

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055499.D
 Acq On : 8 Nov 2022 5:50
 Operator : CG/JU
 Sample : N5478-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-NYE-AVE

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055499.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.115	339	345	353	rBV	66417	98937	6.56%	0.847%
2	5.608	422	429	436	rBV	389662	609009	40.41%	5.214%
3	7.242	698	707	720	rBV	396385	679537	45.09%	5.818%
4	8.082	841	850	857	rBV	127984	207290	13.75%	1.775%
5	9.263	1041	1051	1062	rBV	243961	431858	28.66%	3.697%
6	10.908	1324	1331	1337	rBV	181046	320677	21.28%	2.745%
7	10.961	1337	1340	1346	rVB2	12393	18462	1.23%	0.158%
8	12.559	1607	1612	1618	rVB	16586	24762	1.64%	0.212%
9	12.776	1639	1649	1654	rBV	13729	20926	1.39%	0.179%
10	13.346	1739	1746	1752	rBV	777951	1187451	78.79%	10.166%
11	13.899	1833	1840	1845	rVB4	7727	15725	1.04%	0.135%
12	14.046	1858	1865	1870	rBV	12569	20449	1.36%	0.175%
13	14.721	1968	1980	1986	rBV	313597	460968	30.59%	3.946%
14	14.786	1986	1991	1997	rVB	36511	54593	3.62%	0.467%
15	15.115	2040	2047	2053	rBV2	13903	22995	1.53%	0.197%
16	15.761	2151	2157	2166	rVB	38461	57995	3.85%	0.497%
17	15.926	2181	2185	2189	rVB3	10676	15122	1.00%	0.129%
18	16.208	2227	2233	2246	rBV	571181	861583	57.17%	7.376%
19	16.760	2316	2327	2331	rBV3	13275	29991	1.99%	0.257%
20	17.277	2411	2415	2423	rVB	20206	29423	1.95%	0.252%
21	17.459	2440	2446	2450	rBV	334186	533638	35.41%	4.569%
22	17.500	2450	2453	2459	rVV	316955	439790	29.18%	3.765%
23	17.588	2459	2468	2474	rVV	71871	116104	7.70%	0.994%
24	17.859	2507	2514	2520	rBV	29958	51930	3.45%	0.445%
25	18.035	2540	2544	2550	rVB	12963	19175	1.27%	0.164%
26	18.094	2550	2554	2560	rVB	22079	27809	1.85%	0.238%
27	18.182	2564	2569	2572	rBV2	8130	17379	1.15%	0.149%
28	18.329	2590	2594	2598	rBV	86271	123588	8.20%	1.058%
29	18.376	2598	2602	2609	rVB	79313	119107	7.90%	1.020%
30	18.458	2612	2616	2621	rVV	30346	41927	2.78%	0.359%
31	18.523	2621	2627	2631	rVV2	71151	146635	9.73%	1.255%
32	18.558	2631	2633	2638	rVB	43559	56064	3.72%	0.480%
33	18.816	2672	2677	2682	rBV	34544	54843	3.64%	0.470%
34	18.869	2682	2686	2694	rVB3	19816	36519	2.42%	0.313%
35	19.063	2716	2719	2723	rVB	17713	21677	1.44%	0.186%
36	19.116	2724	2728	2731	rVV	16241	20188	1.34%	0.173%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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37	19.151	2731	2734	2738	rVB3	12903	15351	1.02%	0.131%
38	19.234	2743	2748	2754	rBV	46259	90631	6.01%	0.776%
39	19.380	2768	2773	2778	rBV5	20633	44369	2.94%	0.380%
40	19.498	2787	2793	2798	rBV	284744	415801	27.59%	3.560%
41	19.592	2806	2809	2815	rVB7	16485	23168	1.54%	0.198%
42	19.827	2845	2849	2851	rBV2	45696	65759	4.36%	0.563%
43	19.862	2851	2855	2862	rVV	277572	394203	26.16%	3.375%
44	19.927	2862	2866	2871	rVB2	24286	36379	2.41%	0.311%
45	20.050	2881	2887	2892	rBV	1124720	1507059	100.00%	12.902%
46	20.444	2951	2954	2958	rBV	45220	57195	3.80%	0.490%
47	20.509	2962	2965	2968	rVB	31323	37502	2.49%	0.321%
48	20.644	2986	2988	2992	rVB	23380	22363	1.48%	0.191%
49	20.691	2993	2996	3001	rVV	24936	29378	1.95%	0.252%
50	21.337	3102	3106	3111	rBV3	37562	61737	4.10%	0.529%
51	21.572	3143	3146	3155	rVB2	32868	50204	3.33%	0.430%
52	21.713	3162	3170	3175	rBV2	372531	795997	52.82%	6.815%
53	21.760	3175	3178	3185	rVB	119254	190018	12.61%	1.627%
54	23.946	3543	3550	3567	rVB	81505	372966	24.75%	3.193%
55	24.986	3719	3727	3735	rVB2	175305	476536	31.62%	4.080%

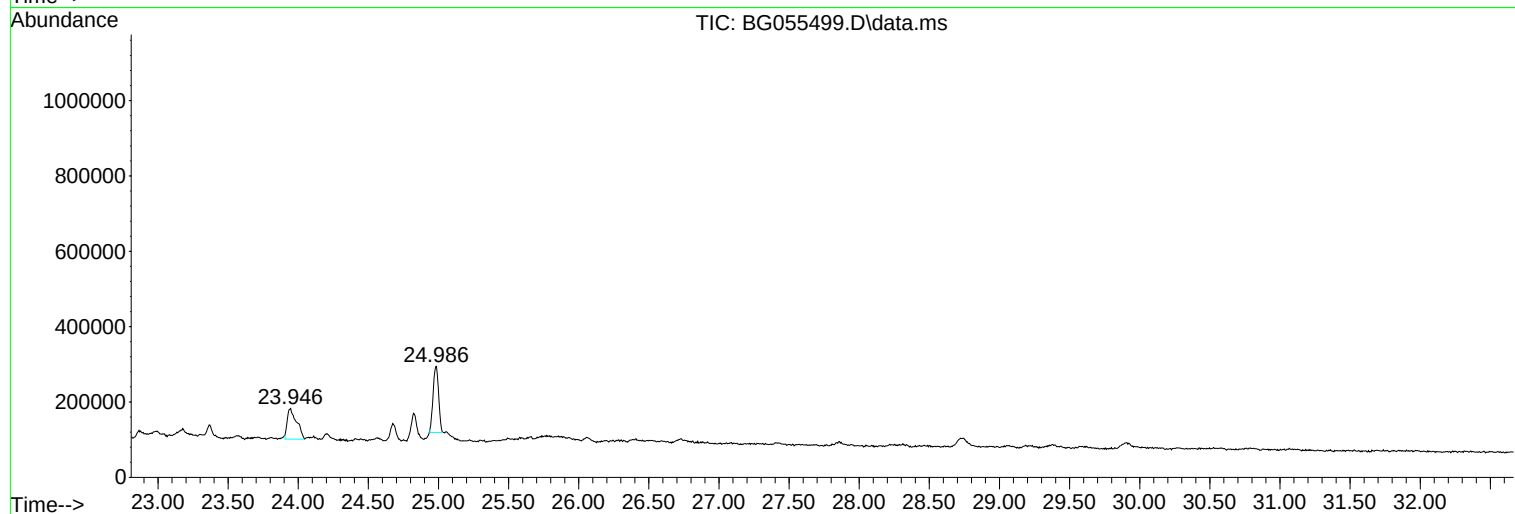
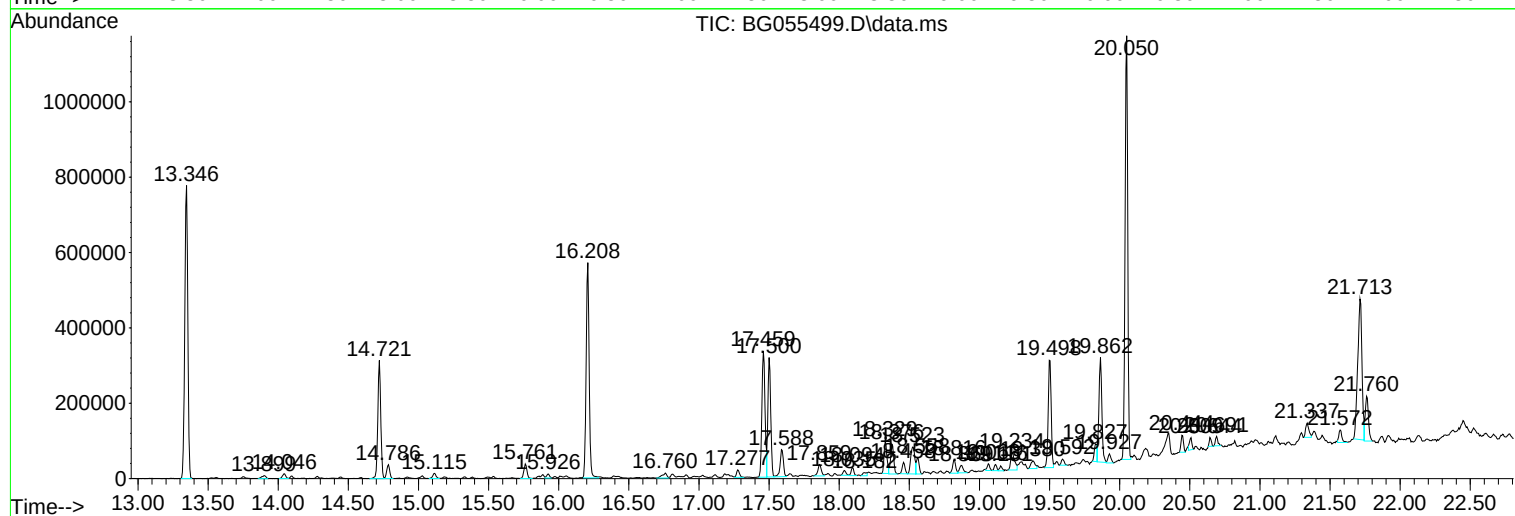
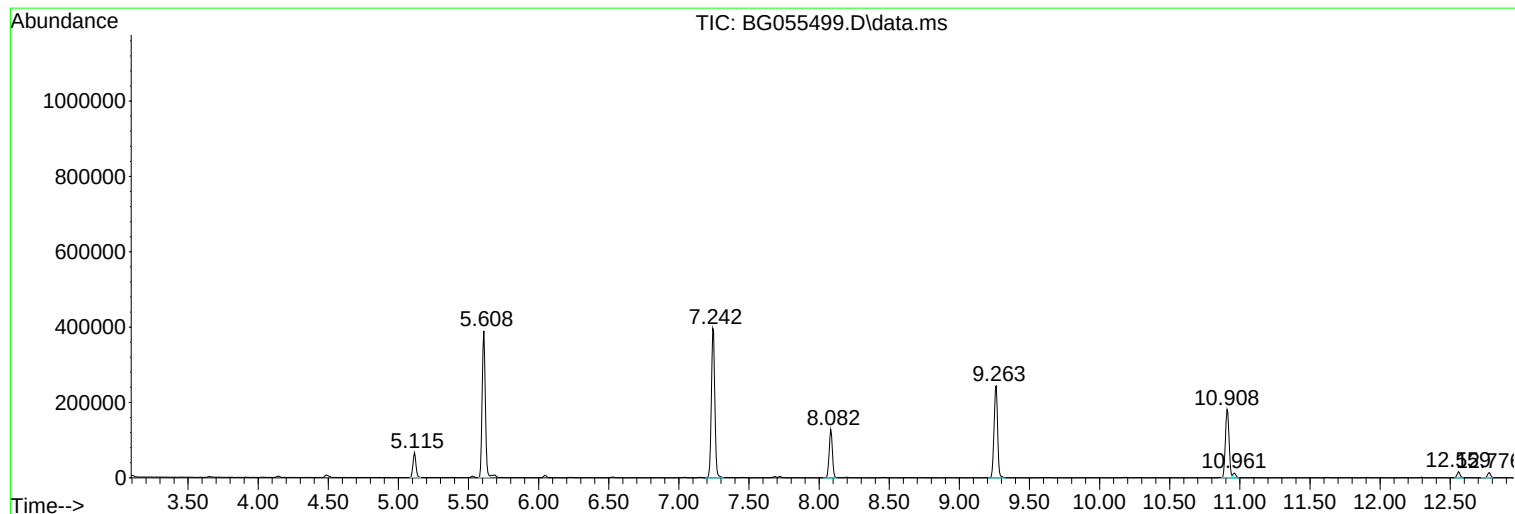
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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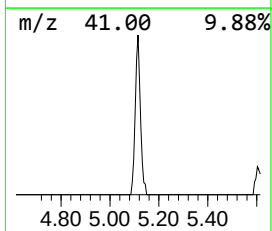
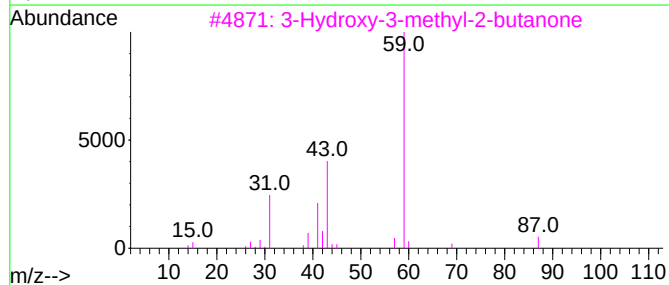
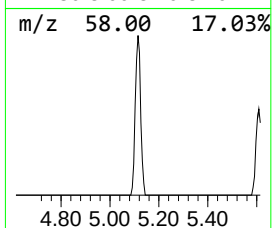
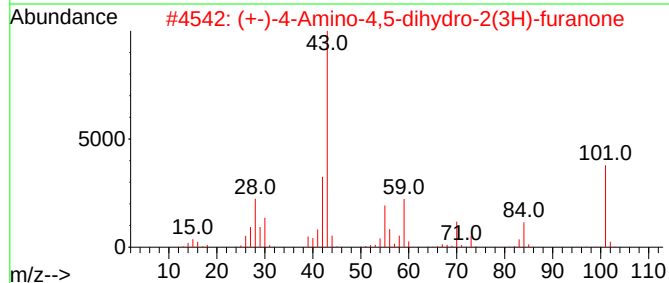
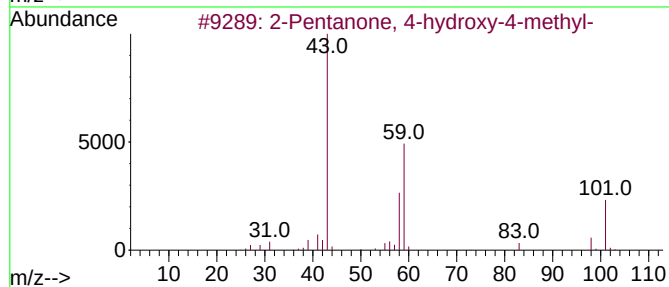
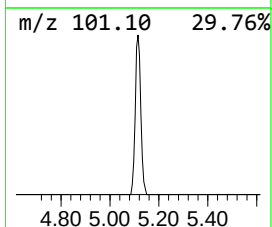
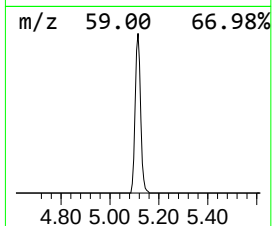
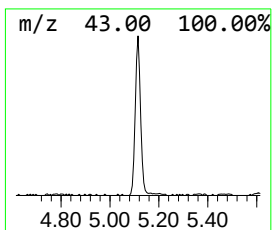
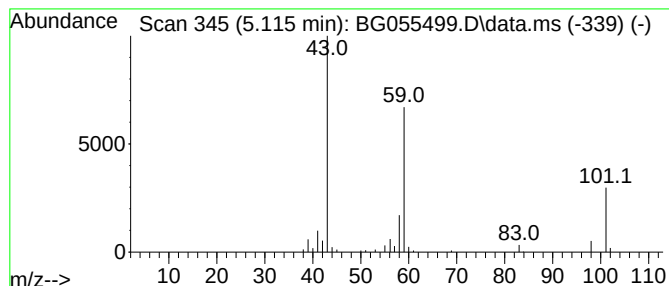
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.115	9.55 ng	98937	1,4-Dichlorobenzene-d4	8.082

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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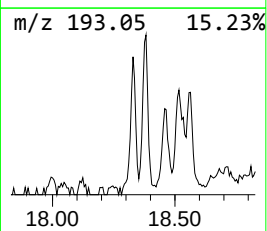
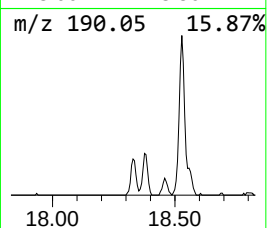
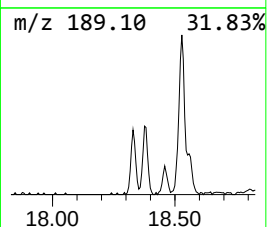
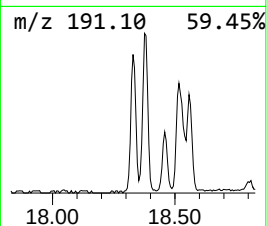
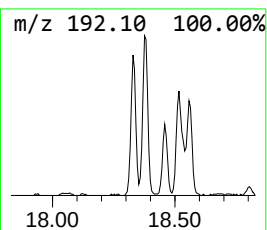
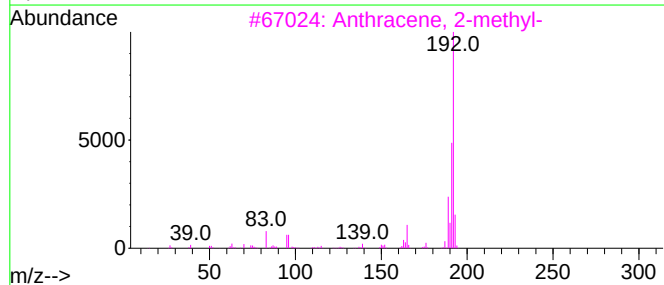
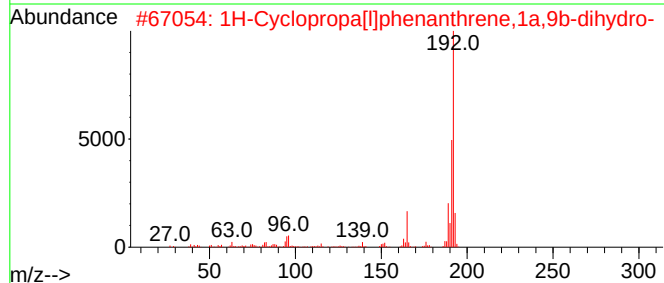
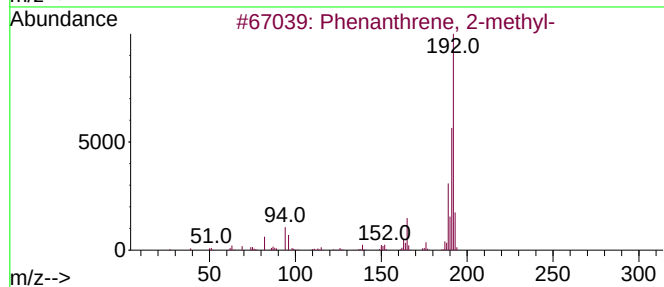
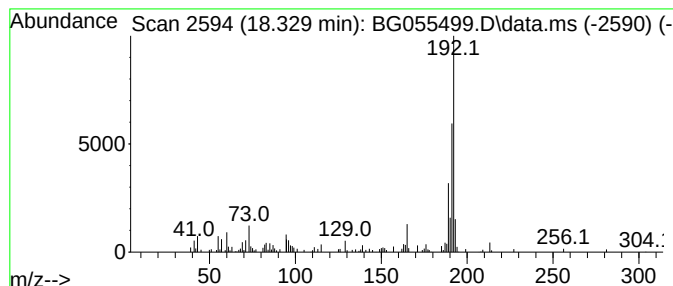
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.329	4.63 ng	123588	Phenanthrene-d10	17.459

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



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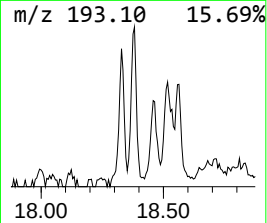
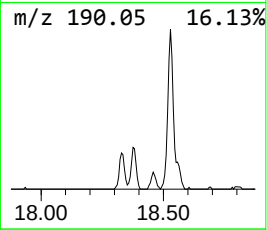
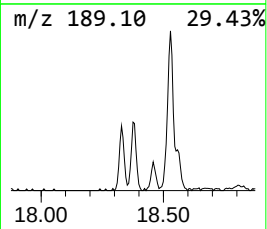
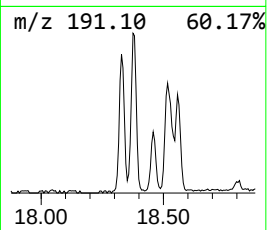
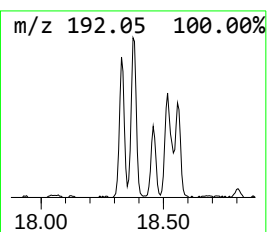
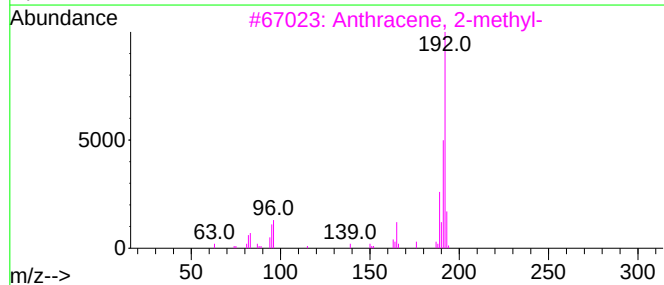
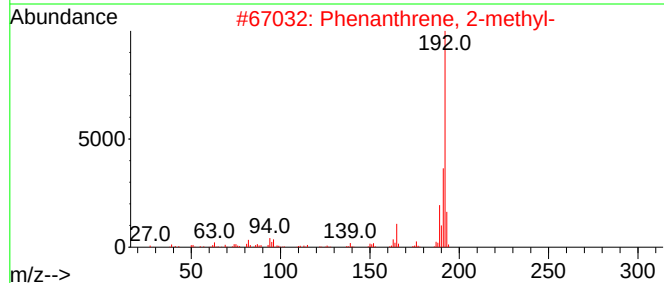
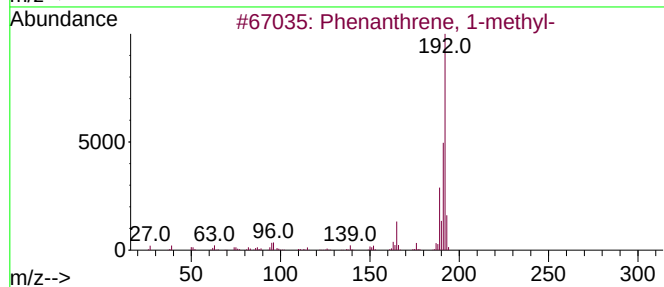
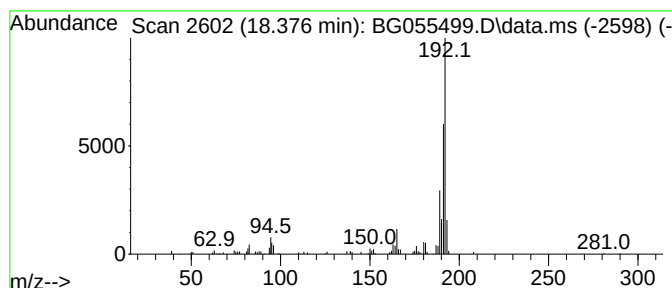
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.376	4.46 ng	119107	Phenanthrene-d10	17.459

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	94
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



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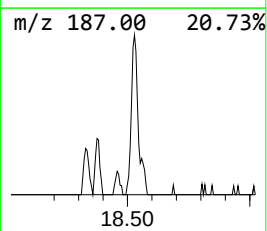
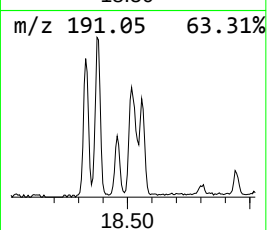
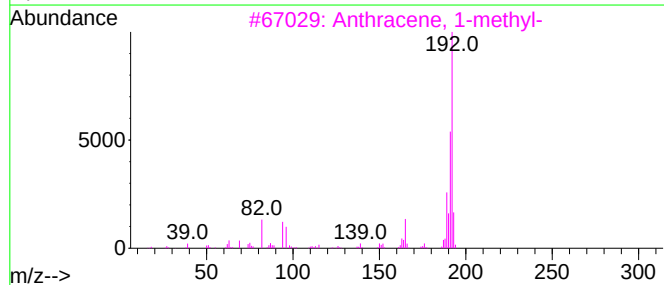
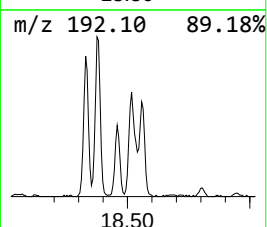
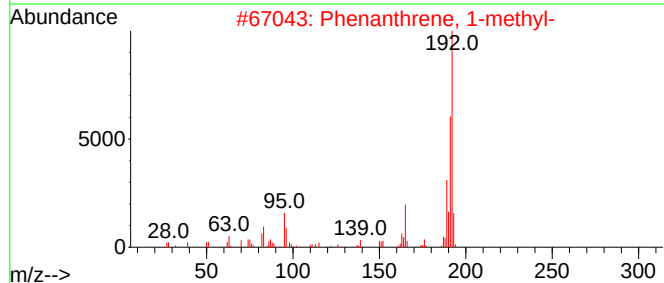
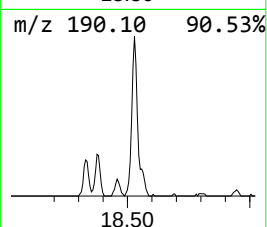
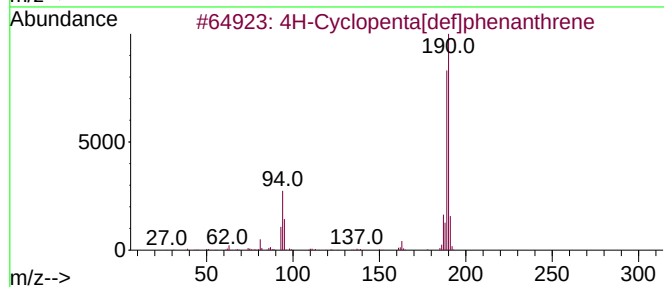
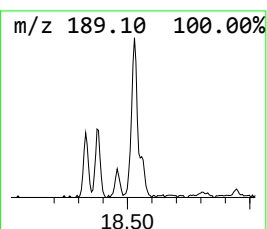
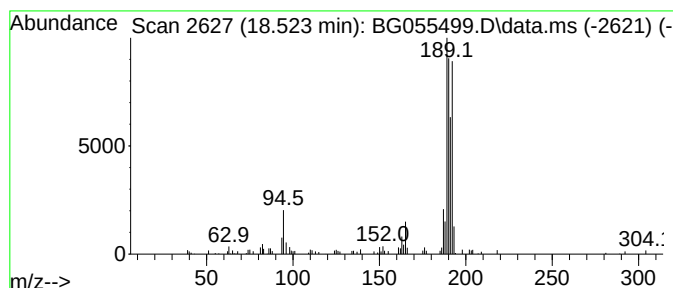
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.523	5.50 ng	146635	Phenanthrene-d10	17.459	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30



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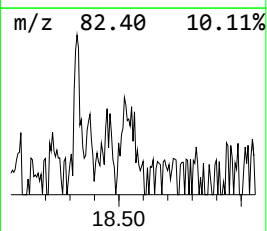
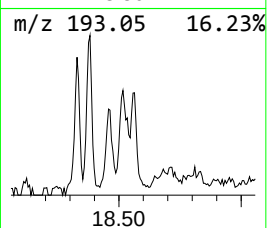
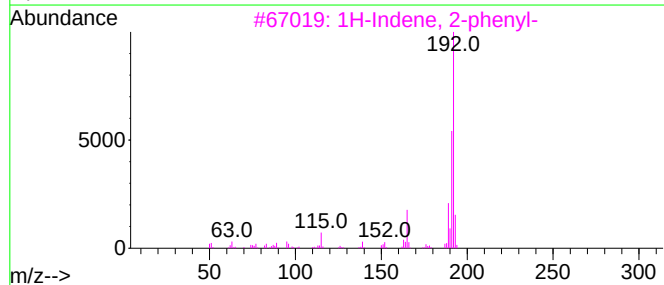
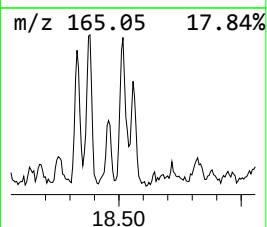
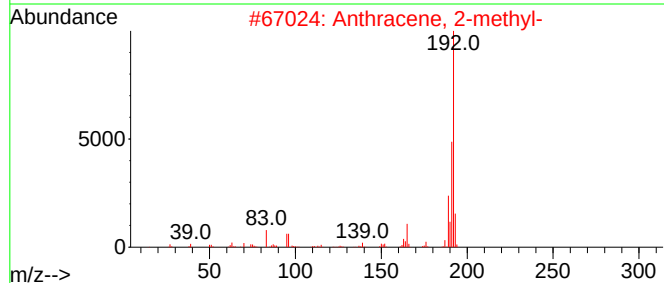
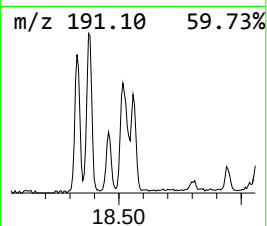
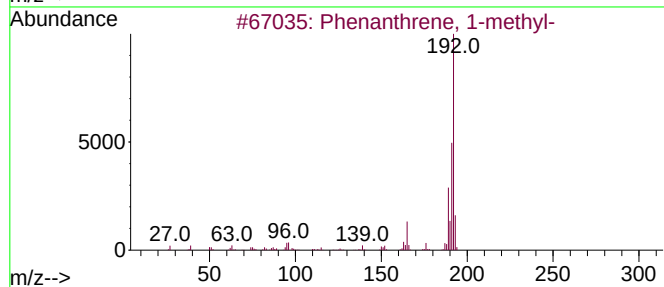
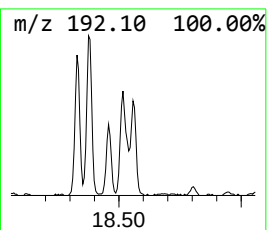
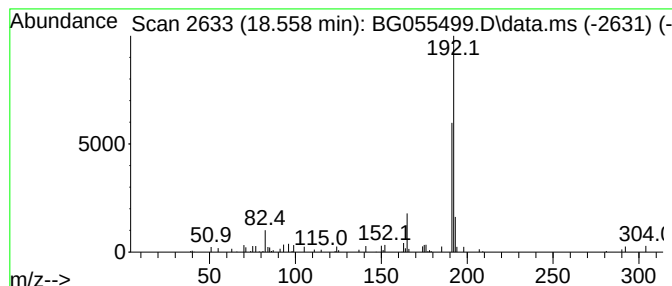
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.558	2.10 ng	56064	Phenanthrene-d10	17.459

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055499.D
Acq On : 8 Nov 2022 5:50
Operator : CG/JU
Sample : N5478-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

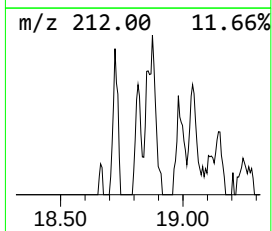
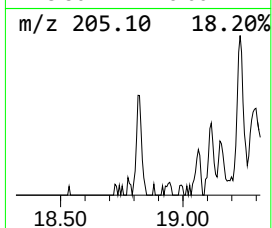
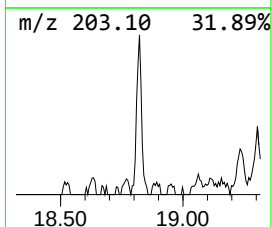
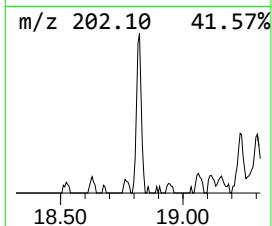
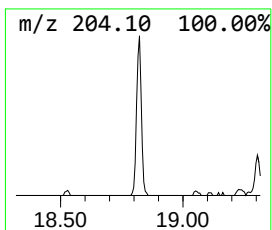
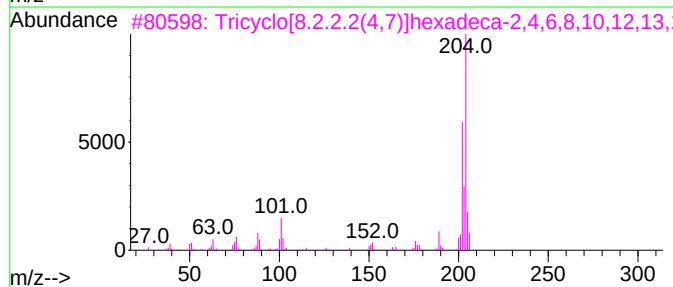
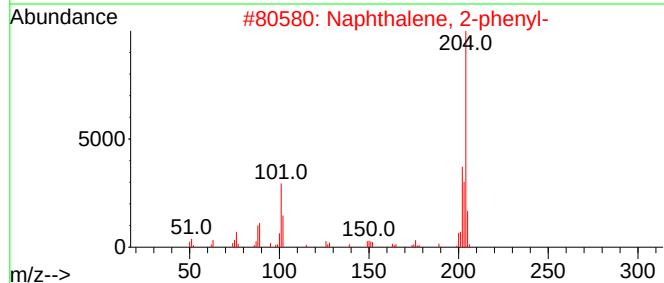
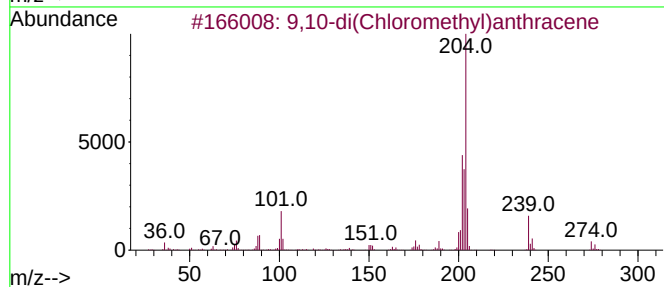
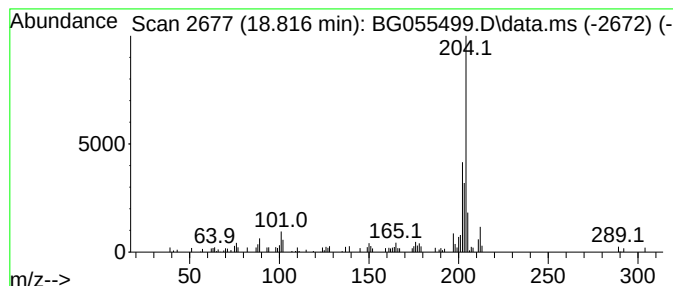
Instrument :
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ClientSampleId :
MH-NYE-AVE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9,10-di(Chloromethyl)anthra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.816	2.06 ng	54843	Phenanthrene-d10	17.459	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055499.D
Acq On : 8 Nov 2022 5:50
Operator : CG/JU
Sample : N5478-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVE

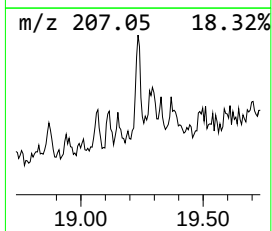
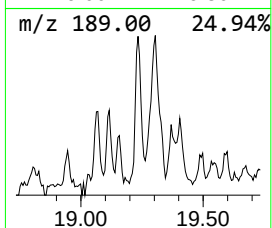
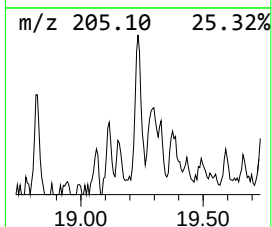
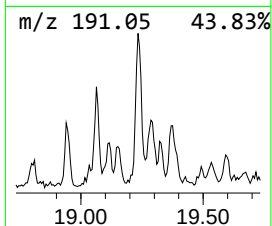
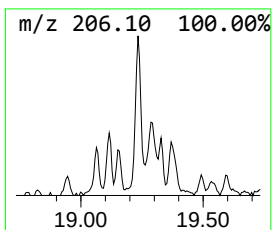
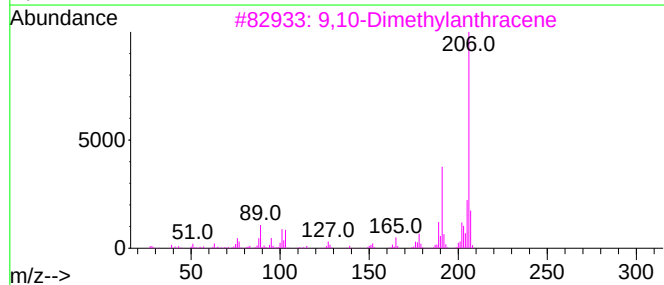
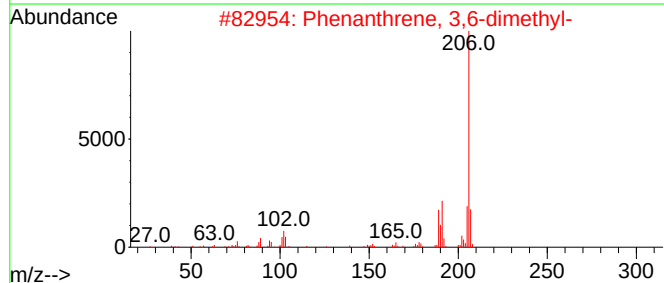
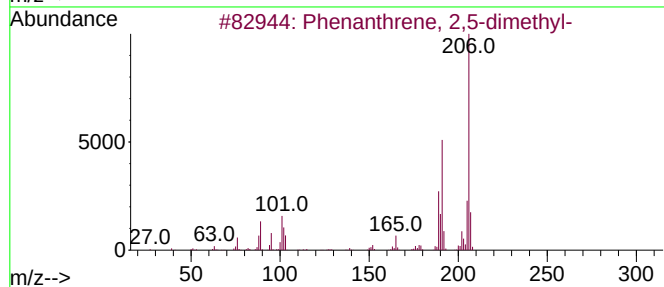
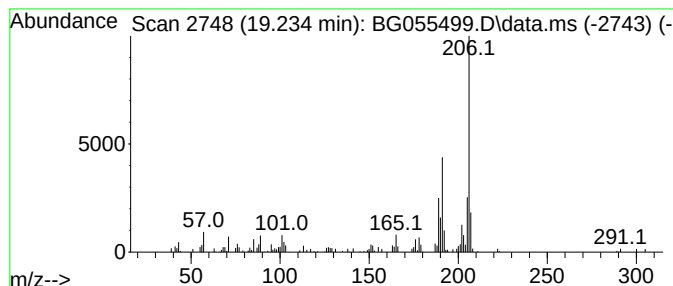
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.234	3.40 ng	90631	Phenanthrene-d10	17.459

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055499.D
Acq On : 8 Nov 2022 5:50
Operator : CG/JU
Sample : N5478-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.115	9.6	ng	98937	1	8.082	207290	20.0
Phenanthrene, 2...	18.329	4.6	ng	123588	4	17.459	533638	20.0
Phenanthrene, 1...	18.376	4.5	ng	119107	4	17.459	533638	20.0
4H-Cyclopenta[d...	18.523	5.5	ng	146635	4	17.459	533638	20.0
Anthracene, 2-m...	18.558	2.1	ng	56064	4	17.459	533638	20.0
9,10-di(Chlorom...	18.816	2.1	ng	54843	4	17.459	533638	20.0
Phenanthrene, 2...	19.234	3.4	ng	90631	4	17.459	533638	20.0