

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
 Data File : BG022263.D
 Acq On : 9 Jun 2016 11:14
 Operator : UM/SJ
 Sample : H3402-10 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-44

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	44	rVB	807909	1304608	100.00%	8.608%
2	3.761	153	157	166	rBV	10658	21500	1.65%	0.142%
3	5.188	393	400	408	rBV	13247	25505	1.95%	0.168%
4	5.664	474	481	497	rBV	259383	494528	37.91%	3.263%
5	7.274	747	755	770	rBV	291222	587920	45.06%	3.879%
6	7.644	811	818	833	rBV	312406	632226	48.46%	4.172%
7	8.114	890	898	907	rBV	118966	228439	17.51%	1.507%
8	8.437	944	953	966	rBV	249869	493307	37.81%	3.255%
9	9.289	1088	1098	1114	rBV	168207	355837	27.28%	2.348%
10	10.934	1369	1378	1398	rBV	199922	421007	32.27%	2.778%
11	13.367	1784	1792	1806	rBV	615457	1066829	81.77%	7.039%
12	14.184	1925	1931	1941	rVB	113594	190351	14.59%	1.256%
13	14.748	2018	2027	2034	rBV2	309421	568009	43.54%	3.748%
14	14.806	2034	2037	2045	rVB	24944	42766	3.28%	0.282%
15	15.147	2088	2095	2100	rBV3	9692	19253	1.48%	0.127%
16	15.788	2198	2204	2213	rVB2	20735	38971	2.99%	0.257%
17	16.081	2249	2254	2261	rVB3	6026	13125	1.01%	0.087%
18	16.234	2273	2280	2292	rBV	359940	626911	48.05%	4.136%
19	16.422	2306	2312	2314	rBV3	8896	14486	1.11%	0.096%
20	16.792	2363	2375	2380	rBV8	8493	28856	2.21%	0.190%
21	17.063	2417	2421	2430	rVB9	6529	14449	1.11%	0.095%
22	17.145	2430	2435	2441	rBV2	11278	20478	1.57%	0.135%
23	17.209	2441	2446	2451	rBV4	18263	32734	2.51%	0.216%
24	17.315	2459	2464	2471	rVB	15021	24961	1.91%	0.165%
25	17.491	2487	2494	2497	rBV2	341900	588759	45.13%	3.885%
26	17.533	2497	2501	2508	rVV	276517	471882	36.17%	3.114%
27	17.621	2508	2516	2524	rVV	57224	104605	8.02%	0.690%
28	17.897	2555	2563	2567	rVV3	18323	42958	3.29%	0.283%
29	17.950	2568	2572	2578	rVV3	16532	28483	2.18%	0.188%
30	18.067	2588	2592	2599	rVB7	9960	18309	1.40%	0.121%
31	18.361	2636	2642	2646	rBV	42955	77299	5.93%	0.510%
32	18.408	2646	2650	2658	rVB	56797	95336	7.31%	0.629%
33	18.490	2659	2664	2669	rBV	19462	28309	2.17%	0.187%
34	18.561	2669	2676	2679	rBV3	57616	122144	9.36%	0.806%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
 Data File : BG022263.D
 Acq On : 9 Jun 2016 11:14
 Operator : UM/SJ
 Sample : H3402-10 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-44

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	18.855	2721	2726	2730	rBV2	28905	47253	3.62%	0.312%
36	18.902	2730	2734	2740	rVB3	18419	32595	2.50%	0.215%
37	19.101	2758	2768	2772	rBV6	17722	44454	3.41%	0.293%
38	19.142	2772	2775	2779	rBV4	9651	13504	1.04%	0.089%
39	19.189	2779	2783	2790	rVB6	9606	14686	1.13%	0.097%
40	19.266	2791	2796	2800	rBV2	37459	61841	4.74%	0.408%
41	19.325	2803	2806	2810	rVV5	12734	16246	1.25%	0.107%
42	19.413	2816	2821	2828	rBV3	29363	54669	4.19%	0.361%
43	19.536	2835	2842	2848	rBV	466773	749156	57.42%	4.943%
44	19.630	2854	2858	2862	rVB4	13091	18329	1.40%	0.121%
45	19.895	2892	2903	2910	rBV	430174	802272	61.50%	5.294%
46	19.965	2911	2915	2921	rVB4	25343	43620	3.34%	0.288%
47	20.083	2929	2935	2941	rBV	858196	1216599	93.25%	8.027%
48	20.212	2953	2957	2958	rBV4	26027	36088	2.77%	0.238%
49	20.382	2975	2986	2992	rBV2	50577	148921	11.41%	0.983%
50	20.482	2999	3003	3007	rBV2	38815	63913	4.90%	0.422%
51	20.541	3010	3013	3023	rVB3	54655	105782	8.11%	0.698%
52	20.682	3033	3037	3040	rBV	36096	54394	4.17%	0.359%
53	20.723	3040	3044	3048	rVV2	35561	59449	4.56%	0.392%
54	21.152	3113	3117	3124	rVB2	35561	57804	4.43%	0.381%
55	21.375	3152	3155	3160	rVB2	34140	52481	4.02%	0.346%
56	21.763	3212	3221	3226	rBV3	393834	997982	76.50%	6.585%
57	21.810	3226	3229	3237	rVB	164663	282481	21.65%	1.864%
58	21.963	3253	3255	3261	rVB	24064	40096	3.07%	0.265%
59	24.025	3596	3606	3623	rBV3	110626	548517	42.04%	3.619%
60	24.912	3749	3757	3768	rVB2	90750	275380	21.11%	1.817%
61	25.059	3774	3782	3792	rBV3	146345	472008	36.18%	3.114%

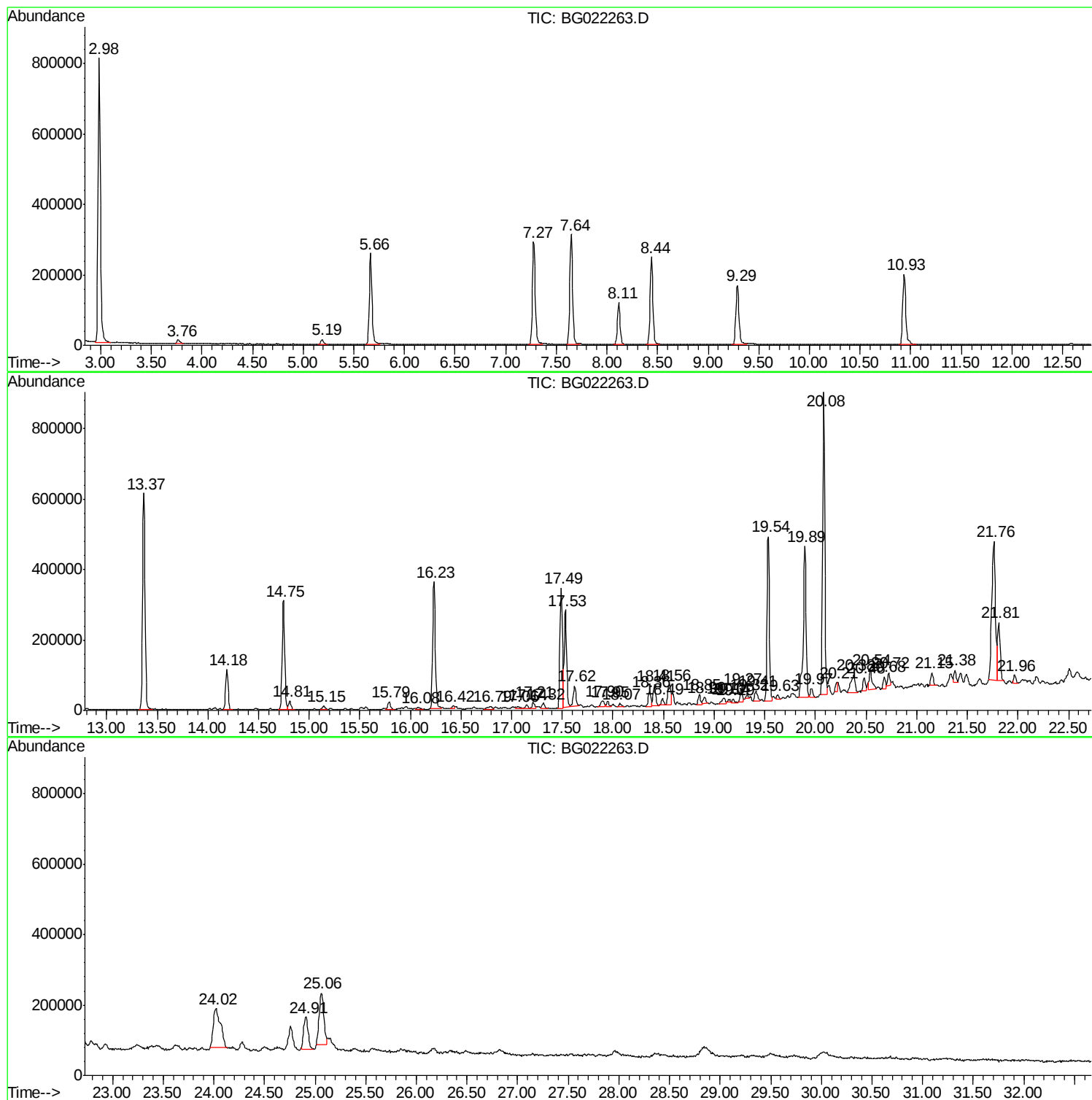
Sum of corrected areas: 15155660

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022263.D
Acq On : 9 Jun 2016 11:14
Operator : UM/SJ
Sample : H3402-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-44

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 : BG022263.D
Acq On : 9 Jun 2016 11:14
Operator : UM/SJ
Sample : H3402-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-44

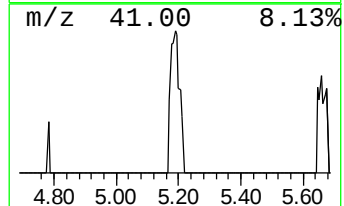
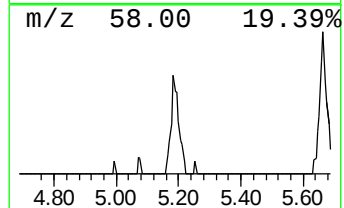
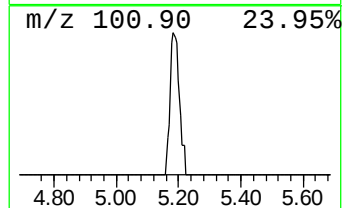
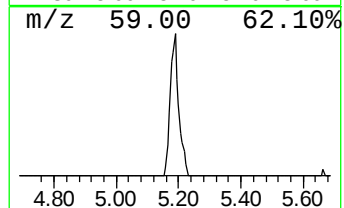
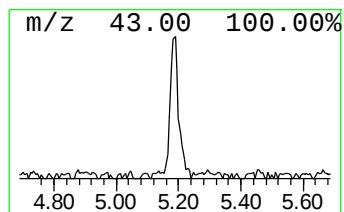
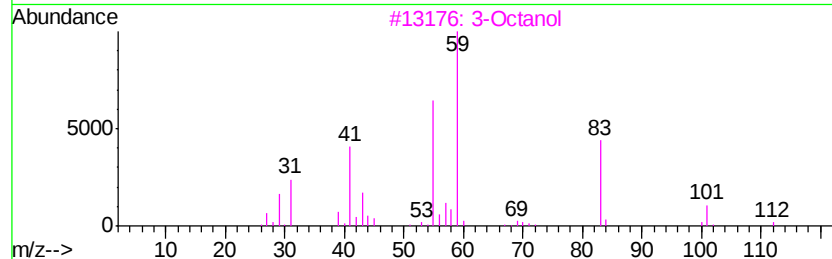
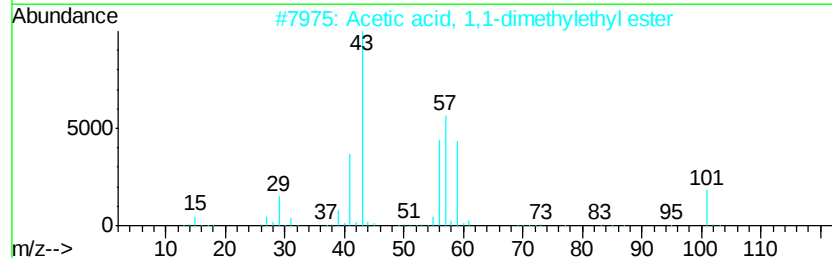
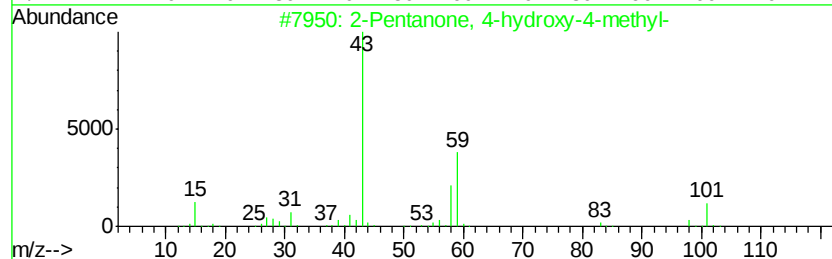
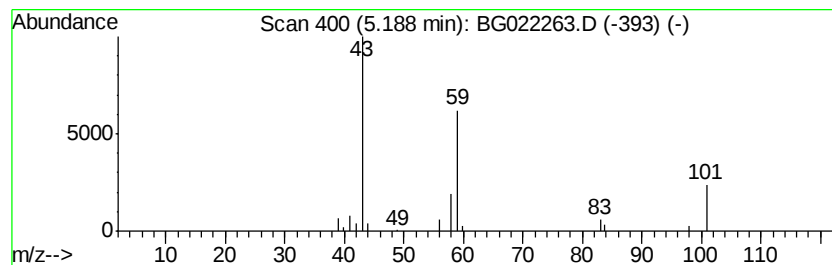
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.23 ng	25505	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3		3-Octanol	130	C8H18O	000589-98-0	23
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Acetone	58	C3H6O	000067-64-1	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022263.D
Acq On : 9 Jun 2016 11:14
Operator : UM/SJ
Sample : H3402-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-44

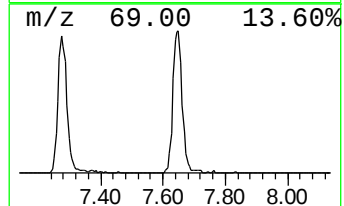
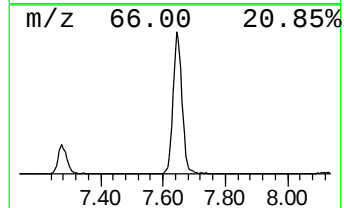
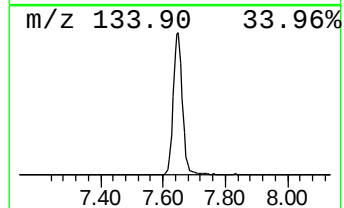
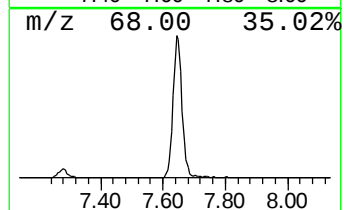
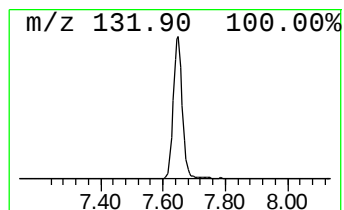
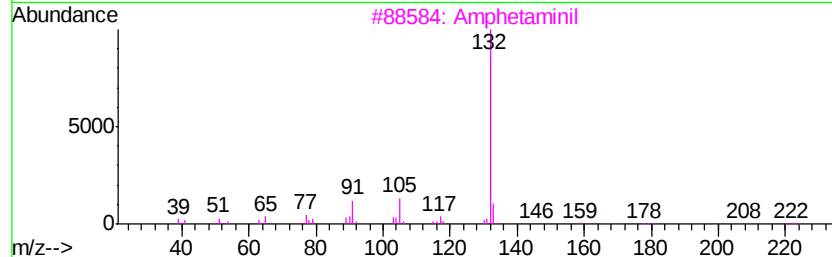
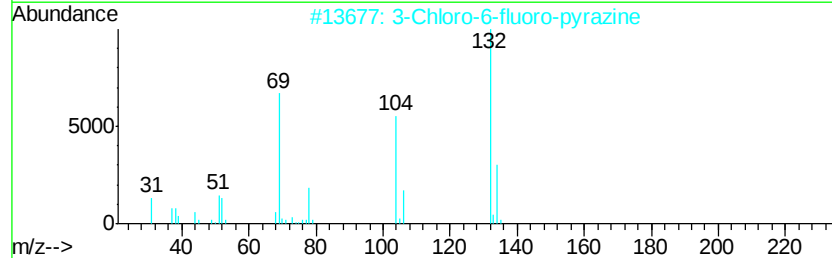
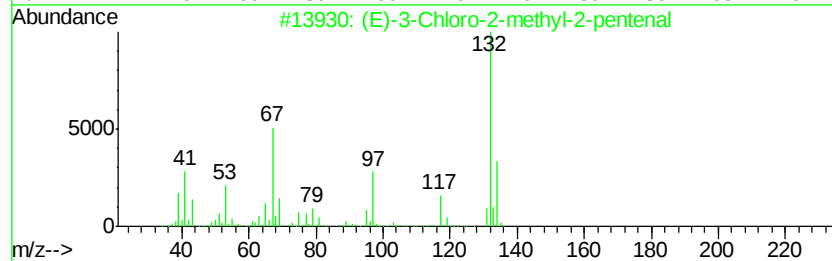
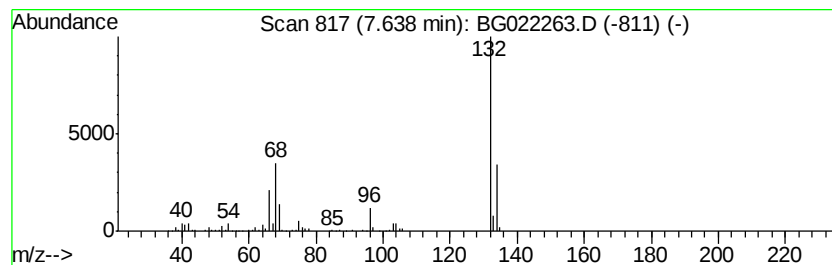
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	55.35 ng	632226	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022263.D
Acq On : 9 Jun 2016 11:14
Operator : UM/SJ
Sample : H3402-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-44

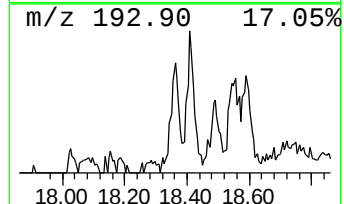
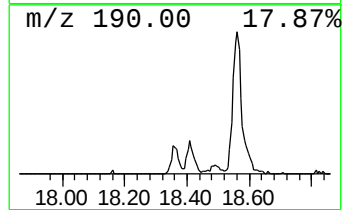
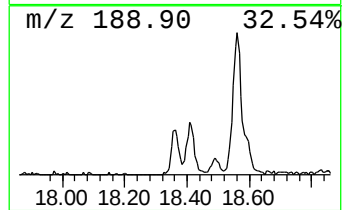
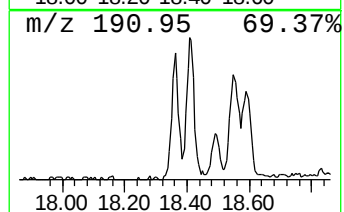
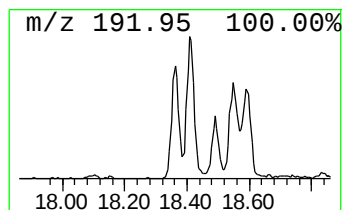
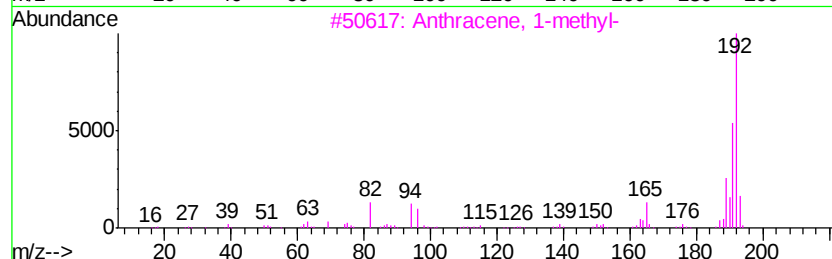
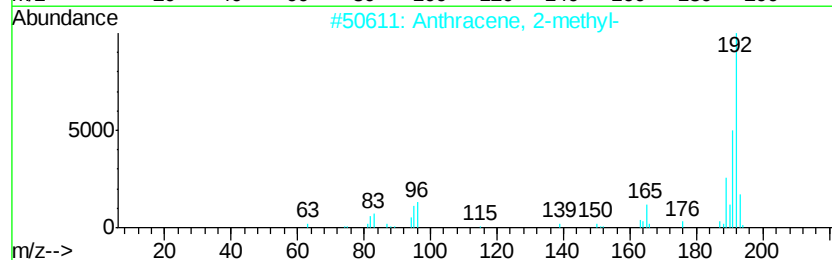
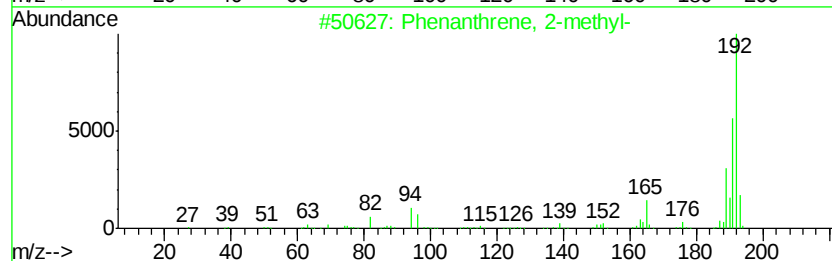
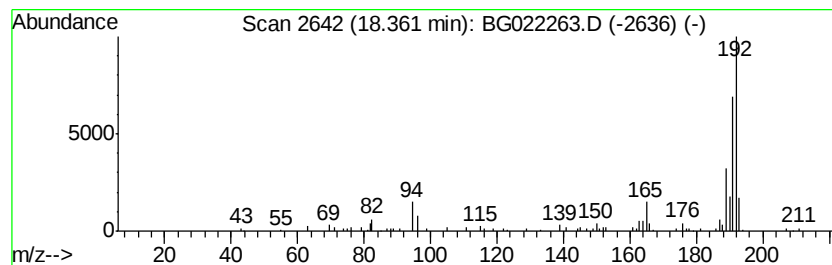
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
18.36	2.63 ng	77299	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022263.D
Acq On : 9 Jun 2016 11:14
Operator : UM/SJ
Sample : H3402-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-44

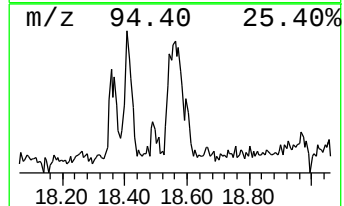
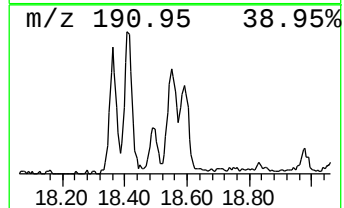
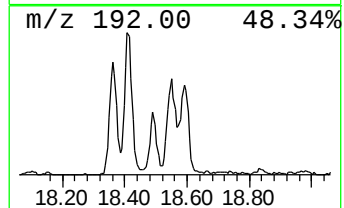
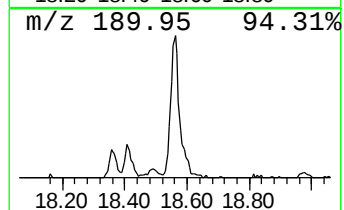
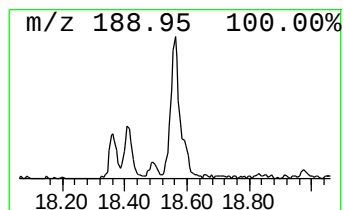
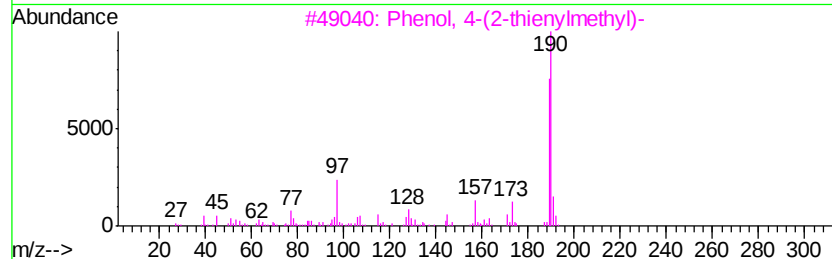
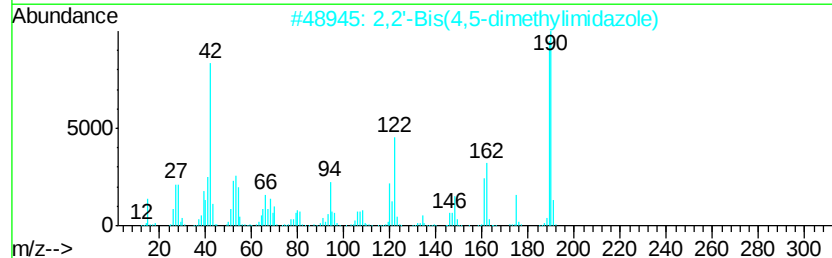
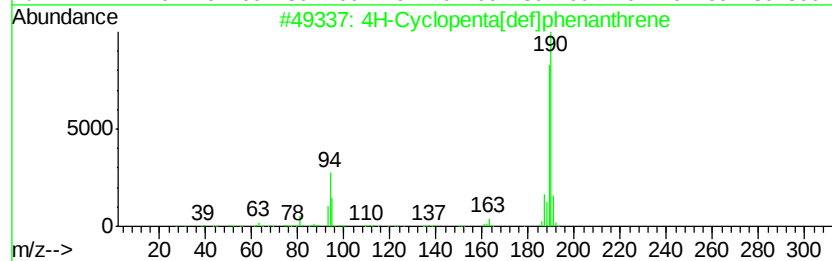
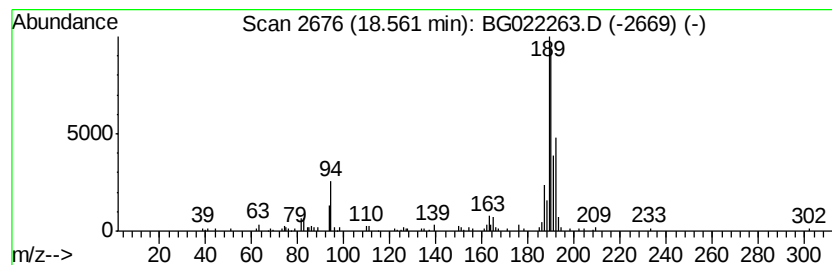
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	4.15 ng	122144	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
3		Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	28
4		Benzene-1,2-dicarbonitrile, 4-ch...	247	C12H10ClN3O	309735-19-1	17
5		4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	17



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022263.D
Acq On : 9 Jun 2016 11:14
Operator : UM/SJ
Sample : H3402-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-44

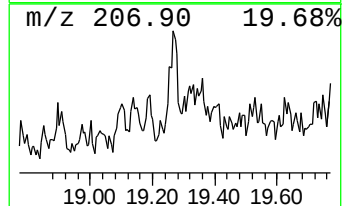
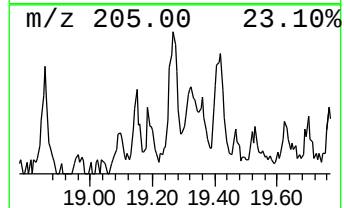
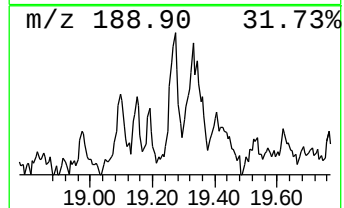
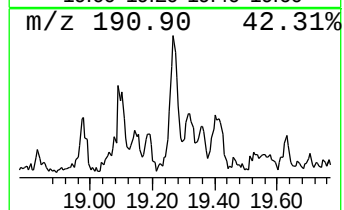
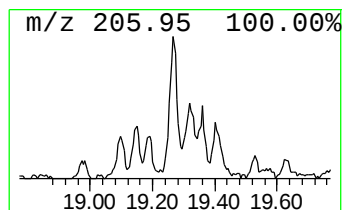
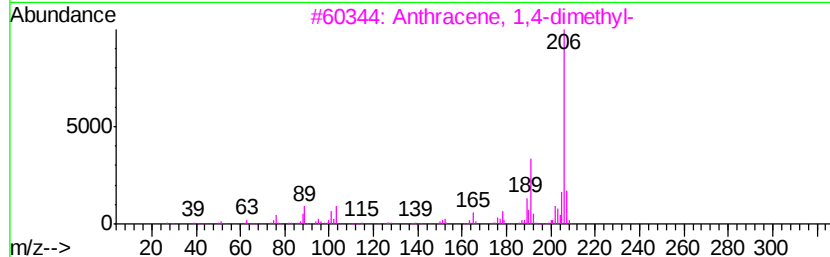
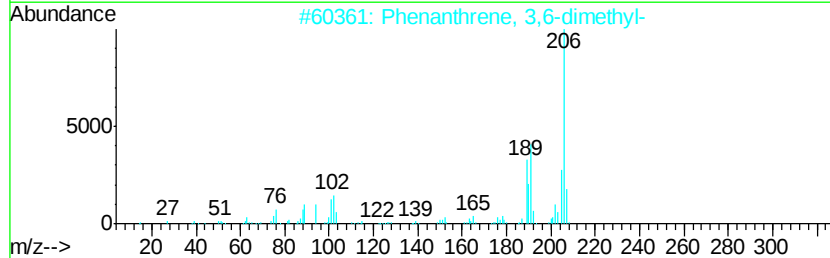
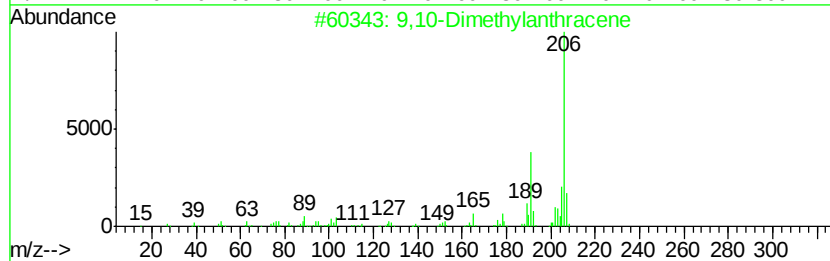
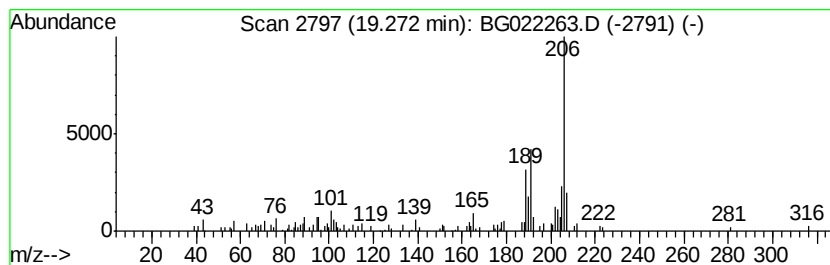
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Dimethylantracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.10 ng	61841	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene			206	C16H14	000781-43-1	94
2	Phenanthrene, 3,6-dimethyl-			206	C16H14	001576-67-6	93
3	Anthracene, 1,4-dimethyl-			206	C16H14	000781-92-0	91
4	Phenanthrene, 2,5-dimethyl-			206	C16H14	003674-66-6	90
5	di-p-Tolylacetylene			206	C16H14	002789-88-0	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG02263.D
Acq On : 9 Jun 2016 11:14
Operator : UM/SJ
Sample : H3402-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-44

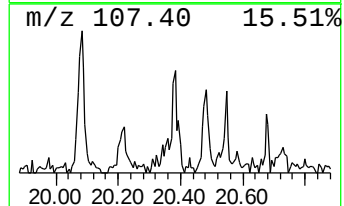
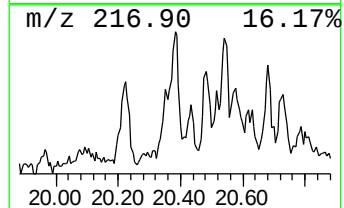
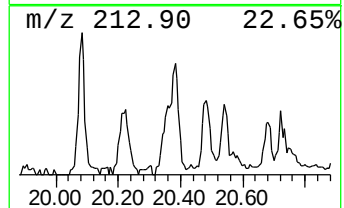
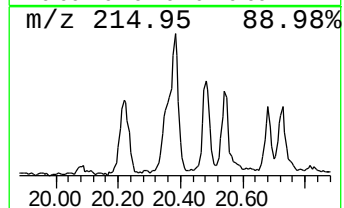
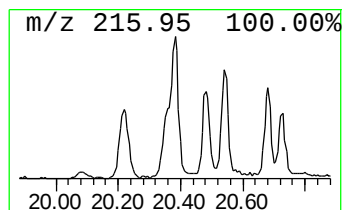
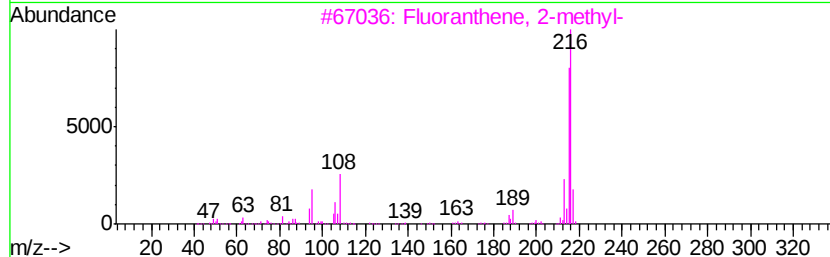
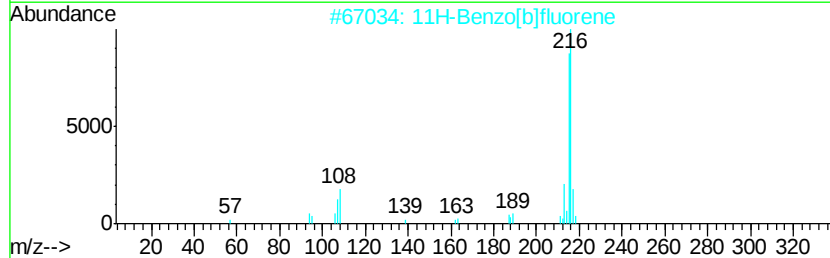
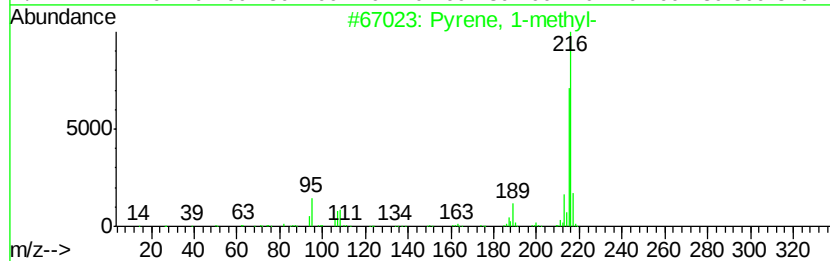
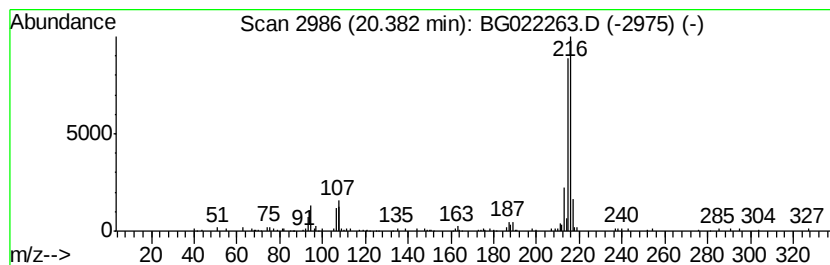
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.98 ng	148921	Chrysene-d12	21.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060916\
Data File : BG022263.D
Acq On : 9 Jun 2016 11:14
Operator : UM/SJ
Sample : H3402-10 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-44

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
2-Pentanone, 4-hy...	5.19	2.2	ng	25505	1	8.11	228439	20.0
unknown7.64	7.64	55.4	ng	632226	1	8.11	228439	20.0
Phenanthrene, 2-m...	18.36	2.6	ng	77299	4	17.49	588759	20.0
4H-Cyclopenta[def...	18.56	4.2	ng	122144	4	17.49	588759	20.0
9,10-Dimethylanthe...	19.27	2.1	ng	61841	4	17.49	588759	20.0
Pyrene, 1-methyl-	20.38	3.0	ng	148921	5	21.76	997982	20.0