

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025467.D
 Acq On : 18 Aug 2025 18:58
 Operator : CG/JU
 Sample : Q2832-05 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S03

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_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025467.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.043	13	18	27	rVB	212308	290483	5.45%	0.633%
2	4.949	337	342	348	rBV	45587	61991	1.16%	0.135%
3	5.408	413	420	427	rBV	465460	689659	12.93%	1.503%
4	6.961	675	684	694	rBV	426110	754437	14.14%	1.644%
5	7.790	817	825	834	rBV	630206	975215	18.28%	2.125%
6	8.931	1008	1019	1029	rBV	304146	512896	9.62%	1.117%
7	10.560	1287	1296	1303	rBV	693278	1355245	25.41%	2.953%
8	12.219	1572	1578	1591	rBV3	27066	56324	1.06%	0.123%
9	13.019	1706	1714	1727	rBV	745095	1233279	23.12%	2.687%
10	14.131	1897	1903	1915	rBV	184975	317113	5.95%	0.691%
11	14.407	1941	1950	1957	rBV	1097816	1819317	34.11%	3.964%
12	14.472	1957	1961	1969	rVB	87411	142017	2.66%	0.309%
13	14.813	2013	2019	2026	rBV	52752	82312	1.54%	0.179%
14	15.472	2125	2131	2136	rBV2	81752	128382	2.41%	0.280%
15	15.789	2177	2185	2193	rVB2	120458	234709	4.40%	0.511%
16	15.919	2200	2207	2214	rBV	654170	946630	17.75%	2.062%
17	16.160	2242	2248	2251	rBV3	50537	89241	1.67%	0.194%
18	16.854	2362	2366	2373	rVB4	40183	63588	1.19%	0.139%
19	16.925	2374	2378	2382	rBV3	29422	56190	1.05%	0.122%
20	17.007	2389	2392	2402	rVB	39118	81800	1.53%	0.178%
21	17.207	2420	2426	2429	rBV	1609888	2136330	40.05%	4.654%
22	17.242	2429	2432	2438	rVV	755969	1032035	19.35%	2.249%
23	17.331	2442	2447	2454	rVV	439613	722487	13.55%	1.574%
24	17.395	2454	2458	2465	rVB5	38615	76071	1.43%	0.166%
25	17.613	2491	2495	2499	rVB	63273	84277	1.58%	0.184%
26	17.731	2512	2515	2522	rVB4	47201	65823	1.23%	0.143%
27	18.107	2574	2579	2581	rBV	95228	142059	2.66%	0.310%
28	18.148	2581	2586	2593	rVB2	176250	335665	6.29%	0.731%
29	18.236	2597	2601	2606	rVB	85399	121158	2.27%	0.264%
30	18.301	2607	2612	2617	rBV3	198147	372177	6.98%	0.811%
31	18.619	2662	2666	2669	rVV	137085	187957	3.52%	0.410%
32	18.654	2669	2672	2677	rVB3	83374	114840	2.15%	0.250%
33	18.930	2716	2719	2722	rBV	54575	85598	1.60%	0.186%
34	19.048	2734	2739	2745	rBV2	102303	182764	3.43%	0.398%
35	19.113	2746	2750	2753	rBV5	61042	96535	1.81%	0.210%
36	19.195	2760	2764	2770	rBV2	115756	186237	3.49%	0.406%

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 ClientSampleId :
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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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.330	2781	2787	2792	rBV	2393502	3457657	64.83%	7.533%
38	19.401	2796	2799	2806	rBV3	61688	145629	2.73%	0.317%
39	19.666	2839	2844	2846	rBV	390002	623902	11.70%	1.359%
40	19.701	2846	2850	2858	rVB	2580668	3348760	62.79%	7.296%
41	19.913	2879	2886	2891	rBV2	1253109	2090248	39.19%	4.554%
42	20.036	2902	2907	2908	rBV3	250726	328526	6.16%	0.716%
43	20.177	2928	2931	2932	rBV2	128070	136026	2.55%	0.296%
44	20.319	2951	2955	2959	rBV2	174407	244248	4.58%	0.532%
45	20.377	2960	2965	2970	rBV2	362250	619099	11.61%	1.349%
46	21.001	3067	3071	3081	rVB	363120	618018	11.59%	1.346%
47	21.236	3109	3111	3115	rVB	259585	308714	5.79%	0.673%
48	21.295	3117	3121	3127	rVV4	220945	471828	8.85%	1.028%
49	21.630	3170	3178	3183	rBV2	2123825	5333674	100.00%	11.621%
50	21.677	3183	3186	3196	rVB	1187572	1837513	34.45%	4.003%
51	23.942	3562	3571	3579	rBV2	1075706	4034484	75.64%	8.790%
52	24.695	3694	3699	3711	rVB	690890	1949106	36.54%	4.247%
53	24.848	3718	3725	3736	rBV	814463	2187789	41.02%	4.767%
54	25.001	3744	3751	3758	rBV2	918606	2330587	43.70%	5.078%

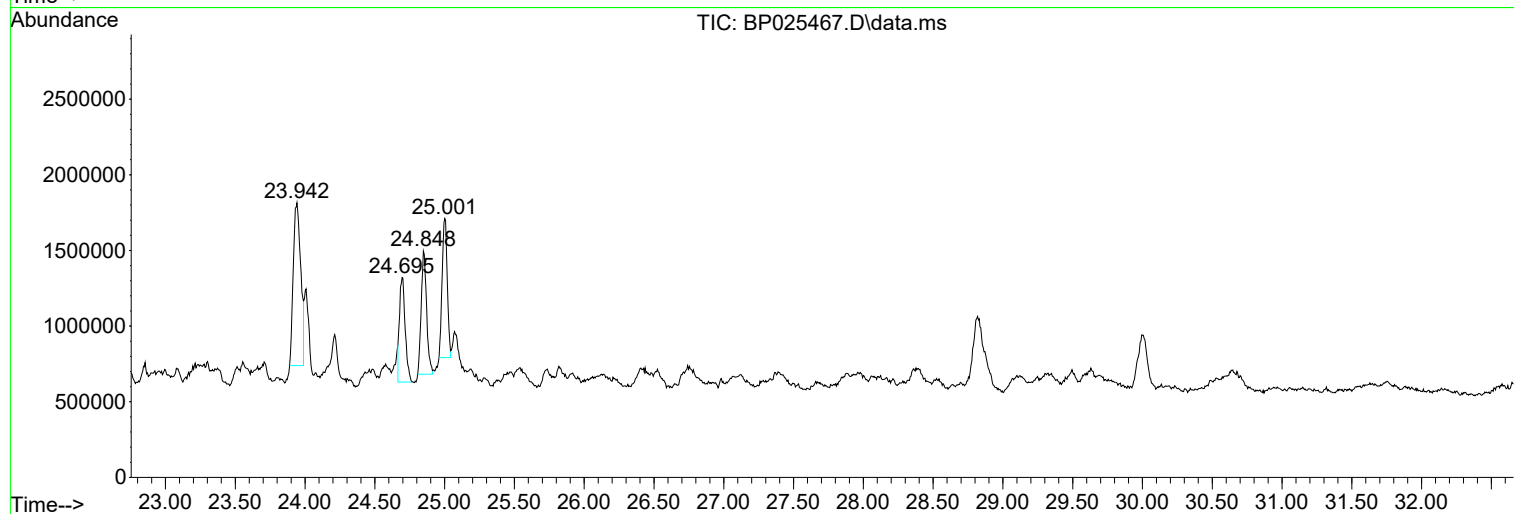
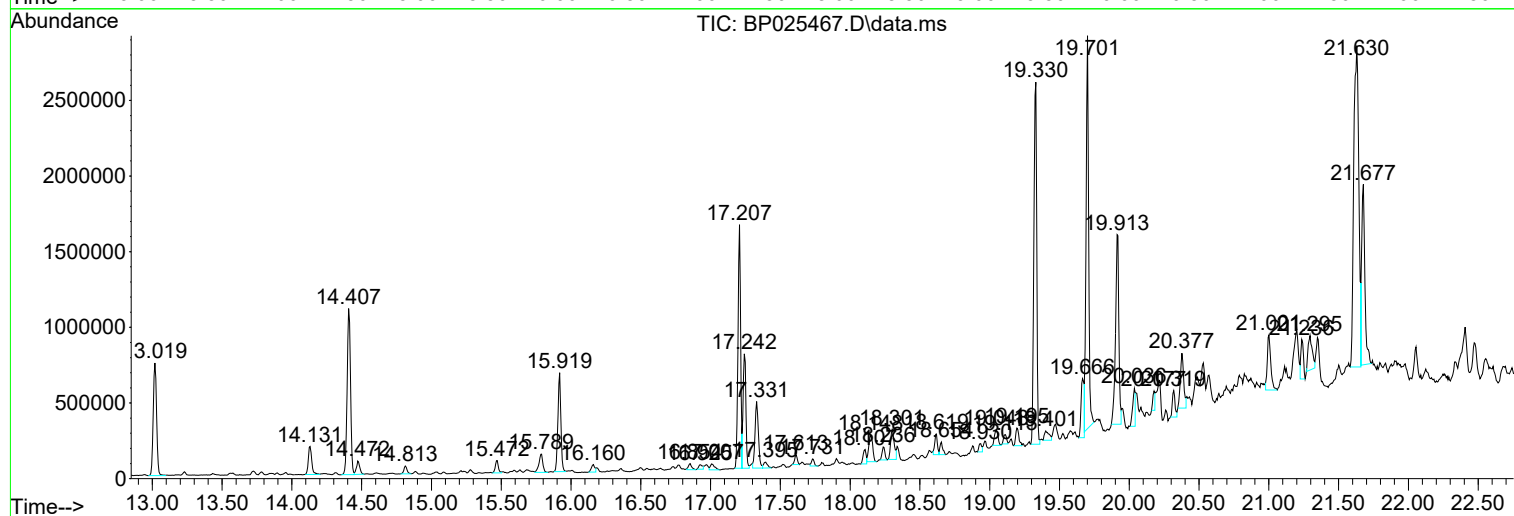
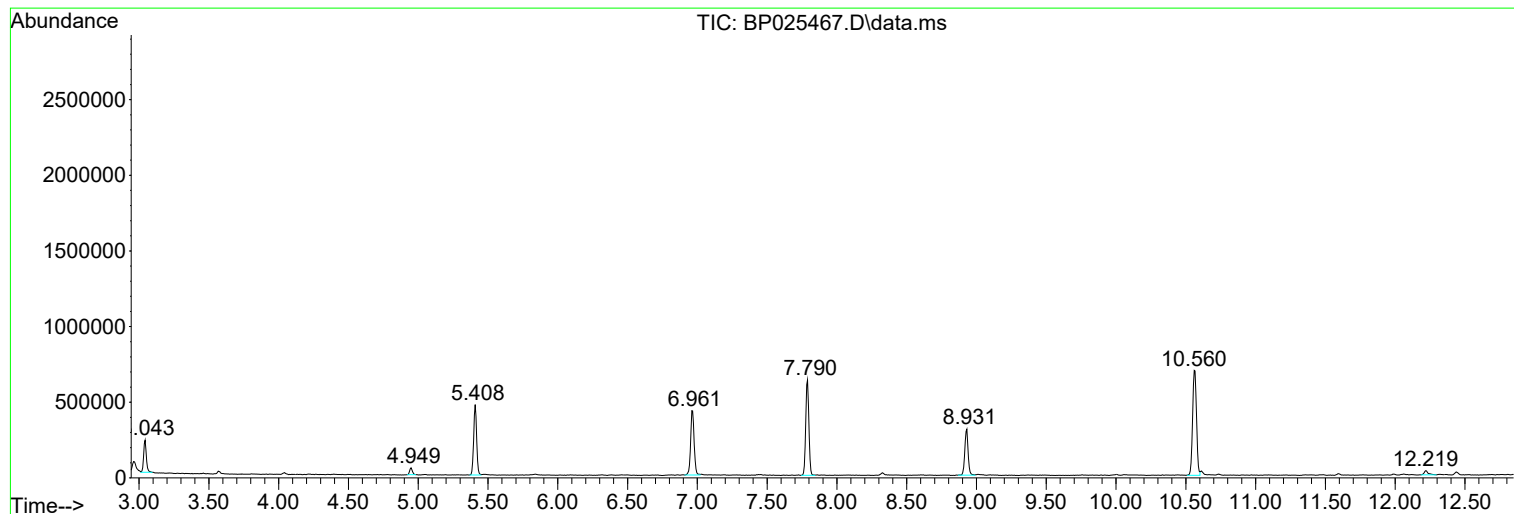
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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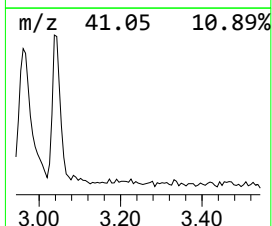
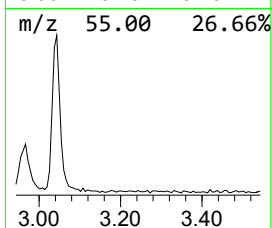
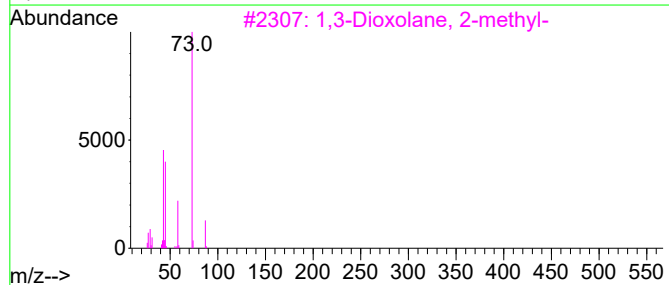
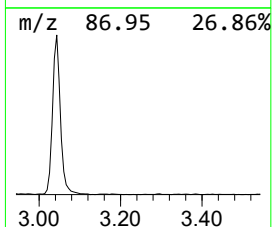
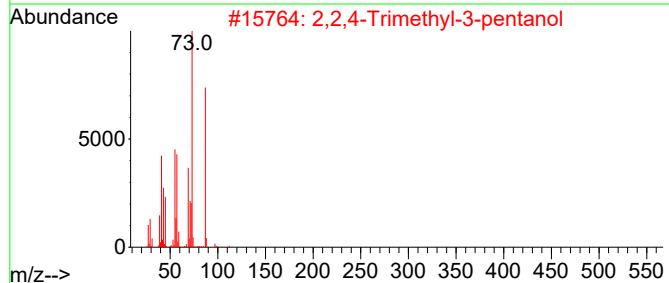
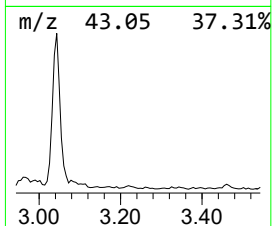
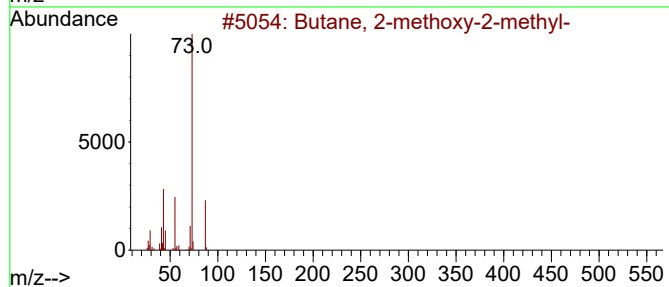
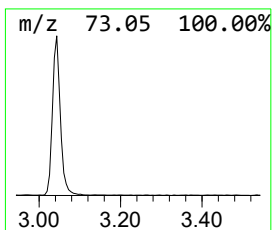
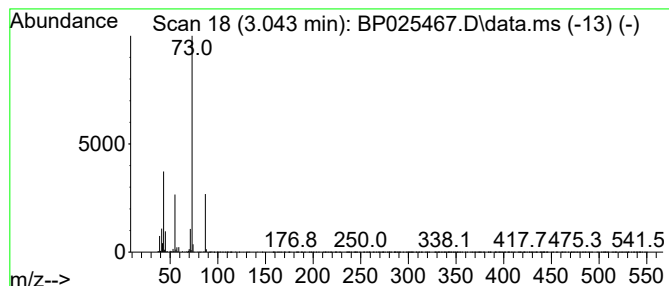
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	5.96 ng	290483	1,4-Dichlorobenzene-d4	7.790

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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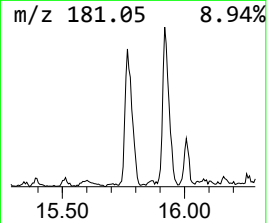
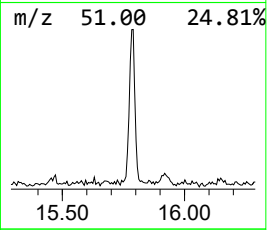
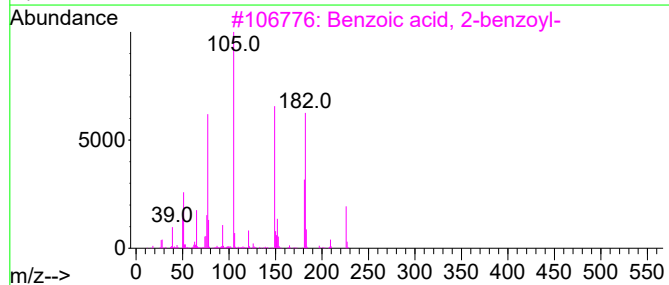
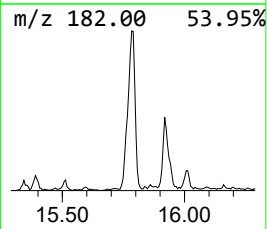
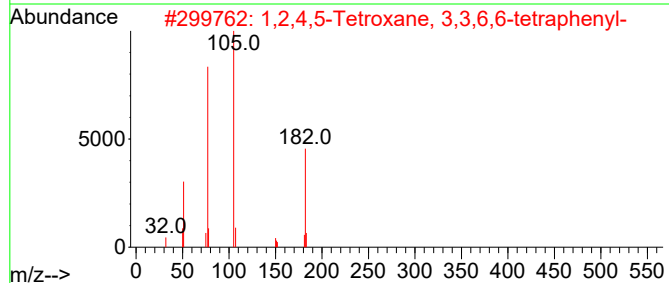
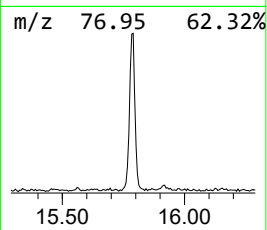
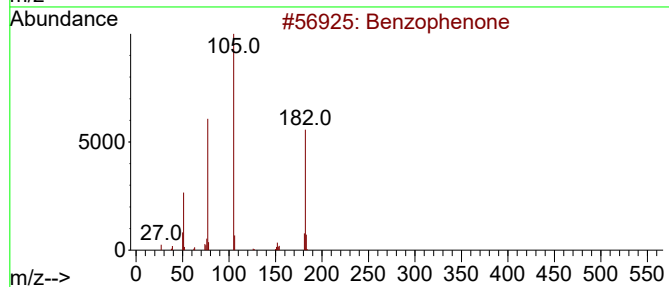
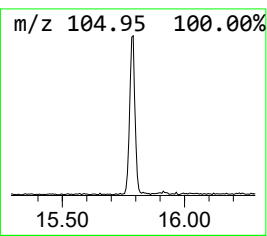
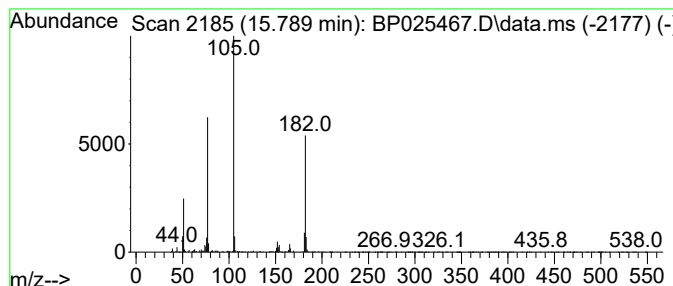
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.790	2.58 ng	234709	Acenaphthene-d10	14.407

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3			Benzoic acid, 2-benzoyl-	226	C14H10O3	000085-52-9	56
4			Isovanillic acid, 0-methoxycarbo...	226	C10H10O6	1000487-72-5	43
5			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40



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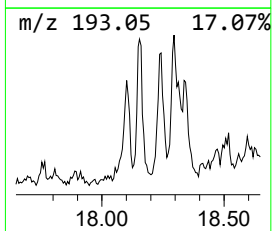
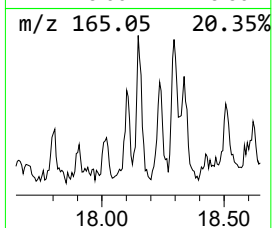
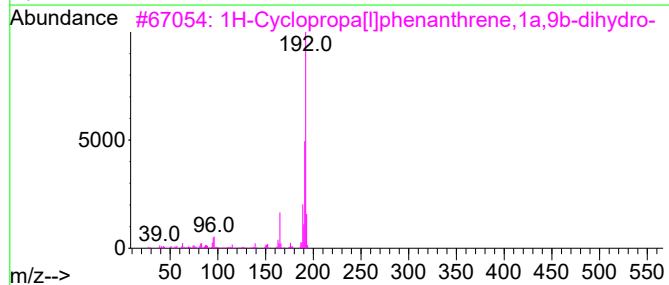
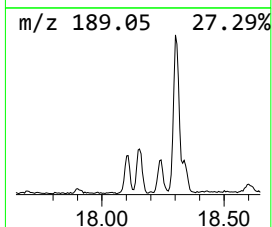
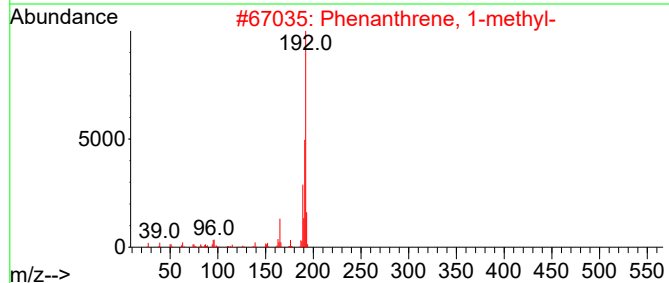
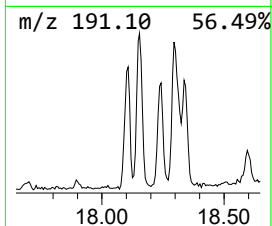
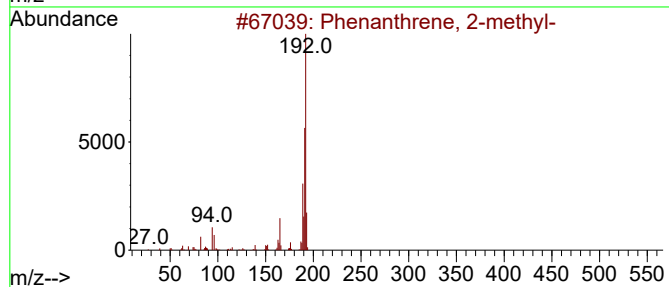
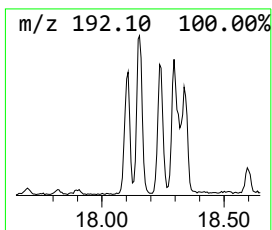
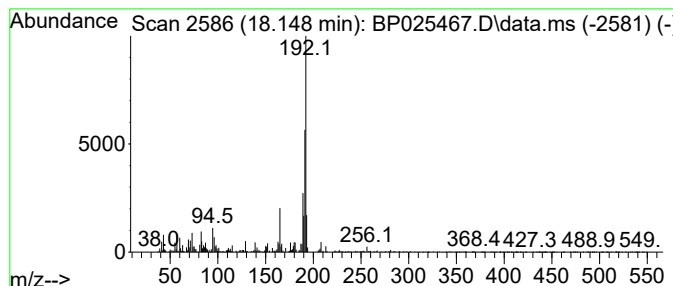
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.148	3.14 ng	335665	Phenanthrene-d10	17.207

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



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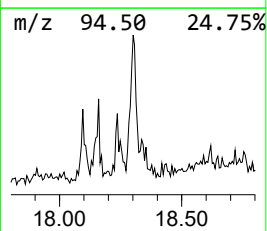
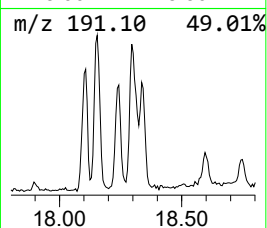
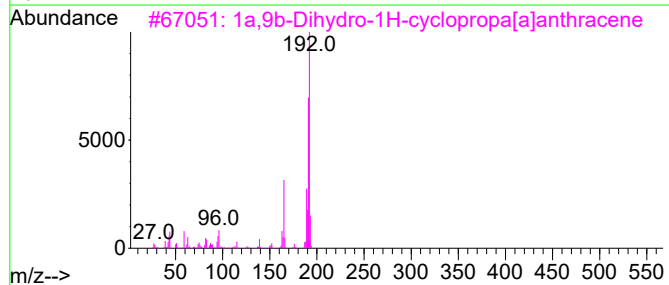
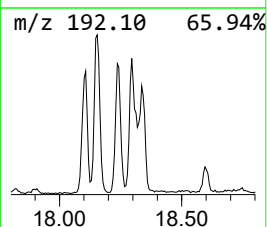
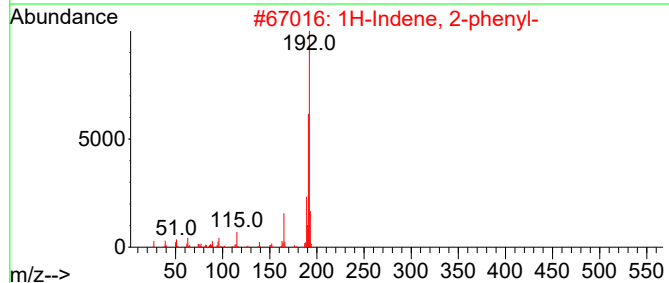
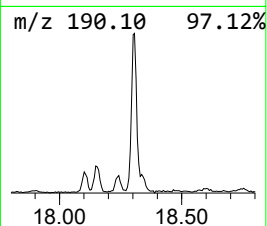
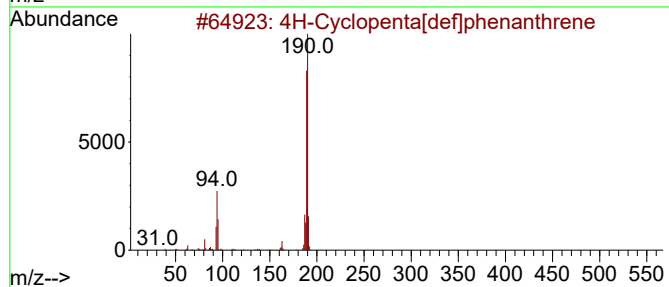
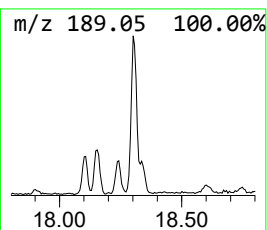
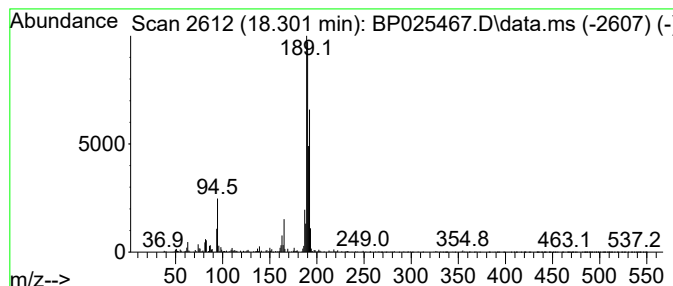
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.301	3.48 ng	372177	Phenanthrene-d10	17.207

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	35
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25



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TG-S03

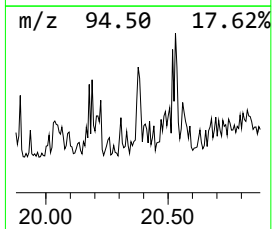
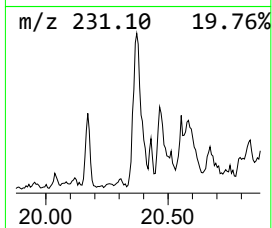
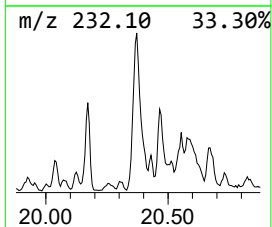
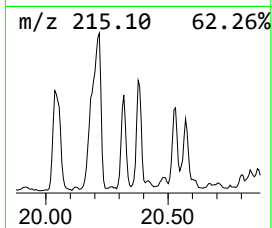
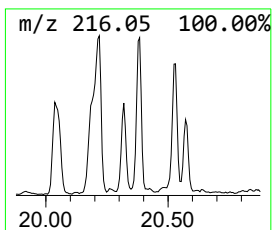
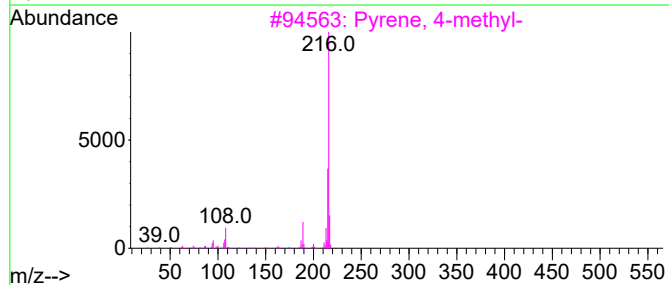
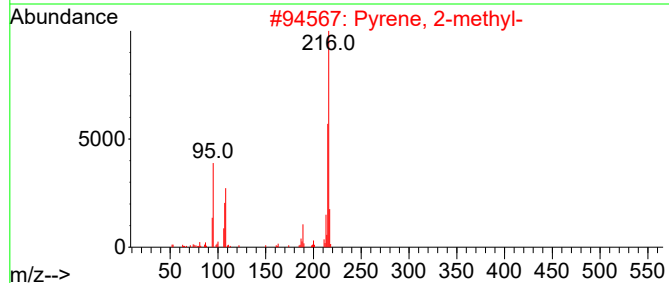
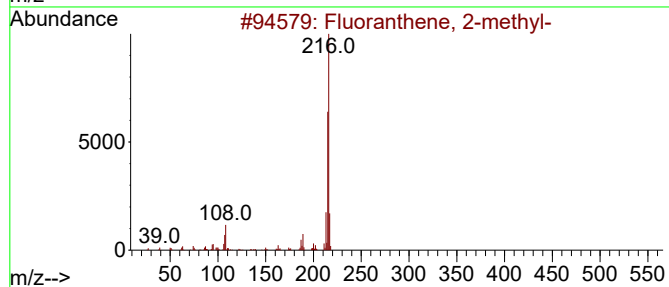
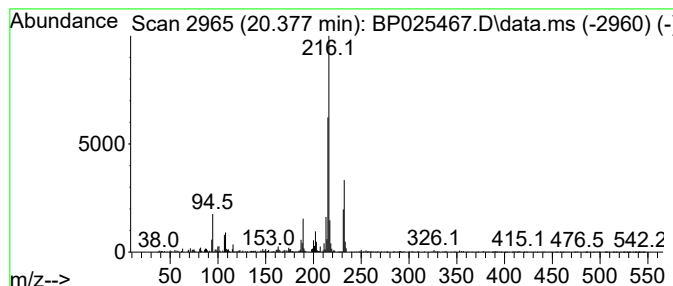
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.378	2.32 ng	619099	Chrysene-d12	21.636

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3			Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025467.D
Acq On : 18 Aug 2025 18:58
Operator : CG/JU
Sample : Q2832-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S03

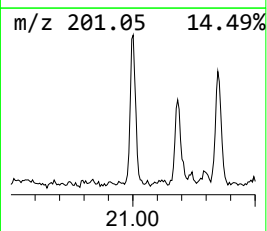
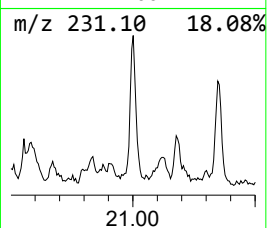
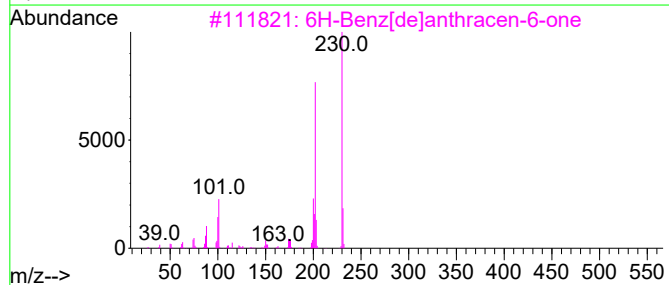
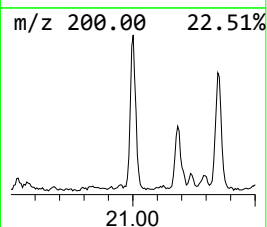
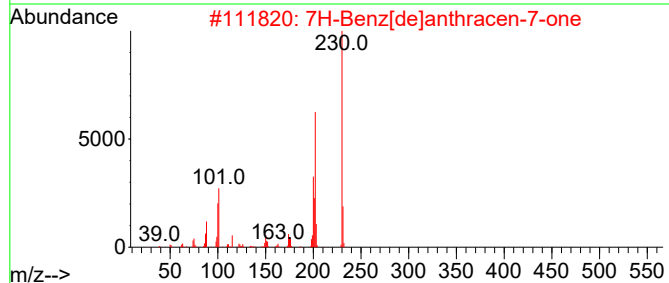
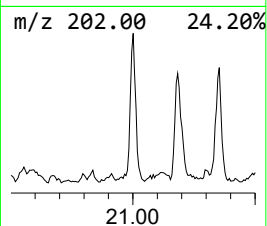
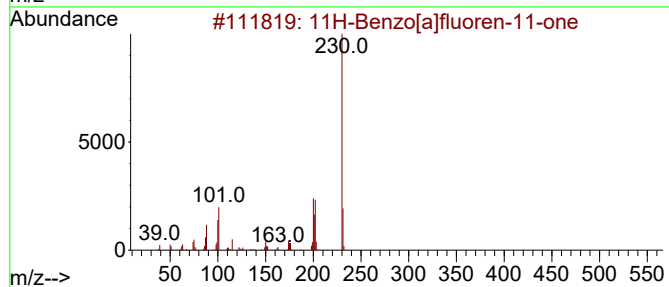
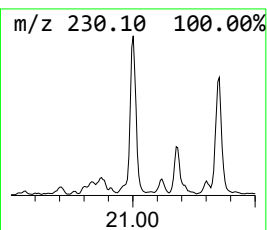
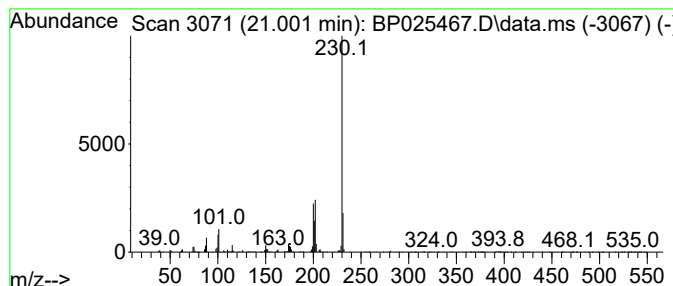
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.001	2.32 ng	618018	Chrysene-d12	21.636

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	83
4		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
5		o-Terphenyl	230	C18H14	000084-15-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025467.D
Acq On : 18 Aug 2025 18:58
Operator : CG/JU
Sample : Q2832-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S03

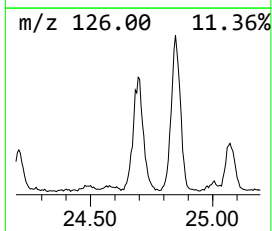
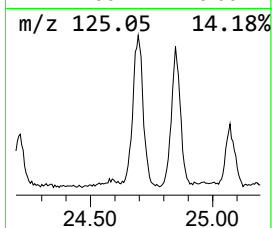
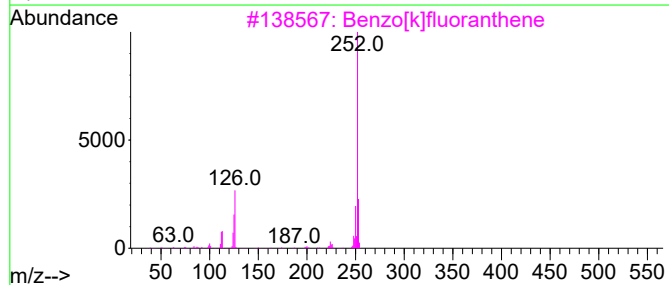
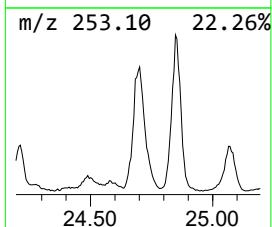
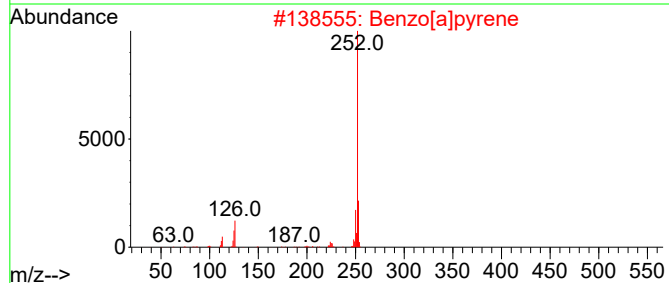
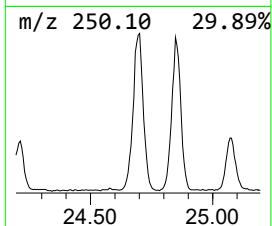
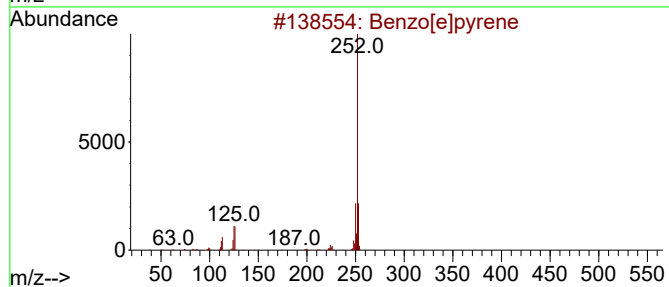
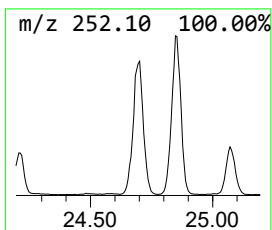
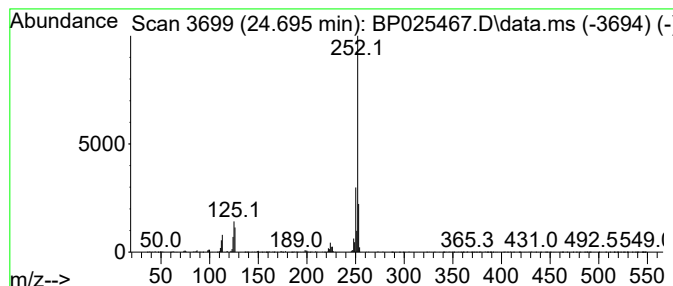
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.695	16.73 ng	1949110	Perylene-d12	25.007

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Perylene	252	C20H12	000198-55-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025467.D
Acq On : 18 Aug 2025 18:58
Operator : CG/JU
Sample : Q2832-05 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.043	6.0	ng	290483	1	7.790	975215	20.0
Benzophenone	15.790	2.6	ng	234709	3	14.407	1819320	20.0
Phenanthrene, 2...	18.148	3.1	ng	335665	4	17.207	2136330	20.0
4H-Cyclopenta[d...	18.301	3.5	ng	372177	4	17.207	2136330	20.0
Fluoranthene, 2...	20.378	2.3	ng	619099	5	21.636	5333670	20.0
11H-Benzo[a]flu...	21.001	2.3	ng	618018	5	21.636	5333670	20.0
Benzo[e]pyrene	24.695	16.7	ng	1949110	6	25.007	2330590	20.0