

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
 Data File : BG017529.D
 Acq On : 7 Jun 2015 11:40
 Operator : TP/IZ
 Sample : G2457-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-6

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-BG060315.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	2.760	8	12	18	rVB	54170	67990	5.38%	0.351%
2	4.723	341	346	352	rVB2	26590	37947	3.00%	0.196%
3	5.216	424	430	441	rBV	457968	666372	52.71%	3.444%
4	6.291	608	613	617	rVB2	12540	17529	1.39%	0.091%
5	6.832	699	705	717	rBV	483800	753807	59.63%	3.896%
6	7.167	755	762	772	rBV	502382	776558	61.43%	4.013%
7	7.619	832	839	846	rVB	93752	144614	11.44%	0.747%
8	7.937	886	893	900	rBV	341581	539467	42.67%	2.788%
9	8.788	1030	1038	1045	rBV	282193	483444	38.24%	2.499%
10	10.416	1306	1315	1320	rBV	123606	207212	16.39%	1.071%
11	10.463	1320	1323	1333	rVB	33499	53462	4.23%	0.276%
12	12.090	1592	1600	1605	rBV2	16961	26572	2.10%	0.137%
13	12.314	1633	1638	1644	rVB3	14724	22377	1.77%	0.116%
14	12.907	1732	1739	1746	rBV	645292	948831	75.06%	4.904%
15	13.606	1852	1858	1863	rBV3	15024	26520	2.10%	0.137%
16	13.747	1877	1882	1891	rVB	80011	120597	9.54%	0.623%
17	13.847	1891	1899	1902	rBV8	8849	14280	1.13%	0.074%
18	14.012	1918	1927	1934	rBV2	15959	30364	2.40%	0.157%
19	14.288	1965	1974	1980	rBV2	181494	282187	22.32%	1.458%
20	14.353	1980	1985	1993	rVB	60989	86037	6.81%	0.445%
21	14.693	2037	2043	2048	rBV2	39213	59102	4.68%	0.305%
22	15.146	2116	2120	2128	rVB5	11958	23587	1.87%	0.122%
23	15.340	2148	2153	2164	rVB	64770	96019	7.60%	0.496%
24	15.639	2200	2204	2207	rBV2	16274	20436	1.62%	0.106%
25	15.792	2224	2230	2239	rVB	630354	876705	69.35%	4.531%
26	16.015	2263	2268	2269	rBV2	23084	25255	2.00%	0.131%
27	16.133	2284	2288	2294	rBV	25945	39684	3.14%	0.205%
28	16.197	2294	2299	2304	rVB4	20503	38714	3.06%	0.200%
29	16.256	2304	2309	2313	rBV3	22778	35394	2.80%	0.183%
30	16.297	2313	2316	2319	rBV4	15320	17580	1.39%	0.091%
31	16.350	2319	2325	2327	rVV6	15768	21844	1.73%	0.113%
32	16.403	2331	2334	2338	rVB5	19990	25301	2.00%	0.131%
33	16.456	2338	2343	2348	rBV6	26935	51007	4.03%	0.264%
34	16.521	2348	2354	2358	rBV2	20333	29040	2.30%	0.150%

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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.597	2358	2367	2368	rBV6	18951	33192	2.63%	0.172%
36	16.697	2379	2384	2391	rVB	28240	45107	3.57%	0.233%
37	16.785	2393	2399	2400	rVV4	11578	20725	1.64%	0.107%
38	16.803	2400	2402	2406	rVB3	17750	21584	1.71%	0.112%
39	16.861	2406	2412	2415	rBV	38594	53534	4.23%	0.277%
40	17.044	2437	2443	2446	rBV	212485	319530	25.28%	1.651%
41	17.085	2446	2450	2456	rVV	607097	813283	64.34%	4.203%
42	17.143	2456	2460	2461	rVV4	13942	20832	1.65%	0.108%
43	17.173	2461	2465	2471	rVV	132139	178380	14.11%	0.922%
44	17.232	2471	2475	2481	rVV6	19129	33320	2.64%	0.172%
45	17.425	2501	2508	2509	rBV4	16241	24151	1.91%	0.125%
46	17.455	2509	2513	2521	rVV2	54714	91025	7.20%	0.470%
47	17.561	2525	2531	2537	rVB7	15250	34410	2.72%	0.178%
48	17.625	2537	2542	2545	rBV7	19482	24629	1.95%	0.127%
49	17.719	2552	2558	2563	rBV10	6943	13370	1.06%	0.069%
50	17.919	2585	2592	2595	rBV2	77653	125437	9.92%	0.648%
51	17.966	2595	2600	2609	rVV2	126119	241414	19.10%	1.248%
52	18.048	2609	2614	2619	rVV	44267	62659	4.96%	0.324%
53	18.113	2619	2625	2629	rVV2	111366	203261	16.08%	1.050%
54	18.148	2629	2631	2639	rVB	57004	75287	5.96%	0.389%
55	18.236	2639	2646	2649	rBV7	19202	28211	2.23%	0.146%
56	18.424	2674	2678	2682	rBV	57999	80777	6.39%	0.417%
57	18.471	2682	2686	2690	rVB	57194	75384	5.96%	0.390%
58	18.554	2697	2700	2705	rVB7	11369	14888	1.18%	0.077%
59	18.671	2716	2720	2724	rVB5	25684	36450	2.88%	0.188%
60	18.724	2726	2729	2732	rVV2	21879	24067	1.90%	0.124%
61	18.765	2732	2736	2740	rVB3	20571	26555	2.10%	0.137%
62	18.841	2745	2749	2755	rBV3	48669	100801	7.97%	0.521%
63	18.941	2764	2766	2769	rVB3	20228	17061	1.35%	0.088%
64	18.988	2769	2774	2779	rBV2	49661	82801	6.55%	0.428%
65	19.112	2787	2795	2801	rBV	922481	1196093	94.62%	6.182%
66	19.212	2809	2812	2814	rBV4	18237	21855	1.73%	0.113%
67	19.353	2834	2836	2839	rVB	25093	24680	1.95%	0.128%
68	19.447	2847	2852	2853	rBV	146665	188767	14.93%	0.976%
69	19.476	2853	2857	2865	rVV	771854	1101601	87.14%	5.693%
70	19.546	2865	2869	2875	rVB4	48533	79816	6.31%	0.413%
71	19.682	2883	2892	2896	rBV	1018739	1264131	100.00%	6.533%

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ClientSampleId :
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72	19.717	2896	2898	2903	rVB	52134	61914	4.90%	0.320%
73	19.805	2907	2913	2919	rBV3	50688	132016	10.44%	0.682%
74	19.934	2931	2935	2937	rBV5	43272	66716	5.28%	0.345%
75	19.969	2938	2941	2946	rVB2	103204	148606	11.76%	0.768%
76	20.075	2955	2959	2962	rVB	61478	72780	5.76%	0.376%
77	20.128	2963	2968	2972	rVB4	79325	119655	9.47%	0.618%
78	20.169	2972	2975	2979	rVB3	26825	36953	2.92%	0.191%
79	20.210	2979	2982	2986	rBV6	21645	35359	2.80%	0.183%
80	20.269	2988	2992	2996	rBV2	55204	74644	5.90%	0.386%
81	20.316	2997	3000	3004	rVB	45348	56316	4.45%	0.291%
82	20.422	3016	3018	3025	rVB6	32300	51364	4.06%	0.265%
83	20.716	3065	3068	3076	rVB	74856	106877	8.45%	0.552%
84	20.921	3100	3103	3105	rBV	53092	56197	4.45%	0.290%
85	20.951	3105	3108	3115	rVV4	106413	200855	15.89%	1.038%
86	21.015	3116	3119	3126	rVB2	81737	118152	9.35%	0.611%
87	21.227	3150	3155	3160	rBV2	542034	1042120	82.44%	5.386%
88	21.274	3160	3163	3172	rVB	415455	520362	41.16%	2.689%
89	21.391	3179	3183	3187	rBV	69626	93687	7.41%	0.484%
90	21.720	3237	3239	3244	rBV2	28208	41587	3.29%	0.215%
91	21.785	3247	3250	3253	rVB	87684	100282	7.93%	0.518%
92	21.973	3280	3282	3286	rBV2	34176	50186	3.97%	0.259%
93	22.807	3418	3424	3429	rBV	319276	742881	58.77%	3.839%
94	22.972	3449	3452	3458	rVB	72837	115143	9.11%	0.595%
95	23.283	3500	3505	3512	rVB	184346	360743	28.54%	1.864%
96	23.383	3516	3522	3528	rVB	305297	550141	43.52%	2.843%
97	23.477	3533	3538	3543	rBV	176810	306816	24.27%	1.586%
98	25.757	3919	3926	3937	rVB2	126467	386860	30.60%	1.999%
99	26.456	4041	4045	4057	rVB2	90891	234892	18.58%	1.214%

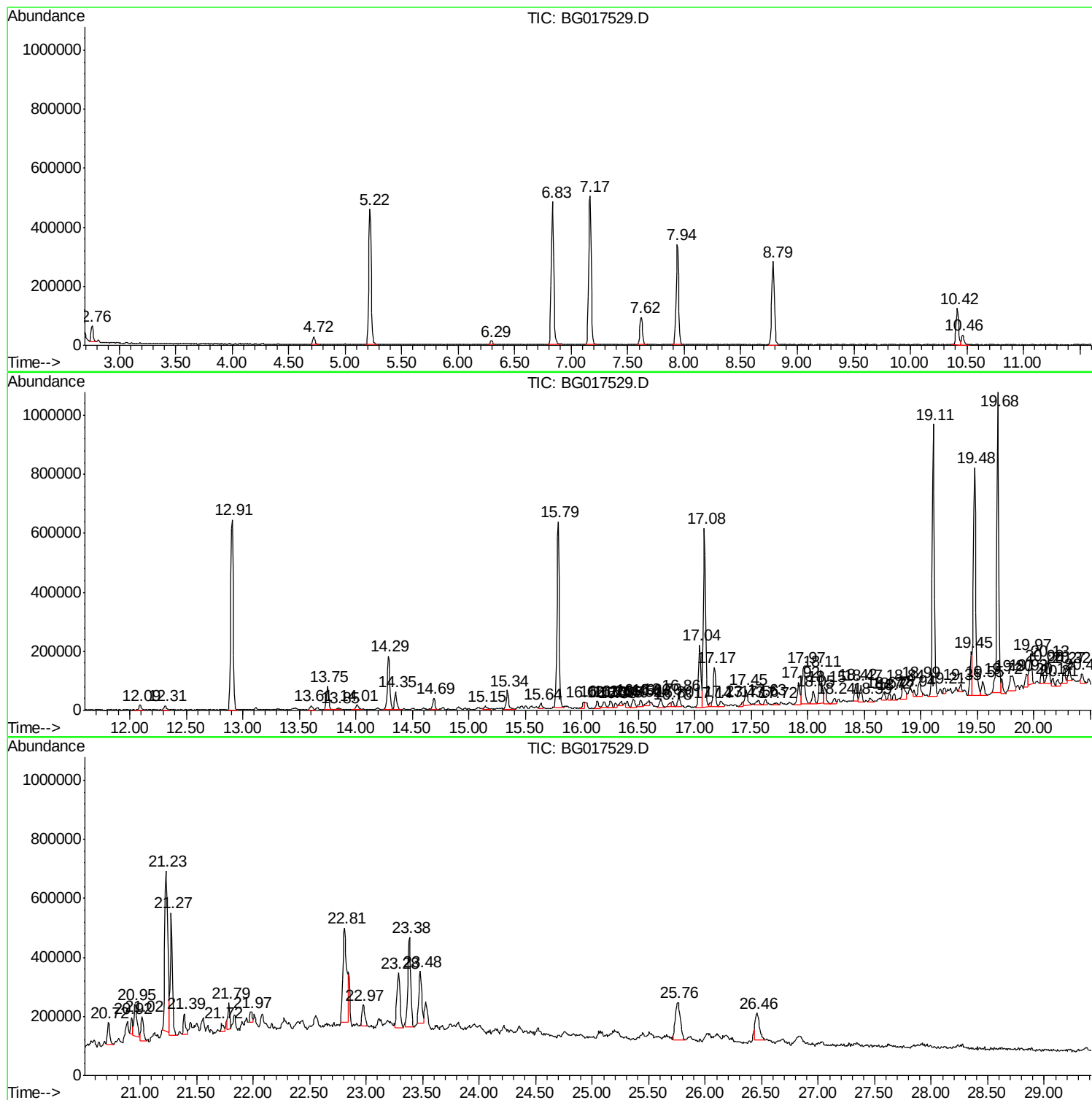
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Instrument :
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ClientSampled :
SP-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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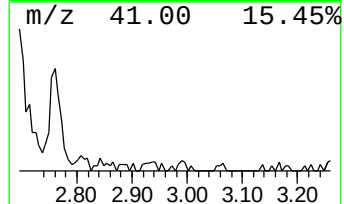
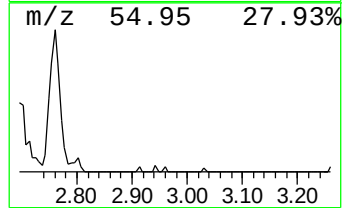
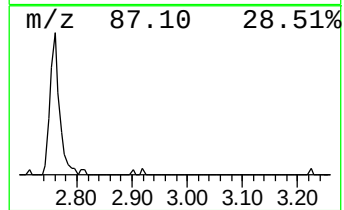
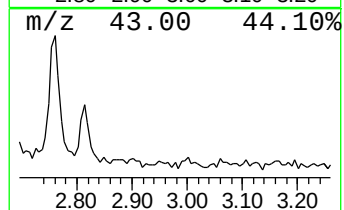
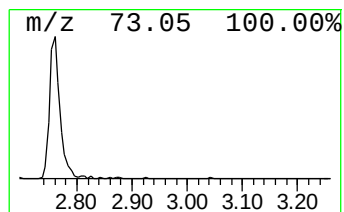
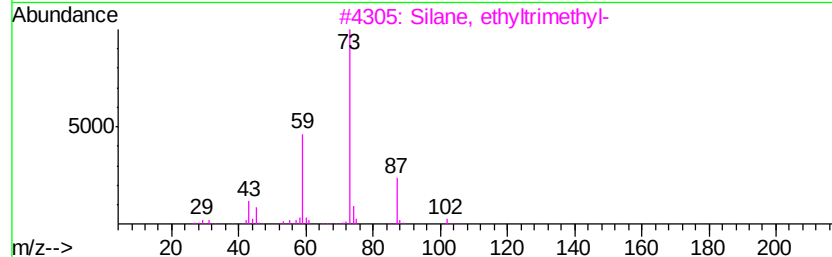
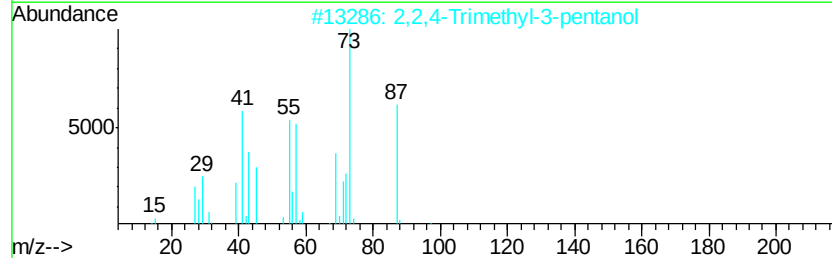
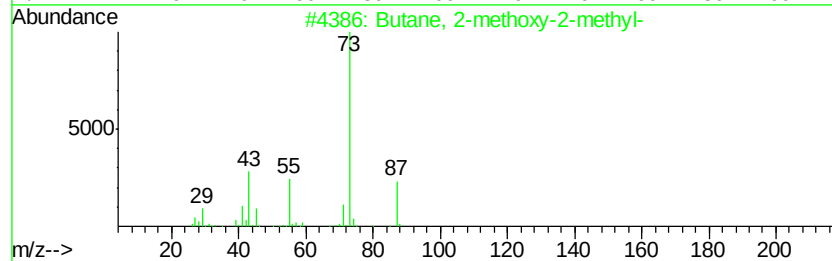
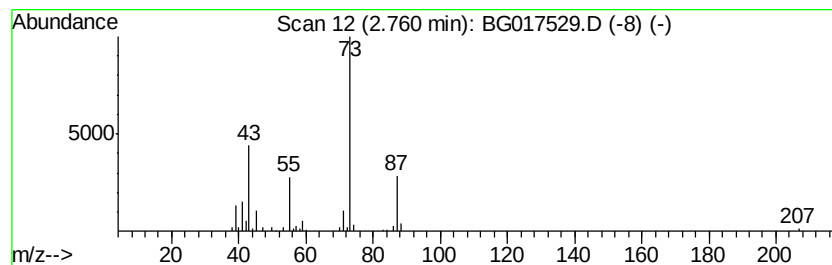
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.76	9.40 ng	67990	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4		Disilane, ethylpentamethyl-	160	C7H20Si2	015063-64-6	28
5		Boronic acid, ethyl-, dimethyl e...	102	C4H11B02	007318-82-3	12



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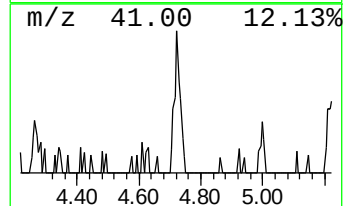
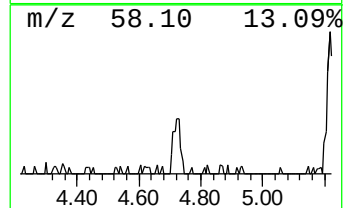
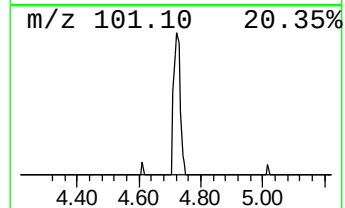
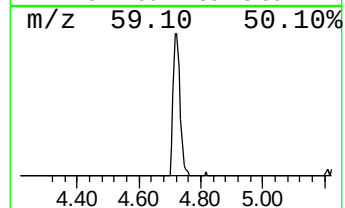
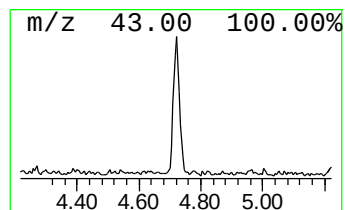
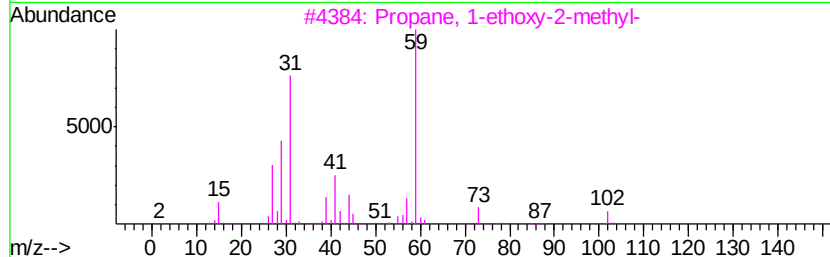
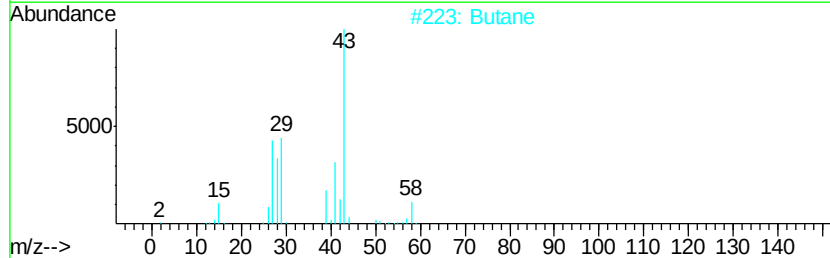
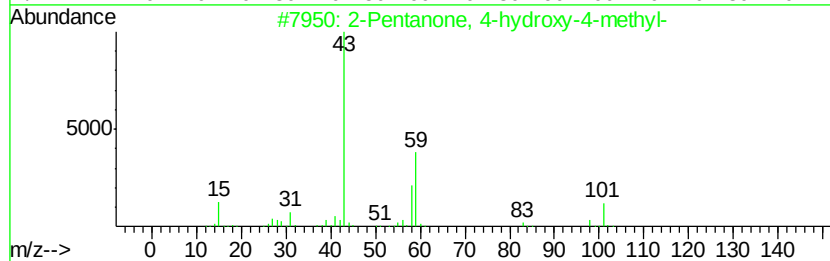
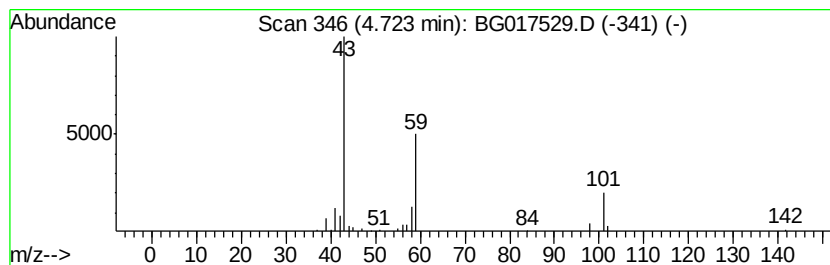
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	5.25 ng	37947	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Butane	58	C4H10	000106-97-8	9
3		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



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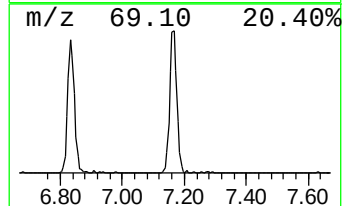
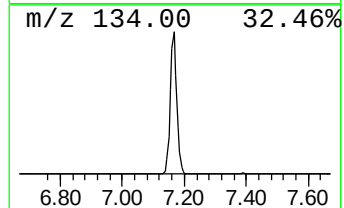
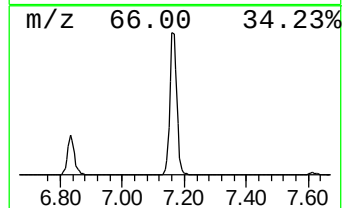
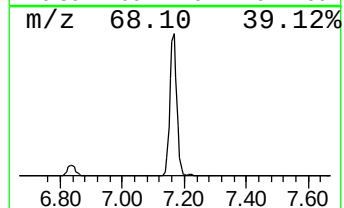
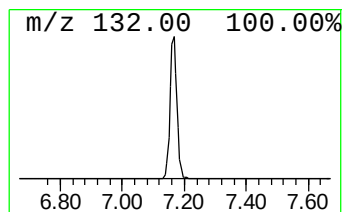
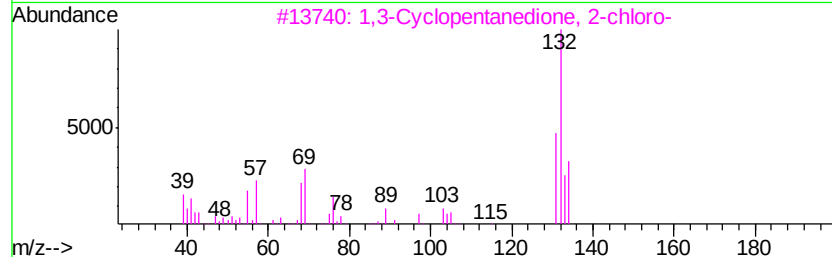
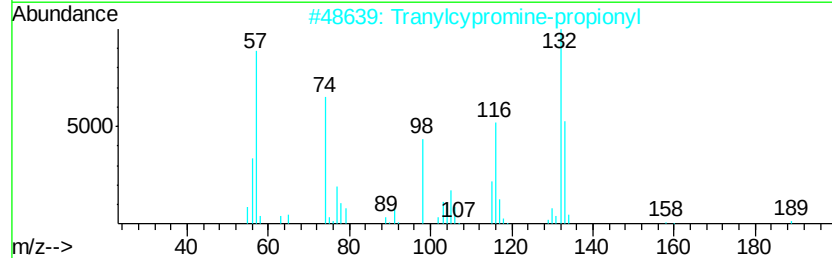
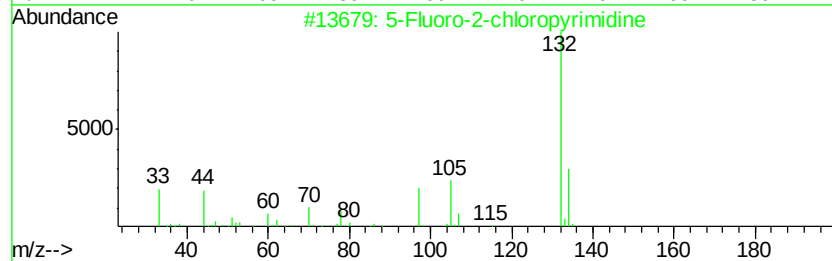
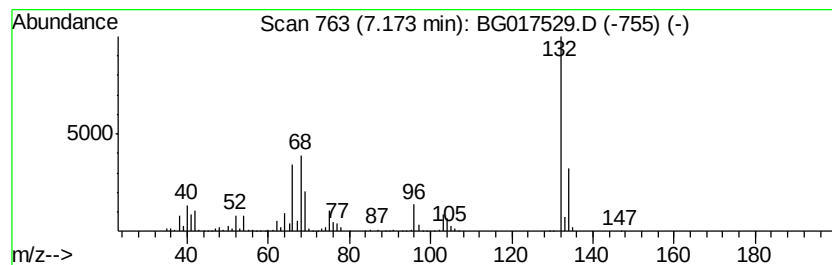
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	107.40 ng	776558	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	20
4		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	16
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	12



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017529.D
Acq On : 7 Jun 2015 11:40
Operator : TP/IZ
Sample : G2457-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

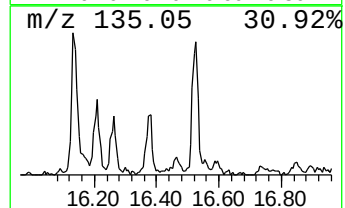
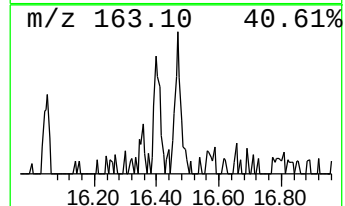
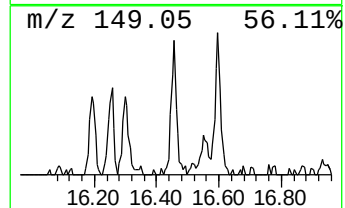
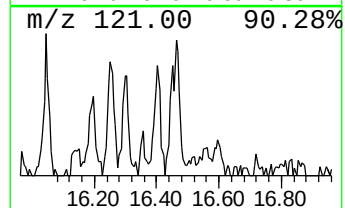
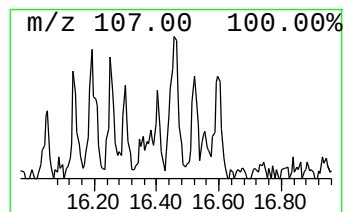
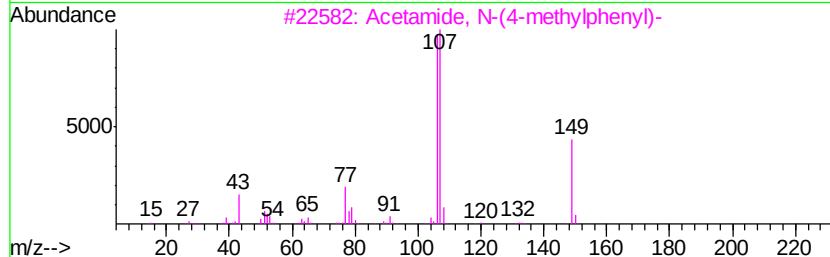
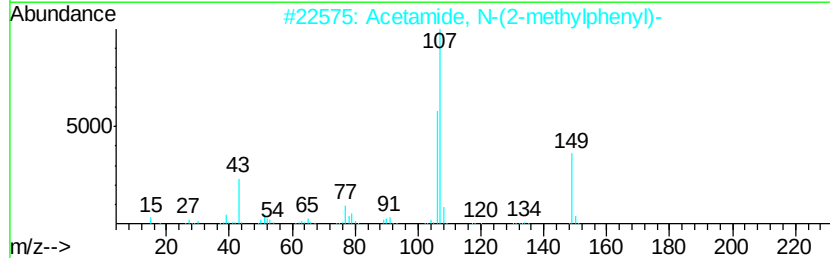
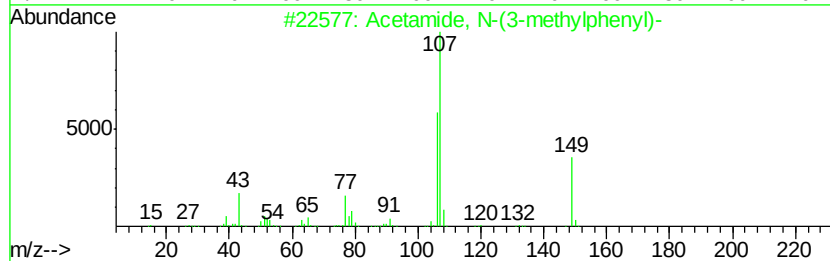
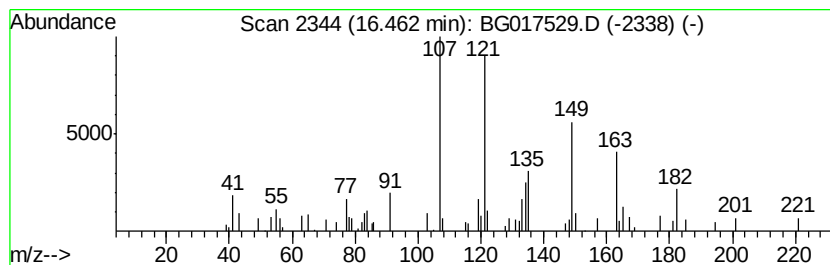
Instrument :
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ClientSampled :
SP-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown16.46 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	3.19 ng	51007	Phenanthrene-d10	17.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Acetamide, N-(3-methylphenyl)-	149 C9H11NO	000537-92-8 49
2		Acetamide, N-(2-methylphenyl)-	149 C9H11NO	000120-66-1 47
3		Acetamide, N-(4-methylphenyl)-	149 C9H11NO	000103-89-9 35
4		3-Hydroxy-4-methyl-1,3-dihydro-i...	163 C9H9NO2	1000274-99-7 35
5		Benzeneacetic acid, 4-ethoxy-	180 C10H12O3	004919-33-9 27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017529.D
Acq On : 7 Jun 2015 11:40
Operator : TP/IZ
Sample : G2457-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-6

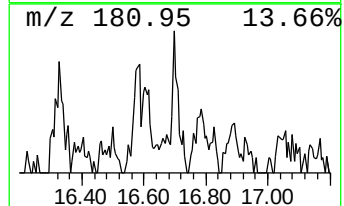
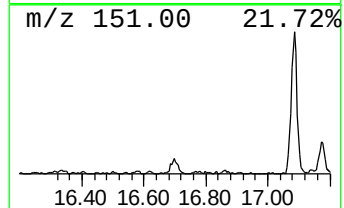
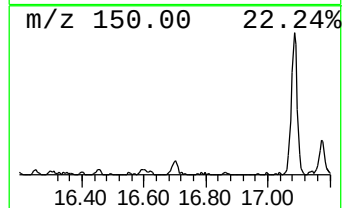
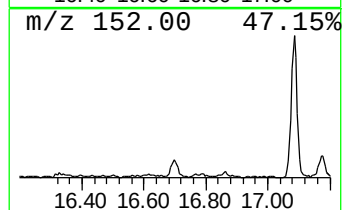
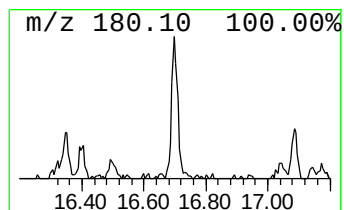
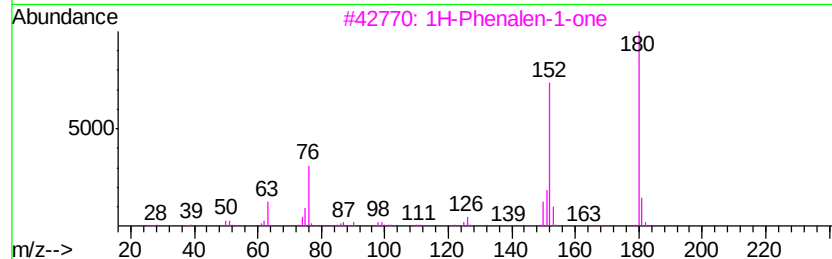
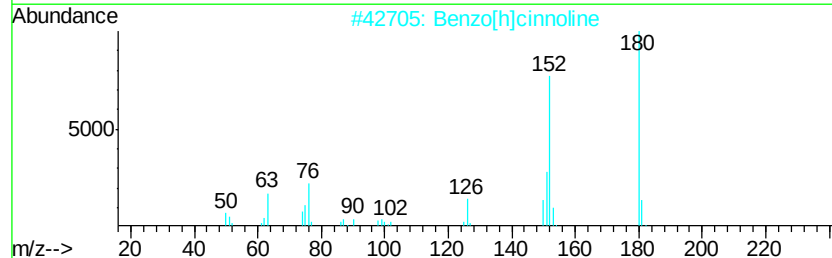
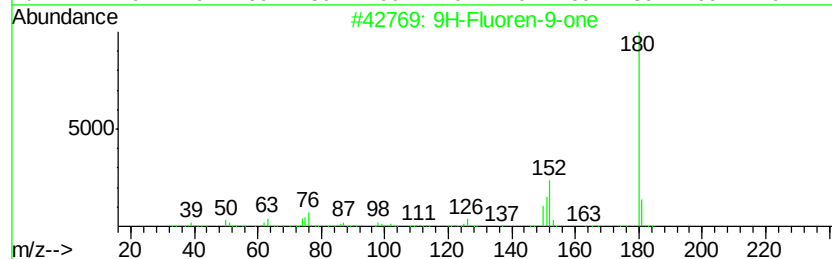
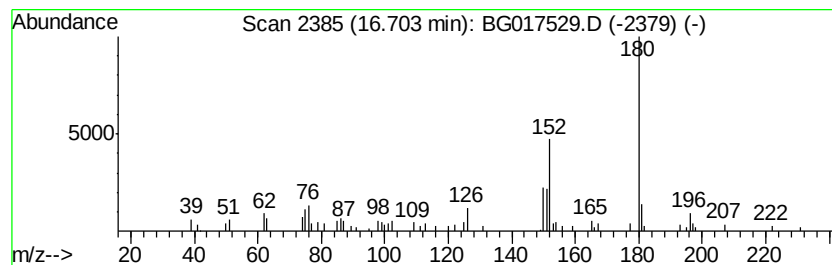
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.82 ng	45107	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	72
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
4		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
5		9-Aminofluorene	181	C13H11N	005978-75-6	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017529.D
Acq On : 7 Jun 2015 11:40
Operator : TP/IZ
Sample : G2457-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-6

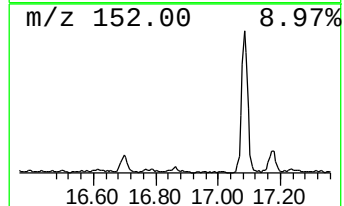
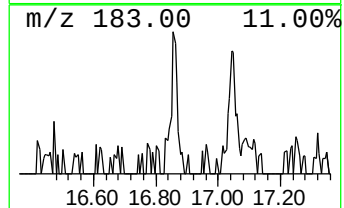
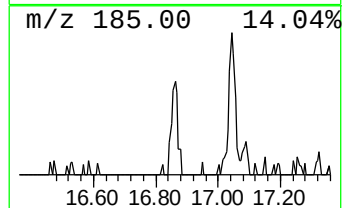
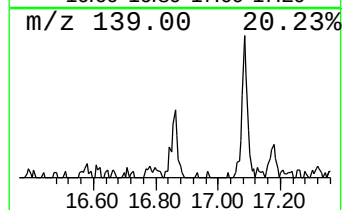
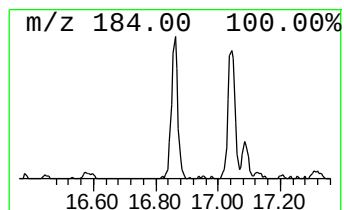
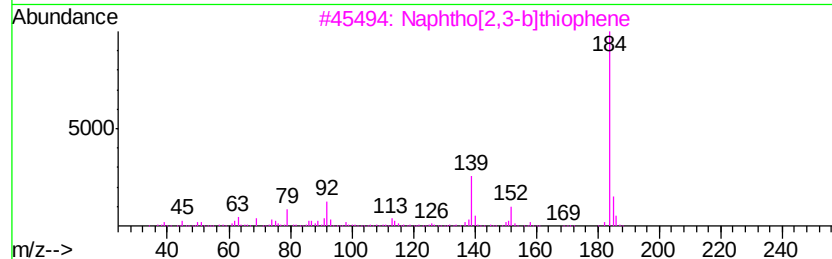
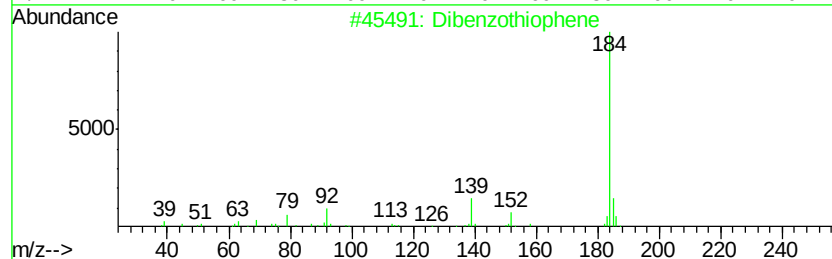
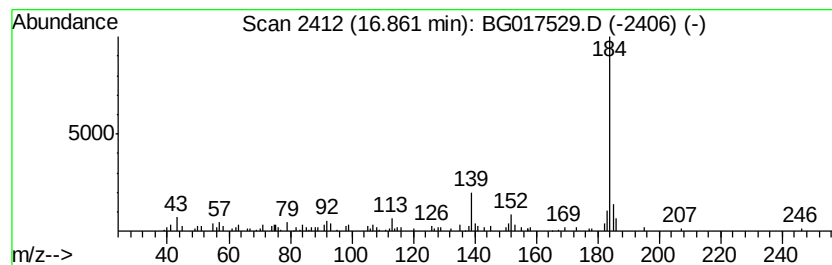
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	3.35 ng	53534	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
4		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	59
5		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017529.D
Acq On : 7 Jun 2015 11:40
Operator : TP/IZ
Sample : G2457-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-6

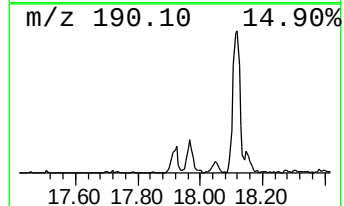
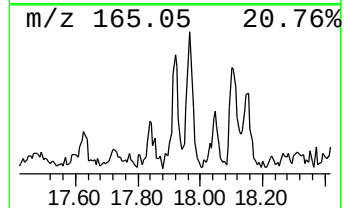
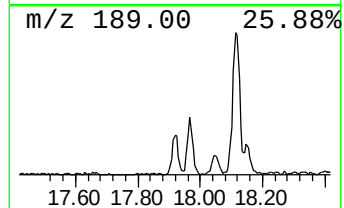
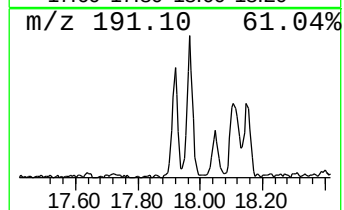
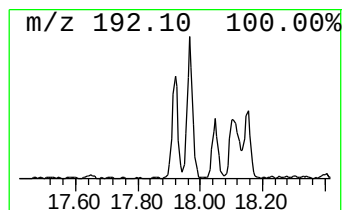
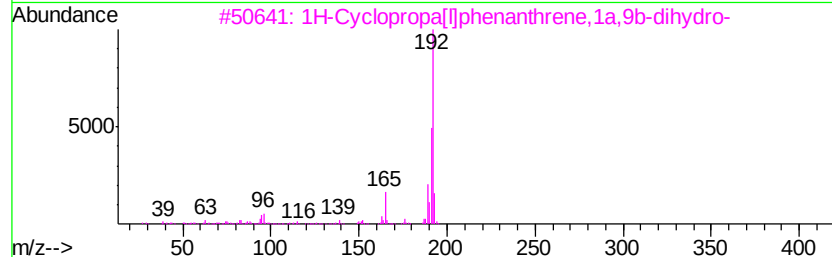
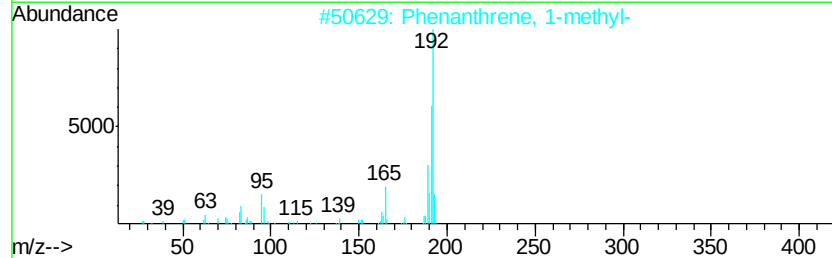
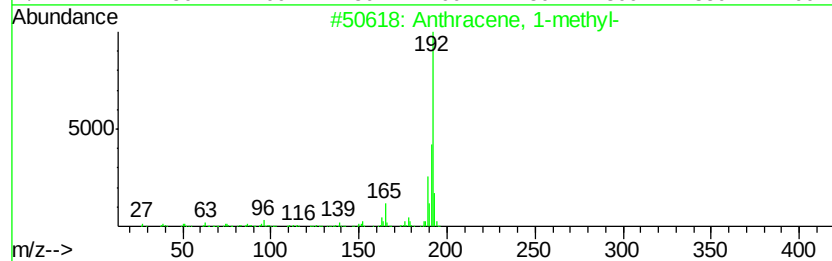
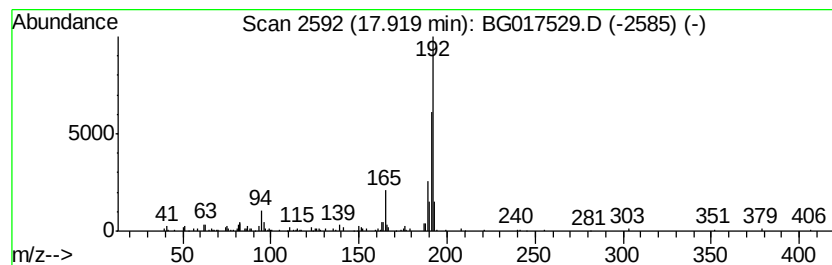
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	7.85 ng	125437	Phenanthrene-d10	17.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	81
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017529.D
Acq On : 7 Jun 2015 11:40
Operator : TP/IZ
Sample : G2457-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

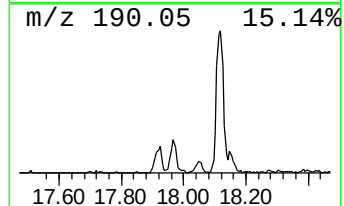
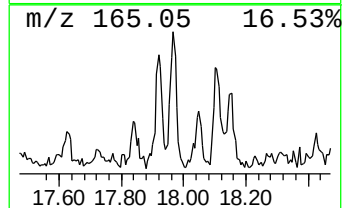
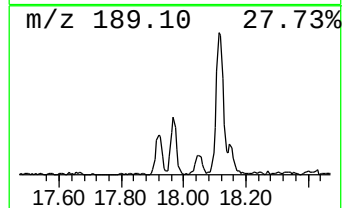
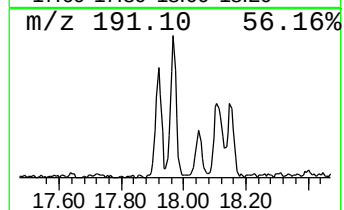
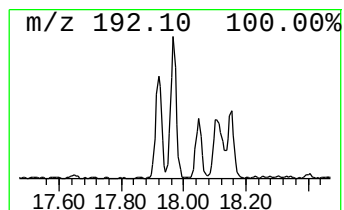
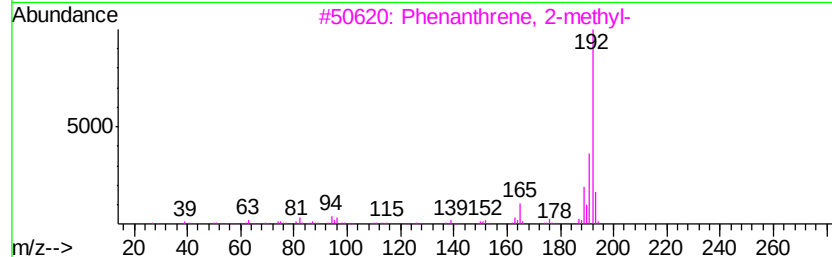
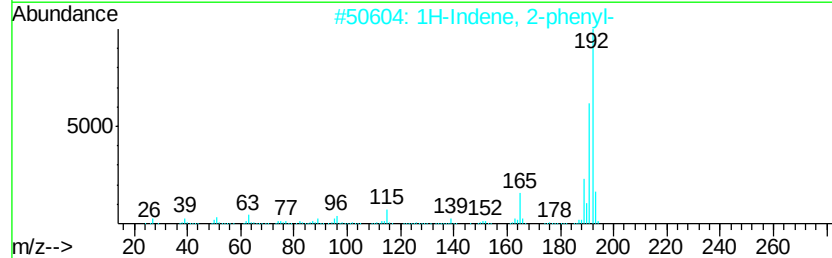
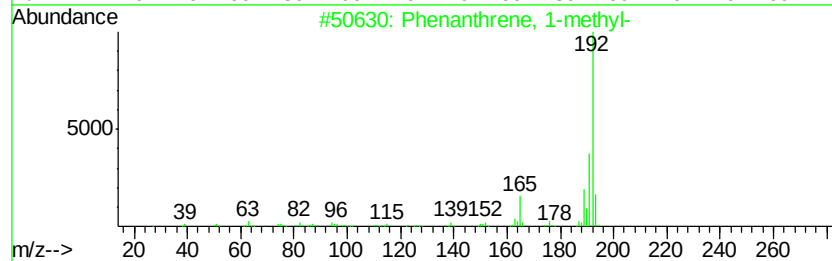
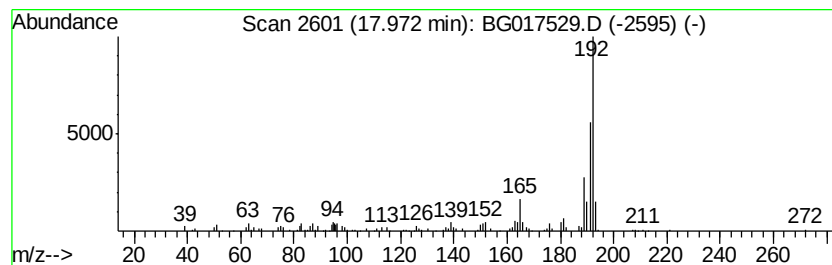
Instrument :
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ClientSampled :
SP-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.97	15.11 ng	241414	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017529.D
Acq On : 7 Jun 2015 11:40
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Sample : G2457-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-6

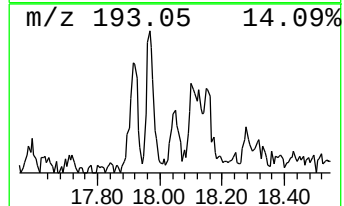
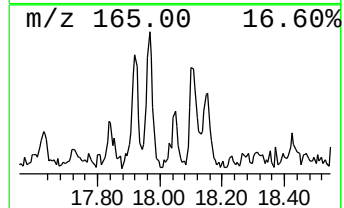
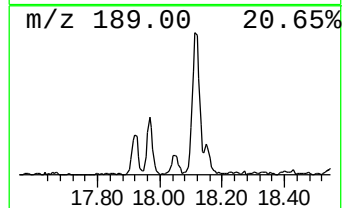
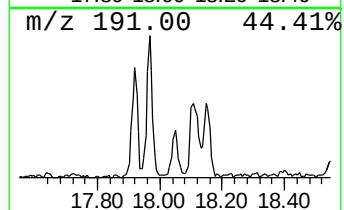
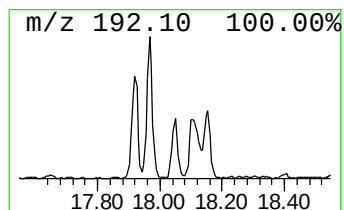
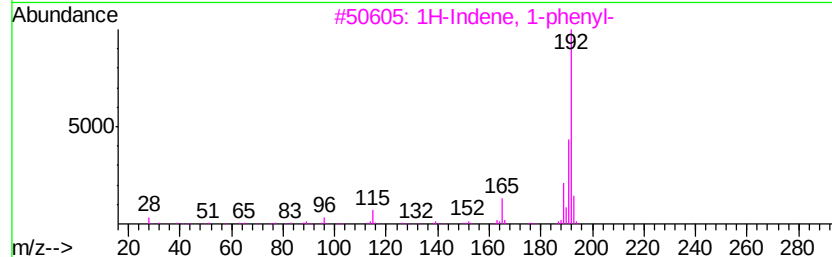
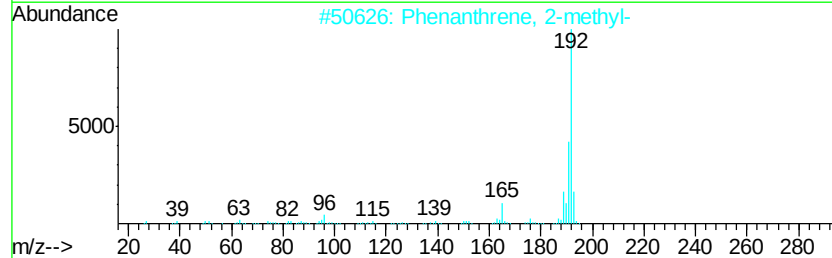
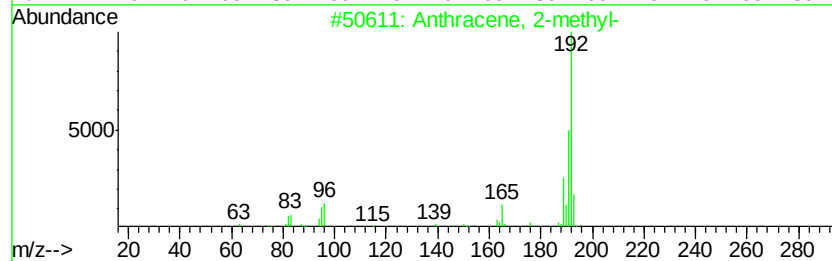
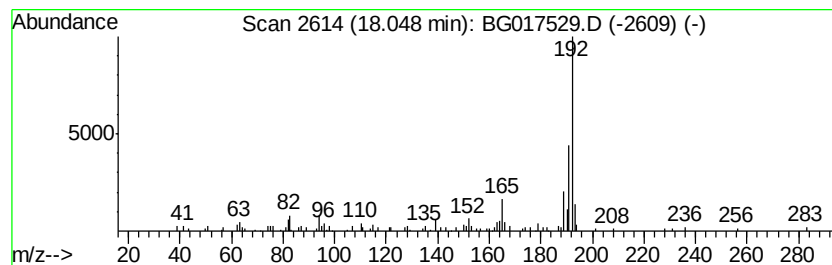
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.92 ng	62659	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
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Sample : G2457-11
Misc :
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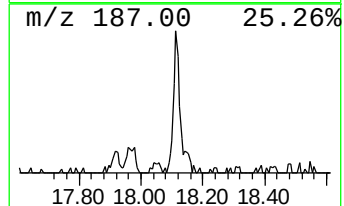
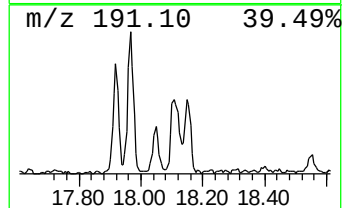
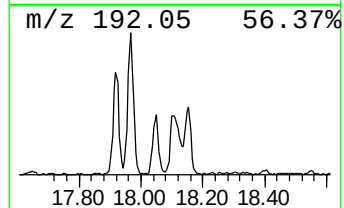
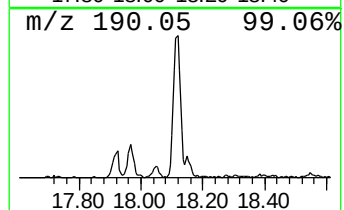
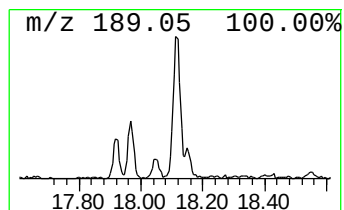
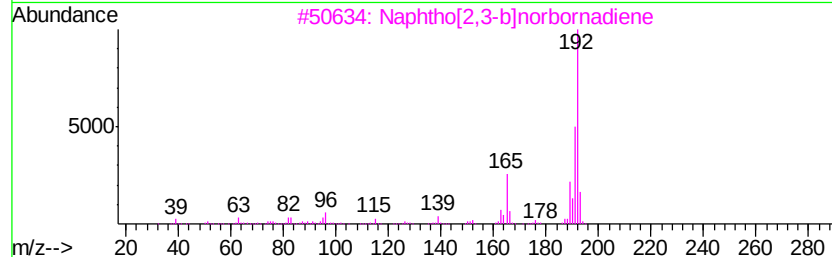
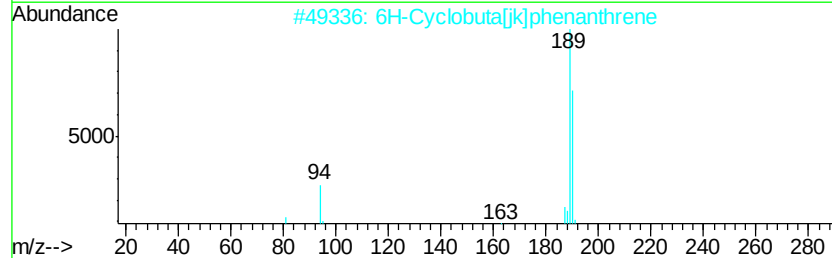
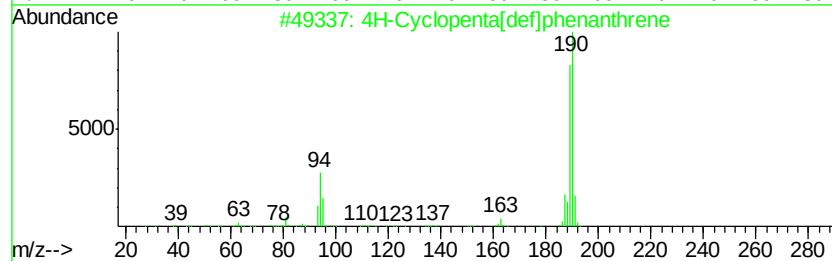
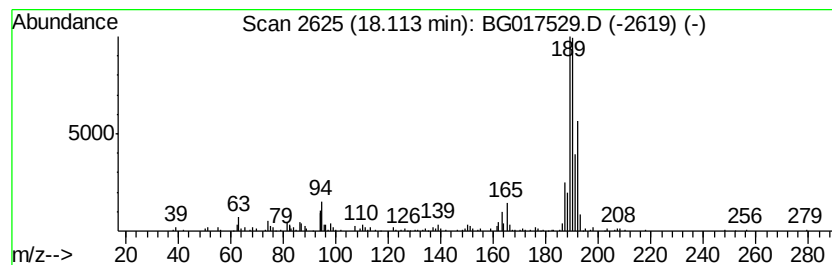
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ClientSampleId :
SP-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.11	12.72 ng	203261	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	35
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	20
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	20



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Data File : BG017529.D
Acq On : 7 Jun 2015 11:40
Operator : TP/IZ
Sample : G2457-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampled :
SP-6

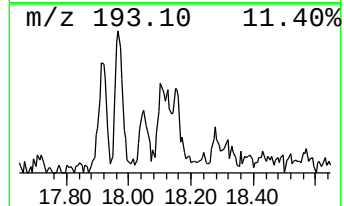
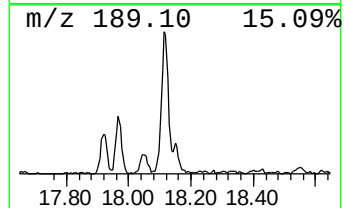
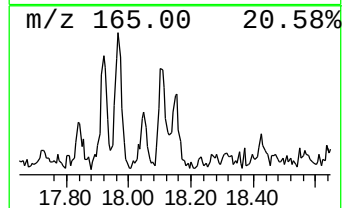
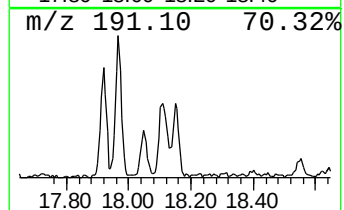
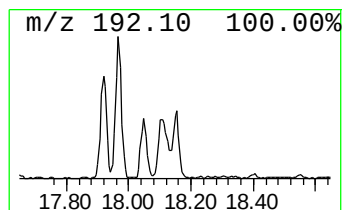
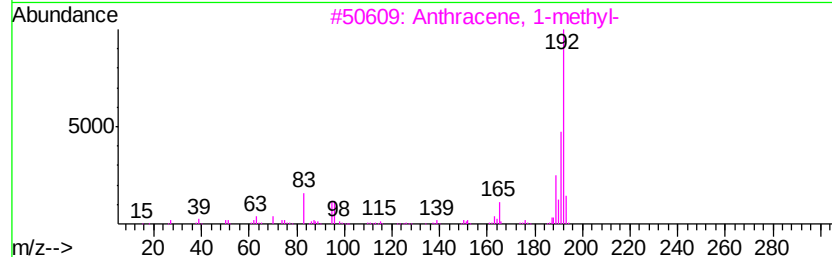
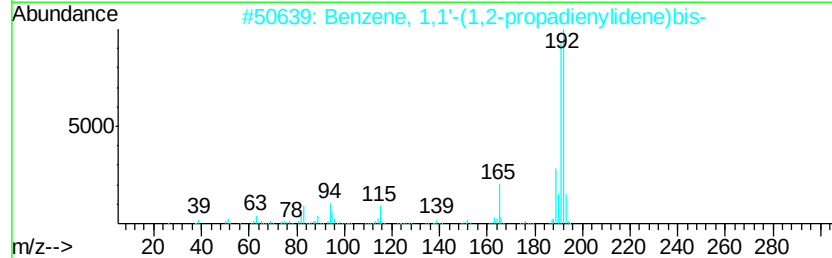
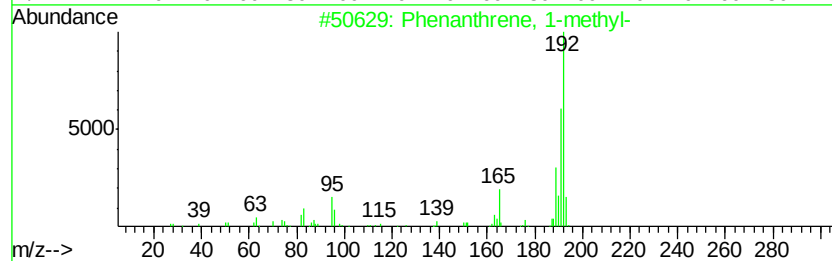
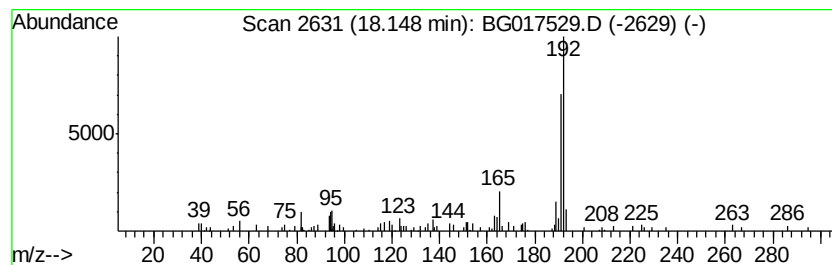
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,1'-(1,2-propadienylidene)bis- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	4.71 ng	75287	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2		Benzene, 1,1'-(1,2-propadienylidene)bis-	192	C15H12	014251-57-1	86
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017529.D
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Misc :
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Instrument :
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ClientSampleId :
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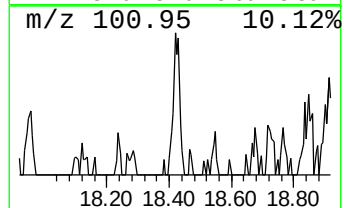
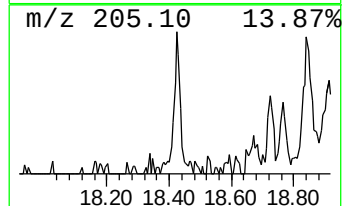
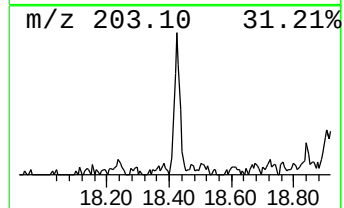
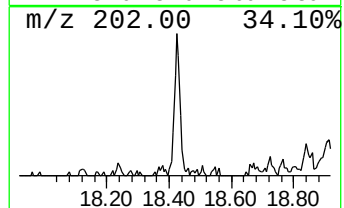
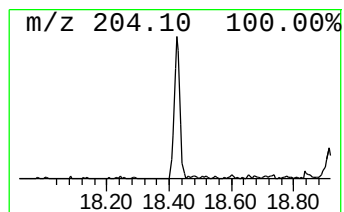
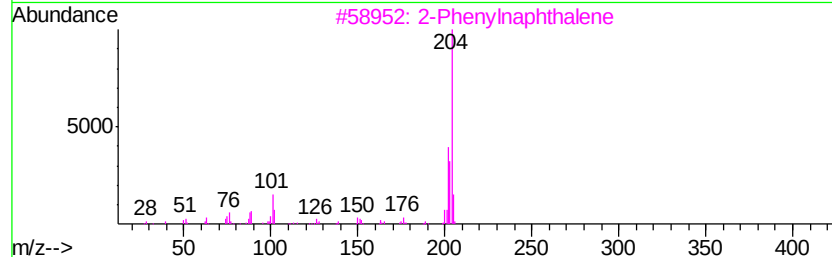
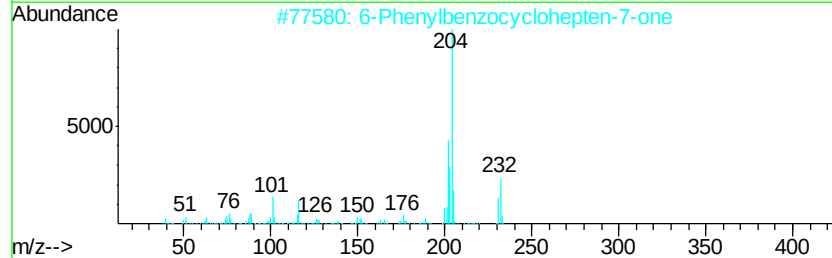
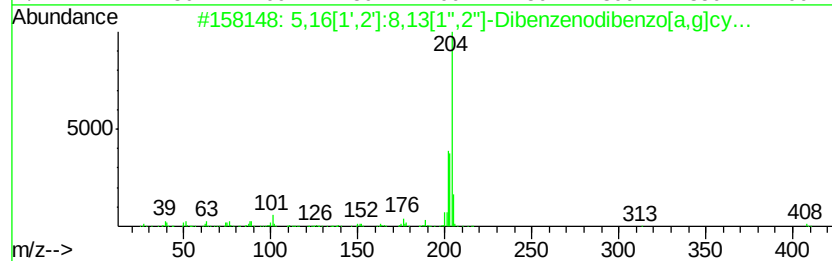
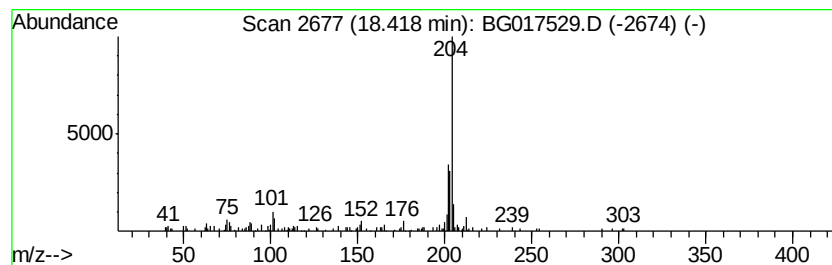
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.06 ng	80777	Phenanthrene-d10	17.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual		
1	5,16	[1',2']	:8,13	[1'',2'']	-Dibenz...	408	C32H24	005672-97-9	80
2	6	-Phenylbenzocyclohepten-7-one		232	C17H12O	093327-56-1	72		
3	2	-Phenylnaphthalene		204	C16H12	035465-71-5	64		
4	Tricyclo	[8.2.2.2(4,7)]	hexadeca-2...	204	C16H12	006572-60-7	64		
5	Naphthalene,	2-phenyl-		204	C16H12	000612-94-2	52		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017529.D
Acq On : 7 Jun 2015 11:40
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ClientSampled :
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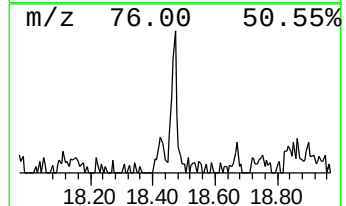
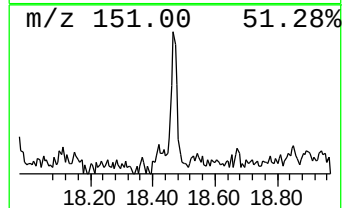
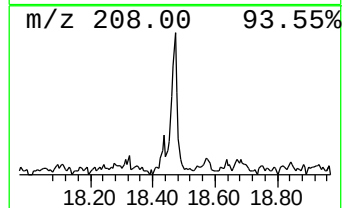
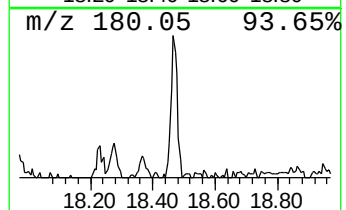
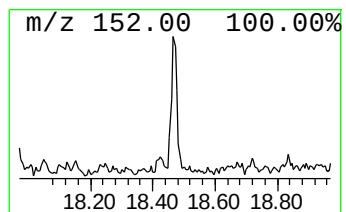
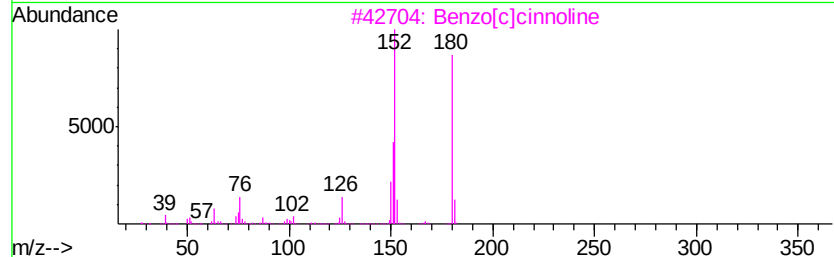
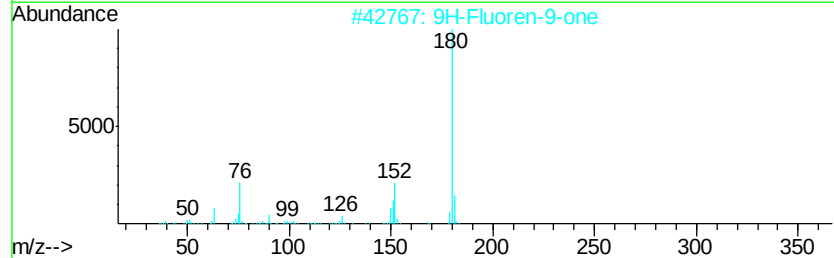
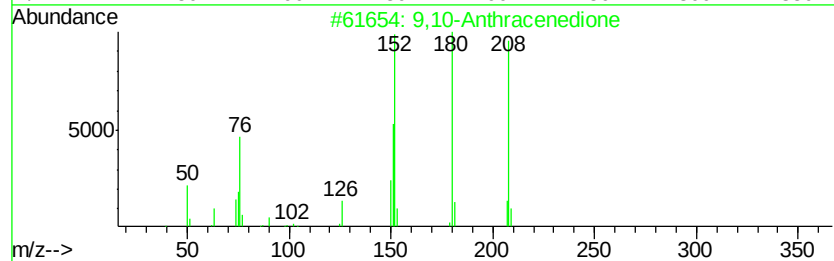
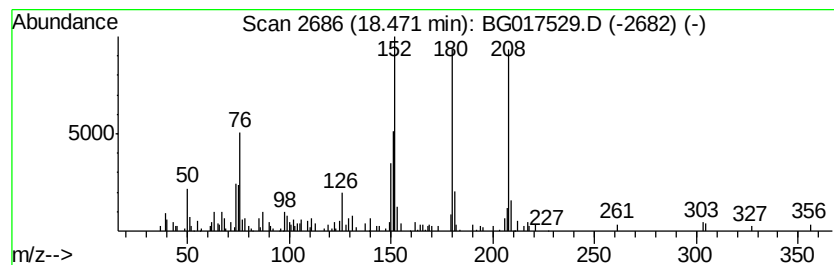
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.72 ng	75384	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	76
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58
5		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017529.D
Acq On : 7 Jun 2015 11:40
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Misc :
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ClientSampleId :
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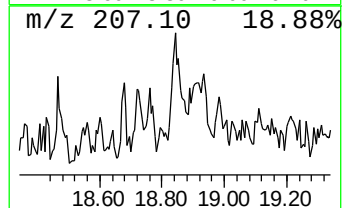
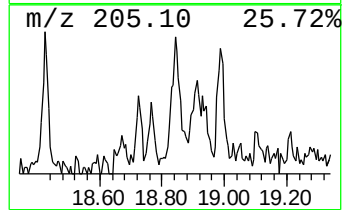
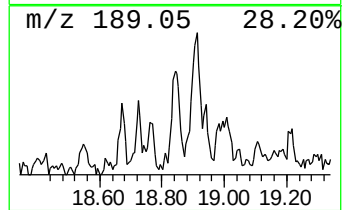
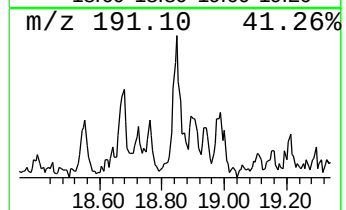
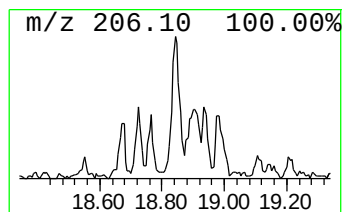
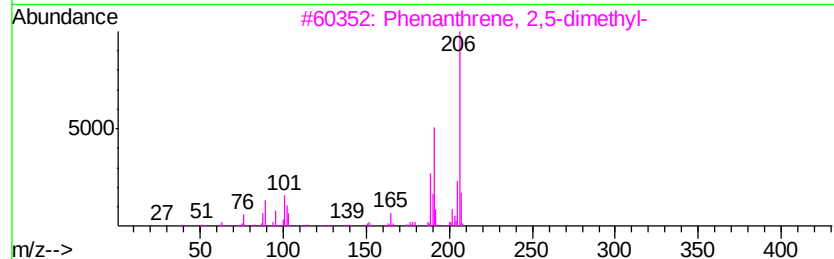
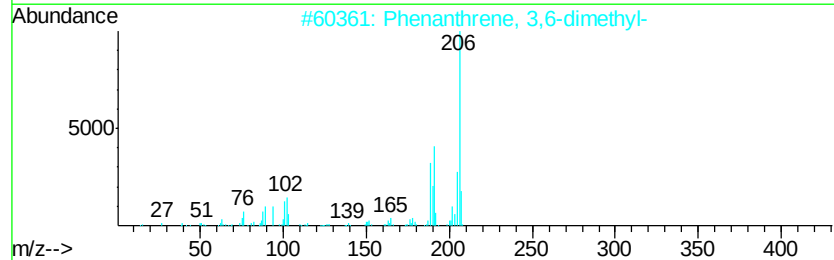
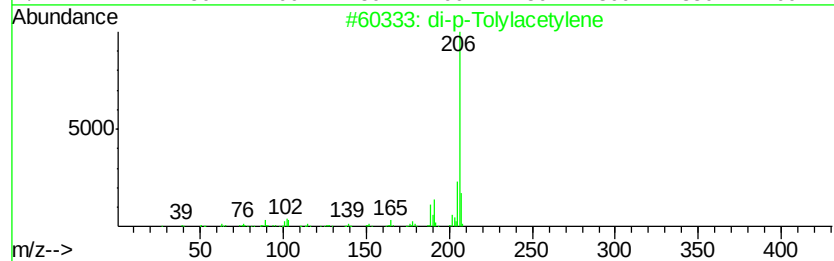
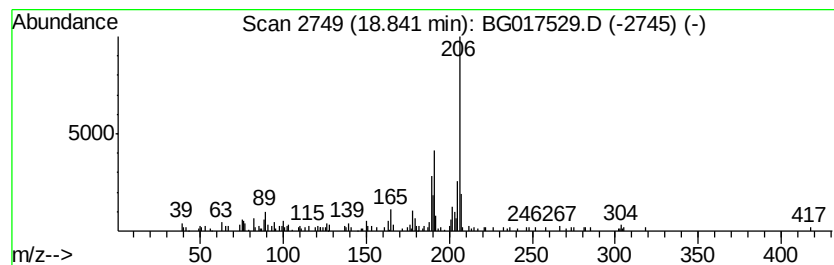
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	6.31 ng	100801	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
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Acq On : 7 Jun 2015 11:40
Operator : TP/IZ
Sample : G2457-11
Misc :
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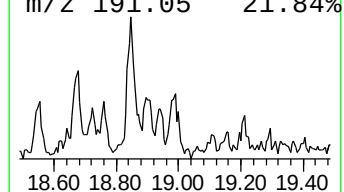
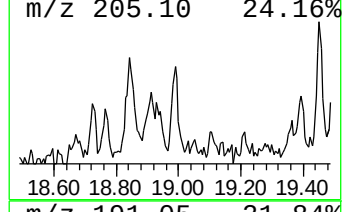
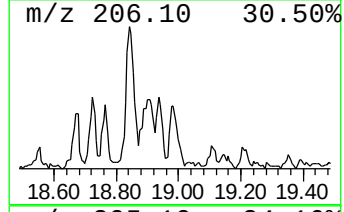
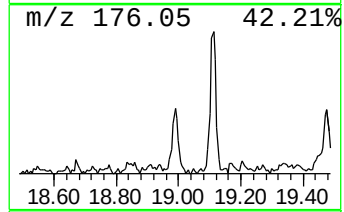
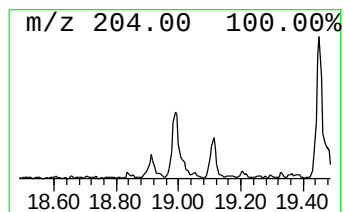
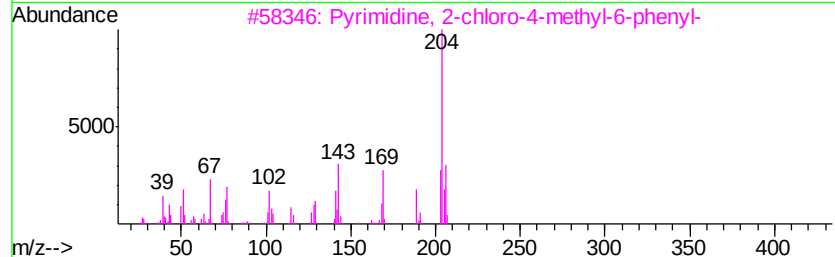
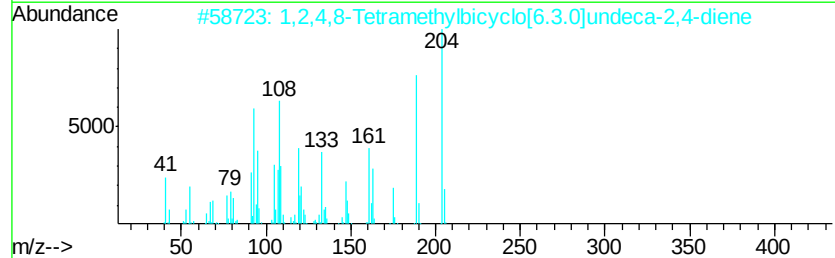
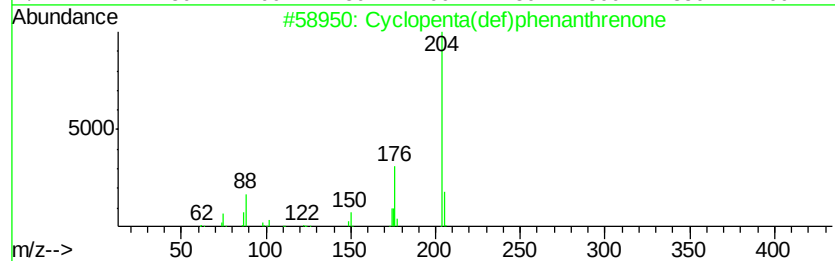
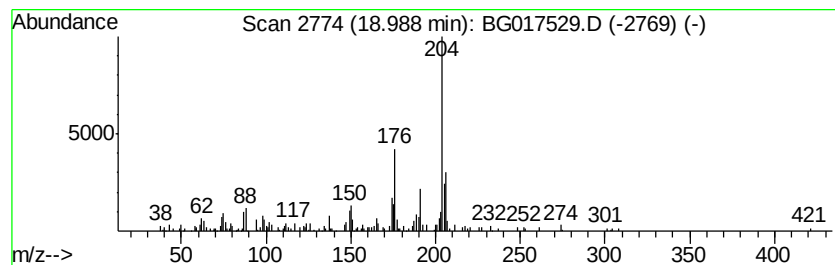
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ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.	
18.99	5.18 ng	82801	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
3	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43
4	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	43
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017529.D
Acq On : 7 Jun 2015 11:40
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Misc :
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Instrument :
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ClientSampleId :
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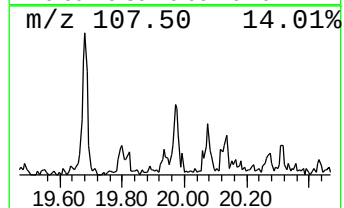
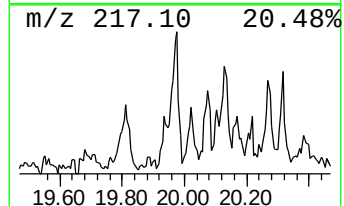
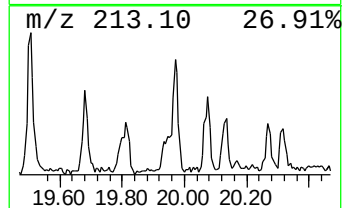
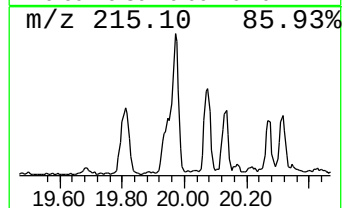
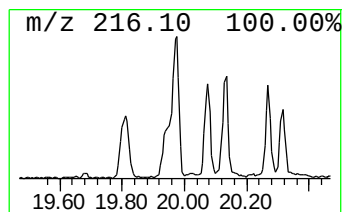
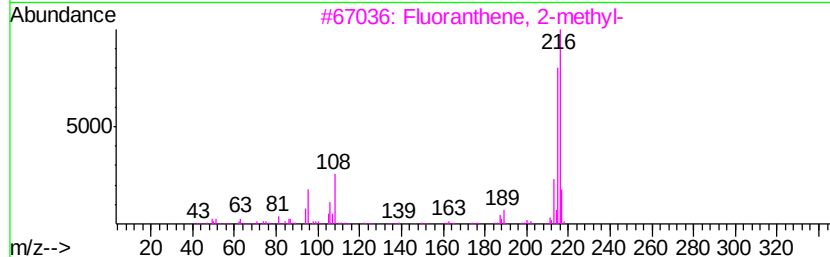
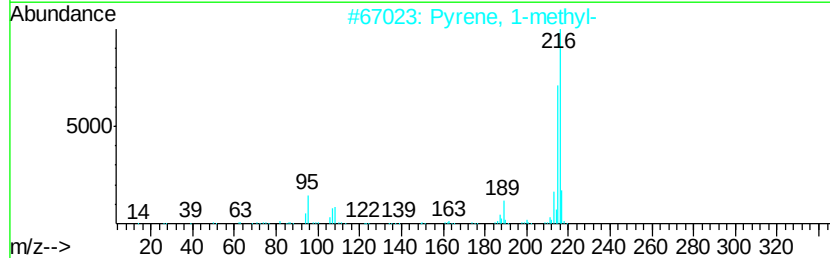
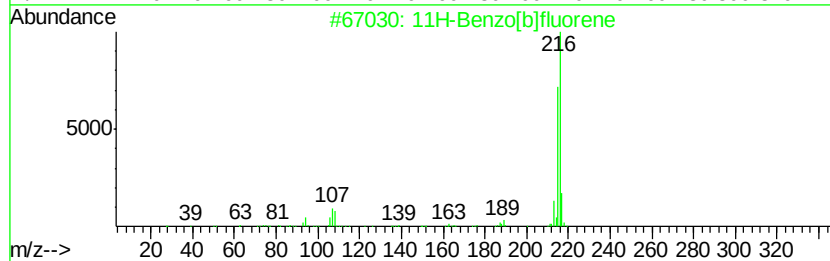
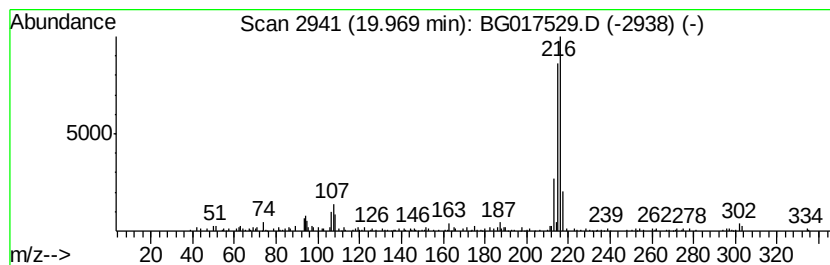
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.85 ng	148606	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
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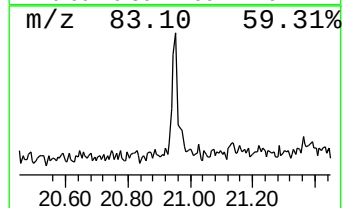
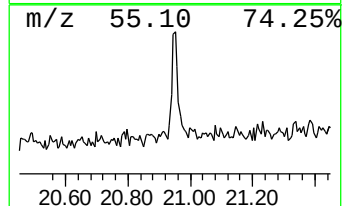
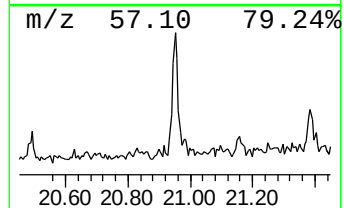
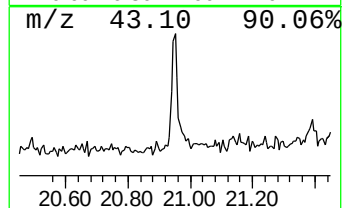
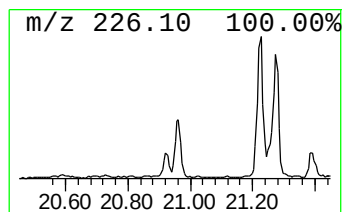
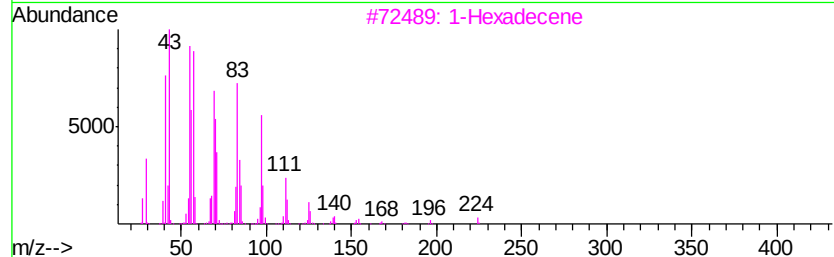
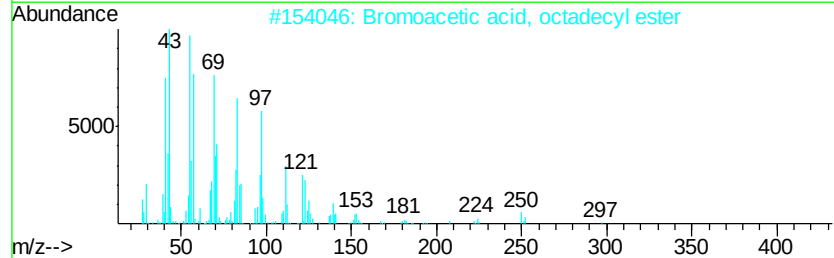
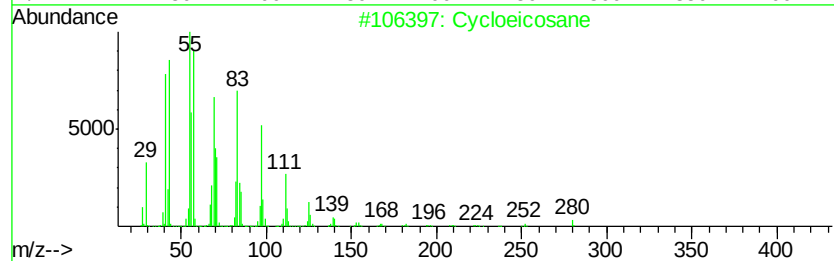
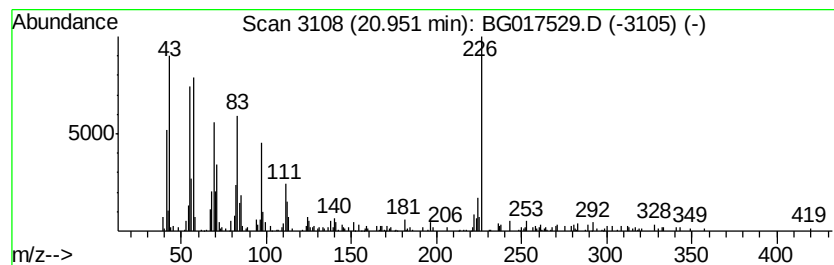
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SP-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown20.95 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.95	3.85 ng	200855	Chrysene-d12		21.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	46
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	46
3	1-Hexadecene	224	C16H32	000629-73-2	43
4	1-Heptadecene	238	C17H34	006765-39-5	41
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	41



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
 Data File : BG017529.D
 Acq On : 7 Jun 2015 11:40
 Operator : TP/IZ
 Sample : G2457-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.76	9.4	ng	67990	1	7.62	144614	20.0
2-Pentanone, 4-hy...	4.72	5.3	ng	37947	1	7.62	144614	20.0
unknown7.17	7.17	107.4	ng	776558	1	7.62	144614	20.0
unknown16.46	16.46	3.2	ng	51007	4	17.04	319530	20.0
9H-Fluoren-9-one	16.70	2.8	ng	45107	4	17.04	319530	20.0
Dibenzothiophene	16.86	3.4	ng	53534	4	17.04	319530	20.0
Anthracene, 1-met...	17.92	7.8	ng	125437	4	17.04	319530	20.0
Phenanthrene, 1-m...	17.97	15.1	ng	241414	4	17.04	319530	20.0
Anthracene, 2-met...	18.05	3.9	ng	62659	4	17.04	319530	20.0
4H-Cyclopenta[def...	18.11	12.7	ng	203261	4	17.04	319530	20.0
Benzene, 1,1'-(1,...	18.15	4.7	ng	75287	4	17.04	319530	20.0
5,16[1',2']:8,13[...	18.42	5.1	ng	80777	4	17.04	319530	20.0
9,10-Anthracenedione	18.47	4.7	ng	75384	4	17.04	319530	20.0
di-p-Tolylacetylene	18.84	6.3	ng	100801	4	17.04	319530	20.0
Cyclopenta(def)ph...	18.99	5.2	ng	82801	4	17.04	319530	20.0
11H-Benzo[b]fluorene	19.97	2.9	ng	148606	5	21.24	1042120	20.0
unknown20.95	20.95	3.9	ng	200855	5	21.24	1042120	20.0