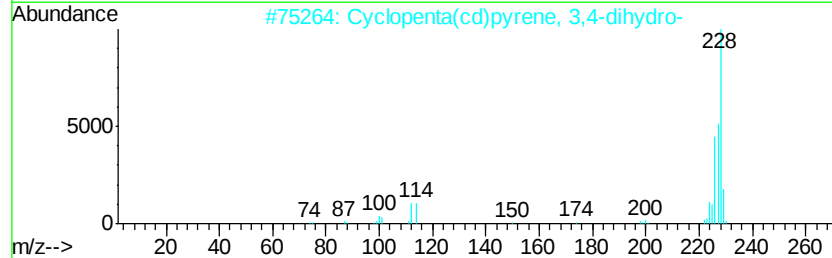
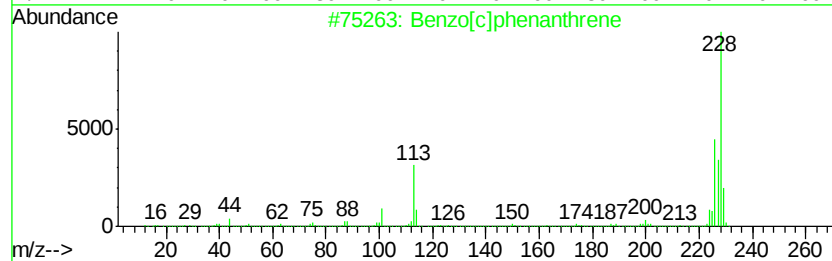
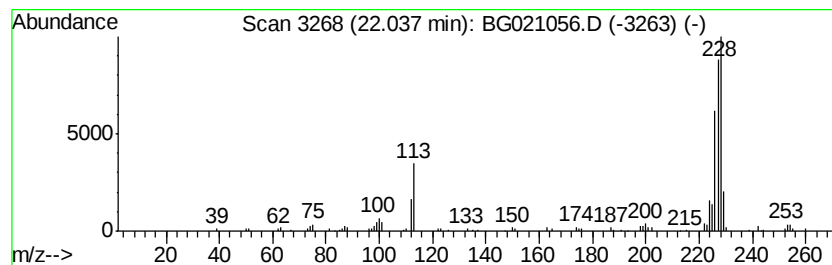
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[c]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	2.47 ng	160745	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	70
2		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
3		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4		Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
5		Benz[a]anthracene	228	C18H12	000056-55-3	41



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021056.D
Acq On : 24 Feb 2016 17:52
Operator : UM/SJ
Sample : H1520-07
Misc :
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ClientSampleId :
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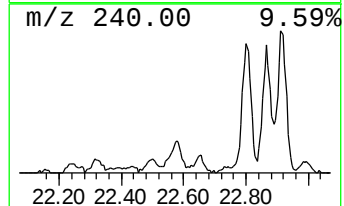
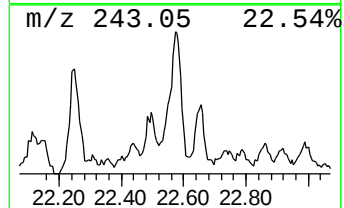
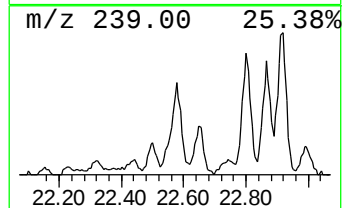
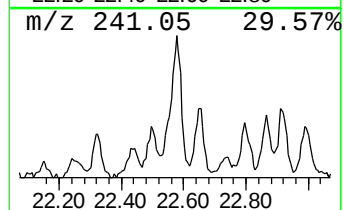
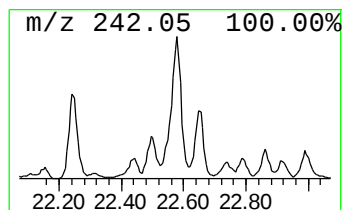
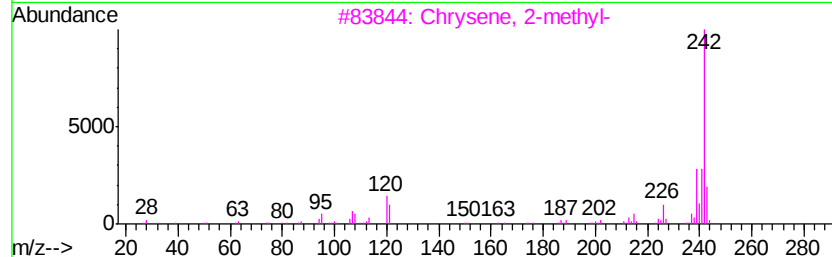
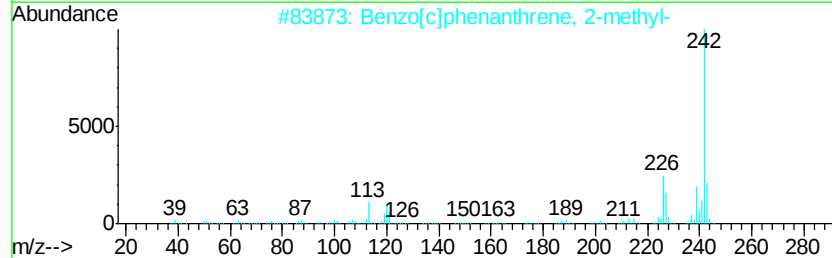
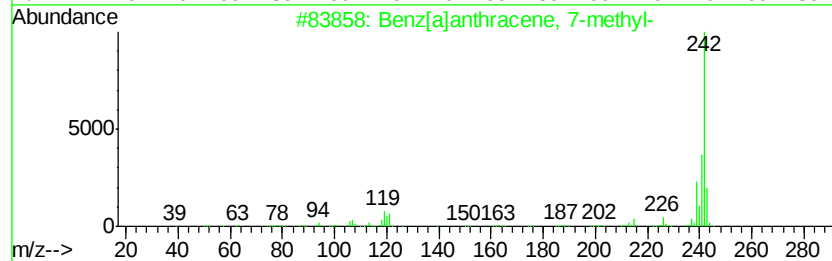
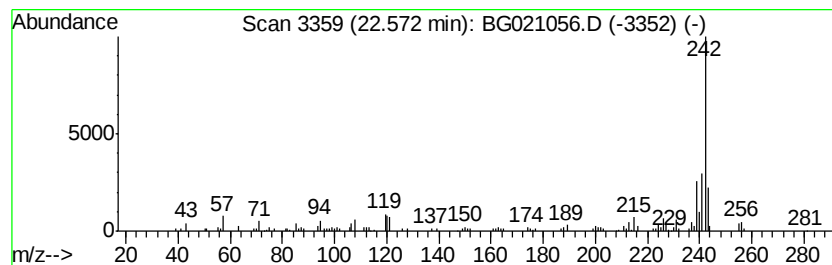
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	2.52 ng	164079	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2		Benzo[c]phenanthrene, 2-methyl-	242	C19H14	002606-85-1	92
3		Chrysene, 2-methyl-	242	C19H14	003351-32-4	90
4		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
5		Chrysene, 6-methyl-	242	C19H14	003697-24-3	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021056.D
Acq On : 24 Feb 2016 17:52
Operator : UM/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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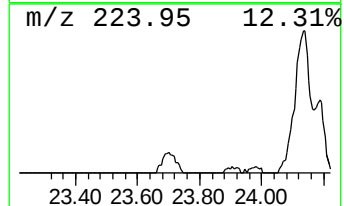
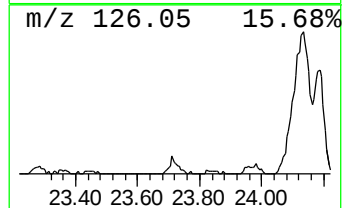
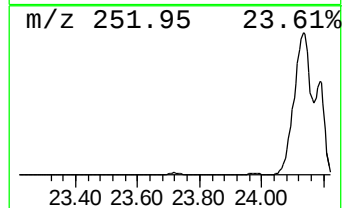
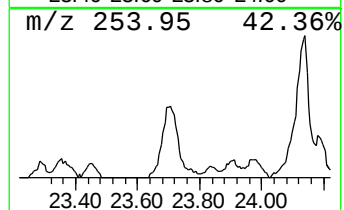
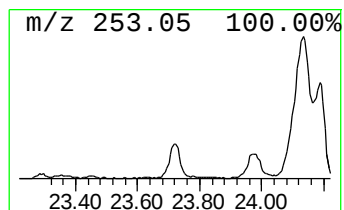
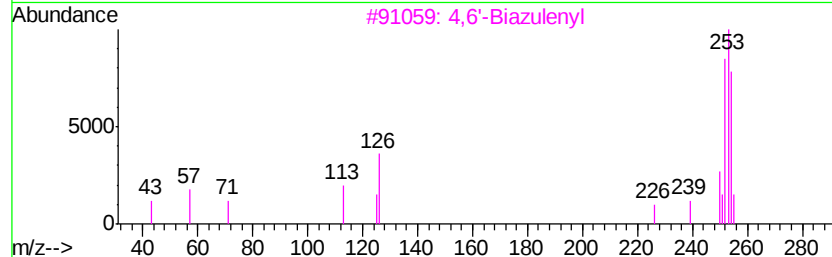
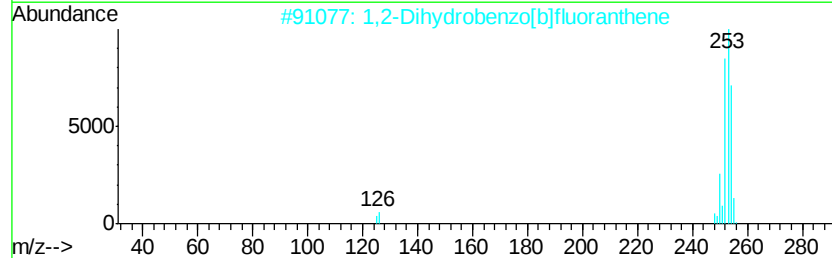
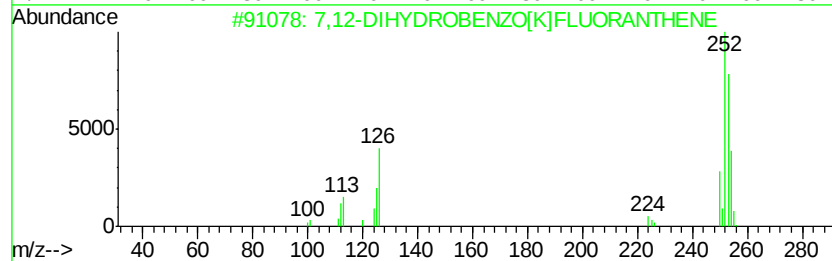
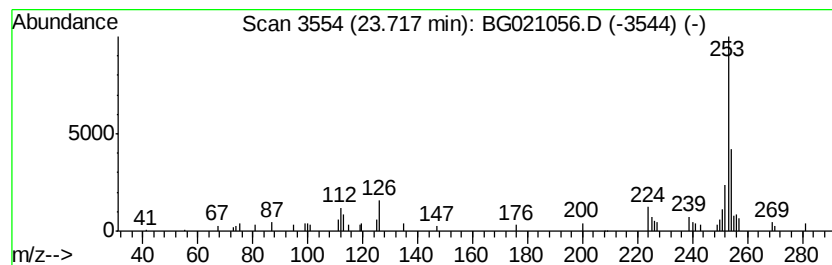
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 7,12-DIHYDROBENZO[K]FLUORAN... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.72	24.55 ng	56839	Perylene-d12	25.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	68
2		1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	45
3		4,6'-Biazulenvl	254	C20H14	094154-49-1	43
4		4,4'-Biazulenvl	254	C20H14	094053-54-0	43
5		Lead, tetramethyl-	268	C4H12Pb	000075-74-1	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021056.D
Acq On : 24 Feb 2016 17:52
Operator : UM/SJ
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Misc :
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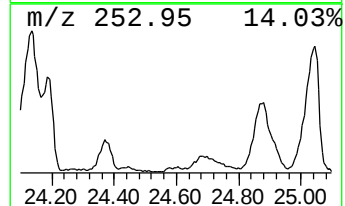
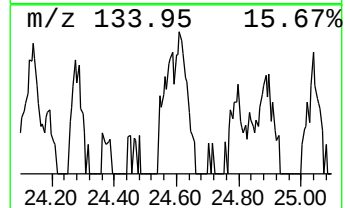
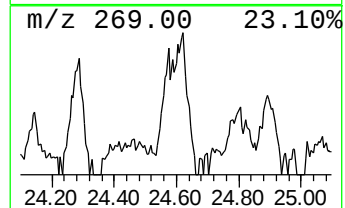
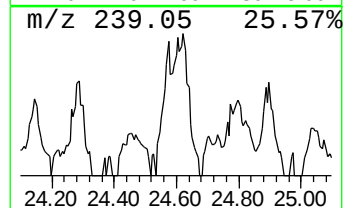
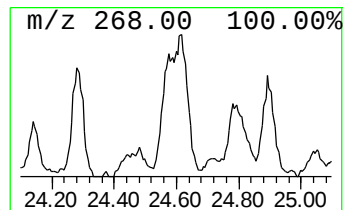
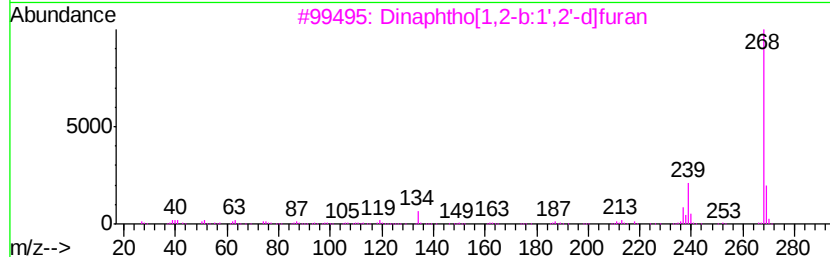
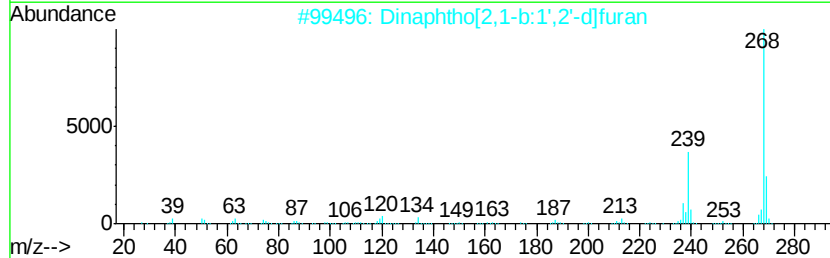
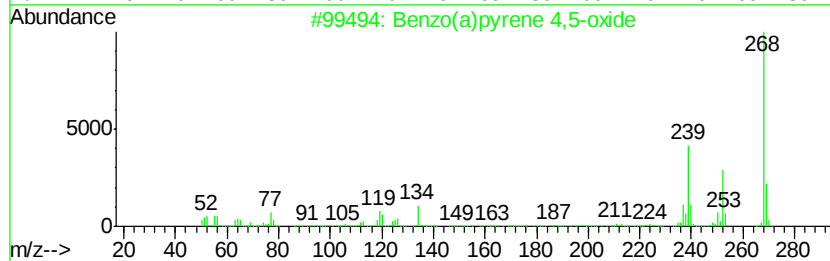
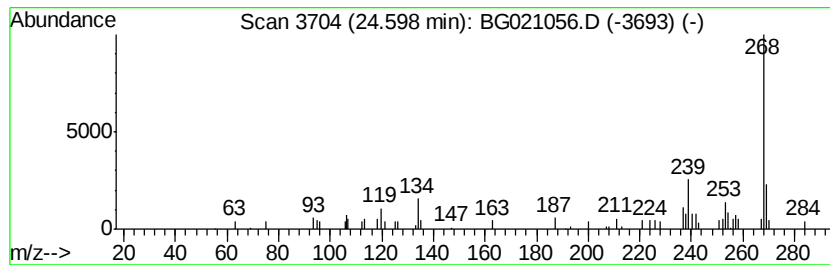
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo(a)pyrene 4,5-oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	21.30 ng	49316	Perylene-d12	25.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	68
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	64
3		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64
4		1H-Cyclopenta[blindol-3(2H)-one,...	268	C17H20N2O	339284-85-4	59
5		Androst-5,7-dien-3-ol-17-one, ac...	328	C21H28O3	1000251-17-0	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021056.D
Acq On : 24 Feb 2016 17:52
Operator : UM/SJ
Sample : H1520-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

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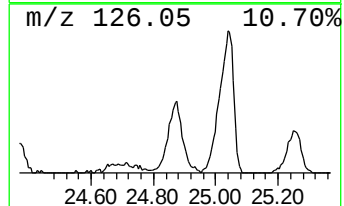
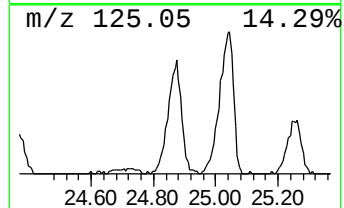
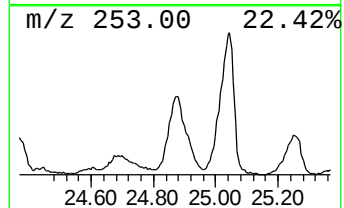
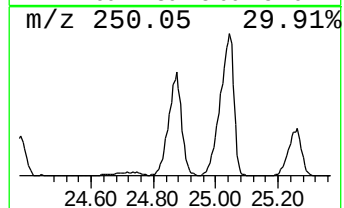
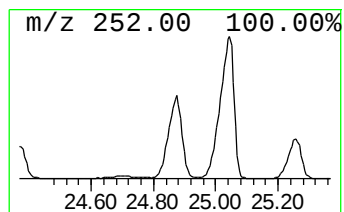
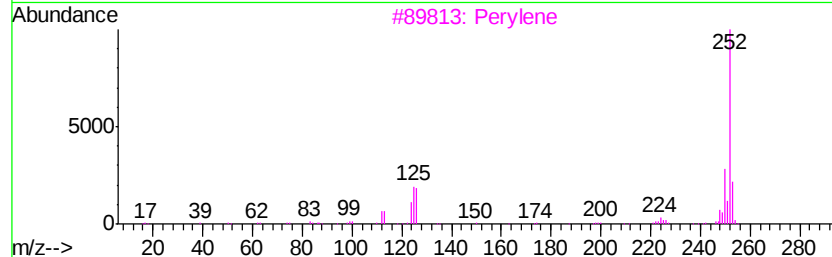
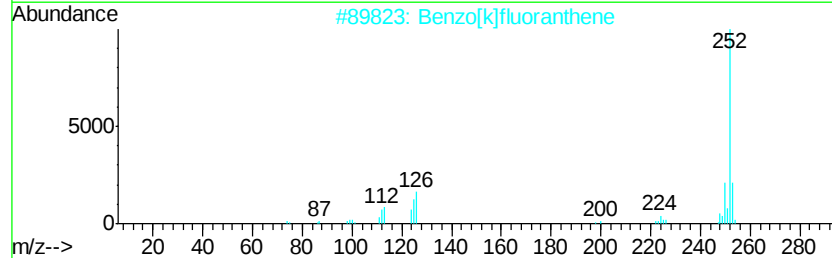
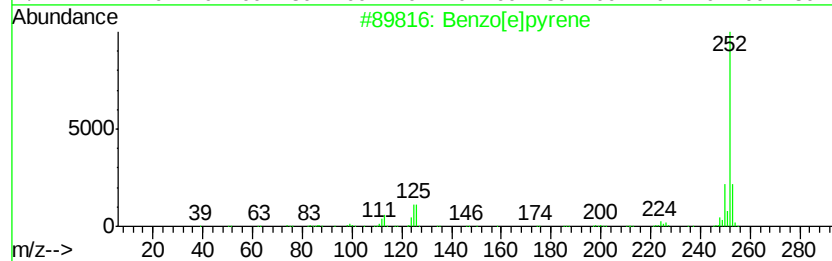
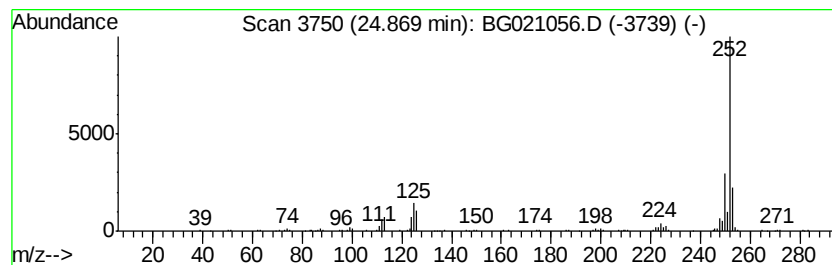
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	191.48 ng	443341	Perylene-d12	25.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021056.D
Acq On : 24 Feb 2016 17:52
Operator : UM/SJ
Sample : H1520-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

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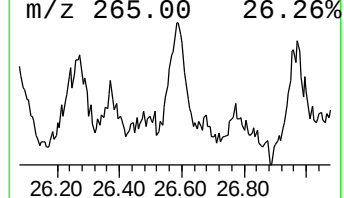
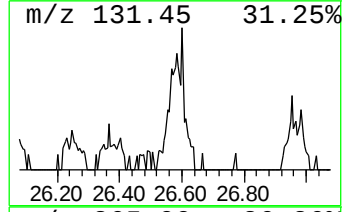
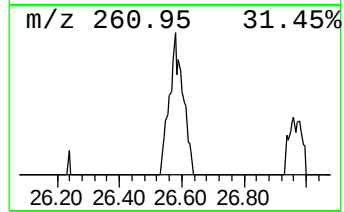
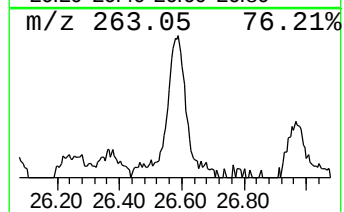
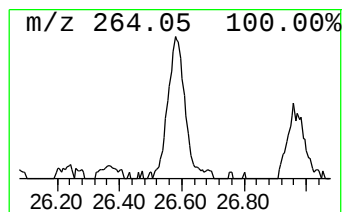
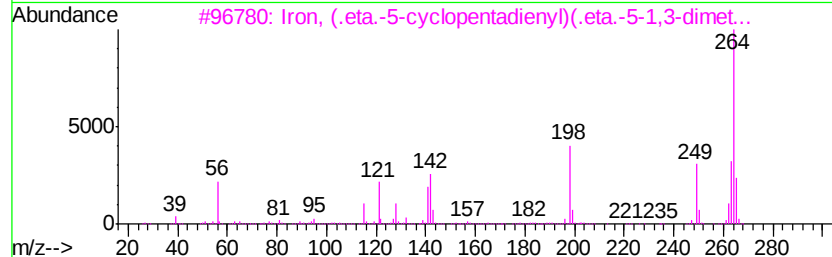
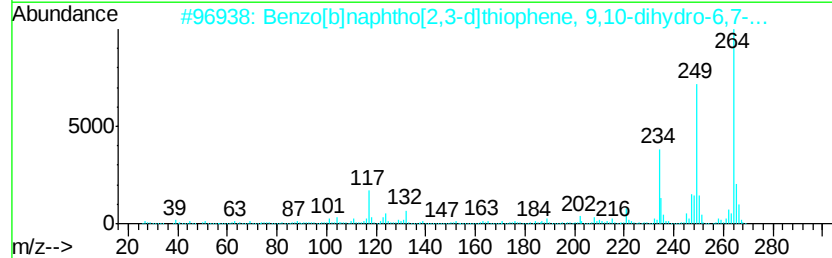
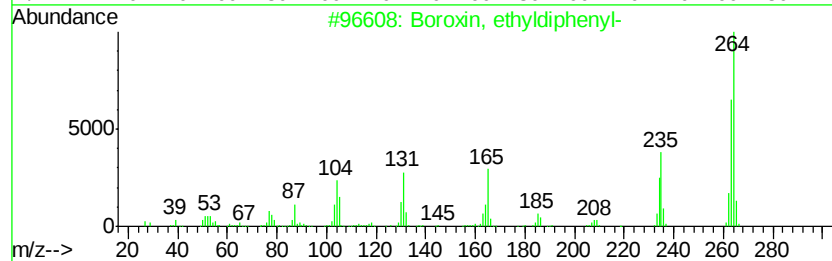
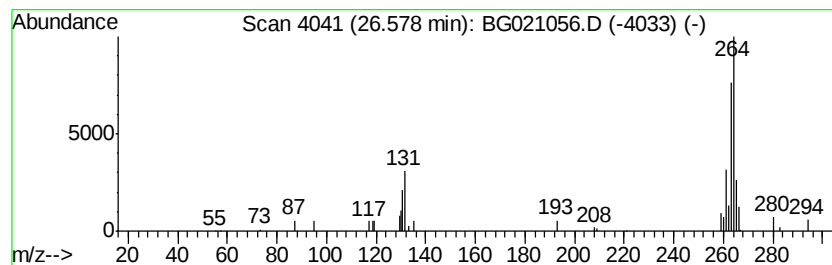
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown26.58 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.58	16.87 ng	39068	Perylene-d12	25.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	38
2		Benzo[b]naphtho[2,3-d]thiophene,...	264	C18H16S	024964-02-1	38
3		Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	32
4		3,5-Dibromo-4-methylphenol	264	C7H6Br2O	013979-81-2	25
5		Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	23



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021056.D
Acq On : 24 Feb 2016 17:52
Operator : UM/SJ
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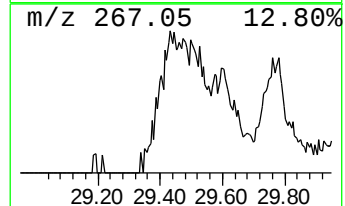
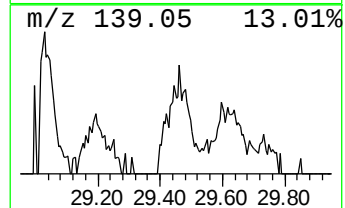
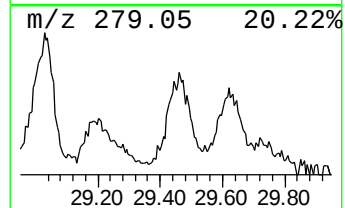
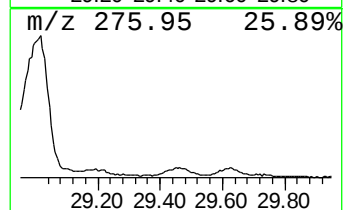
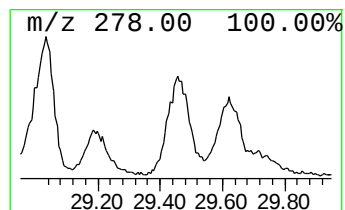
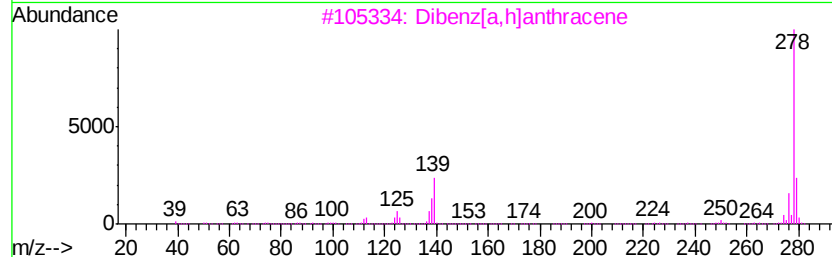
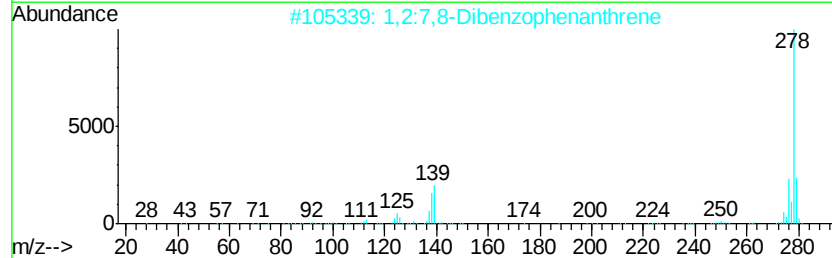
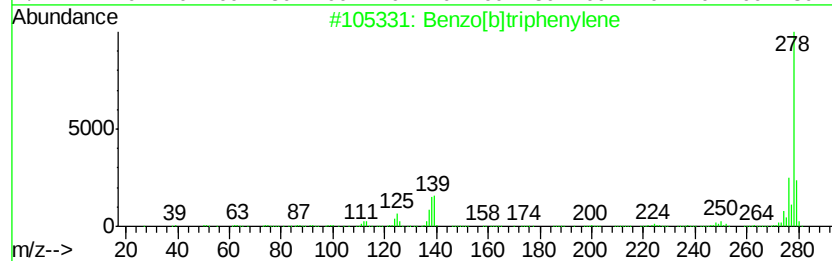
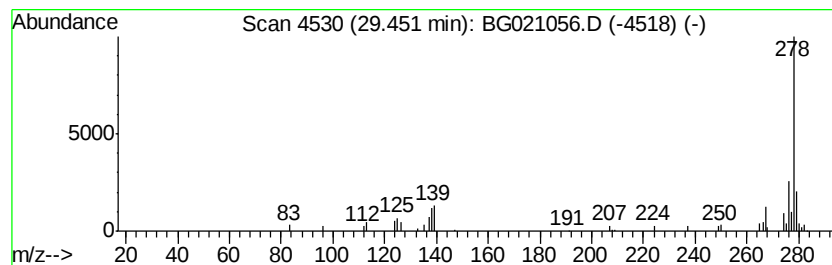
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.45	17.56 ng	40652	Perylene-d12	25.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	86
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	81
5		Benzo[b]chrysene	278	C22H14	000214-17-5	70



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022416\
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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
 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...	5.28	11.2	ng	43936	1	8.20	78716	20.0
unknown7.75	7.75	28.6	ng	112757	1	8.20	78716	20.0
1,3-Benzodioxole,...	12.46	45.9	ng	85745	2	11.02	37365	20.0
Diphenylmethane	16.02	15.3	ng	34600	3	14.82	45299	20.0
Dibenzofuran, 4-m...	16.15	20.2	ng	45759	3	14.82	45299	20.0
11H-Benzo[b]fluorene	20.45	3.7	ng	242464	5	21.84	1303660	20.0
Fluoranthene, 2-m...	20.54	3.5	ng	229448	5	21.84	1303660	20.0
Benzo[b]naphtho[2...	21.40	2.7	ng	175632	5	21.84	1303660	20.0
unknown21.50	21.50	2.4	ng	157038	5	21.84	1303660	20.0
Benzo[c]phenanthrene	22.04	2.5	ng	160745	5	21.84	1303660	20.0
Benz[a]anthracene...	22.57	2.5	ng	164079	5	21.84	1303660	20.0
7,12-DIHYDROBENZO...	23.72	24.6	ng	56839	6	25.17	46306	20.0
Benzo(a)pyrene 4,...	24.60	21.3	ng	49316	6	25.17	46306	20.0
Benzo[e]pyrene	24.87	191.5	ng	443341	6	25.17	46306	20.0
unknown26.58	26.58	16.9	ng	39068	6	25.17	46306	20.0
Benzo[b]triphenylene	29.45	17.6	ng	40652	6	25.17	46306	20.0