

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016754.D
 Acq On : 28 Apr 2015 5:44
 Operator : TP/IZ
 Sample : G1991-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-63D

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	2.721	3	5	12	rVB	487624	576987	21.45%	2.323%
2	4.683	331	339	348	rVB2	137820	244944	9.11%	0.986%
3	5.165	415	421	439	rBV	1037302	1508592	56.08%	6.073%
4	6.775	688	695	709	rBV	1042293	1676256	62.31%	6.748%
5	7.115	745	753	763	rBV	1108325	1744520	64.85%	7.023%
6	7.574	824	831	840	rBV	193576	300813	11.18%	1.211%
7	7.891	877	885	894	rBV	849247	1317900	48.99%	5.306%
8	8.731	1021	1028	1038	rBV	597496	987515	36.71%	3.976%
9	10.359	1298	1305	1311	rBV	264396	441769	16.42%	1.778%
10	12.844	1721	1728	1747	rBV	1527204	2203538	81.92%	8.871%
11	13.690	1865	1872	1881	rBV	40454	57279	2.13%	0.231%
12	14.225	1956	1963	1970	rBV2	393063	596067	22.16%	2.400%
13	14.289	1970	1974	1981	rVB2	32789	48285	1.79%	0.194%
14	14.630	2026	2032	2036	rBV	19859	28954	1.08%	0.117%
15	15.276	2136	2142	2152	rBV	34468	51830	1.93%	0.209%
16	15.594	2188	2196	2204	rVB2	40783	70368	2.62%	0.283%
17	15.723	2212	2218	2227	rBV	1109625	1540755	57.28%	6.203%
18	16.722	2379	2388	2394	rBV7	14237	36025	1.34%	0.145%
19	16.792	2396	2400	2410	rVB	25356	39598	1.47%	0.159%
20	16.969	2423	2430	2434	rBV	477372	673067	25.02%	2.710%
21	17.010	2434	2437	2444	rVV	474500	670708	24.93%	2.700%
22	17.104	2444	2453	2459	rVB	114615	179836	6.69%	0.724%
23	17.380	2497	2500	2511	rVB	30072	49704	1.85%	0.200%
24	17.844	2572	2579	2582	rBV	54635	79457	2.95%	0.320%
25	17.891	2582	2587	2594	rVV	92445	159432	5.93%	0.642%
26	17.973	2595	2601	2607	rVV	31441	50977	1.90%	0.205%
27	18.038	2607	2612	2616	rVV2	74168	137854	5.12%	0.555%
28	18.073	2616	2618	2626	rVB	39538	54130	2.01%	0.218%
29	18.349	2661	2665	2669	rBV	45562	59253	2.20%	0.239%
30	18.396	2669	2673	2679	rVB2	24599	31926	1.19%	0.129%
31	18.602	2700	2708	2712	rBV4	17497	33868	1.26%	0.136%
32	18.772	2726	2737	2740	rBV	28849	52838	1.96%	0.213%
33	18.913	2756	2761	2769	rVB4	28292	55595	2.07%	0.224%
34	19.037	2776	2782	2788	rBV	722901	898666	33.41%	3.618%

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35	19.372	2833	2839	2840	rBV2	108925	151052	5.62%	0.608%
36	19.401	2840	2844	2852	rVB	574960	789378	29.34%	3.178%
37	19.471	2852	2856	2863	rVB3	35209	59070	2.20%	0.238%
38	19.607	2863	2879	2884	rBV	2184603	2689997	100.00%	10.829%
39	19.642	2884	2885	2890	rVB	42613	38375	1.43%	0.154%
40	19.724	2893	2899	2900	rBV	39243	56885	2.11%	0.229%
41	19.859	2917	2922	2924	rBV4	32346	51492	1.91%	0.207%
42	19.895	2924	2928	2934	rVB	60902	100302	3.73%	0.404%
43	19.994	2941	2945	2949	rBV	35235	41952	1.56%	0.169%
44	20.053	2949	2955	2959	rVV3	57084	92719	3.45%	0.373%
45	20.194	2975	2979	2982	rBV2	30352	40964	1.52%	0.165%
46	20.241	2982	2987	2991	rVV4	33143	49954	1.86%	0.201%
47	20.647	3052	3056	3062	rVB2	43426	62880	2.34%	0.253%
48	20.805	3076	3083	3086	rBV2	47414	86137	3.20%	0.347%
49	20.846	3086	3090	3092	rVV	60243	82124	3.05%	0.331%
50	20.876	3092	3095	3101	rVV3	82683	166891	6.20%	0.672%
51	20.946	3103	3107	3116	rVB2	48520	90502	3.36%	0.364%
52	21.158	3136	3143	3147	rBV2	697297	1199531	44.59%	4.829%
53	21.193	3147	3149	3159	rVB	281727	339952	12.64%	1.369%
54	21.311	3166	3169	3176	rBV	48380	63743	2.37%	0.257%
55	21.469	3192	3196	3201	rBV3	34437	61386	2.28%	0.247%
56	21.698	3232	3235	3238	rVB	41922	48179	1.79%	0.194%
57	22.697	3399	3405	3416	rBV2	196338	574597	21.36%	2.313%
58	23.161	3479	3484	3493	rVB	121144	226777	8.43%	0.913%
59	23.255	3495	3500	3508	rVB	175039	307837	11.44%	1.239%
60	23.355	3510	3517	3522	rBV2	364568	707867	26.31%	2.850%

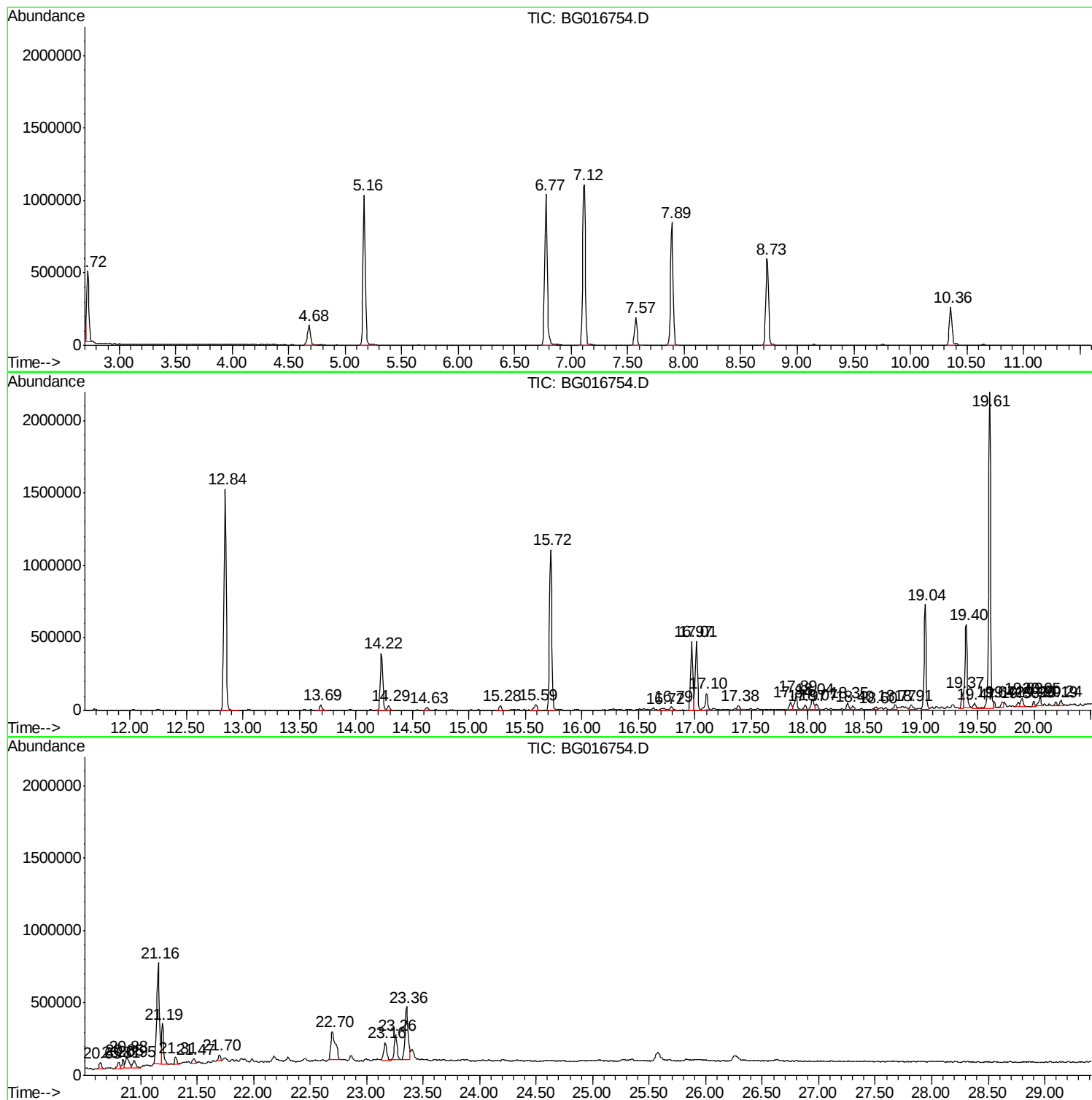
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BNA_G
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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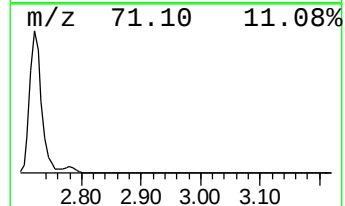
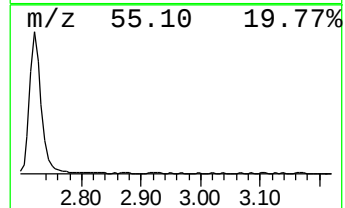
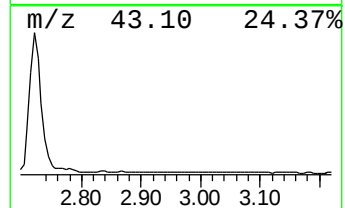
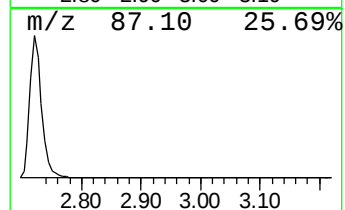
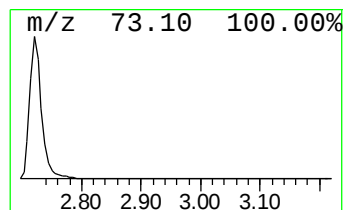
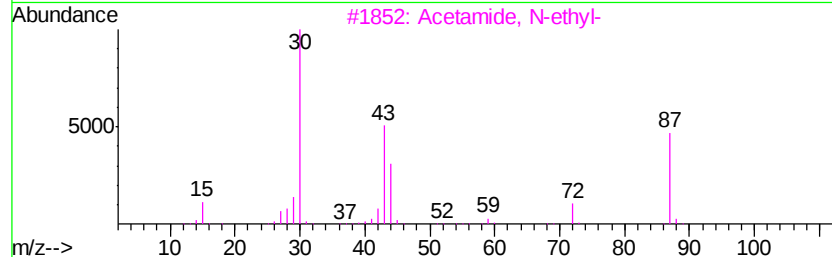
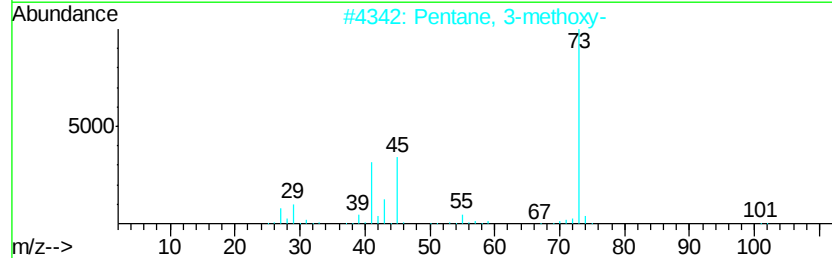
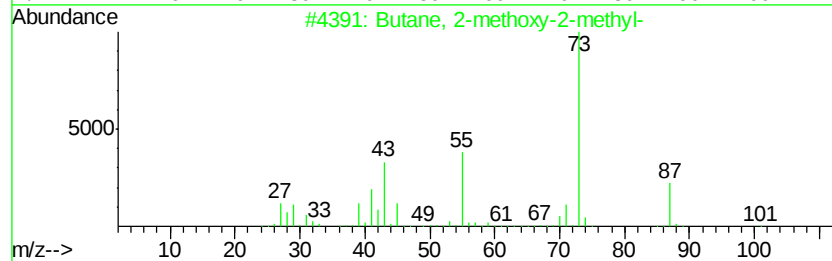
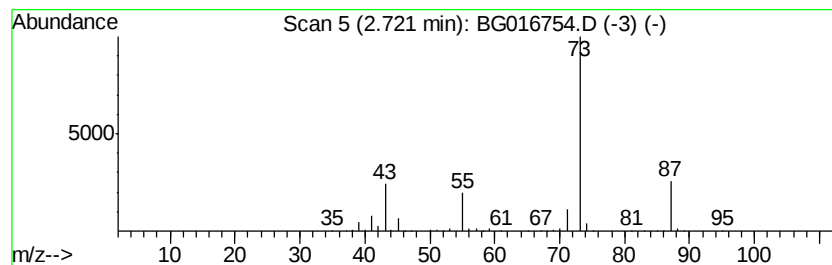
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	38.36 ng	576987	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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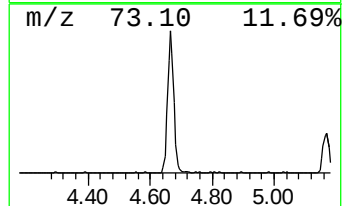
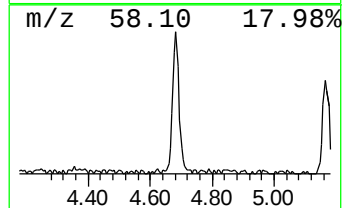
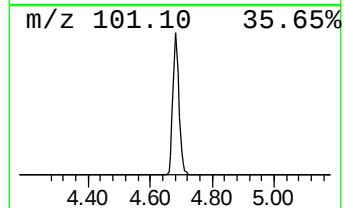
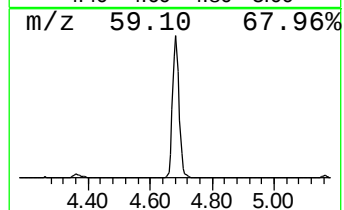
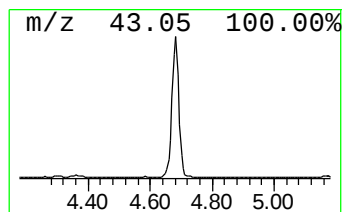
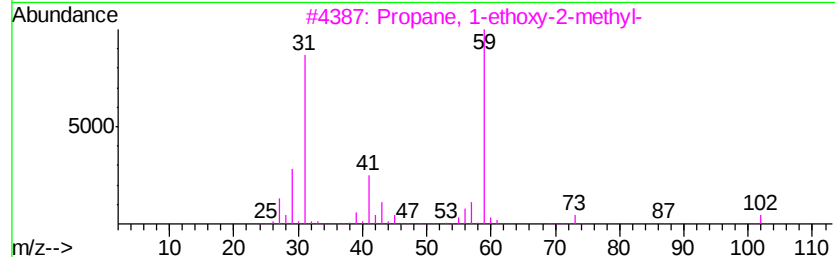
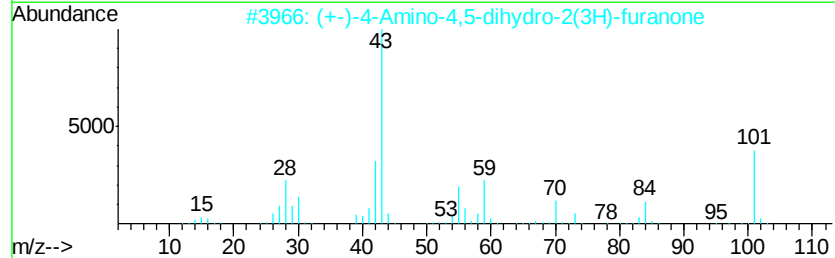
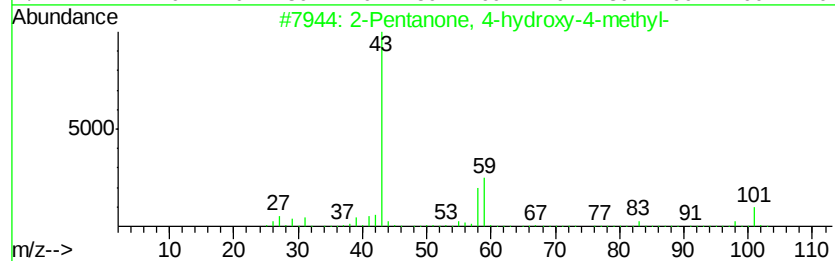
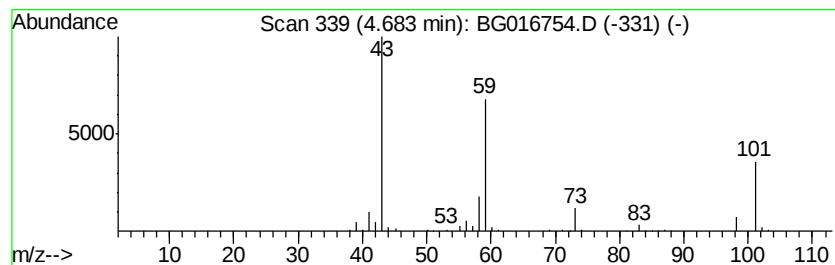
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	16.29 ng	244944	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
3		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
5		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	32



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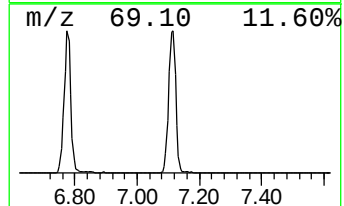
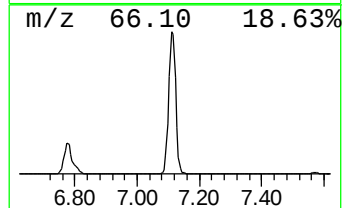
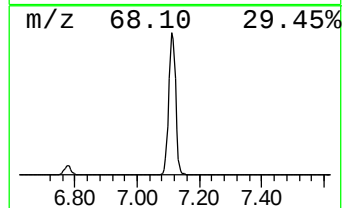
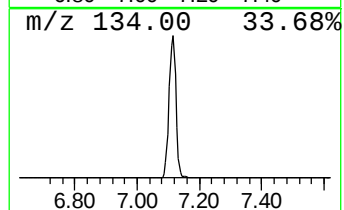
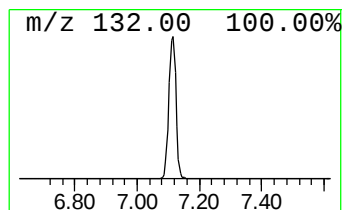
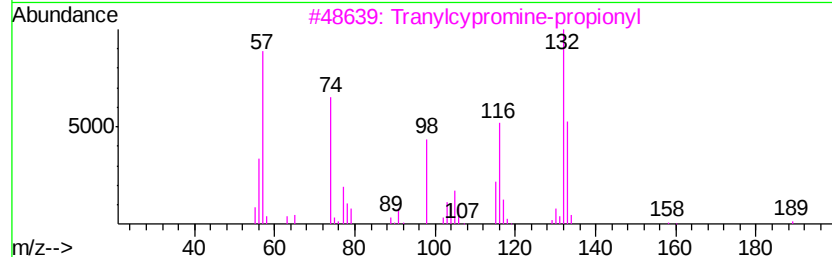
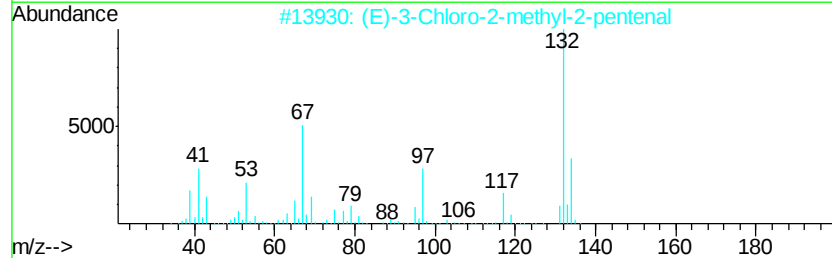
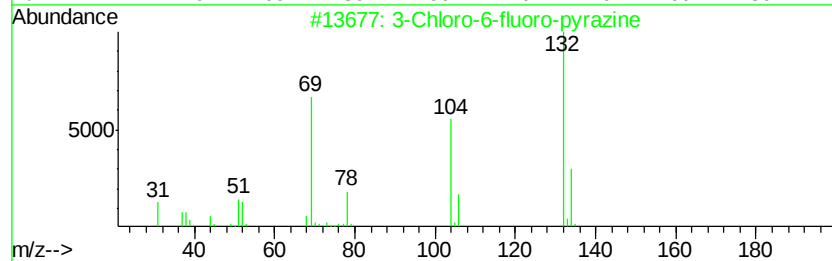
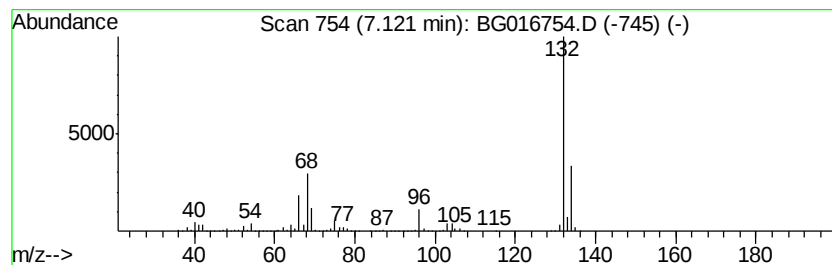
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	115.99 ng	1744520	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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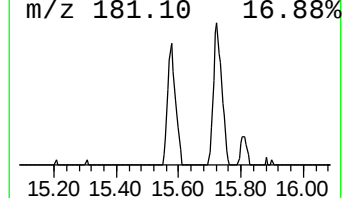
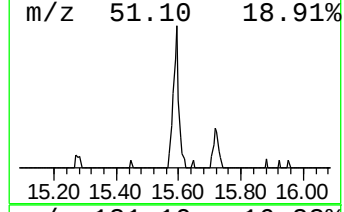
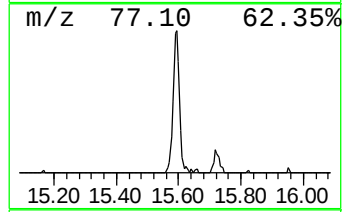
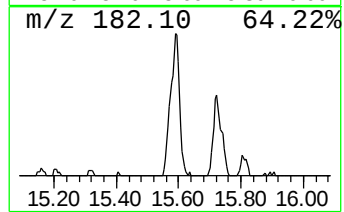
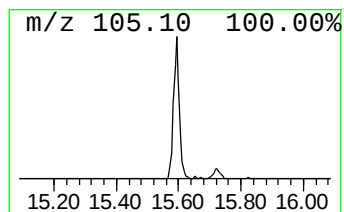
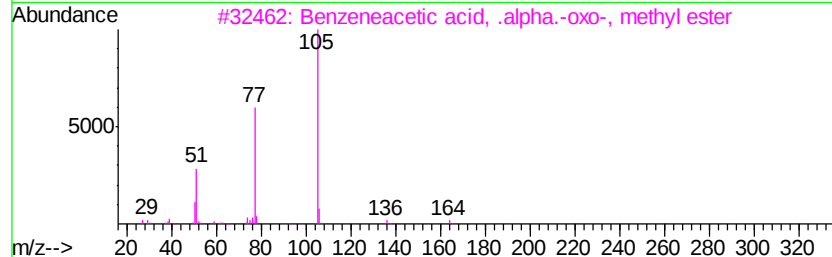
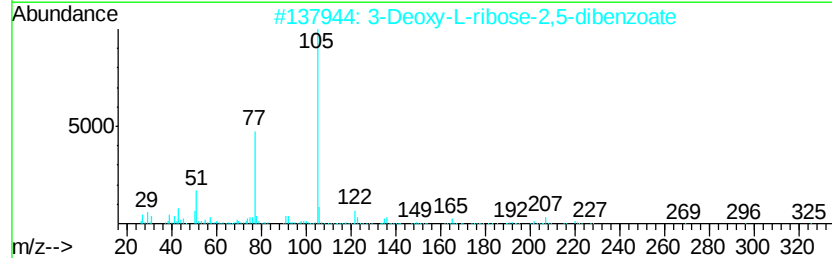
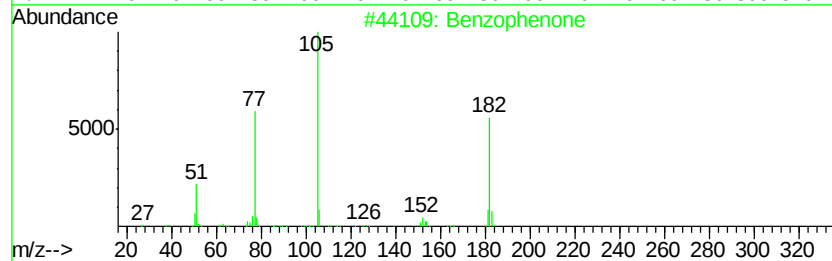
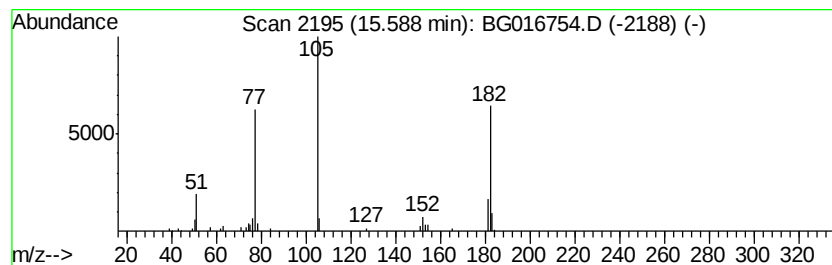
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	2.36 ng	70368	Acenaphthene-d10	14.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzophenone	182	C13H10O	000119-61-9	96
2		3-Deoxy-L-ribose-2,5-dibenzoate	342	C19H18O6	1000194-12-7	43
3		Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	43
4		1,2(4H)-Oxazine-3-ol, 5,6-dihydr...	219	C11H9N04	1000253-25-6	43
5		Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	43



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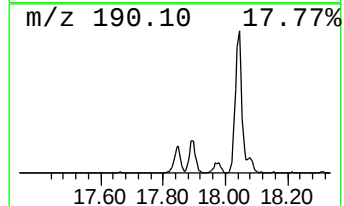
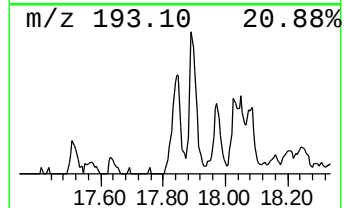
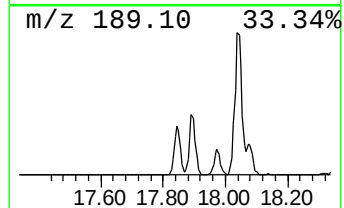
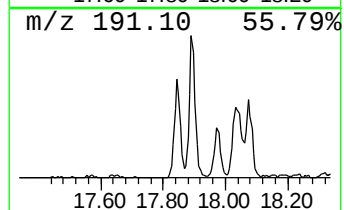
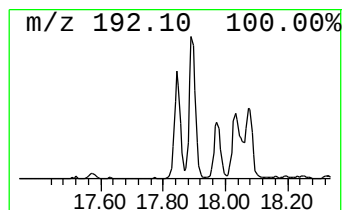
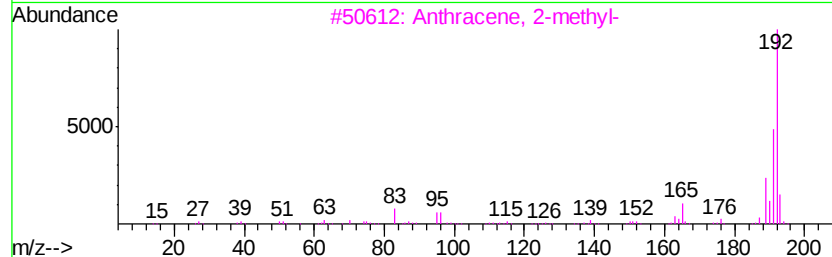
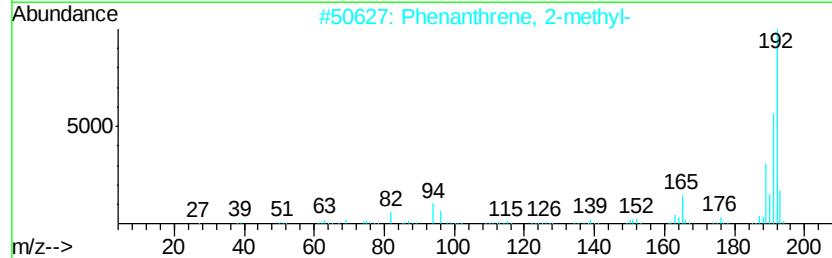
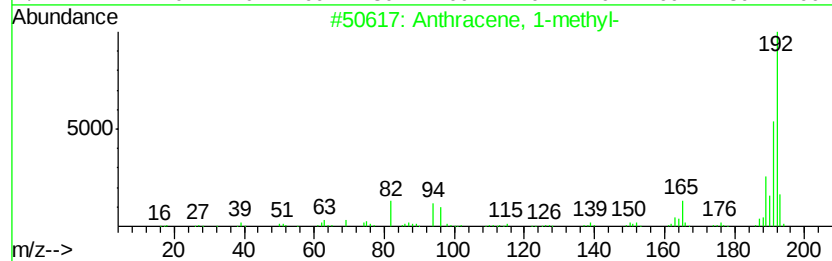
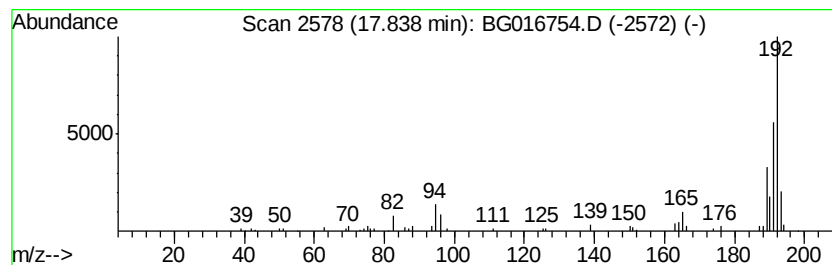
Instrument :
BNA_G
ClientSampleId :
SB-63D

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 6 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.84	2.36 ng	79457	Phenanthrene-d10		16.97
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016754.D
Acq On : 28 Apr 2015 5:44
Operator : TP/IZ
Sample : G1991-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-63D

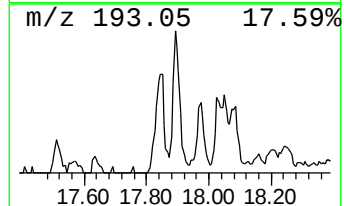
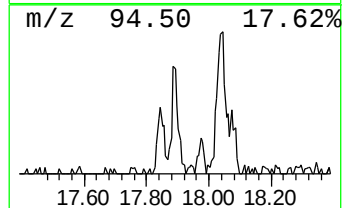
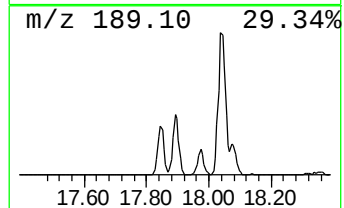
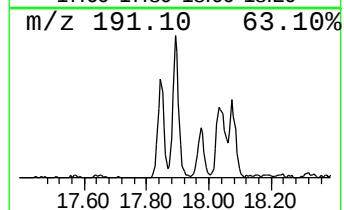
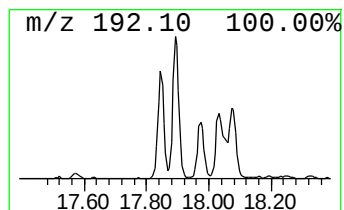
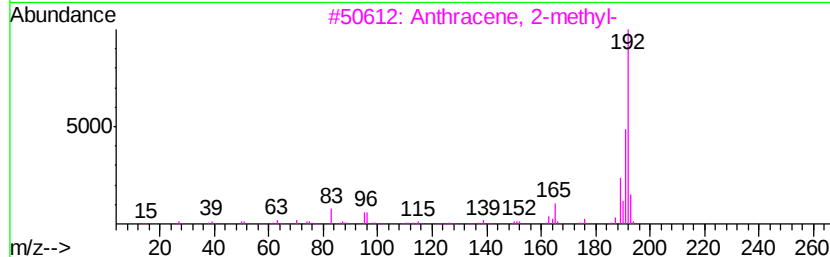
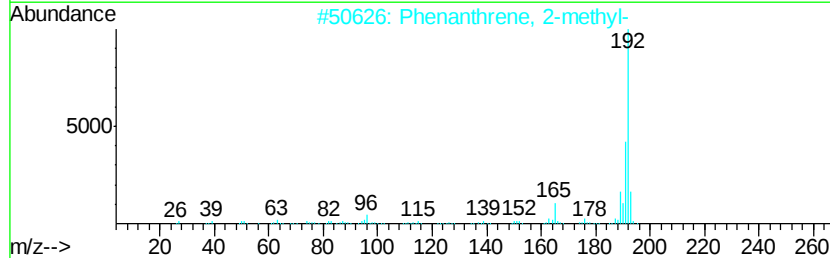
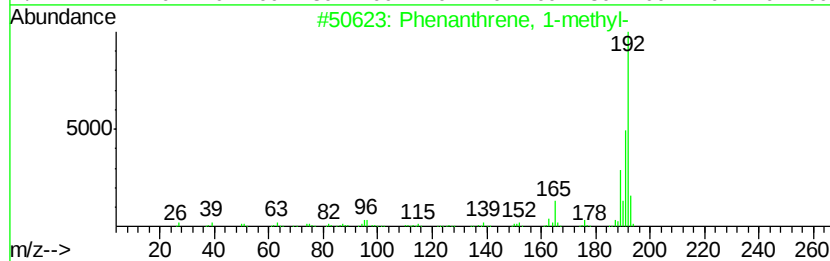
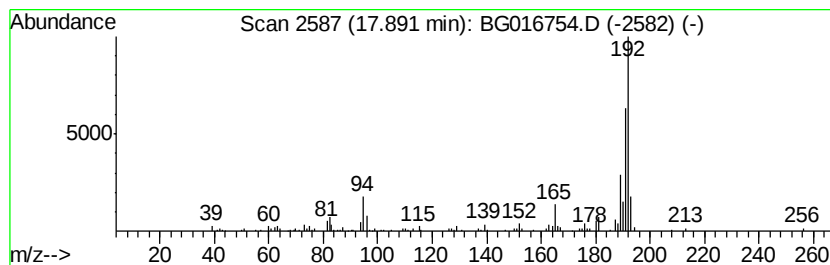
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.74 ng	159432	Phenanthrene-d10	16.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016754.D
Acq On : 28 Apr 2015 5:44
Operator : TP/IZ
Sample : G1991-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-63D

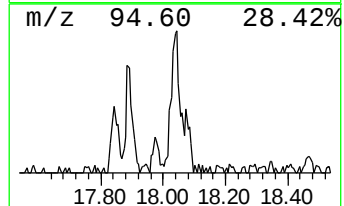
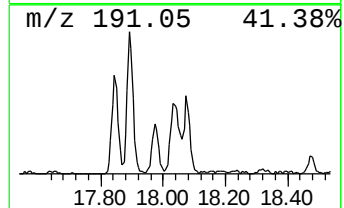
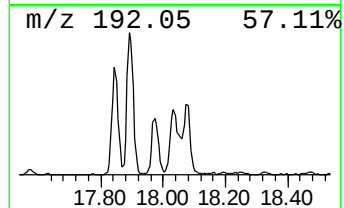
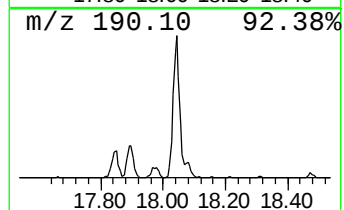
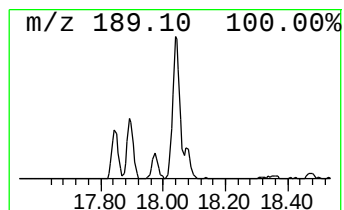
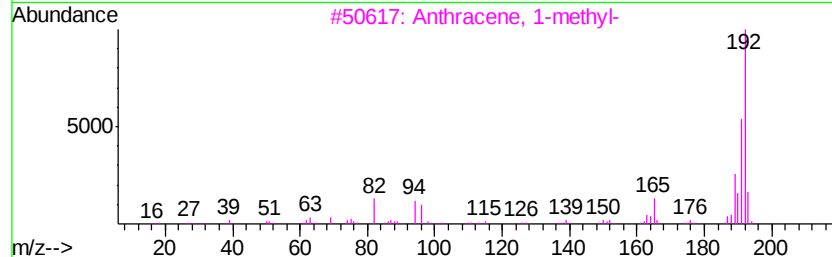
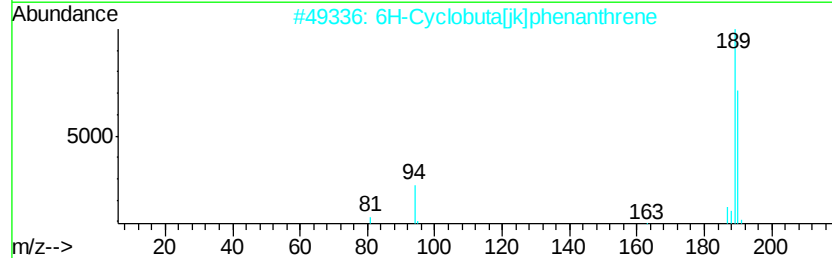
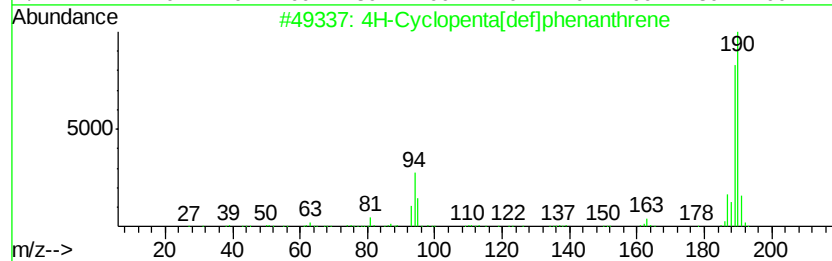
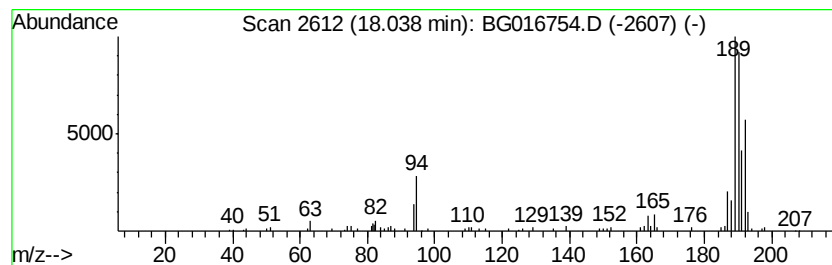
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	4.10 ng	137854	Phenanthrene-d10	16.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	35
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	30
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042715\
Data File : BG016754.D
Acq On : 28 Apr 2015 5:44
Operator : TP/IZ
Sample : G1991-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-63D

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
Butane, 2-methoxy...	2.72	38.4	ng	576987	1	7.57	300813	20.0
2-Pentanone, 4-hy...	4.68	16.3	ng	244944	1	7.57	300813	20.0
unknown7.12	7.12	116.0	ng	1744520	1	7.57	300813	20.0
Benzophenone	15.59	2.4	ng	70368	3	14.22	596067	20.0
Anthracene, 1-met...	17.84	2.4	ng	79457	4	16.97	673067	20.0
Phenanthrene, 1-m...	17.89	4.7	ng	159432	4	16.97	673067	20.0
4H-Cyclopenta[def...	18.04	4.1	ng	137854	4	16.97	673067	20.0