

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
 Data File : BG016769.D
 Acq On : 28 Apr 2015 17:51
 Operator : TP/IZ
 Sample : G1991-12 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-74S

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-BG042315.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	2.758	9	12	25	rVB9	8344	16378	1.41%	0.143%
2	4.674	333	338	347	rVB	31015	44717	3.85%	0.391%
3	5.155	414	420	435	rVB	168872	254671	21.95%	2.226%
4	6.765	687	694	706	rBV	168052	280051	24.14%	2.448%
5	7.100	745	751	763	rBV	183192	301097	25.95%	2.632%
6	7.564	822	830	838	rBV	233613	357897	30.85%	3.129%
7	7.882	878	884	893	rVB	151254	234130	20.18%	2.047%
8	8.728	1022	1028	1036	rBV	94767	165075	14.23%	1.443%
9	10.349	1297	1304	1318	rBV	321624	555926	47.91%	4.860%
10	12.841	1721	1728	1735	rBV	262799	402699	34.71%	3.520%
11	13.693	1868	1873	1878	rBV	8206	13072	1.13%	0.114%
12	13.951	1912	1917	1922	rBV	7733	12487	1.08%	0.109%
13	14.221	1957	1963	1970	rBV2	482608	715293	61.65%	6.253%
14	14.286	1970	1974	1981	rVB2	26541	41537	3.58%	0.363%
15	14.627	2024	2032	2036	rBV2	11323	18846	1.62%	0.165%
16	15.279	2138	2143	2147	rBV2	20193	29848	2.57%	0.261%
17	15.590	2189	2196	2203	rVB2	22806	38673	3.33%	0.338%
18	15.720	2210	2218	2227	rBV	161182	247231	21.31%	2.161%
19	16.507	2348	2352	2356	rVV3	5631	12234	1.05%	0.107%
20	16.630	2366	2373	2379	rVB4	10371	18618	1.60%	0.163%
21	16.724	2379	2389	2393	rBV8	13463	33932	2.92%	0.297%
22	16.789	2396	2400	2408	rVB	14732	23787	2.05%	0.208%
23	16.971	2425	2431	2435	rBV	538200	779691	67.20%	6.816%
24	17.012	2435	2438	2444	rVB	332654	418850	36.10%	3.661%
25	17.100	2449	2453	2459	rVV	67057	98346	8.48%	0.860%
26	17.165	2461	2464	2469	rVB7	7413	12452	1.07%	0.109%
27	17.382	2494	2501	2509	rBV2	17215	37804	3.26%	0.330%
28	17.488	2516	2519	2522	rVB	10207	11995	1.03%	0.105%
29	17.846	2575	2580	2583	rBV	41686	62051	5.35%	0.542%
30	17.894	2583	2588	2593	rVB	71934	103070	8.88%	0.901%
31	17.976	2598	2602	2606	rVV	27233	37485	3.23%	0.328%
32	18.040	2607	2613	2617	rVV2	70727	132111	11.39%	1.155%
33	18.076	2617	2619	2624	rVB2	37303	45272	3.90%	0.396%
34	18.352	2662	2666	2670	rBV	34149	42544	3.67%	0.372%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
 Data File : BG016769.D
 Acq On : 28 Apr 2015 17:51
 Operator : TP/IZ
 Sample : G1991-12 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-74S

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-BG042315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.399	2670	2674	2679	rVB4	17808	25667	2.21%	0.224%
36	18.593	2705	2707	2712	rVB4	15627	20640	1.78%	0.180%
37	18.646	2714	2716	2720	rVV2	11588	14295	1.23%	0.125%
38	18.687	2720	2723	2727	rVB4	13596	14456	1.25%	0.126%
39	18.769	2733	2737	2741	rBV	28606	48955	4.22%	0.428%
40	18.910	2758	2761	2765	rBV4	16725	27042	2.33%	0.236%
41	19.033	2777	2782	2788	rBV	528426	681881	58.77%	5.961%
42	19.398	2835	2844	2853	rBV	505693	801462	69.07%	7.006%
43	19.474	2854	2857	2863	rVB3	24718	45182	3.89%	0.395%
44	19.603	2872	2879	2883	rBV	364257	451507	38.91%	3.947%
45	19.733	2896	2901	2908	rVB3	28384	59911	5.16%	0.524%
46	19.897	2926	2929	2935	rVB3	71936	106181	9.15%	0.928%
47	19.997	2943	2946	2949	rVB2	43382	47050	4.05%	0.411%
48	20.056	2953	2956	2960	rVB3	48261	61672	5.32%	0.539%
49	20.191	2977	2979	2983	rVB	32185	32530	2.80%	0.284%
50	20.238	2984	2987	2993	rVV2	31722	46252	3.99%	0.404%
51	20.878	3093	3096	3103	rVB3	60188	100053	8.62%	0.875%
52	21.160	3137	3144	3147	rBV2	698980	1160300	100.00%	10.143%
53	21.196	3147	3150	3159	rVB	255049	327926	28.26%	2.867%
54	21.313	3167	3170	3173	rBV	59129	62658	5.40%	0.548%
55	22.700	3401	3406	3411	rBV	169012	370087	31.90%	3.235%
56	23.170	3482	3486	3491	rVB	114696	192167	16.56%	1.680%
57	23.258	3497	3501	3508	rVB	206086	351206	30.27%	3.070%
58	23.358	3512	3518	3524	rBV2	422757	790826	68.16%	6.913%

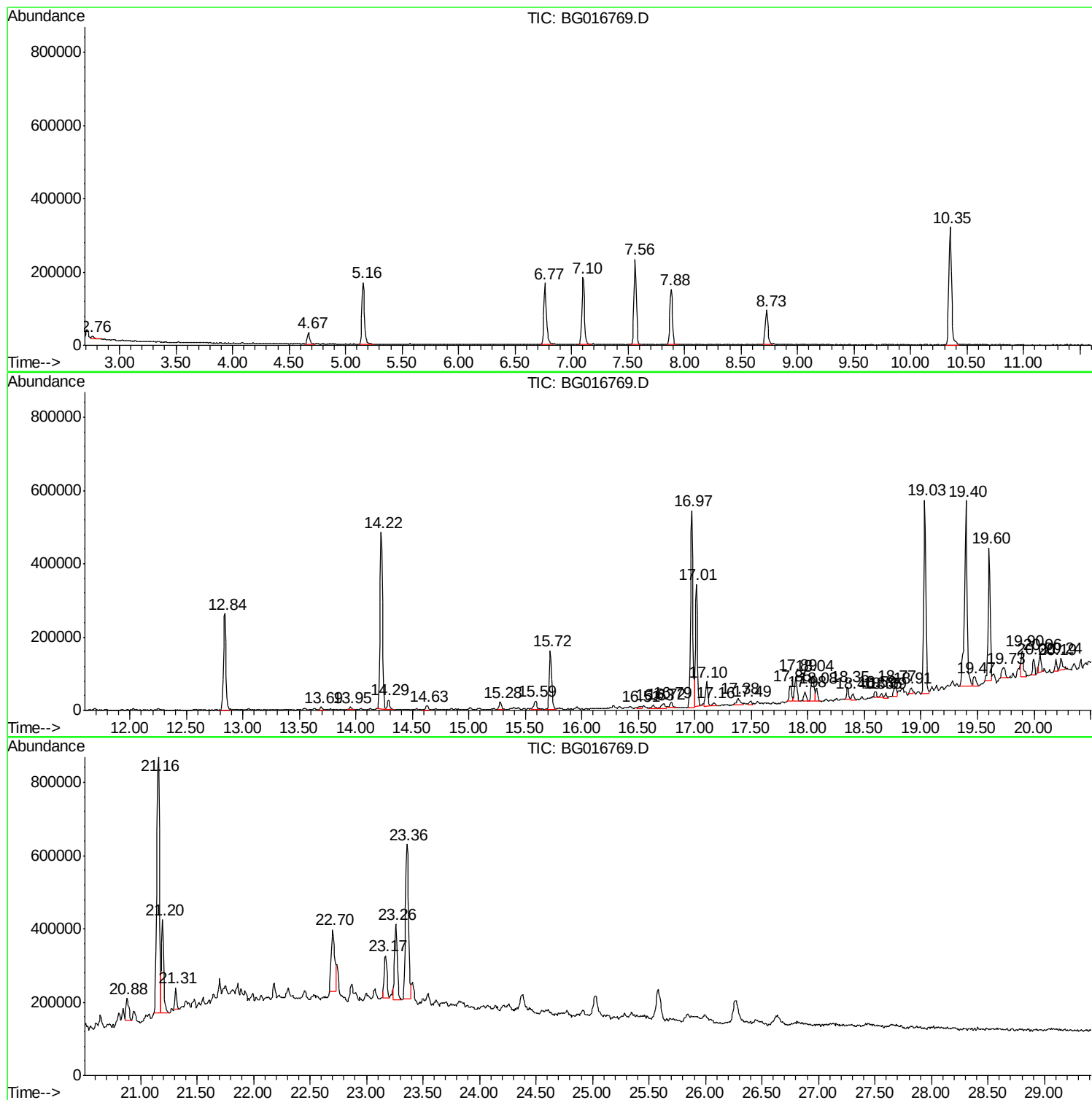
Sum of corrected areas: 11439776

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016769.D
Acq On : 28 Apr 2015 17:51
Operator : TP/IZ
Sample : G1991-12 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-74S

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016769.D
Acq On : 28 Apr 2015 17:51
Operator : TP/IZ
Sample : G1991-12 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
SB-74S

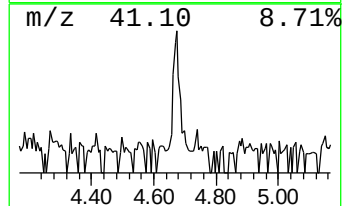
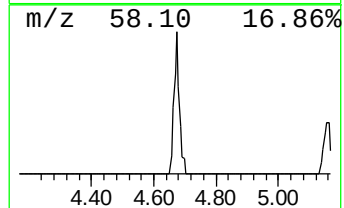
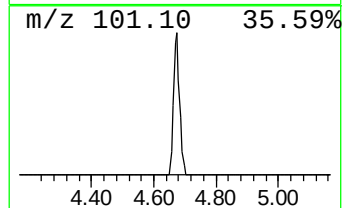
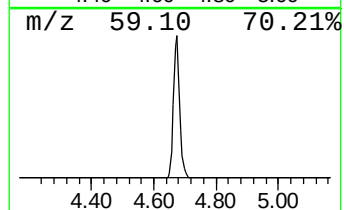
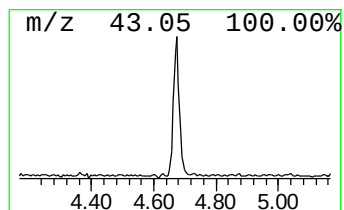
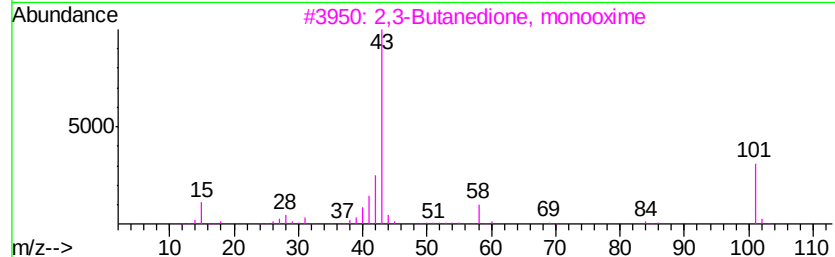
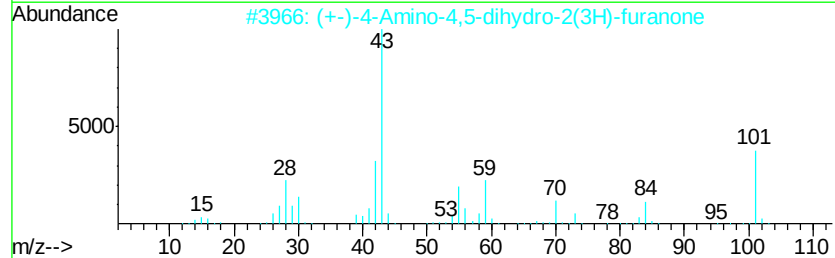
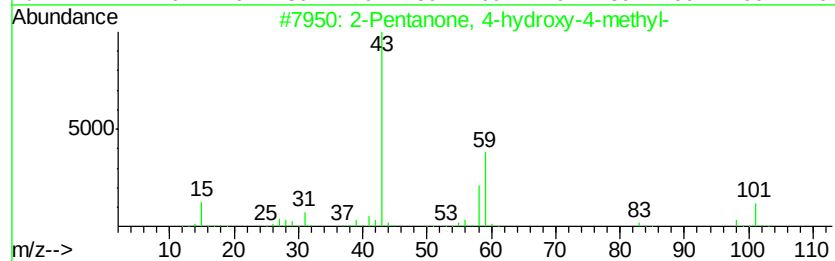
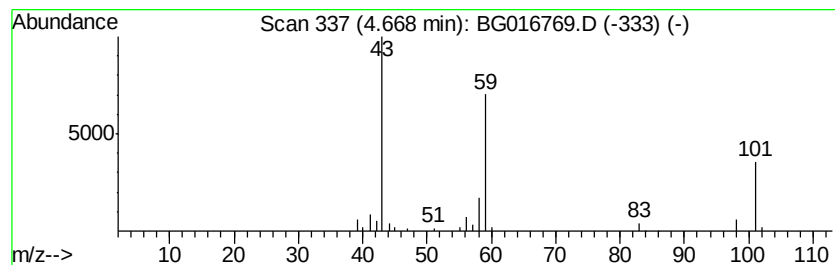
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	2.50 ng	44717	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	43
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4		Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	23
5		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016769.D
Acq On : 28 Apr 2015 17:51
Operator : TP/IZ
Sample : G1991-12 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-74S

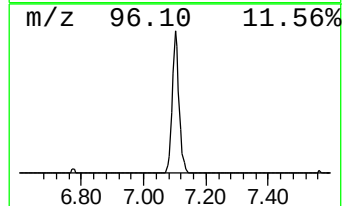
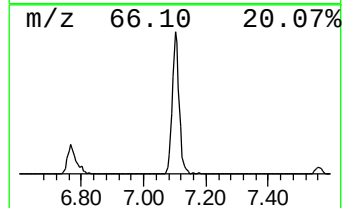
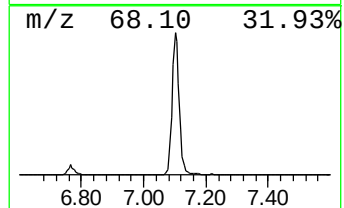
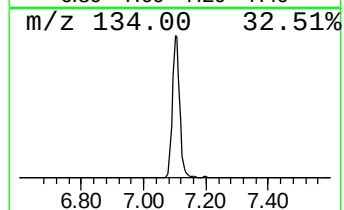
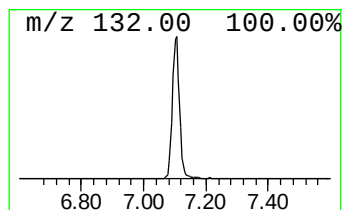
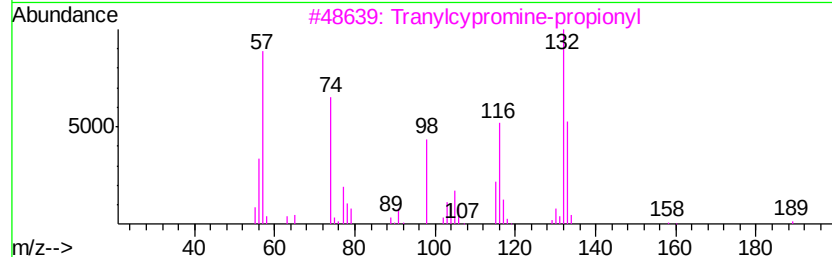
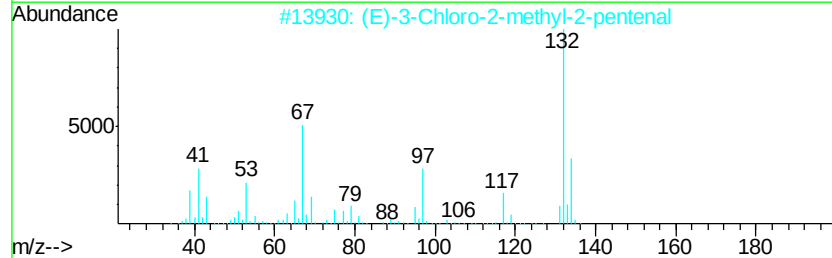
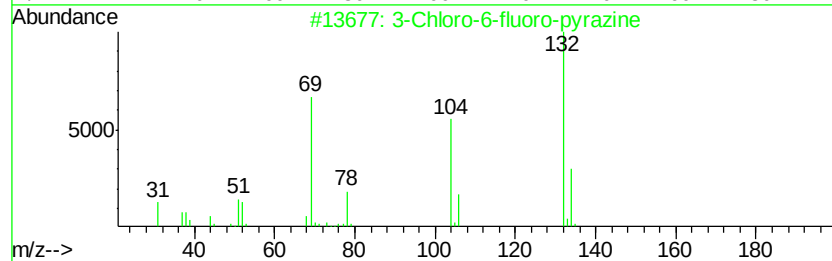
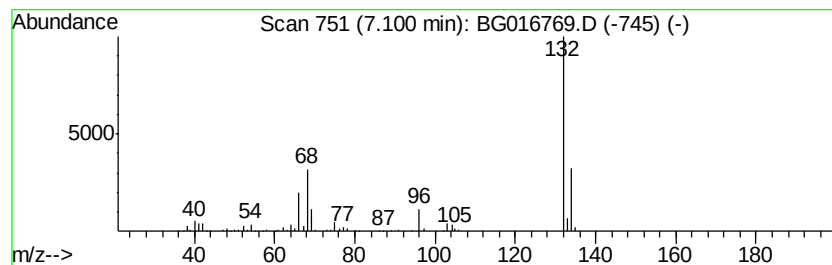
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	16.83 ng	301097	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016769.D
Acq On : 28 Apr 2015 17:51
Operator : TP/IZ
Sample : G1991-12 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-74S

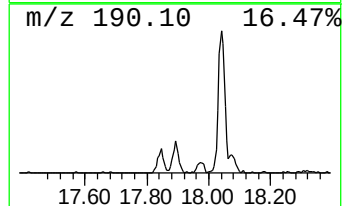
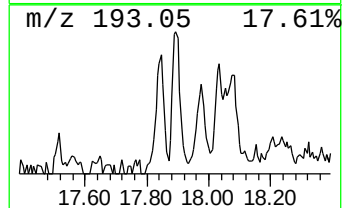
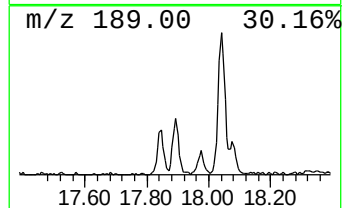
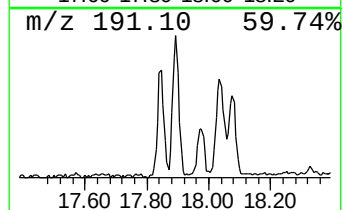
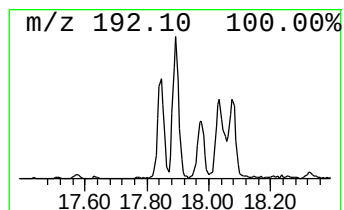
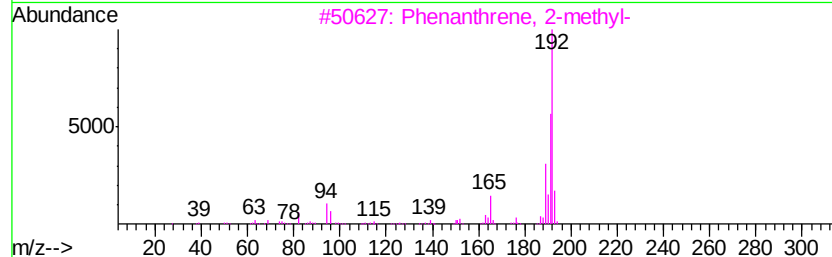
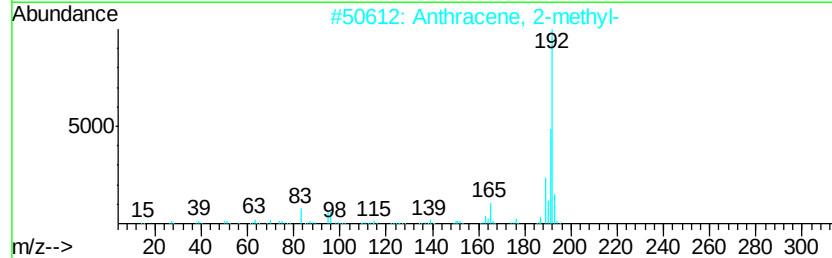
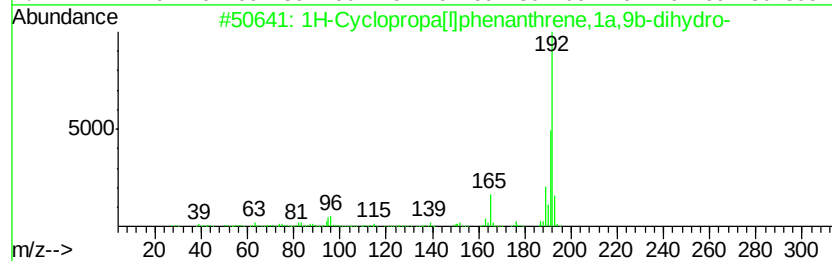
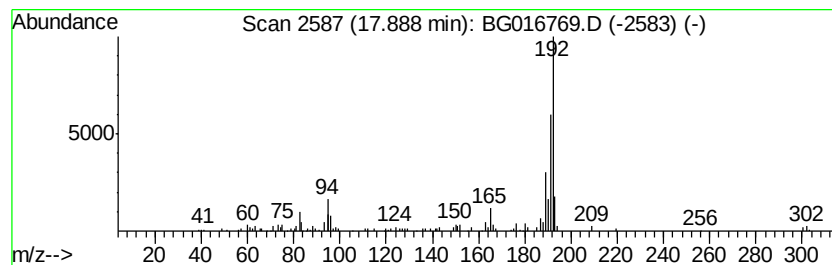
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.64 ng	103070	Phenanthrene-d10	16.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016769.D
Acq On : 28 Apr 2015 17:51
Operator : TP/IZ
Sample : G1991-12 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-74S

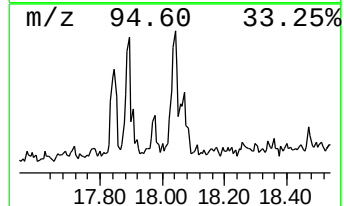
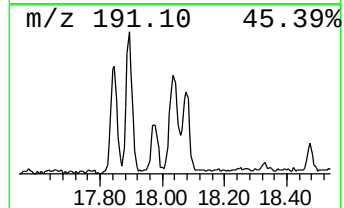
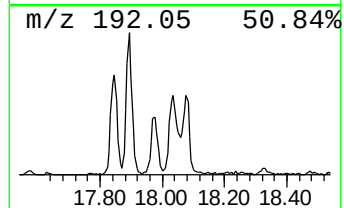
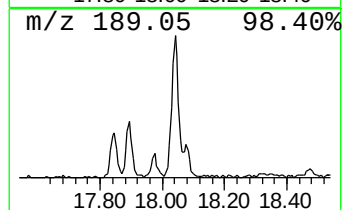
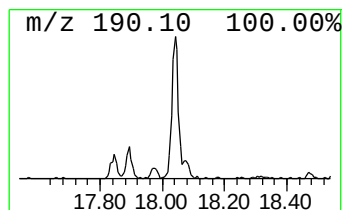
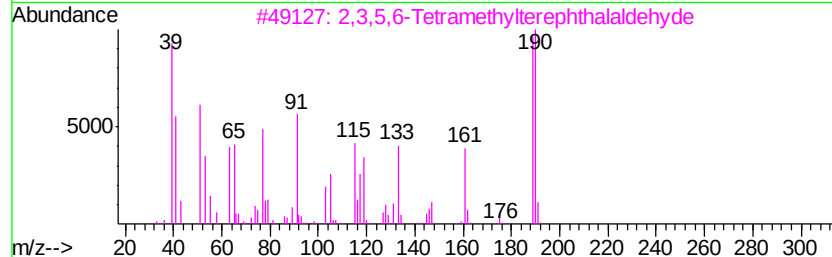
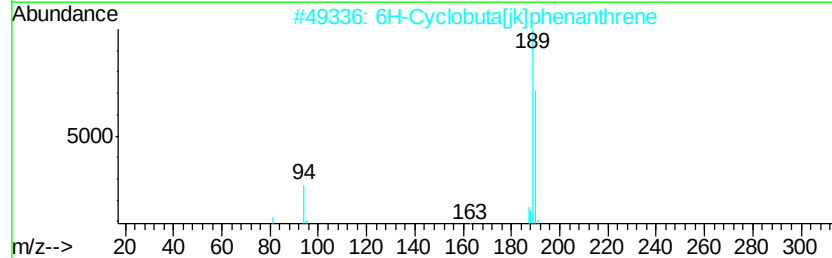
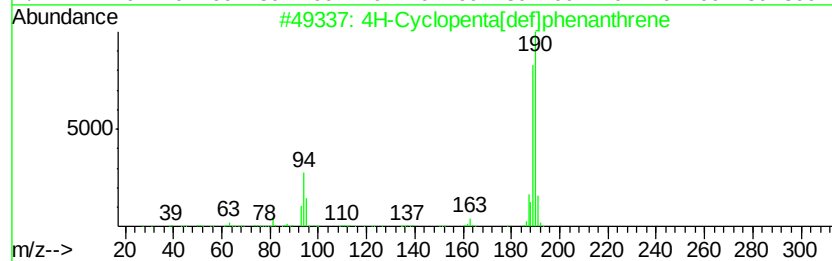
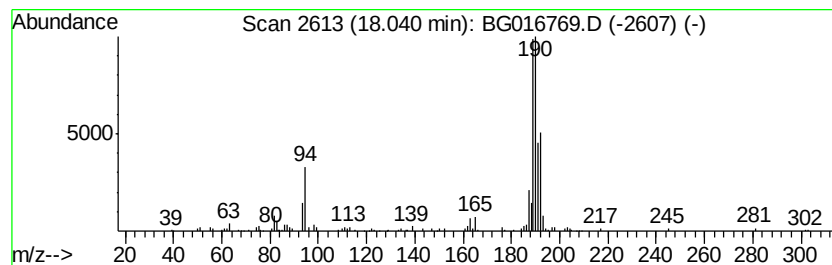
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.39 ng	132111	Phenanthrene-d10	16.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	14
5		Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	14



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042815\
Data File : BG016769.D
Acq On : 28 Apr 2015 17:51
Operator : TP/IZ
Sample : G1991-12 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-74S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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...	4.67	2.5	ng	44717	1	7.56	357897	20.0
unknown7.10	7.10	16.8	ng	301097	1	7.56	357897	20.0
1H-Cyclopropa[l]p...	17.89	2.6	ng	103070	4	16.97	779691	20.0
4H-Cyclopenta[def...	18.04	3.4	ng	132111	4	16.97	779691	20.0