

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
 Data File : BG022271.D
 Acq On : 9 Jun 2016 16:32
 Operator : UM/SJ
 Sample : H3402-04 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-40

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-BG060616.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	2.985	19	25	39	rVB	492924	813896	58.32%	4.789%
2	5.189	394	400	407	rVB	18427	32693	2.34%	0.192%
3	5.670	473	482	490	rBV	174519	337830	24.21%	1.988%
4	7.280	746	756	769	rBV	201447	397349	28.47%	2.338%
5	7.650	811	819	829	rBV	224417	438002	31.38%	2.577%
6	8.120	891	899	913	rBV	151327	300453	21.53%	1.768%
7	8.444	945	954	969	rBV	180775	356632	25.55%	2.098%
8	9.290	1089	1098	1115	rBV	118344	251443	18.02%	1.479%
9	10.941	1371	1379	1385	rBV	253667	524938	37.61%	3.089%
10	12.592	1653	1660	1666	rBV	11575	20344	1.46%	0.120%
11	12.803	1690	1696	1704	rBV	8851	16348	1.17%	0.096%
12	13.367	1785	1792	1801	rBV	427814	746850	53.51%	4.394%
13	14.072	1906	1912	1916	rBV3	9639	18991	1.36%	0.112%
14	14.190	1927	1932	1941	rVB	18291	32066	2.30%	0.189%
15	14.478	1976	1981	1989	rBV6	6337	14394	1.03%	0.085%
16	14.748	2016	2027	2033	rBV2	398669	719924	51.58%	4.236%
17	14.813	2033	2038	2046	rVB	61818	105888	7.59%	0.623%
18	15.147	2086	2095	2102	rVV	26881	51044	3.66%	0.300%
19	15.794	2199	2205	2215	rVB2	57288	105009	7.52%	0.618%
20	15.958	2229	2233	2238	rVB5	8732	14339	1.03%	0.084%
21	16.082	2249	2254	2263	rVB2	12542	26403	1.89%	0.155%
22	16.234	2274	2280	2290	rBV3	264003	455461	32.64%	2.680%
23	16.428	2306	2313	2315	rBV4	11560	20025	1.43%	0.118%
24	16.793	2365	2375	2380	rBV4	12901	33673	2.41%	0.198%
25	17.016	2407	2413	2415	rBV6	9032	16106	1.15%	0.095%
26	17.145	2430	2435	2443	rBV2	18435	31579	2.26%	0.186%
27	17.216	2443	2447	2452	rBV5	18008	33724	2.42%	0.198%
28	17.316	2458	2464	2470	rVB	27604	49078	3.52%	0.289%
29	17.492	2487	2494	2498	rBV	437949	781233	55.98%	4.597%
30	17.533	2498	2501	2508	rVV	541700	863265	61.86%	5.079%
31	17.627	2508	2517	2523	rVV	136587	250023	17.91%	1.471%
32	17.686	2523	2527	2534	rVB4	14894	28888	2.07%	0.170%
33	17.897	2555	2563	2568	rBV3	47370	102019	7.31%	0.600%
34	18.009	2577	2582	2586	rBV5	11005	19611	1.41%	0.115%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022271.D
Acq On : 9 Jun 2016 16:32
Operator : UM/SJ
Sample : H3402-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-40

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-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.068	2589	2592	2598	rVV7	12647	20207	1.45%	0.119%
36	18.367	2634	2643	2647	rBV	63119	120454	8.63%	0.709%
37	18.414	2647	2651	2658	rVB2	85202	160505	11.50%	0.944%
38	18.491	2660	2664	2670	rVB	32750	51124	3.66%	0.301%
39	18.561	2670	2676	2680	rBV2	113040	225425	16.15%	1.326%
40	18.855	2721	2726	2730	rVV	50257	75822	5.43%	0.446%
41	18.902	2730	2734	2742	rVB3	29359	49961	3.58%	0.294%
42	19.096	2764	2767	2772	rVB4	19063	29702	2.13%	0.175%
43	19.149	2772	2776	2780	rBV	16508	25293	1.81%	0.149%
44	19.272	2791	2797	2802	rBV	44024	94030	6.74%	0.553%
45	19.419	2816	2822	2828	rBV2	38050	75213	5.39%	0.443%
46	19.536	2835	2842	2849	rBV	805016	1315881	94.29%	7.743%
47	19.783	2880	2884	2892	rVB	26617	55878	4.00%	0.329%
48	19.901	2892	2904	2911	rBV	734926	1361298	97.54%	8.010%
49	19.965	2911	2915	2921	rVB2	41113	75146	5.38%	0.442%
50	20.083	2929	2935	2941	rBV	567754	848148	60.77%	4.990%
51	20.218	2952	2958	2964	rBV5	47321	113167	8.11%	0.666%
52	20.388	2983	2987	2992	rVB	98541	154659	11.08%	0.910%
53	20.482	2999	3003	3007	rBV2	78634	116267	8.33%	0.684%
54	20.682	3034	3037	3040	rBV3	36317	49355	3.54%	0.290%
55	20.723	3042	3044	3055	rVB3	43695	79416	5.69%	0.467%
56	21.152	3114	3117	3124	rVB	43823	74523	5.34%	0.438%
57	21.381	3153	3156	3161	rVB	50693	76323	5.47%	0.449%
58	21.440	3162	3166	3171	rVB3	45136	74034	5.30%	0.436%
59	21.763	3213	3221	3227	rBV3	527595	1395613	100.00%	8.212%
60	21.816	3227	3230	3241	rVB	273758	498268	35.70%	2.932%
61	21.975	3252	3257	3265	rBV	57210	105947	7.59%	0.623%
62	24.025	3598	3606	3613	rBV2	161057	574060	41.13%	3.378%
63	24.766	3725	3732	3744	rVB2	80985	248806	17.83%	1.464%
64	24.918	3750	3758	3772	rVB	119029	388685	27.85%	2.287%
65	25.071	3776	3784	3793	rBV2	141956	452528	32.43%	2.663%

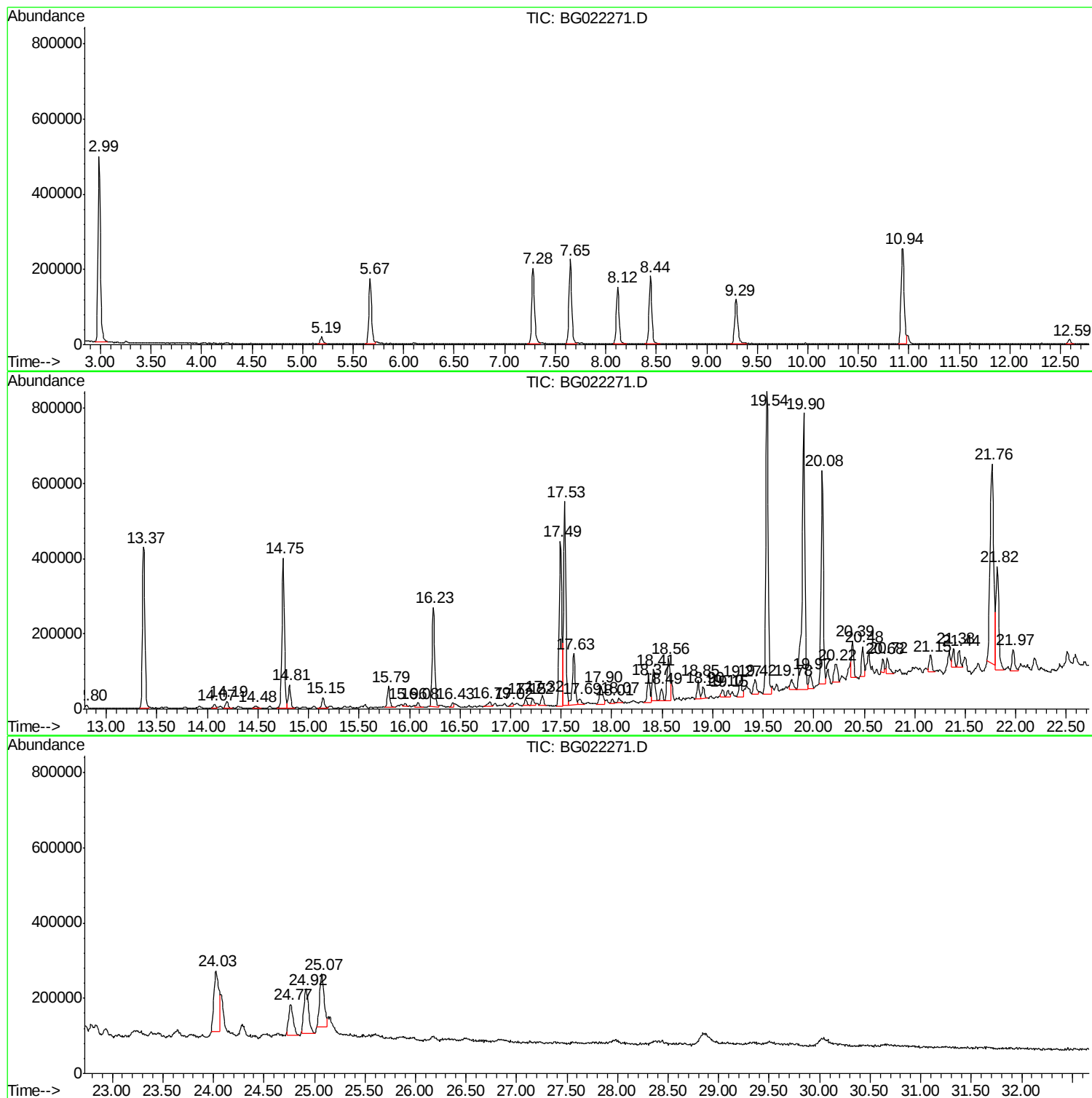
Sum of corrected areas: 16995259

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022271.D
Acq On : 9 Jun 2016 16:32
Operator : UM/SJ
Sample : H3402-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-40

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.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\BG060916\
Data File : BG022271.D
Acq On : 9 Jun 2016 16:32
Operator : UM/SJ
Sample : H3402-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-40

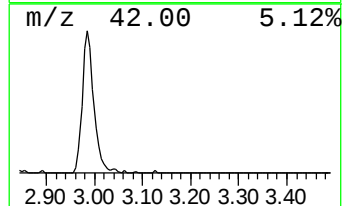
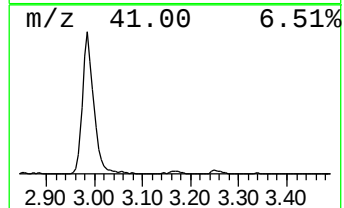
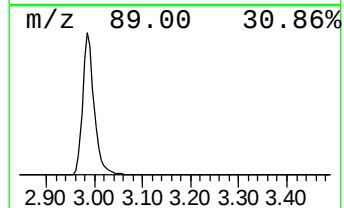
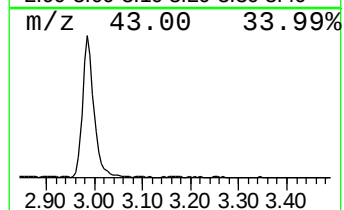
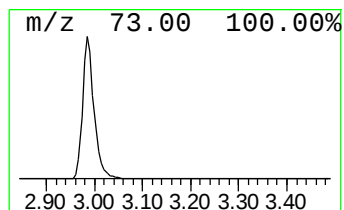
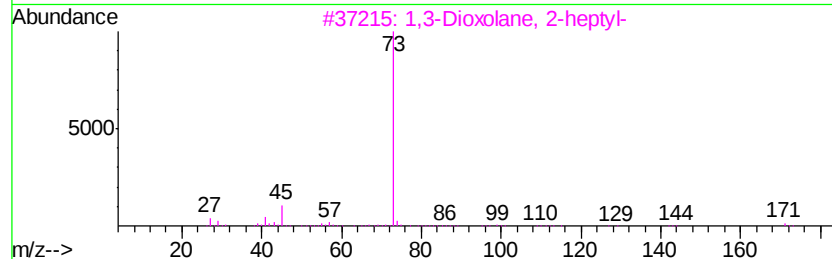
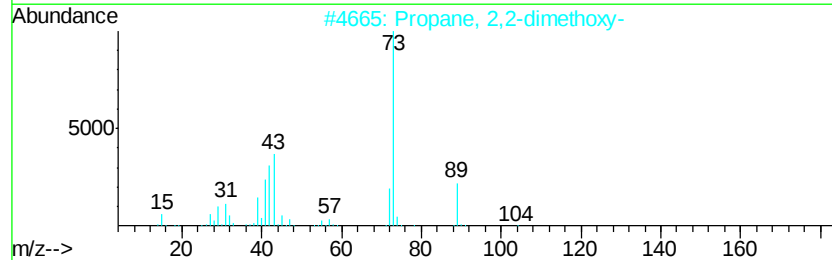
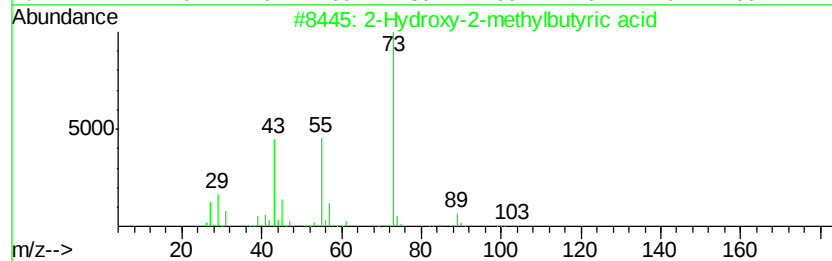
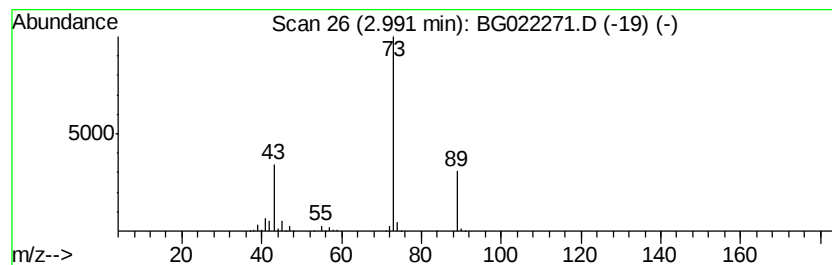
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	54.18 ng	813896	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
2		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9
3		1,3-Dioxolane, 2-heptyl-	172	C10H20O2	004359-57-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	7
5		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022271.D
Acq On : 9 Jun 2016 16:32
Operator : UM/SJ
Sample : H3402-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-40

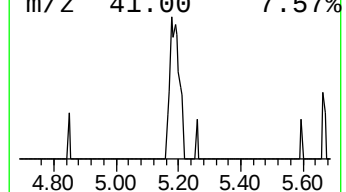
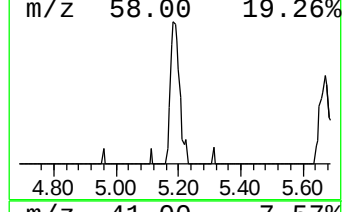
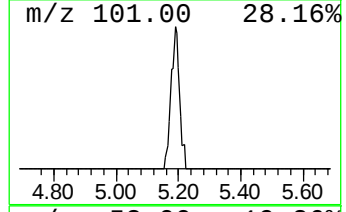
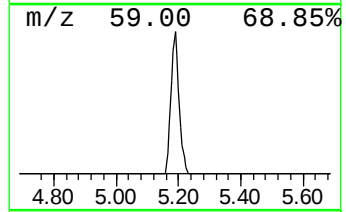
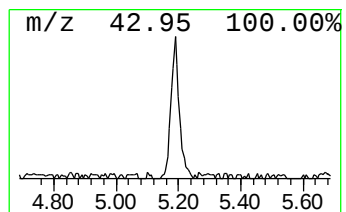
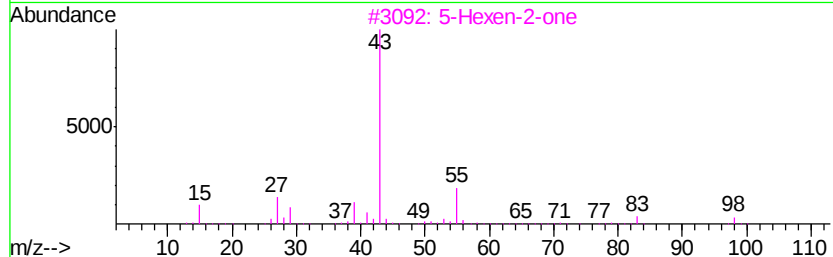
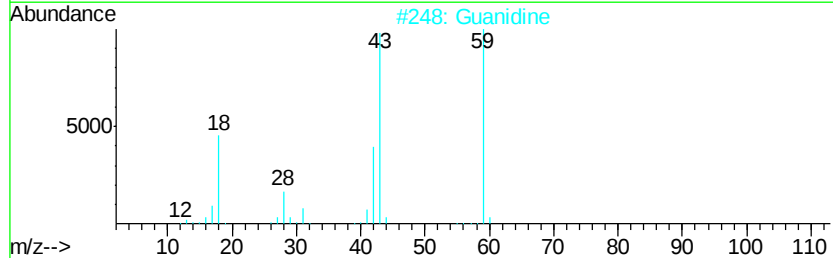
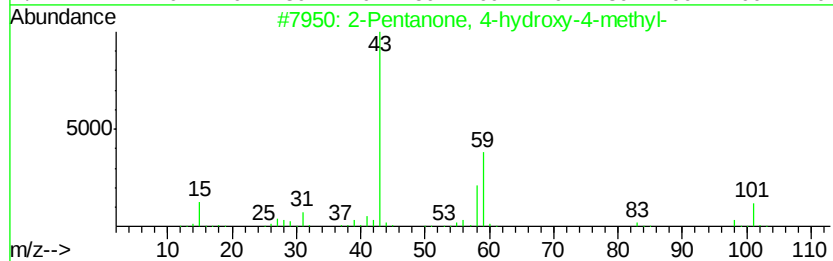
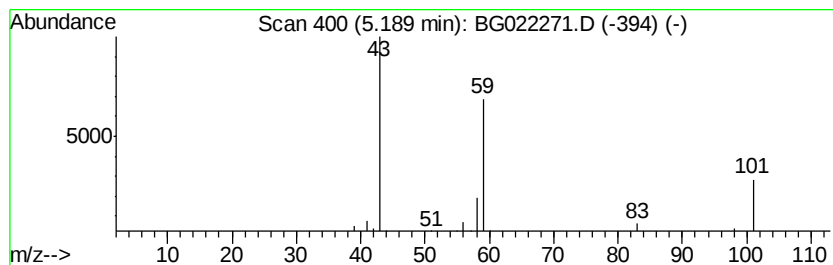
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.19	2.18 ng	32693	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Guanidine	59	CH5N3	000113-00-8	38
3		5-Hexen-2-one	98	C6H10O	000109-49-9	10
4		2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022271.D
Acq On : 9 Jun 2016 16:32
Operator : UM/SJ
Sample : H3402-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-40

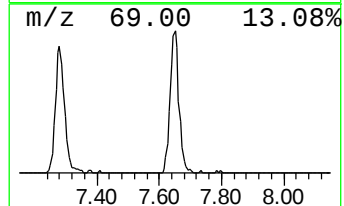
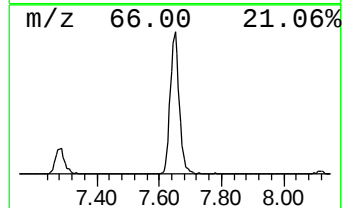
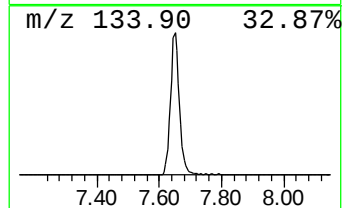
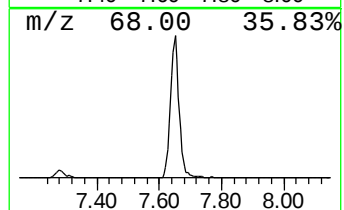
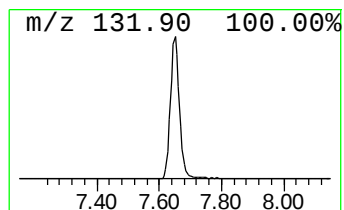
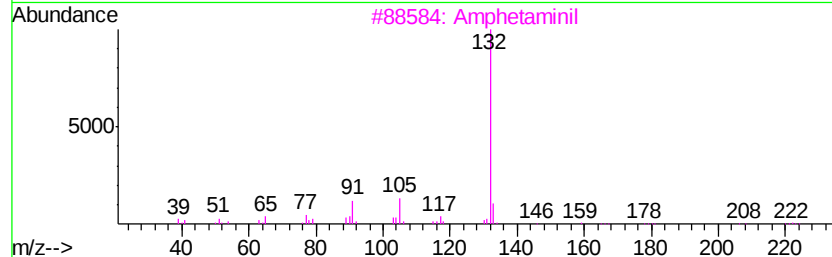
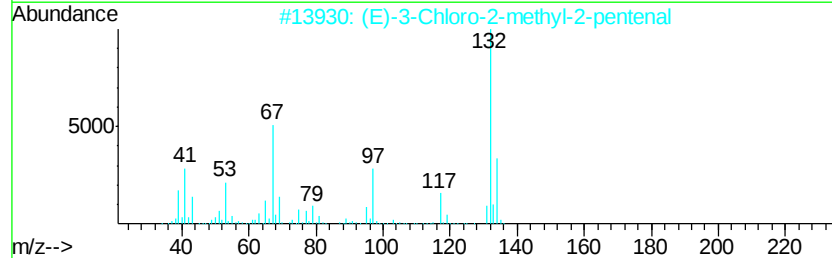
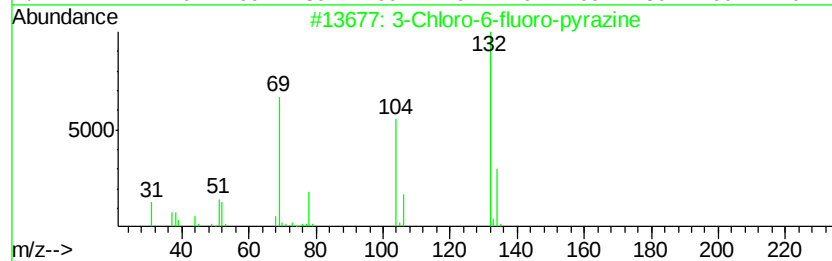
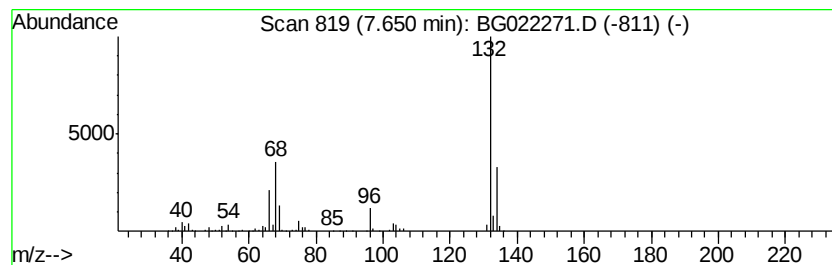
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	29.16 ng	438002	1,4-Dichlorobenzene-d4	8.12

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		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Xenon	132	Xe	007440-63-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG02271.D
Acq On : 9 Jun 2016 16:32
Operator : UM/SJ
Sample : H3402-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-40

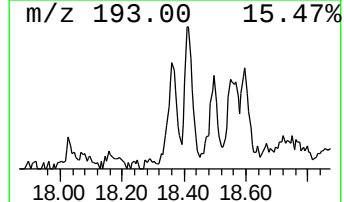
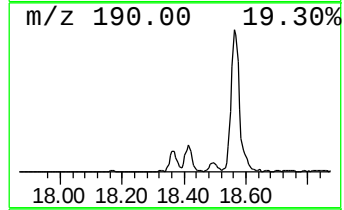
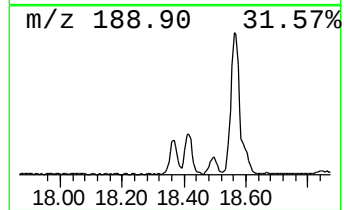
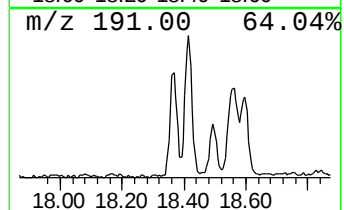
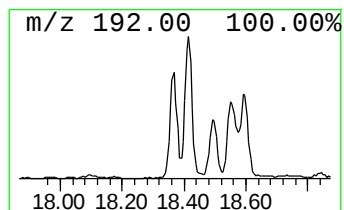
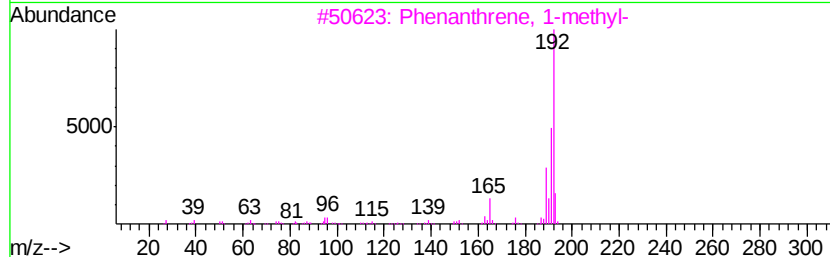
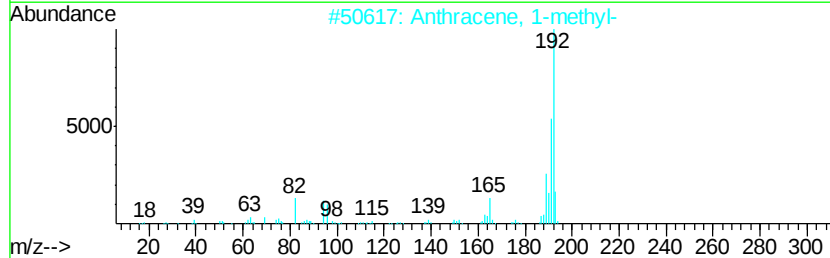
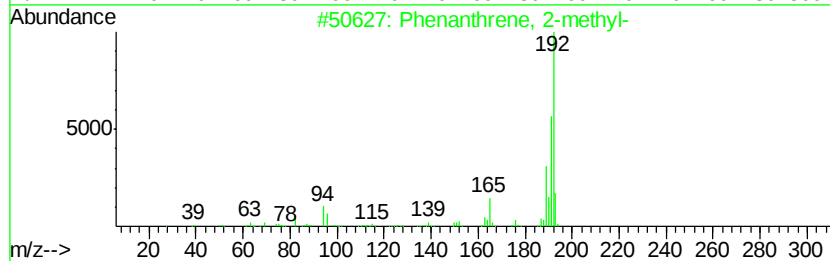
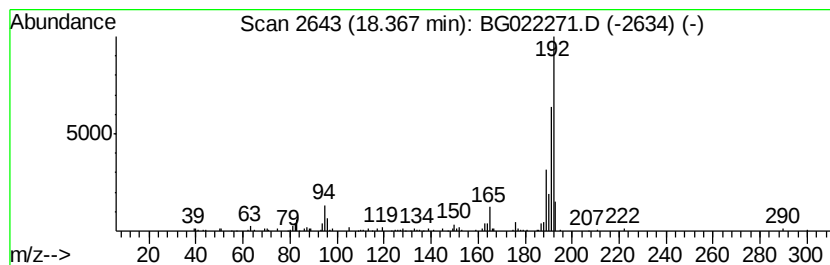
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.08 ng	120454	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022271.D
Acq On : 9 Jun 2016 16:32
Operator : UM/SJ
Sample : H3402-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

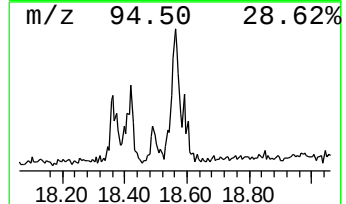
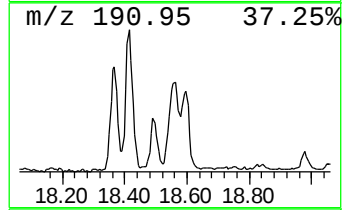
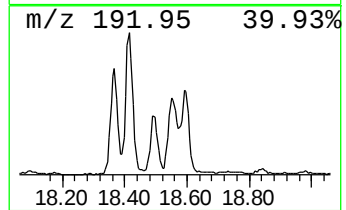
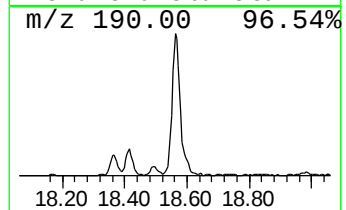
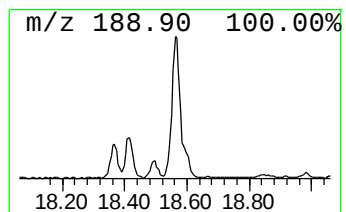
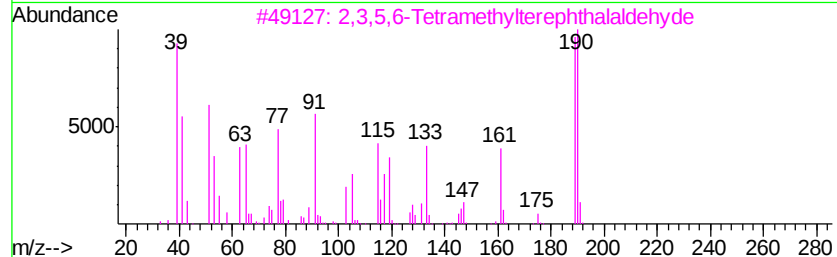
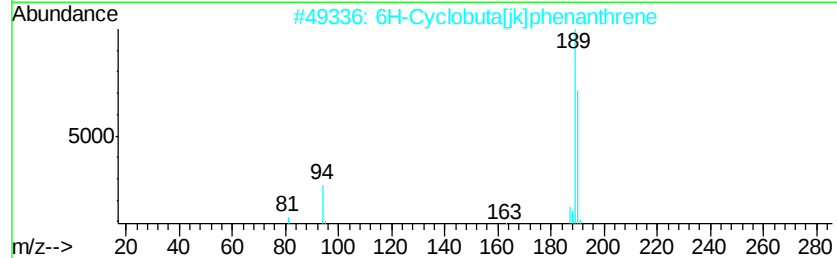
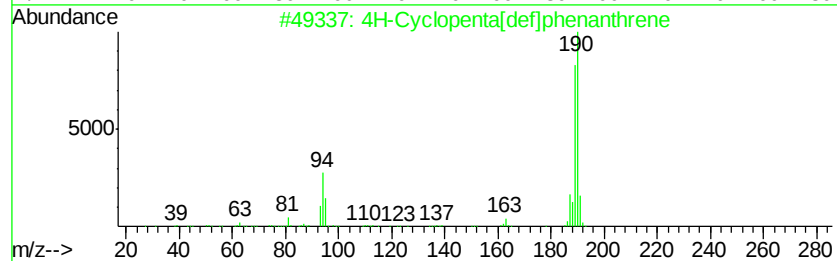
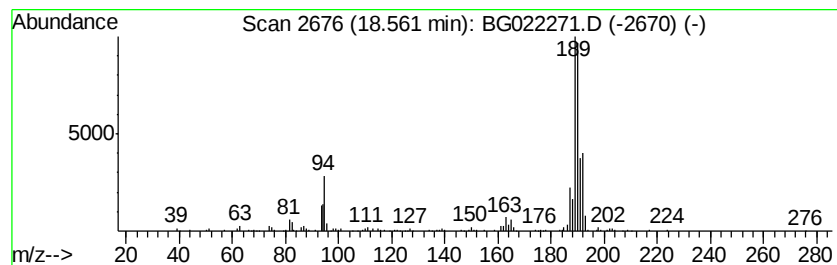
Instrument :
BNA_G
ClientSampled :
SS-40

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.56	5.77 ng	225425	Phenanthrene-d10	17.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4O2S	038362-25-3	10
5	2,2'-Difluorobiphenyl	190	C12H8F2	000388-82-9	10



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG02271.D
Acq On : 9 Jun 2016 16:32
Operator : UM/SJ
Sample : H3402-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-40

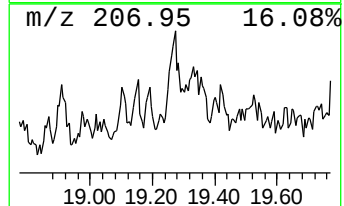
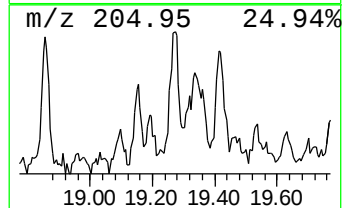
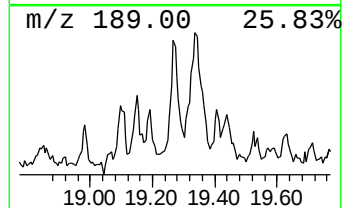
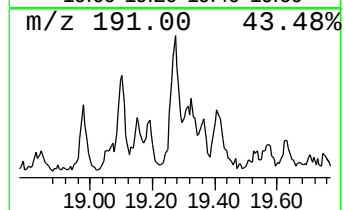
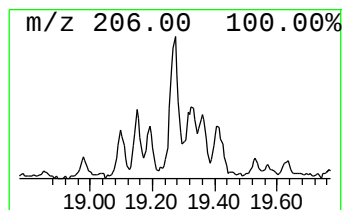
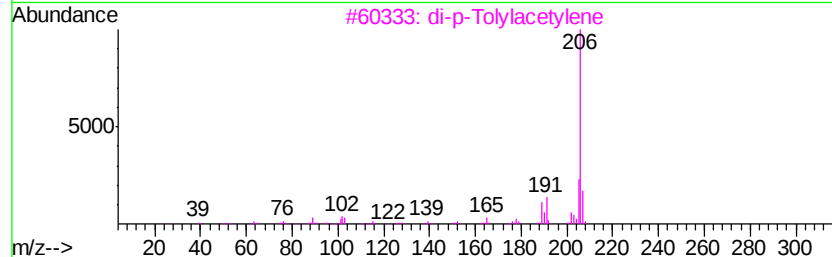
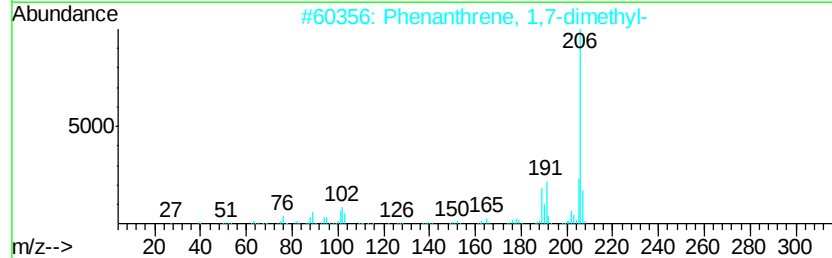
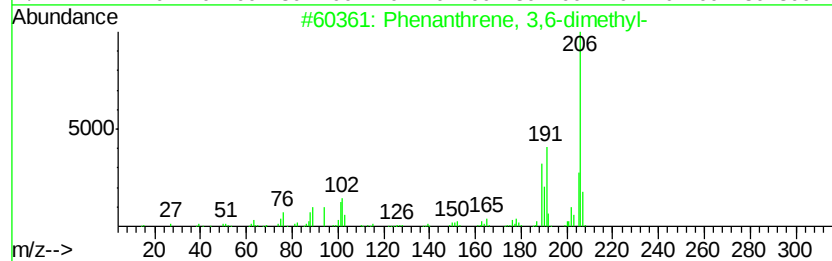
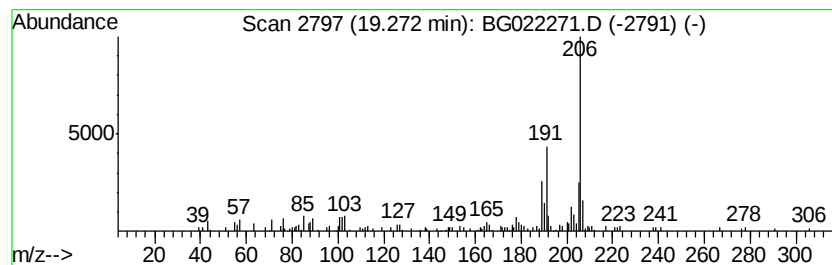
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.41 ng	94030	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG02271.D
Acq On : 9 Jun 2016 16:32
Operator : UM/SJ
Sample : H3402-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-40

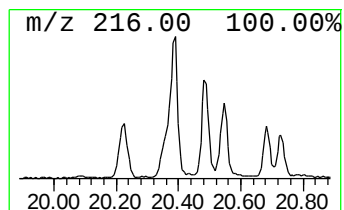
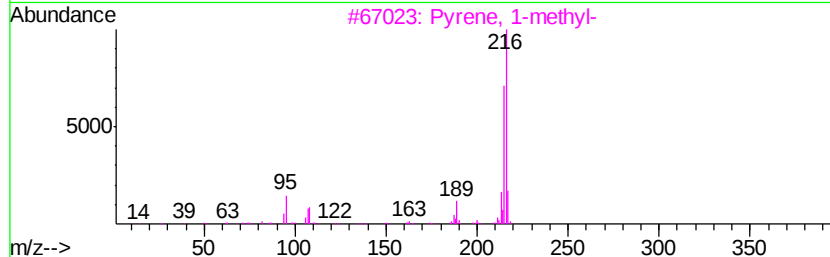
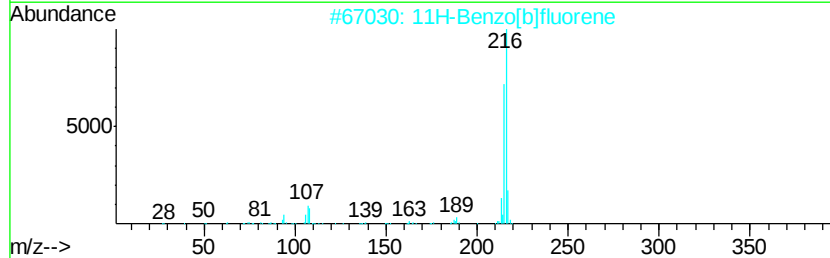
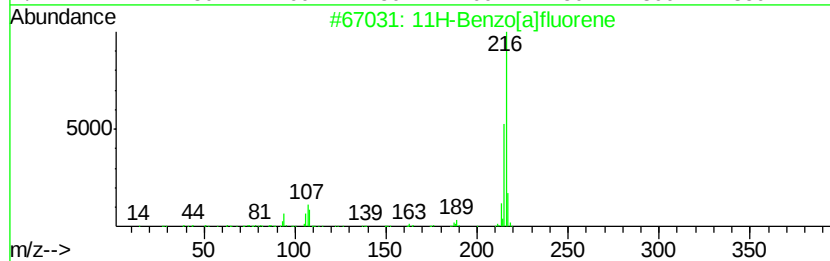
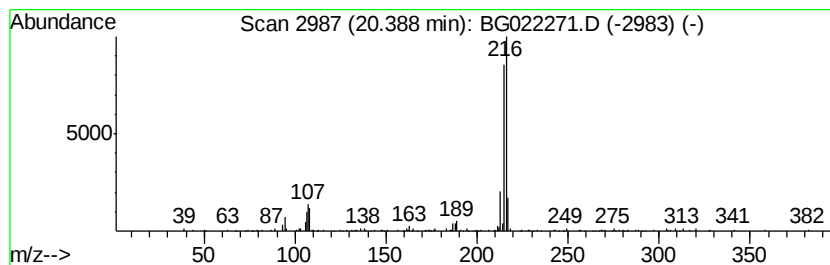
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	2.22 ng	154659	Chrysene-d12	21.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060916\
Data File : BG022271.D
Acq On : 9 Jun 2016 16:32
Operator : UM/SJ
Sample : H3402-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-40

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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
unknown2.99	2.99	54.2	ng	813896	1	8.12	300453	20.0
2-Pentanone, 4-hy...	5.19	2.2	ng	32693	1	8.12	300453	20.0
unknown7.65	7.65	29.2	ng	438002	1	8.12	300453	20.0
Phenanthrene, 2-m...	18.37	3.1	ng	120454	4	17.49	781233	20.0
4H-Cyclopenta[def...	18.56	5.8	ng	225425	4	17.49	781233	20.0
Phenanthrene, 3,6...	19.27	2.4	ng	94030	4	17.49	781233	20.0
11H-Benzo[a]fluorene	20.39	2.2	ng	154659	5	21.77	1395610	20.0