

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020086.D
 Acq On : 10 Dec 2015 21:51
 Operator : UM/SJ
 Sample : G4683-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1-14.5

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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	2.986	20	25	46	rVB	1860424	2775700	100.00%	10.892%
2	5.184	393	399	406	rVB	96128	141112	5.08%	0.554%
3	5.660	472	480	492	rBV	423842	689456	24.84%	2.706%
4	7.264	745	753	767	rBV	470946	807322	29.09%	3.168%
5	7.640	810	817	825	rVB	468510	773981	27.88%	3.037%
6	8.110	887	897	903	rBV	76444	122994	4.43%	0.483%
7	8.433	945	952	960	rVB	322147	561723	20.24%	2.204%
8	9.279	1088	1096	1105	rBV	289240	513771	18.51%	2.016%
9	10.924	1368	1376	1383	rBV	103524	183832	6.62%	0.721%
10	13.363	1782	1791	1802	rBV	754272	1158231	41.73%	4.545%
11	14.185	1924	1931	1938	rBV	247391	366115	13.19%	1.437%
12	14.737	2015	2025	2031	rBV2	171762	278451	10.03%	1.093%
13	14.802	2031	2036	2043	rVB	31688	50252	1.81%	0.197%
14	15.131	2086	2092	2097	rBV	27295	40985	1.48%	0.161%
15	15.777	2196	2202	2211	rVB2	47680	75371	2.72%	0.296%
16	16.224	2268	2278	2286	rBV	721590	1107771	39.91%	4.347%
17	16.424	2307	2312	2315	rBV2	22641	31865	1.15%	0.125%
18	17.135	2427	2433	2440	rVB2	28179	47376	1.71%	0.186%
19	17.223	2440	2448	2454	rBV5	26750	66459	2.39%	0.261%
20	17.299	2456	2461	2469	rVB	31663	53165	1.92%	0.209%
21	17.481	2485	2492	2495	rBV	231891	349909	12.61%	1.373%
22	17.522	2495	2499	2506	rVV	707114	1079460	38.89%	4.236%
23	17.611	2506	2514	2519	rVV	126683	210981	7.60%	0.828%
24	17.881	2548	2560	2569	rBV2	58816	122736	4.42%	0.482%
25	18.357	2633	2641	2645	rBV	141722	217767	7.85%	0.855%
26	18.404	2645	2649	2655	rVB	119249	177026	6.38%	0.695%
27	18.480	2656	2662	2667	rBV	39380	59745	2.15%	0.234%
28	18.551	2667	2674	2678	rBV2	116002	231449	8.34%	0.908%
29	18.586	2678	2680	2685	rVB	56904	62389	2.25%	0.245%
30	18.844	2720	2724	2728	rBV	68981	100860	3.63%	0.396%
31	18.886	2728	2731	2737	rVB	56453	80066	2.88%	0.314%
32	19.091	2762	2766	2769	rBV2	22504	29168	1.05%	0.114%
33	19.262	2790	2795	2800	rBV3	40969	76420	2.75%	0.300%
34	19.326	2800	2806	2809	rBV4	17771	32408	1.17%	0.127%

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35	19.403	2814	2819	2827	rVB2	51756	82614	2.98%	0.324%
36	19.526	2833	2840	2846	rVB	937976	1378787	49.67%	5.411%
37	19.620	2852	2856	2862	rVB2	62936	84600	3.05%	0.332%
38	19.714	2867	2872	2875	rBV5	21279	38131	1.37%	0.150%
39	19.767	2875	2881	2891	rVV2	42824	105574	3.80%	0.414%
40	19.855	2891	2896	2898	rVV2	171619	273683	9.86%	1.074%
41	19.890	2898	2902	2909	rVV	813767	1212777	43.69%	4.759%
42	19.955	2909	2913	2918	rVB2	46700	74015	2.67%	0.290%
43	20.084	2925	2935	2939	rBV	1354581	1873536	67.50%	7.352%
44	20.125	2939	2942	2948	rVB	51378	73064	2.63%	0.287%
45	20.213	2950	2957	2962	rBV2	57158	151288	5.45%	0.594%
46	20.260	2962	2965	2971	rVV2	16012	29563	1.07%	0.116%
47	20.343	2972	2979	2980	rVV5	46609	87983	3.17%	0.345%
48	20.372	2981	2984	2989	rVB	114715	174217	6.28%	0.684%
49	20.478	2996	3002	3005	rBV	66379	101169	3.64%	0.397%
50	20.531	3005	3011	3015	rVV2	71630	142666	5.14%	0.560%
51	20.572	3015	3018	3021	rVV	33243	36863	1.33%	0.145%
52	20.613	3021	3025	3030	rVB3	19289	31270	1.13%	0.123%
53	20.672	3030	3035	3039	rBV	47113	71372	2.57%	0.280%
54	20.719	3039	3043	3047	rVB2	43537	56036	2.02%	0.220%
55	20.965	3081	3085	3089	rVV4	23646	37504	1.35%	0.147%
56	21.136	3110	3114	3121	rVB	68363	114289	4.12%	0.448%
57	21.330	3138	3147	3150	rBV2	60045	137090	4.94%	0.538%
58	21.371	3150	3154	3158	rVV2	93917	162477	5.85%	0.638%
59	21.424	3158	3163	3167	rVV2	73896	149641	5.39%	0.587%
60	21.477	3167	3172	3184	rVB2	79251	159519	5.75%	0.626%
61	21.618	3186	3196	3202	rBV2	19682	66076	2.38%	0.259%
62	21.741	3205	3217	3224	rVV3	493211	1353090	48.75%	5.310%
63	21.806	3224	3228	3240	rVB	350004	595677	21.46%	2.338%
64	21.958	3248	3254	3262	rBV	55657	104914	3.78%	0.412%
65	22.029	3262	3266	3270	rBV7	12707	28600	1.03%	0.112%
66	22.164	3284	3289	3297	rBV2	47993	107169	3.86%	0.421%
67	22.235	3297	3301	3304	rVV6	15944	30148	1.09%	0.118%
68	22.276	3304	3308	3312	rVB4	27327	40660	1.46%	0.160%
69	22.493	3337	3345	3351	rVV3	62226	141116	5.08%	0.554%
70	22.564	3353	3357	3364	rVB	35936	70952	2.56%	0.278%
71	22.769	3388	3392	3397	rVV2	28398	54541	1.96%	0.214%

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72	22.816	3397	3400	3409	rVB4	30545	68104	2.45%	0.267%
73	22.916	3411	3417	3423	rBV3	22406	52746	1.90%	0.207%
74	23.169	3453	3460	3467	rBV3	20996	60439	2.18%	0.237%
75	23.439	3504	3506	3515	rVB7	15457	32480	1.17%	0.127%
76	23.615	3532	3536	3544	rVB3	20827	43018	1.55%	0.169%
77	23.997	3590	3601	3608	rBV	222343	787045	28.35%	3.089%
78	24.250	3638	3644	3653	rVB2	40905	98677	3.56%	0.387%
79	24.467	3672	3681	3682	rBV7	18075	36620	1.32%	0.144%
80	24.732	3716	3726	3740	rVB	135747	421959	15.20%	1.656%
81	24.884	3740	3752	3765	rBV	201433	582358	20.98%	2.285%
82	25.037	3767	3778	3785	rVV	159700	459036	16.54%	1.801%
83	25.114	3786	3791	3803	rVB2	59050	169598	6.11%	0.666%
84	28.774	4401	4414	4433	rVB5	72631	371232	13.37%	1.457%
85	29.426	4514	4525	4527	rBV3	14760	44578	1.61%	0.175%
86	29.937	4597	4612	4613	rBV2	54563	145836	5.25%	0.572%

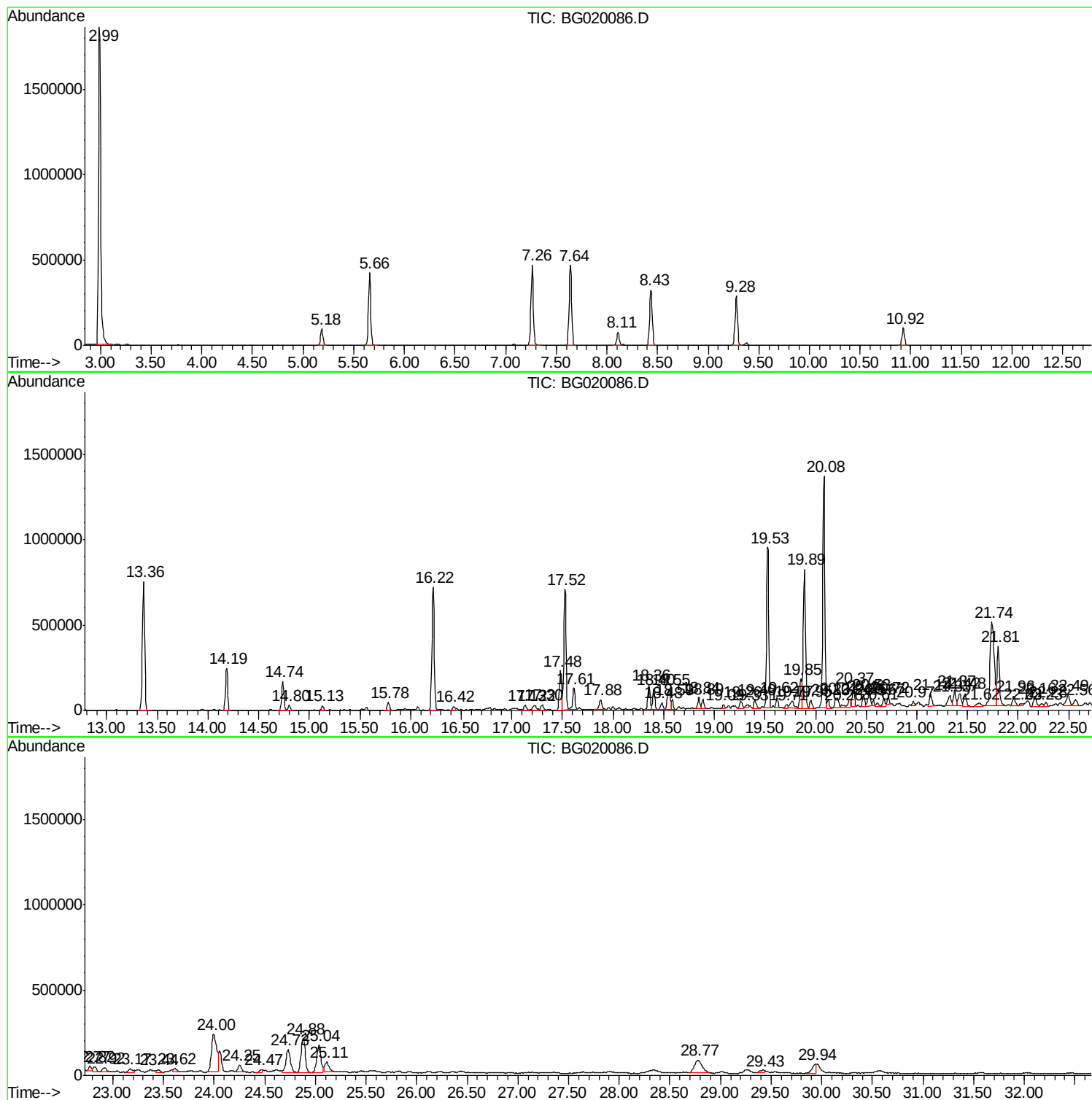
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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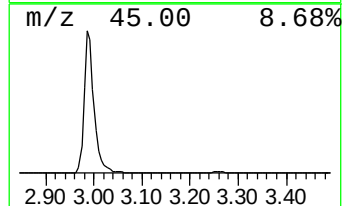
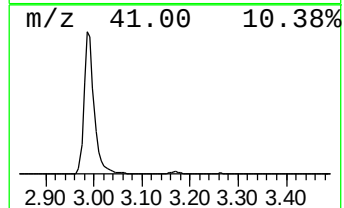
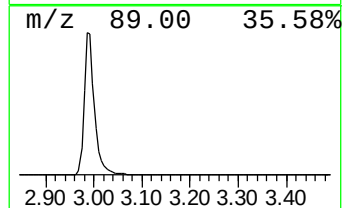
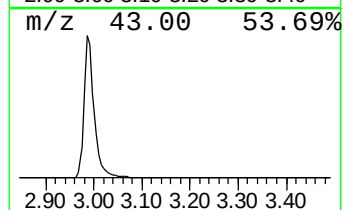
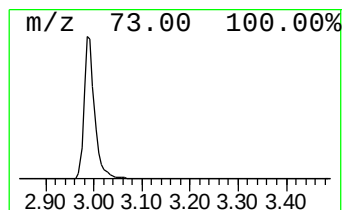
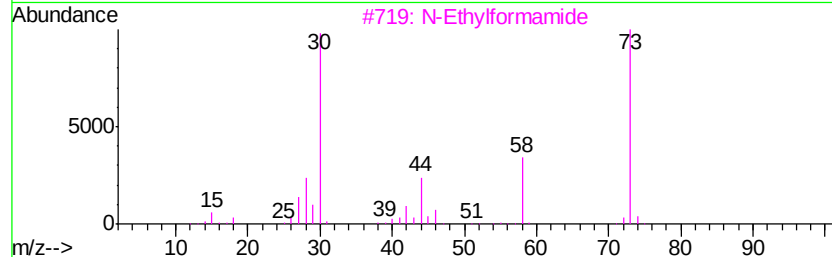
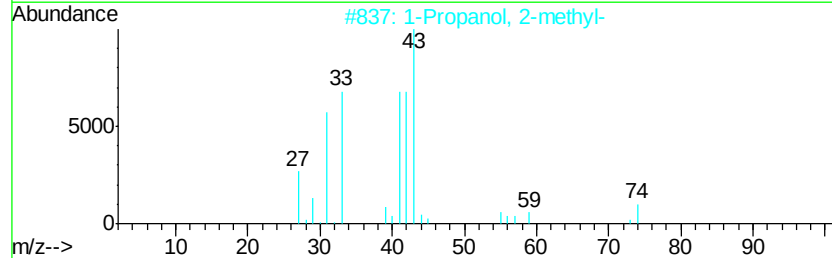
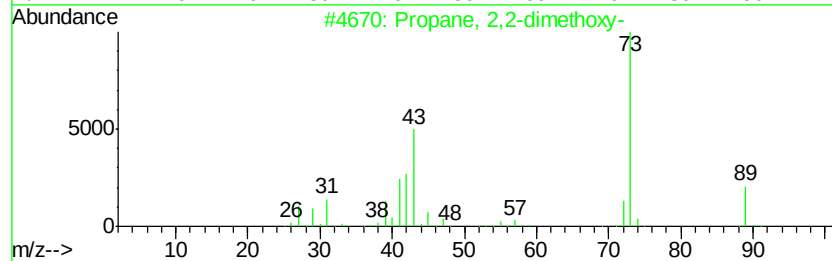
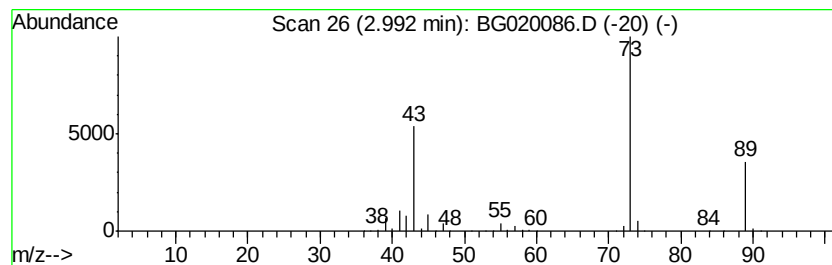
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	451.36 ng	2775700	1,4-Dichlorobenzene-d4	8.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
5		1-Propanol, 2-methyl-2-nitro-	119	C4H9NO3	000076-39-1	9



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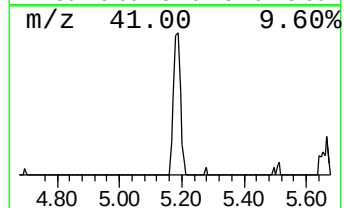
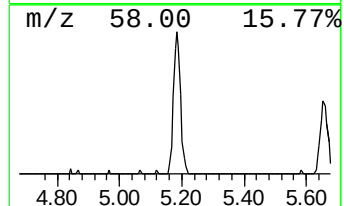
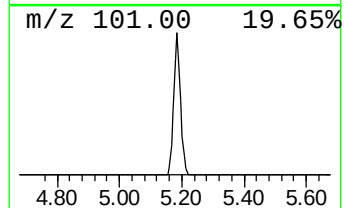
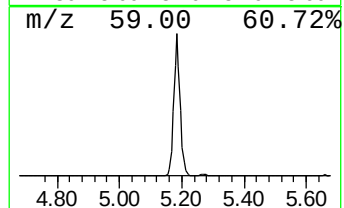
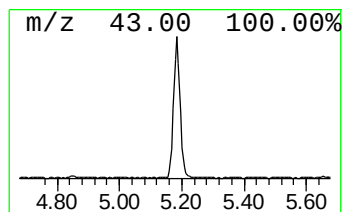
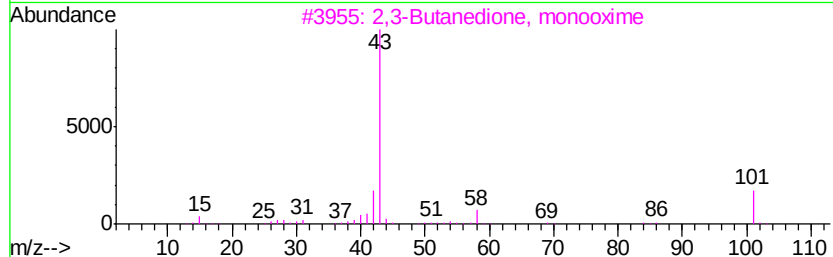
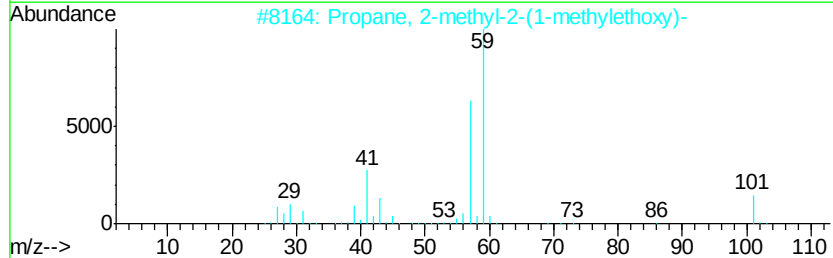
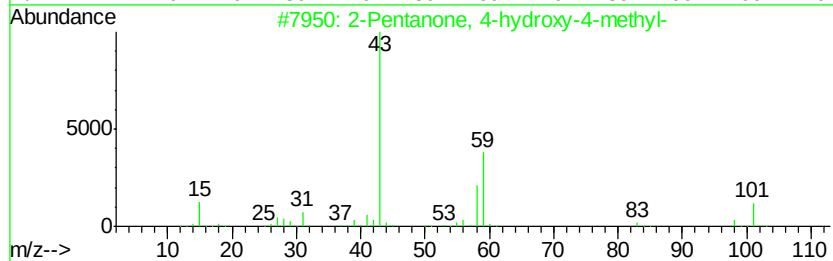
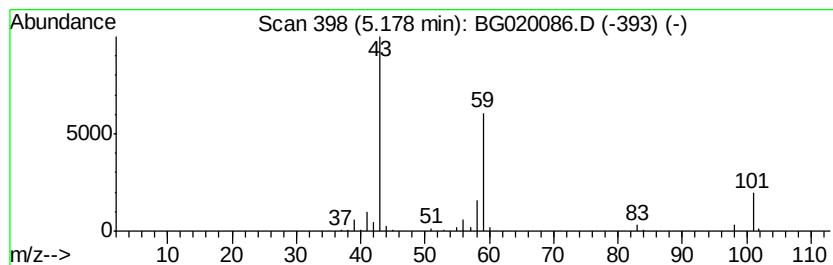
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	22.95 ng	141112	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5		Guanidine	59	CH5N3	000113-00-8	9



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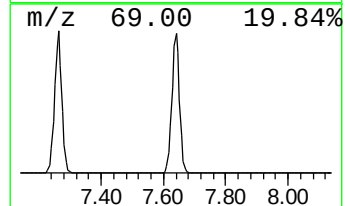
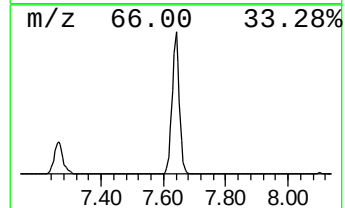
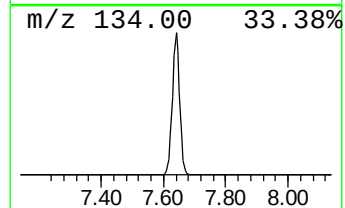
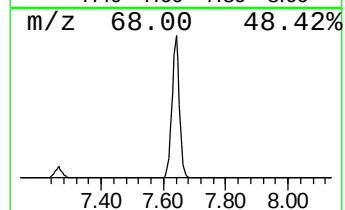
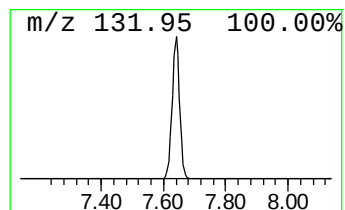
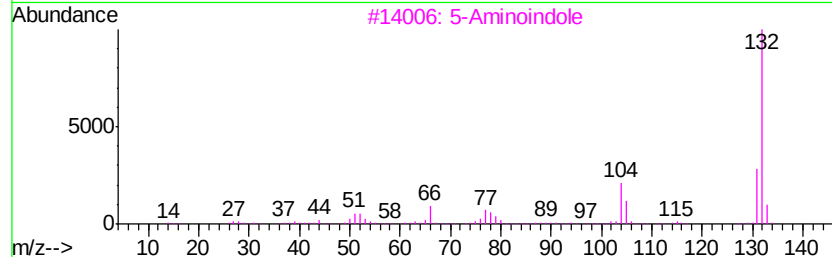
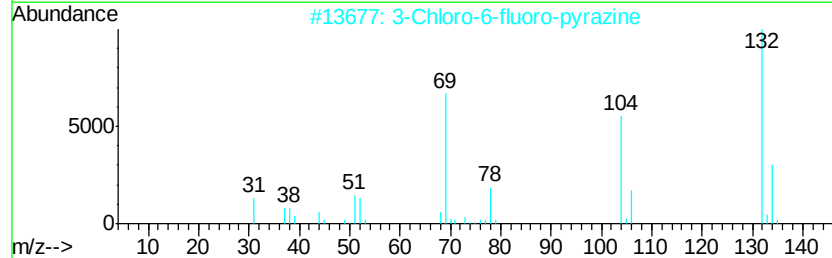
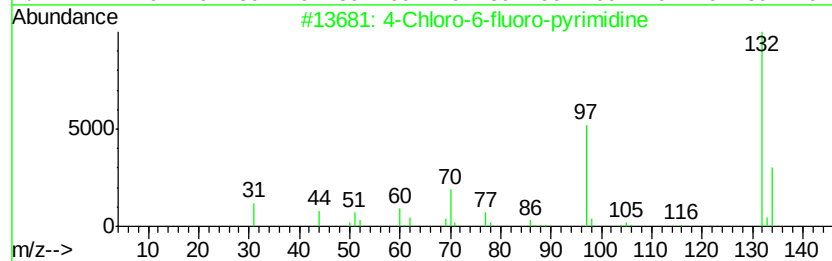
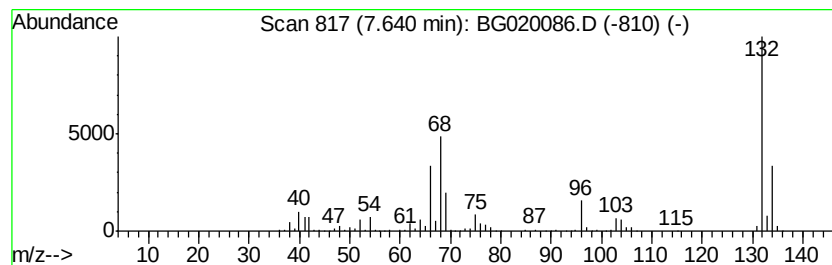
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	125.86 ng	773981	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17



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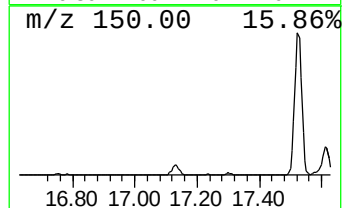
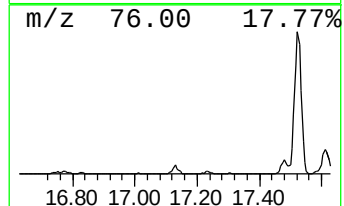
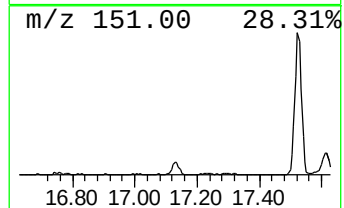
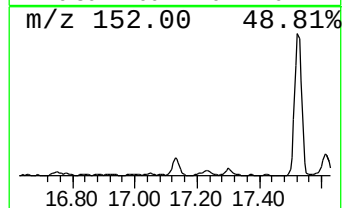
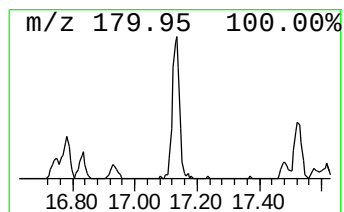
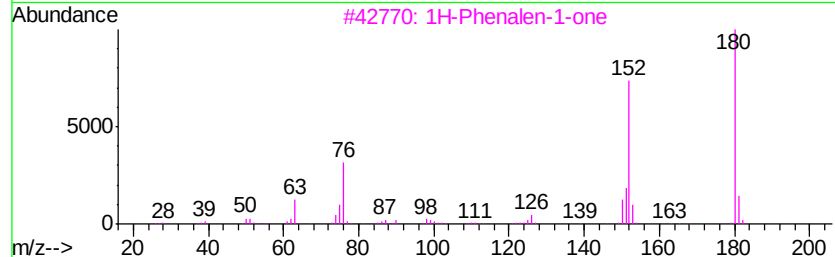
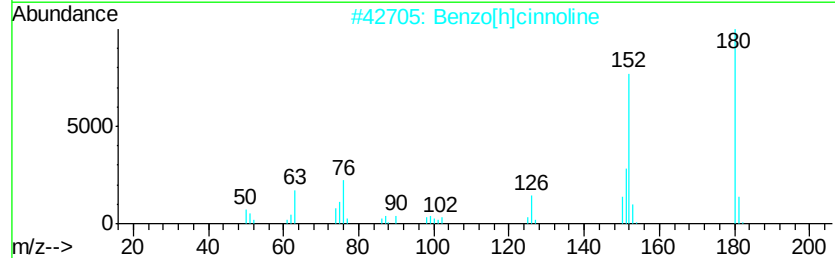
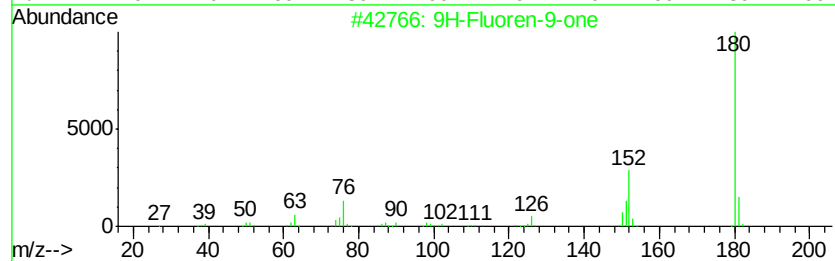
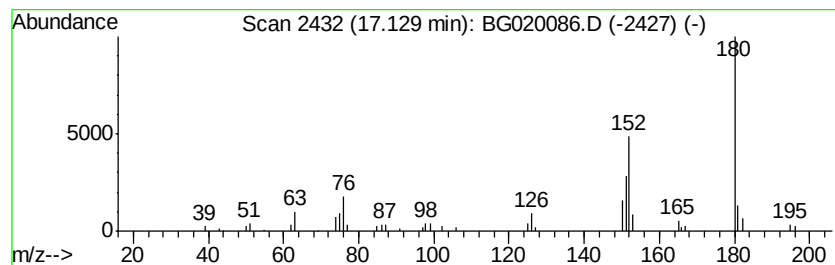
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	2.71 ng	47376	Phenanthrene-d10	17.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
4		6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	64
5		o-Phenanthroline	180	C12H8N2	000066-71-7	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020086.D
Acq On : 10 Dec 2015 21:51
Operator : UM/SJ
Sample : G4683-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S1-14.5

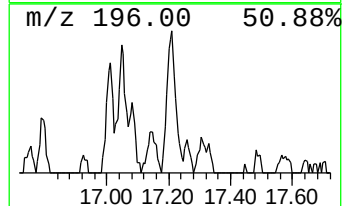
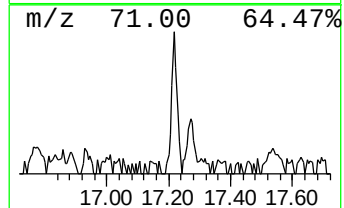
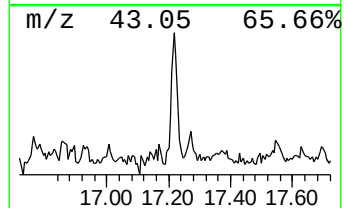
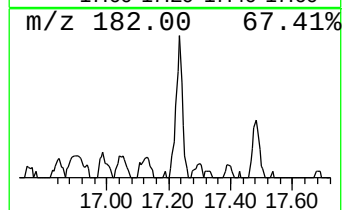
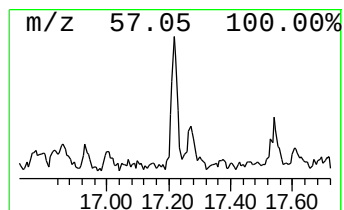
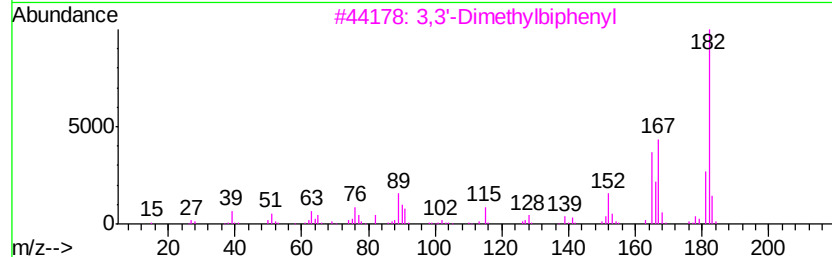
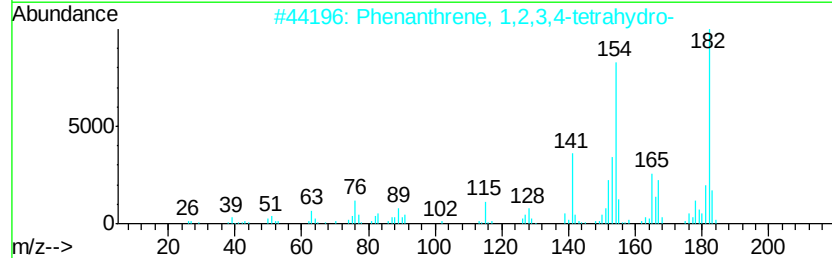
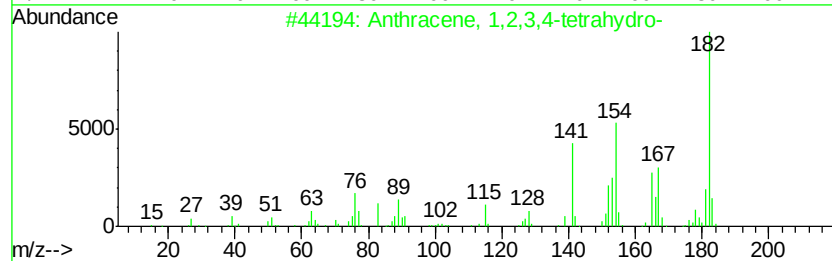
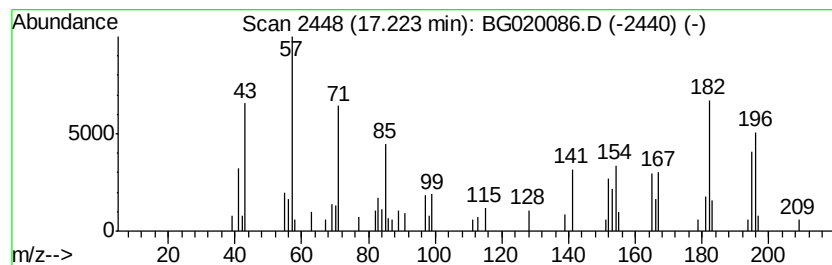
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	3.80 ng	66459	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	50
2		Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	42
3		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	25
4		Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	25
5		Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
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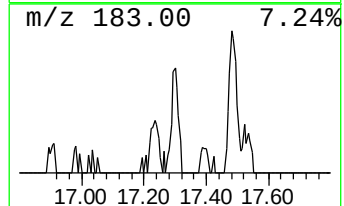
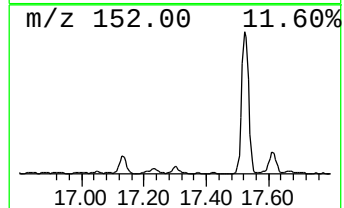
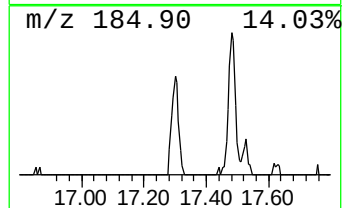
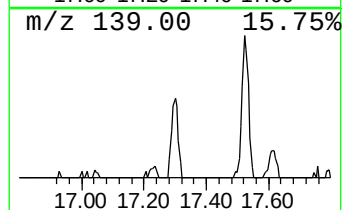
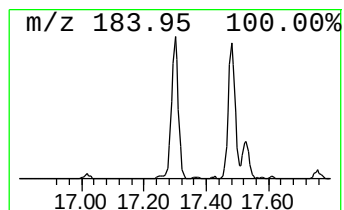
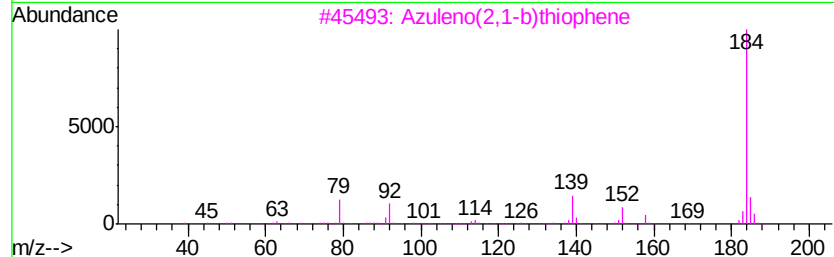
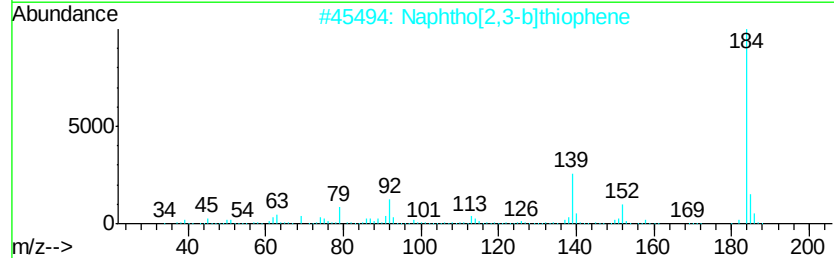
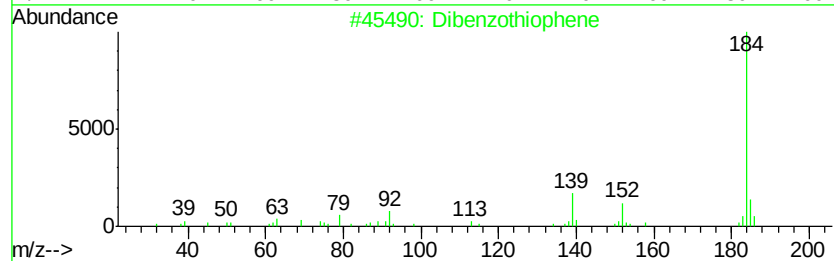
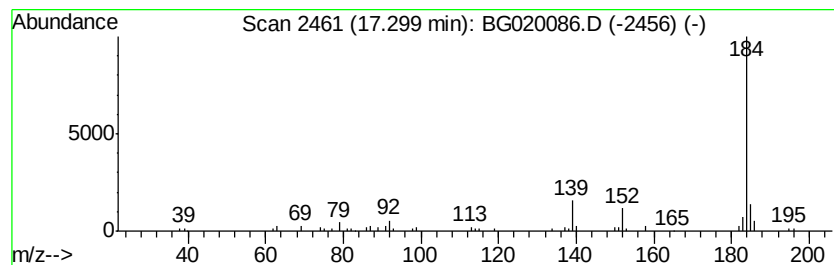
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	3.04 ng	53165	Phenanthrene-d10	17.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	93
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4		Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	64
5		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020086.D
Acq On : 10 Dec 2015 21:51
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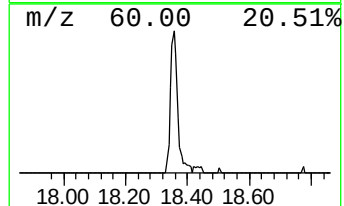
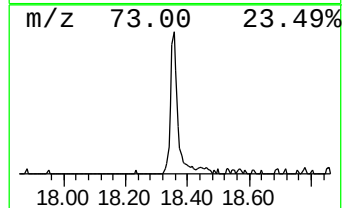
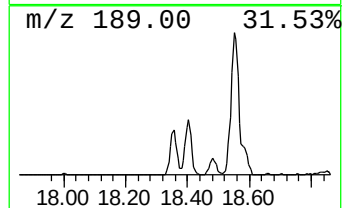
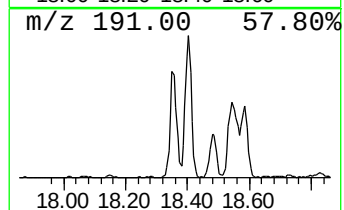
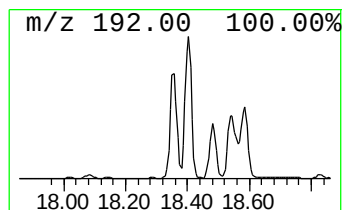
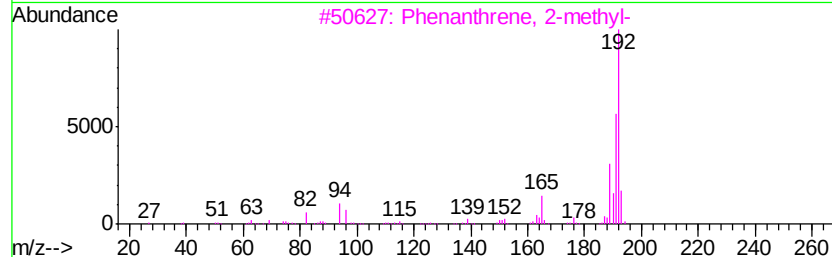
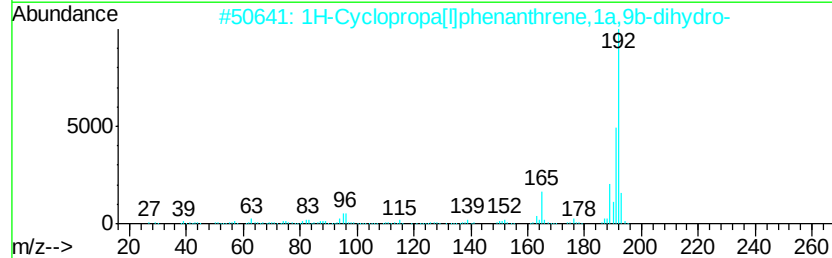
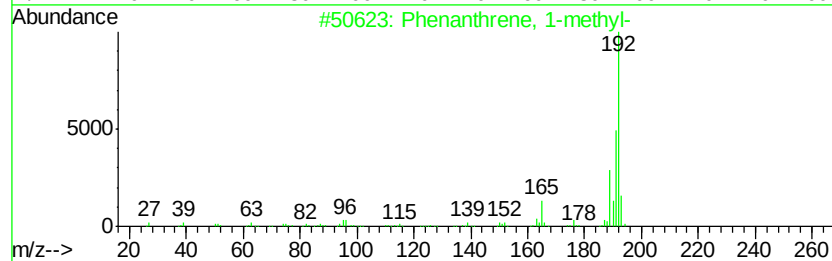
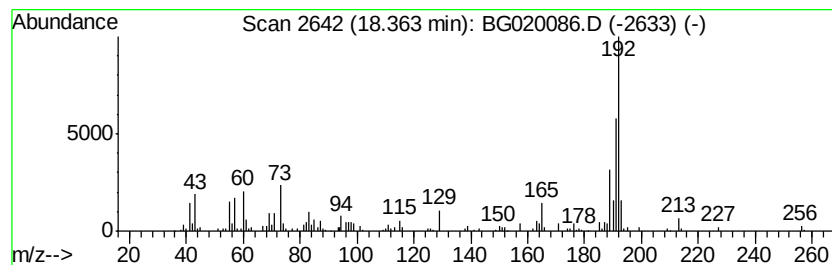
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	12.45 ng	217767	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		Naphtho[2,3-b]norborene	192	C15H12	107426-38-0	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020086.D
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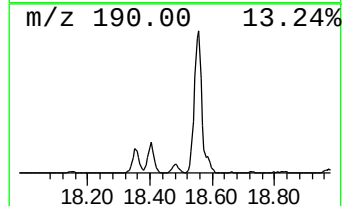
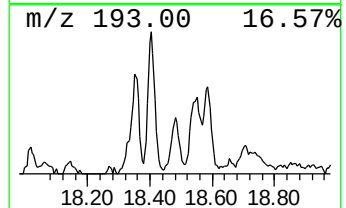
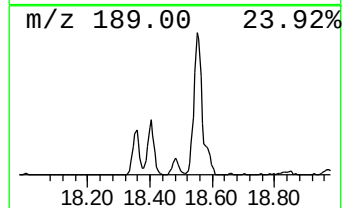
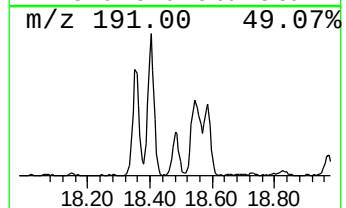
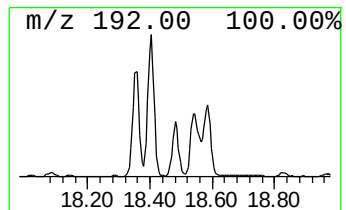
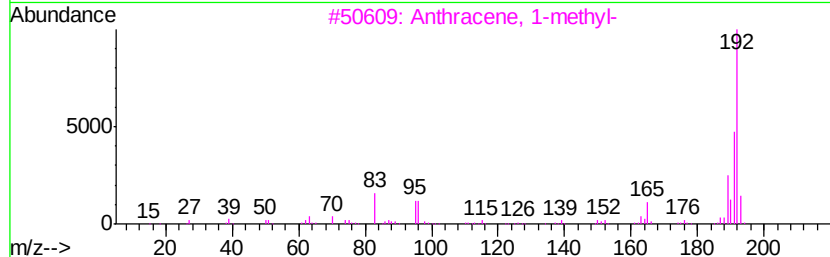
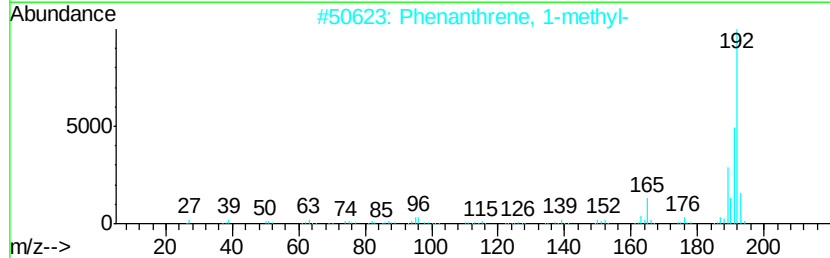
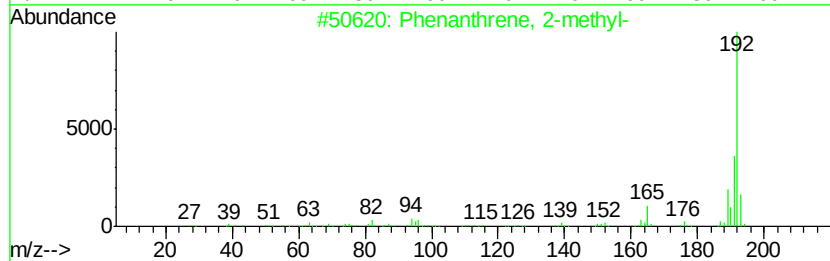
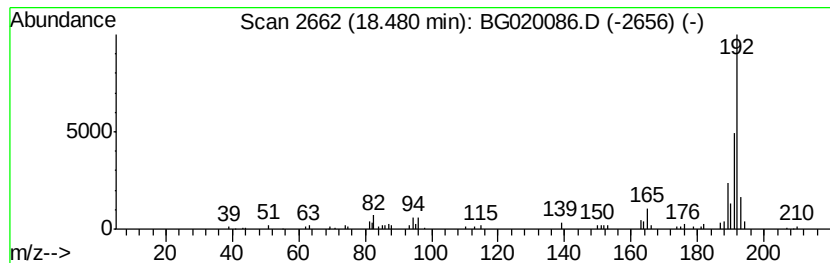
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	3.41 ng	59745	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020086.D
Acq On : 10 Dec 2015 21:51
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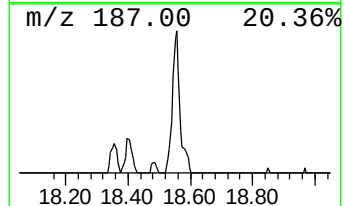
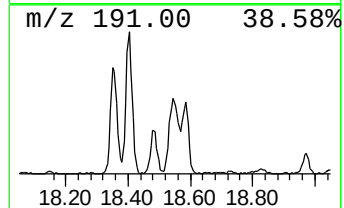
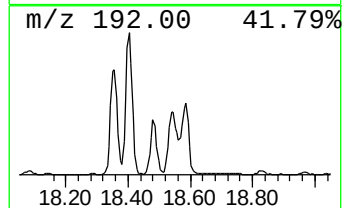
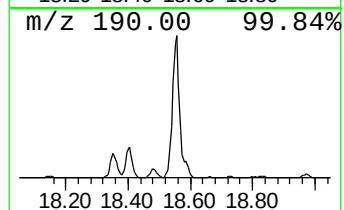
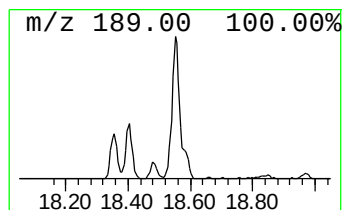
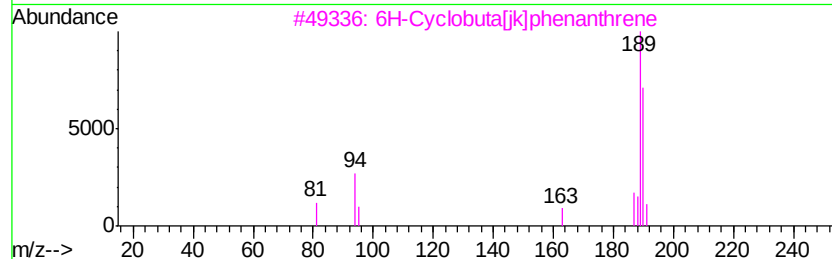
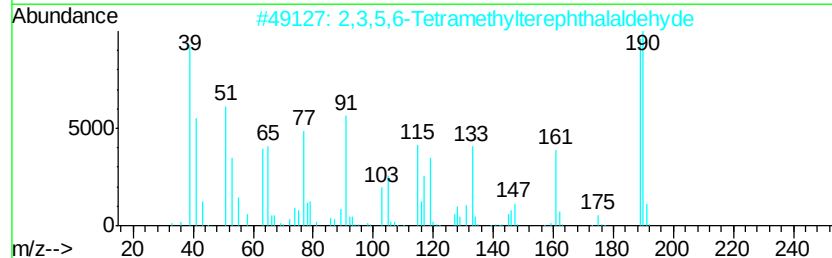
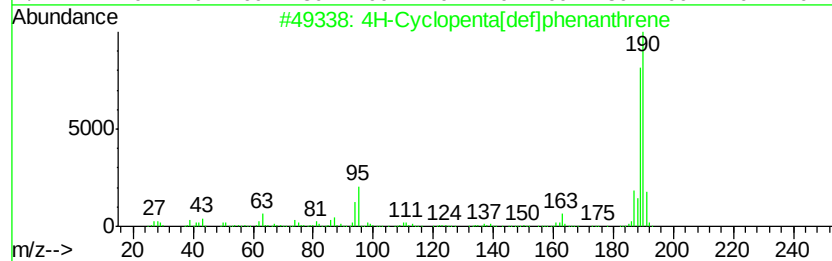
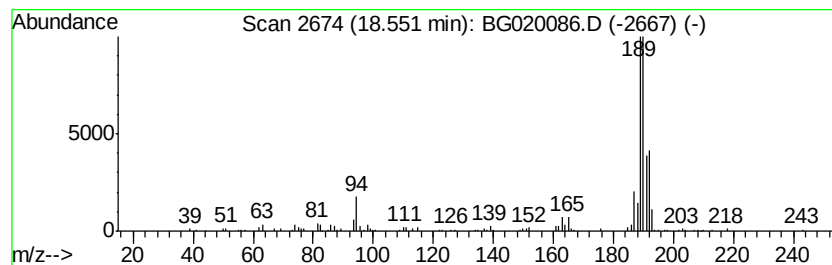
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	13.23 ng	231449	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	42
4		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17
5		Methyl diselenide	190	C2H6Se2	007101-31-7	12



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
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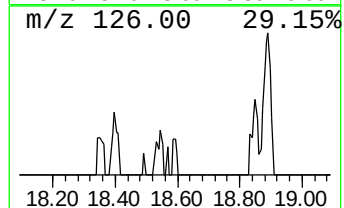
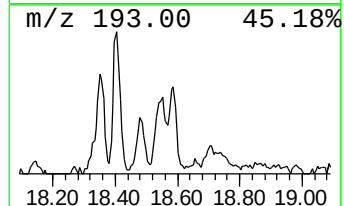
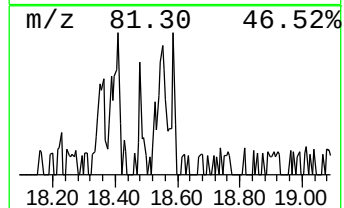
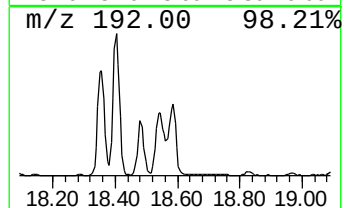
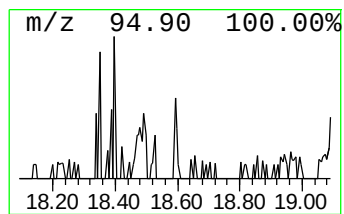
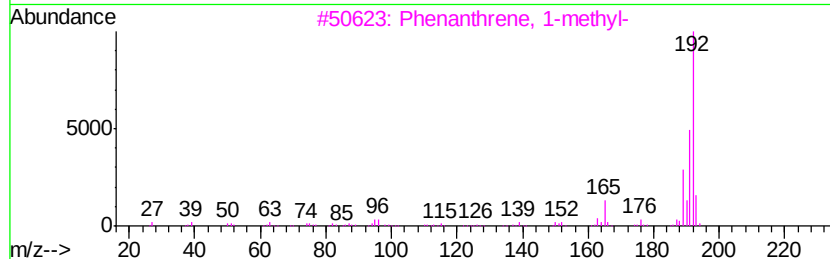
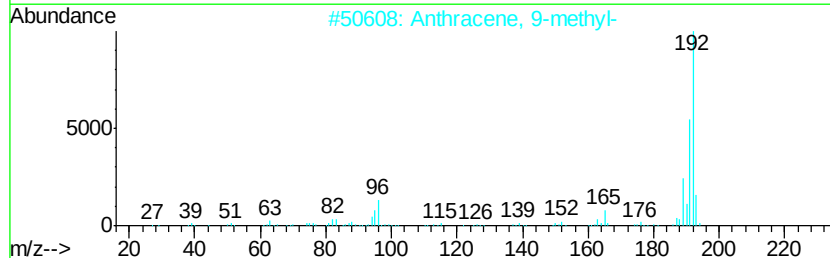
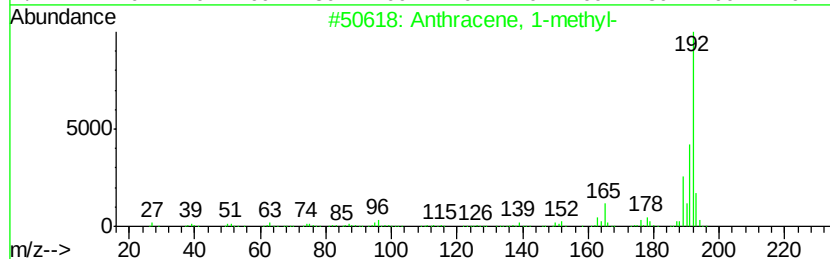
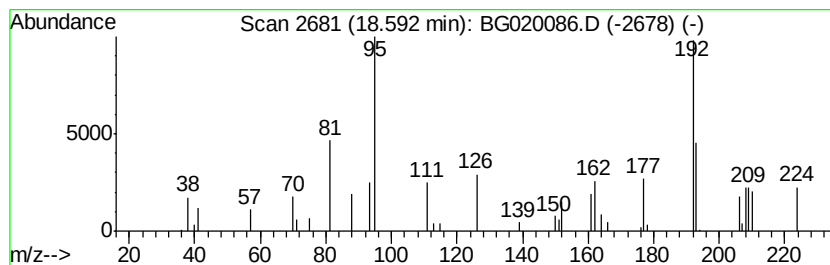
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.59	3.57 ng	62389	Phenanthrene-d10		17.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
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Instrument :
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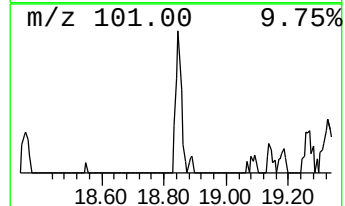
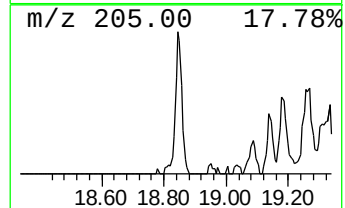
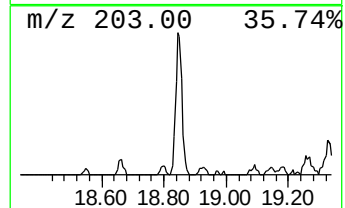
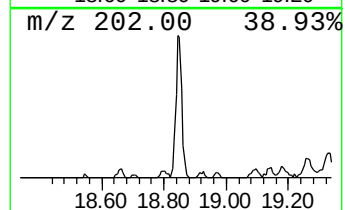
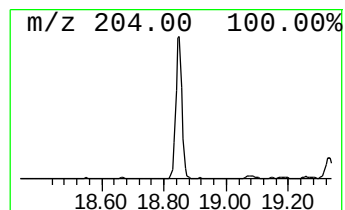
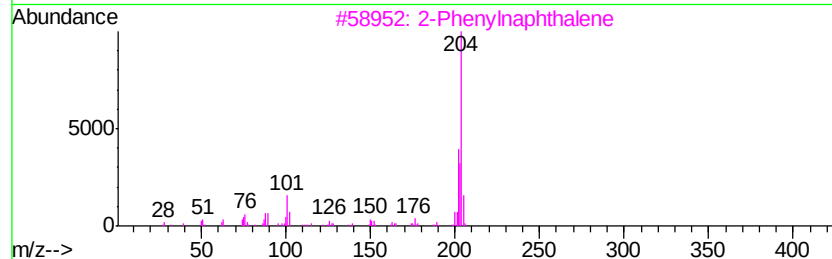
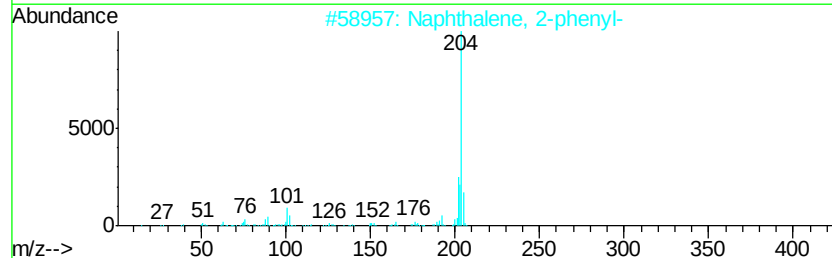
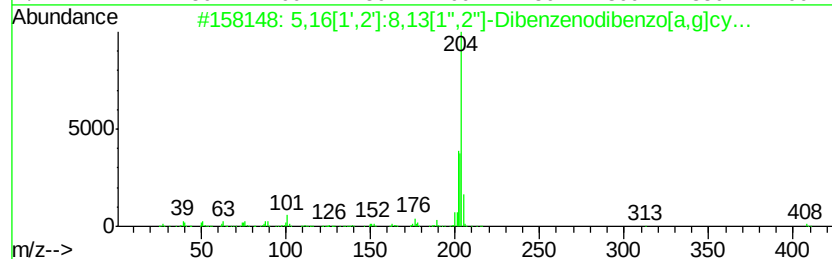
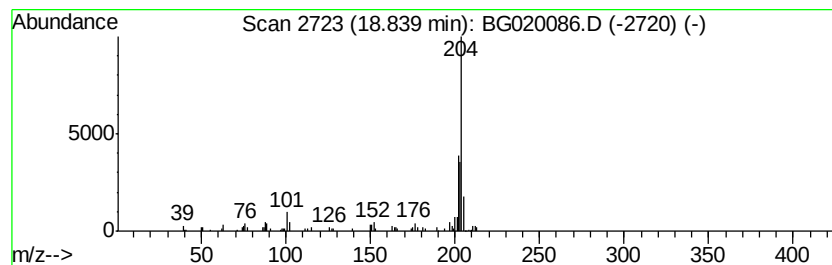
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	5.76 ng	100860	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3		2-Phenylnaphthalene	204	C16H12	035465-71-5	70
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020086.D
Acq On : 10 Dec 2015 21:51
Operator : UM/SJ
Sample : G4683-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

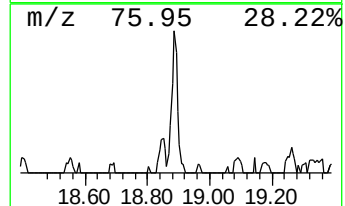
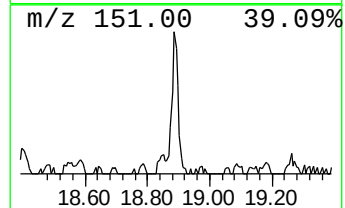
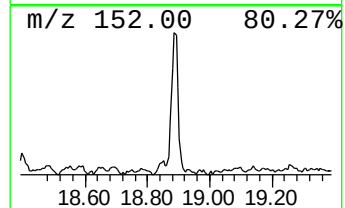
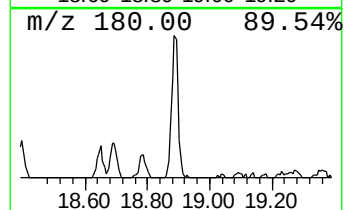
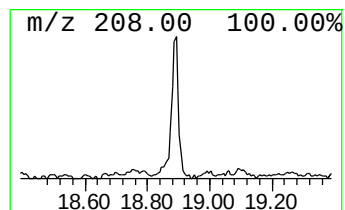
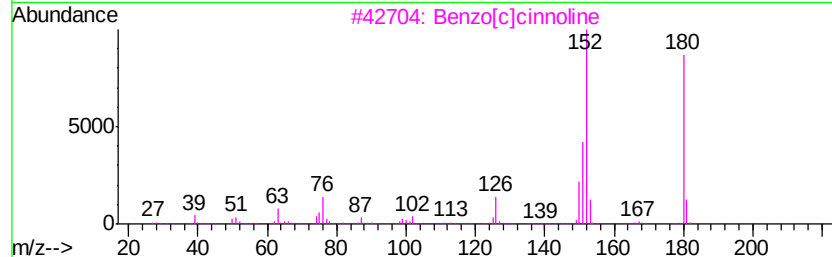
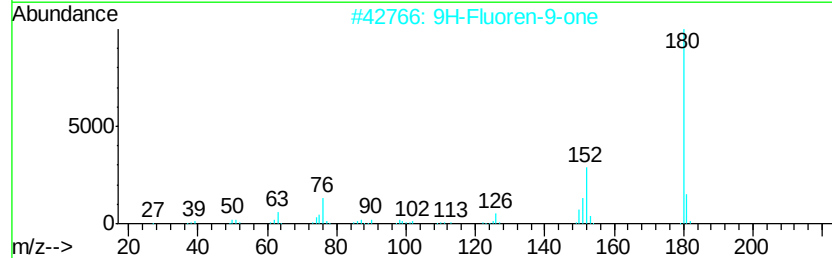
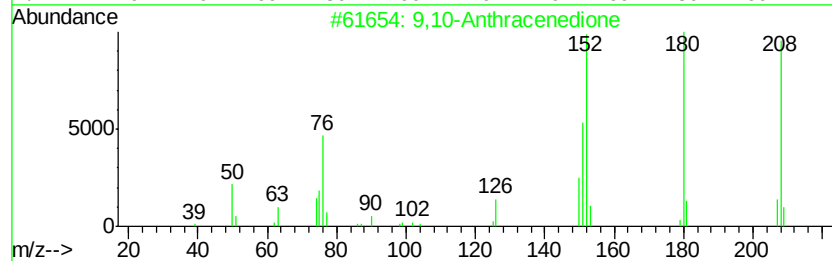
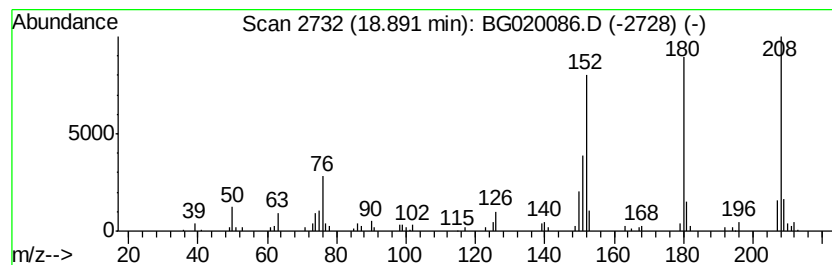
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.89	4.58 ng	80066	Phenanthrene-d10		17.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	58
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020086.D
Acq On : 10 Dec 2015 21:51
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Sample : G4683-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S1-14.5

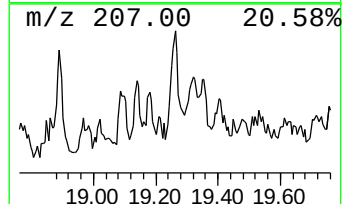
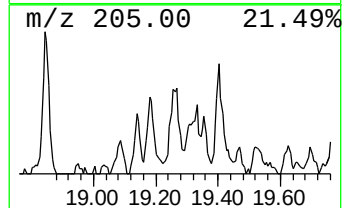
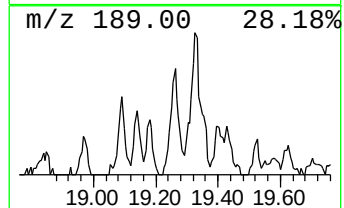
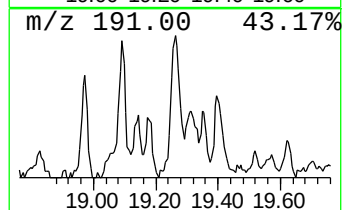
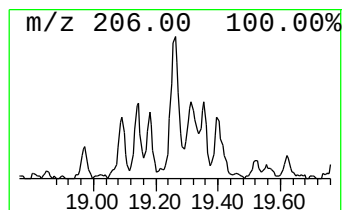
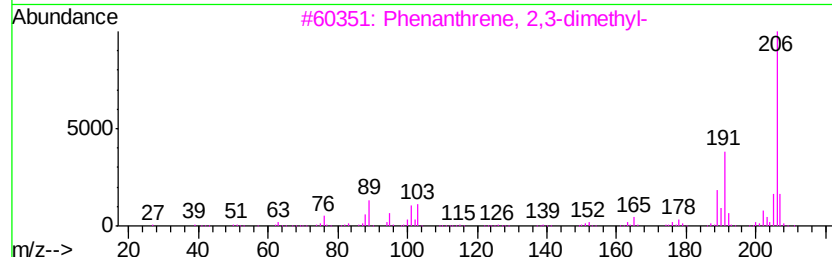
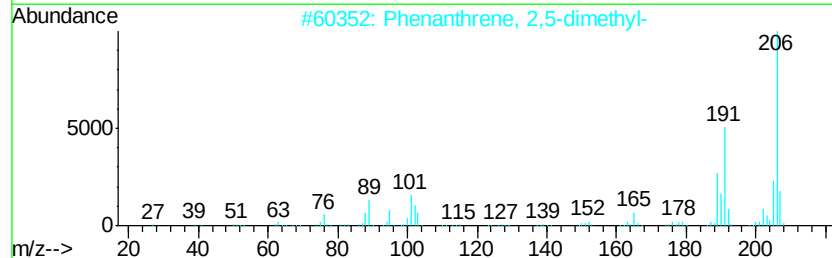
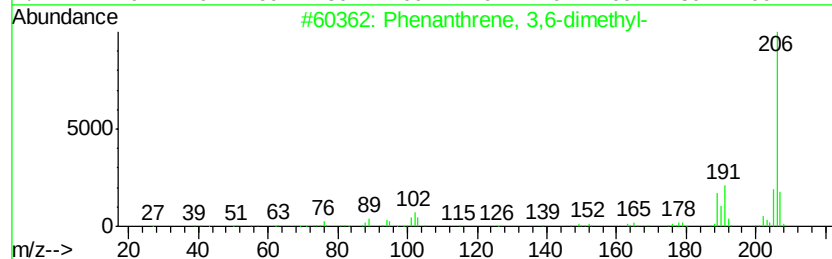
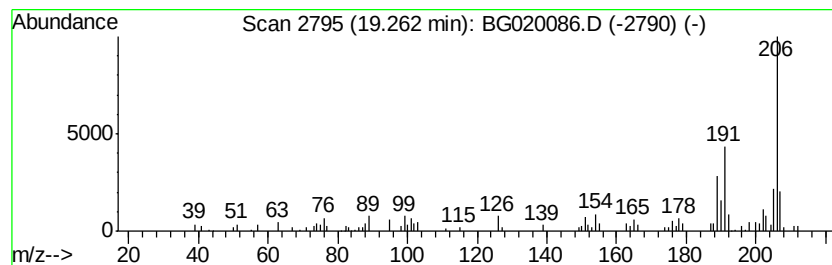
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	4.37 ng	76420	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020086.D
Acq On : 10 Dec 2015 21:51
Operator : UM/SJ
Sample : G4683-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

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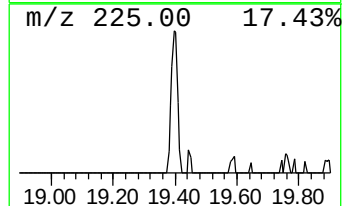
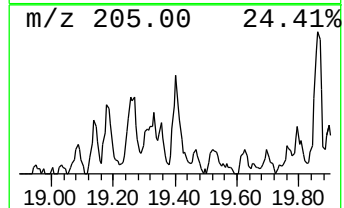
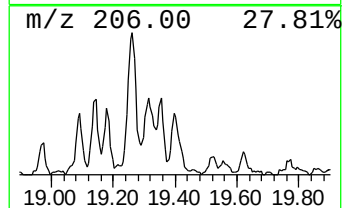
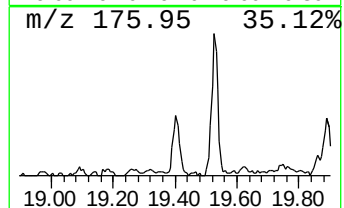
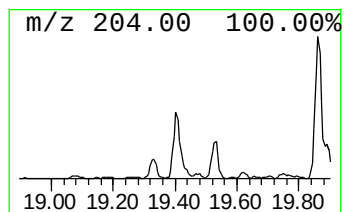
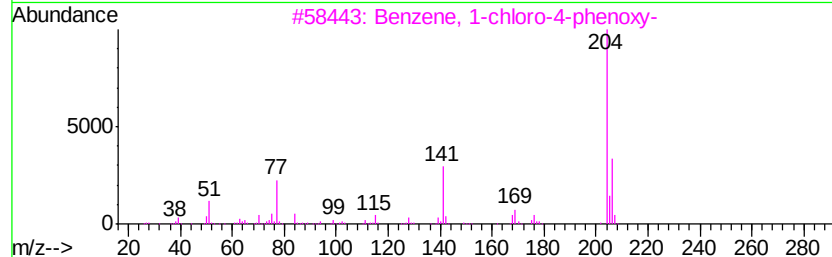
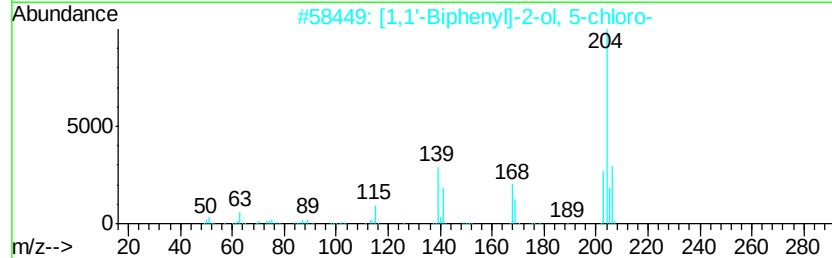
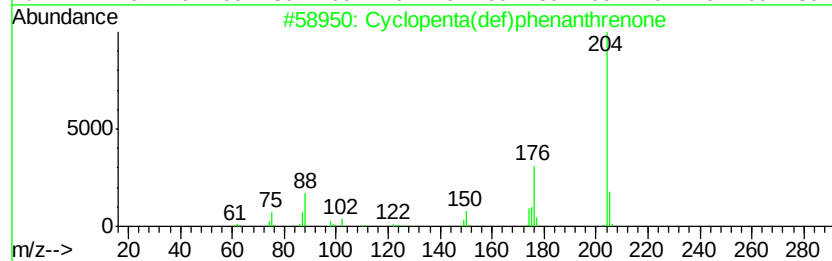
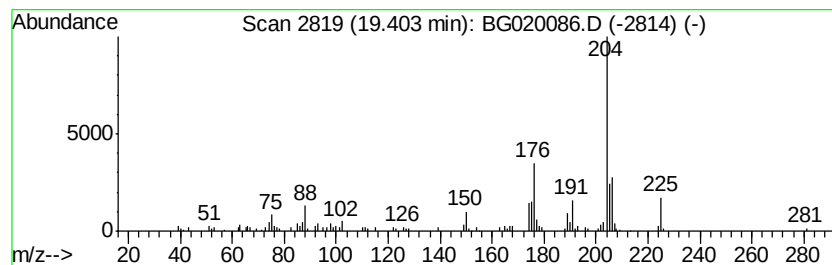
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.40	4.72 ng	82614	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
3		Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46
4		[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	46
5		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020086.D
Acq On : 10 Dec 2015 21:51
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Sample : G4683-13
Misc :
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Instrument :
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ClientSampleId :
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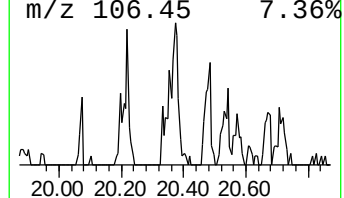
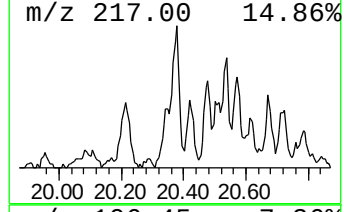
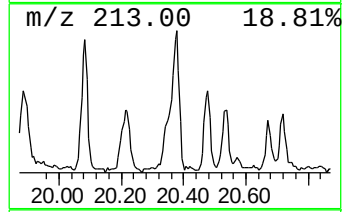
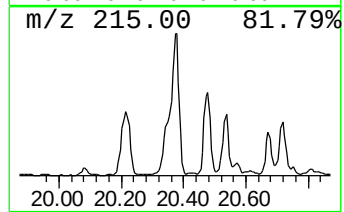
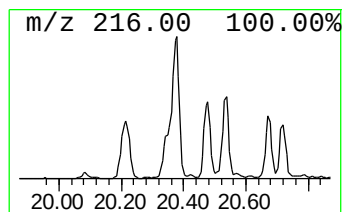
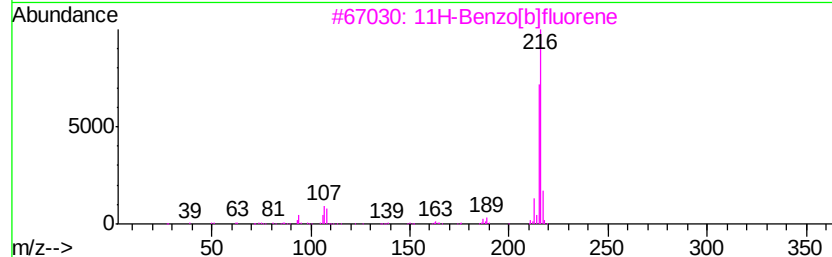
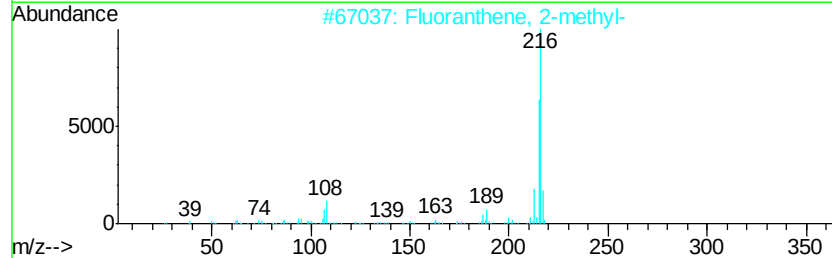
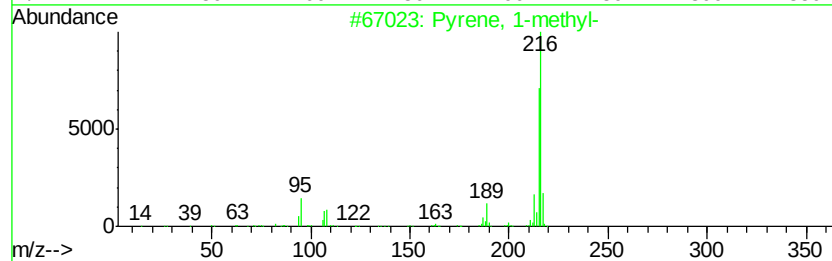
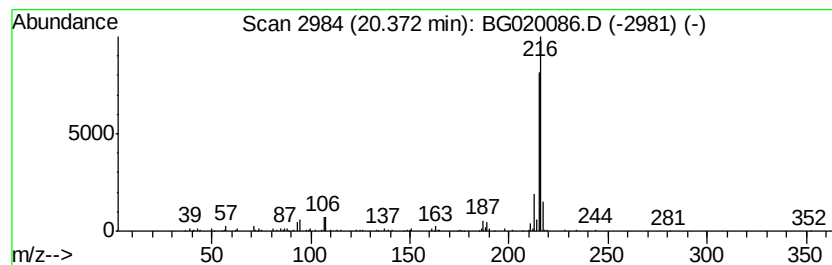
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.58 ng	174217	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5		Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
 Data File : BG020086.D
 Acq On : 10 Dec 2015 21:51
 Operator : UM/SJ
 Sample : G4683-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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
Propane, 2,2-dime...	2.99	451.4	ng	2775700	1	8.11	122994	20.0
2-Pentanone, 4-hy...	5.18	22.9	ng	141112	1	8.11	122994	20.0
unknown7.64	7.64	125.9	ng	773981	1	8.11	122994	20.0
9H-Fluoren-9-one	17.13	2.7	ng	47376	4	17.48	349909	20.0
Anthracene, 1,2,3...	17.22	3.8	ng	66459	4	17.48	349909	20.0
Dibenzothiophene	17.30	3.0	ng	53165	4	17.48	349909	20.0
Phenanthrene, 1-m...	18.36	12.4	ng	217767	4	17.48	349909	20.0
Phenanthrene, 2-m...	18.48	3.4	ng	59745	4	17.48	349909	20.0
4H-Cyclopenta[def...	18.55	13.2	ng	231449	4	17.48	349909	20.0
Anthracene, 1-met...	18.59	3.6	ng	62389	4	17.48	349909	20.0
5,16[1',2']:8,13[...	18.84	5.8	ng	100860	4	17.48	349909	20.0
9,10-Anthracenedione	18.89	4.6	ng	80066	4	17.48	349909	20.0
Phenanthrene, 3,6...	19.26	4.4	ng	76420	4	17.48	349909	20.0
Cyclopenta(def)ph...	19.40	4.7	ng	82614	4	17.48	349909	20.0
Pyrene, 1-methyl-	20.37	2.6	ng	174217	5	21.75	1353090	20.0