LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005498.D
Acq On : 11 May 2021 20:14
Operator : CG/JU
Sample : M2335-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-050721

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-BP050521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005498.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.287	369	374	391	rVB	103915	156317	25.95%	2.958%
2	6.893	641	647	658	rBV	79014	135474	22.49%	2.564%
3	7.693	777	783	794	rVB	70250	107335	17.82%	2.031%
4	8.863	975	982	997	rBV	51815	92984	15.44%	1.759%
5	10.487	1245	1258	1264	rBV	70379	121651	20.19%	2.302%
6	12.963	1671	1679	1686	rBV	151452	222217	36.89%	4.205%
7	13.657	1792	1797	1802	rBV6	3233	6224	1.03%	0.118%
8	13.810	1816	1823	1828	rBV2	15207	26971	4.48%	0.510%
9	14.063	1858	1866	1877	rBV2	12945	24341	4.04%	0.461%
10	14.240	1891	1896	1902	rVB8	6323	9108	1.51%	0.172%
11	14.340	1906	1913	1919	rVV	123827	171680	28.50%	3.249%
12	14.404	1919	1924	1932	rVB3	6885	10351	1.72%	0.196%
13	14.745	1977	1982	1986	rVB	7084	10065	1.67%	0.190%
14	15.192	2055	2058	2066	rVB6	5964	9860	1.64%	0.187%
15	15.392	2086	2092	2095	rBV4	7603	11657	1.94%	0.221%
16	15.687	2137	2142	2147	rVB7	4831	7101	1.18%	0.134%
17	15.834	2159	2167	2175	rBV	163993	255878	42.48%	4.842%
18	16.057	2201	2205	2215	rBV8	10540	24292	4.03%	0.460%
19	16.751	2319	2323	2330	rVB3	9430	16085	2.67%	0.304%
20	16.851	2337	2340	2343	rVV3	7701	8157	1.35%	0.154%
21	16.910	2346	2350	2355	rVB2	11254	15901	2.64%	0.301%
22	17.092	2375	2381	2385	rBV	169278	247476	41.08%	4.683%
23	17.134	2385	2388	2393	rVB	143190	183688	30.49%	3.476%
24	17.228	2400	2404	2409	rVB	32240	40251	6.68%	0.762%
25	17.463	2439	2444	2447	rBV7	7345	13628	2.26%	0.258%
26	17.510	2447	2452	2458	rVB2	14110	25449	4.22%	0.482%
27	17.592	2463	2466	2473	rVV8	9509	17010	2.82%	0.322%
28	17.675	2477	2480	2485	rVV4	9750	13151	2.18%	0.249%
29	17.822	2501	2505	2510	rVB8	6924	12179	2.02%	0.230%
30	17.963	2525	2529	2531	rBV2	23135	31748	5.27%	0.601%
31	18.086	2547	2550	2554	rVB2	9791	13756	2.28%	0.260%
32	18.151	2556	2561	2565	rBV3	33586	65420	10.86%	1.238%
33	18.269	2578	2581	2586	rBV5	16683	25390	4.21%	0.480%
34	18.445	2608	2611	2616	rBV2	27447	34411	5.71%	0.651%
35	18.498	2616	2620	2625	rVB2	26457	33651	5.59%	0.637%
36	18.733	2658	2660	2664	rVB3	8630	9273	1.54%	0.175%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005498.D
Acq On : 11 May 2021 20:14
Operator : CG/JU
Sample : M2335-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-050721

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-BP050521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.775	2665	2667	2672	rVB4	13191	14900	2.47%	0.282%
38	18.851	2676	2680	2683	rBV2	27458	39995	6.64%	0.757%
39	18.998	2701	2705	2710	rVB5	20641	33145	5.50%	0.627%
40	19.110	2719	2724	2730	rBV	278722	341177	56.64%	6.456%
41	19.463	2775	2784	2792	rBV	236555	404256	67.11%	7.650%
42	19.539	2794	2797	2801	rVB4	18226	27824	4.62%	0.527%
43	19.663	2813	2818	2823	rVB	405667	468512	77.77%	8.865%
44	19.775	2834	2837	2838	rBV2	21560	23012	3.82%	0.435%
45	20.104	2890	2893	2896	rBV2	28214	40171	6.67%	0.760%
46	20.680	2988	2991	2996	rBV2	42943	58170	9.66%	1.101%
47	21.186	3071	3077	3081	rBV2	363617	602395	100.00%	11.399%
48	21.222	3081	3083	3091	rVB	144213	174812	29.02%	3.308%
49	22.786	3345	3349	3356	rBV3	131856	306597	50.90%	5.802%
50	23.392	3449	3452	3459	rVB	128513	226028	37.52%	4.277%
51	23.498	3465	3470	3475	rVB2	183562	313566	52.05%	5.933%

Sum of corrected areas: 5284690

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005498.D
Acq On : 11 May 2021 20:14
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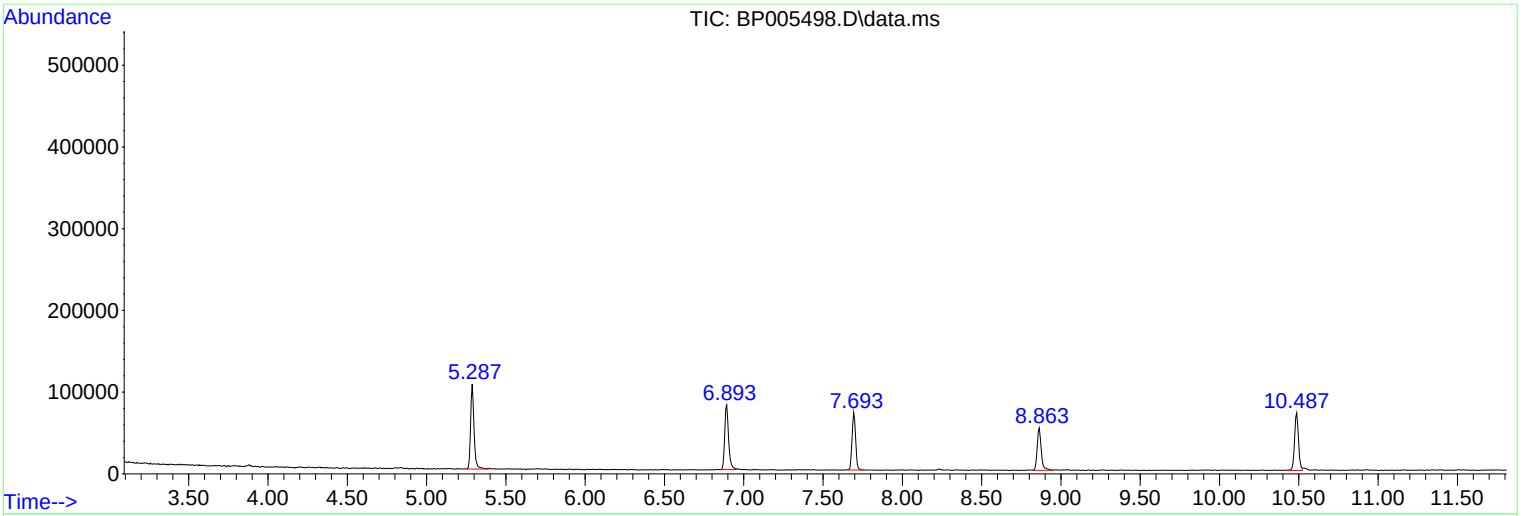
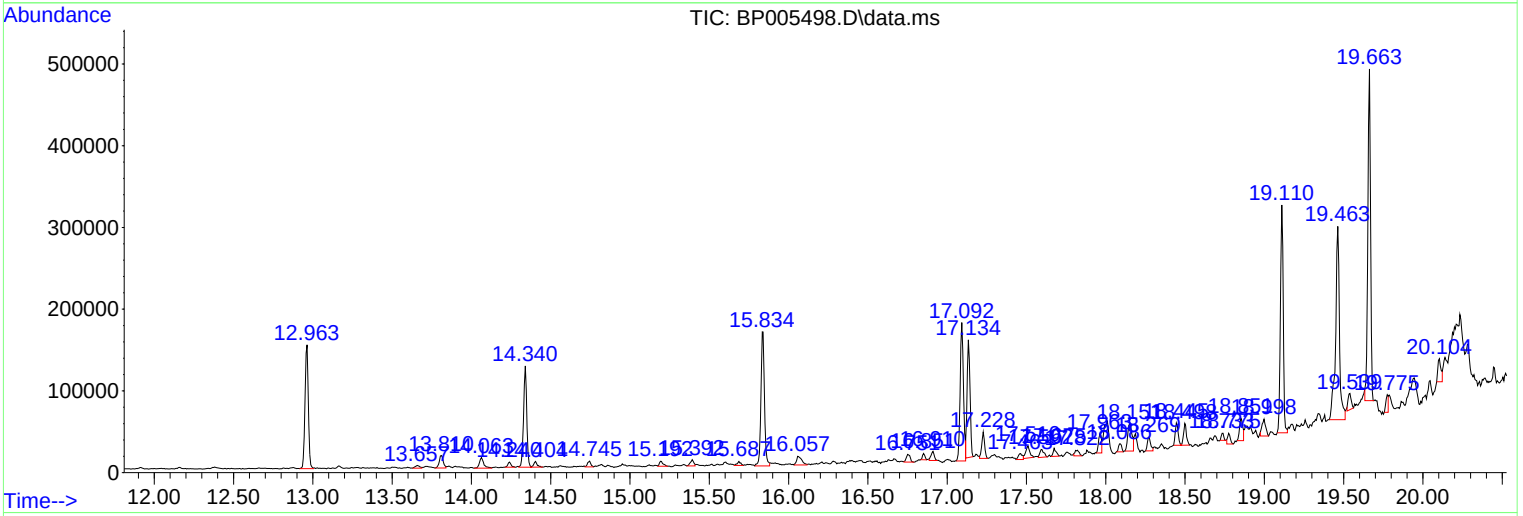
Misc :
ALS Vial : 18 Sample Multiplier: 1

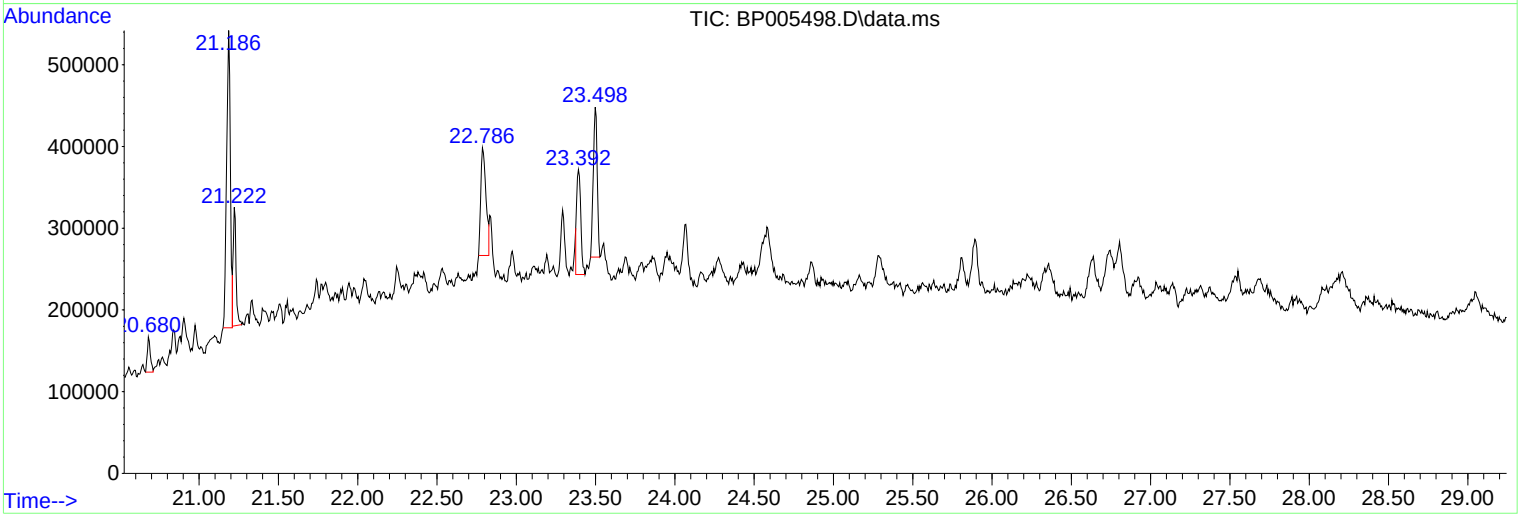
Instrument :
BNA_P
ClientSampleId :
OK-02-050721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005498.D
Acq On : 11 May 2021 20:14
Operator : CG/JU
Sample : M2335-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-050721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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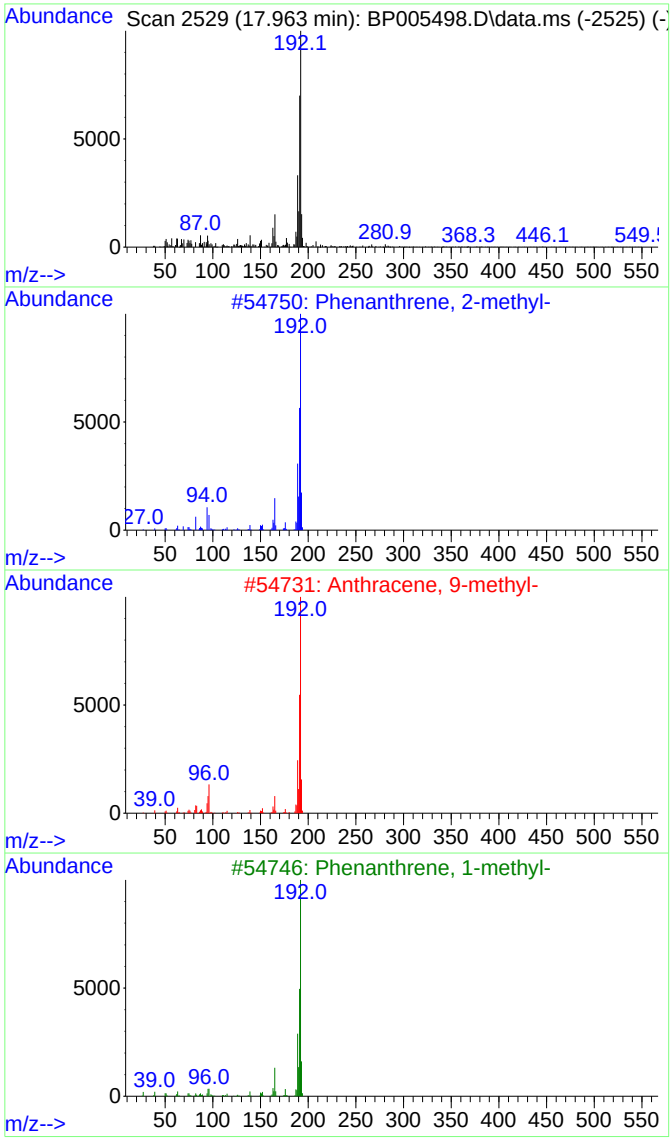
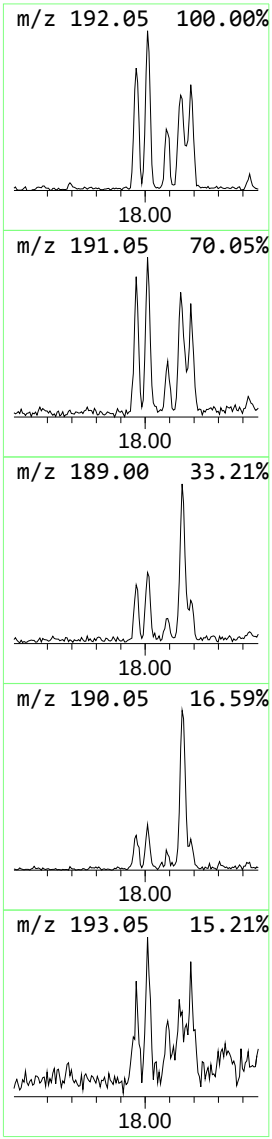
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.963	2.57 ng	31748	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005498.D
Acq On : 11 May 2021 20:14
Operator : CG/JU
Sample : M2335-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-050721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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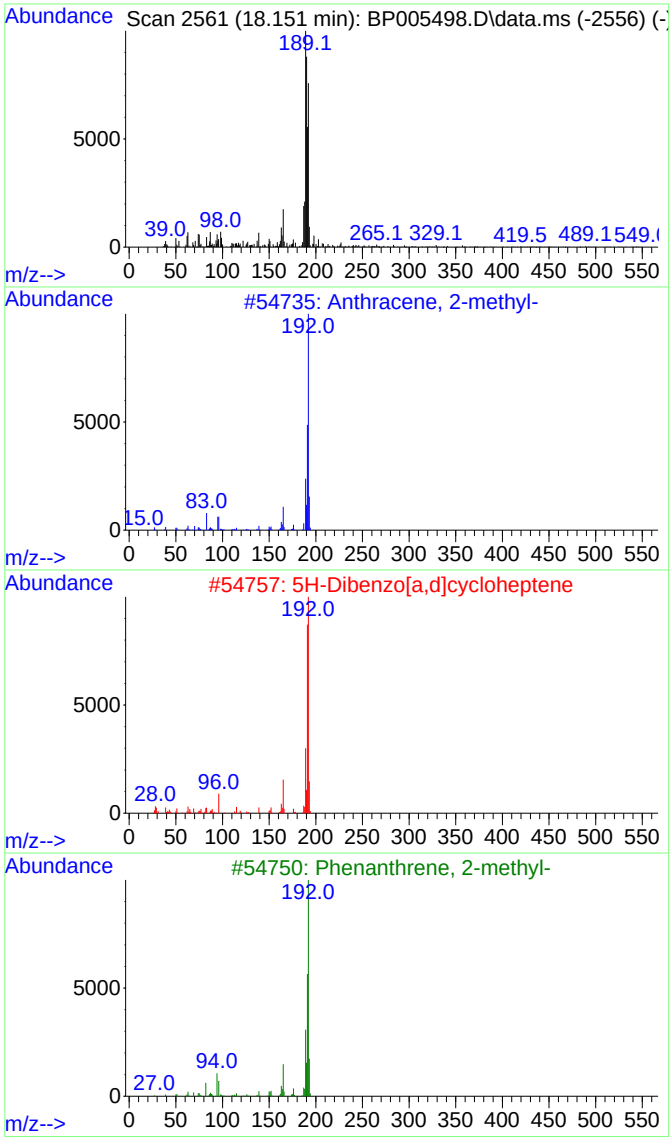
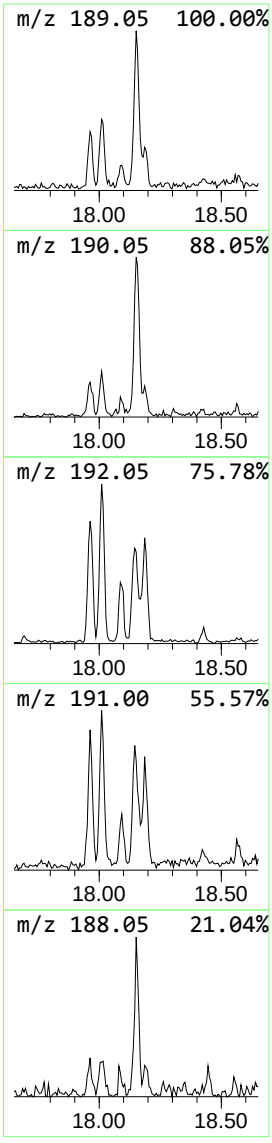
Peak Number 3 unknown18.151 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	5.29 ng	65420	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	47
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	42
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005498.D
Acq On : 11 May 2021 20:14
Operator : CG/JU
Sample : M2335-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-050721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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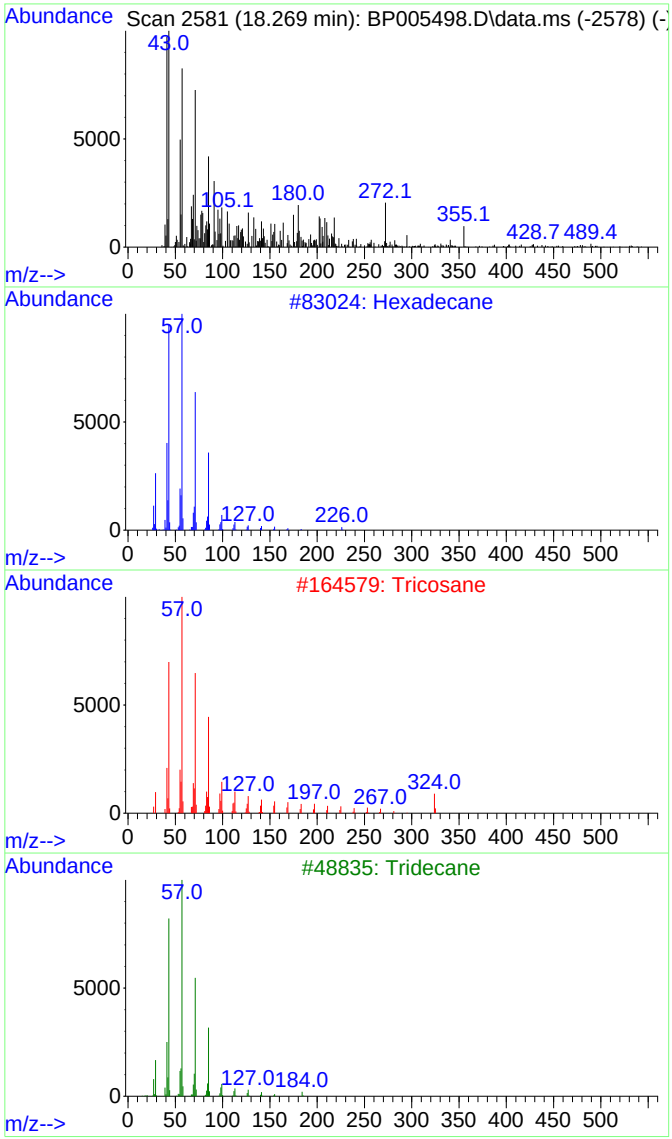
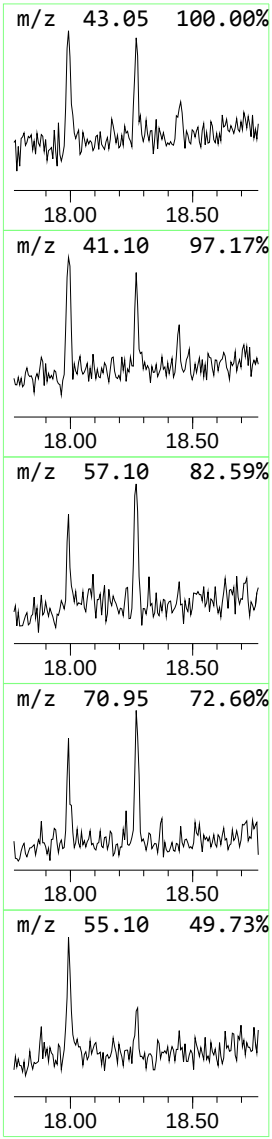
Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	2.05 ng	25390	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Tricosane	324	C23H48	000638-67-5	64
3	Tridecane	184	C13H28	000629-50-5	50
4	Tetradecane	198	C14H30	000629-59-4	50
5	Eicosane	282	C20H42	000112-95-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005498.D
Acq On : 11 May 2021 20:14
Operator : CG/JU
Sample : M2335-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-050721

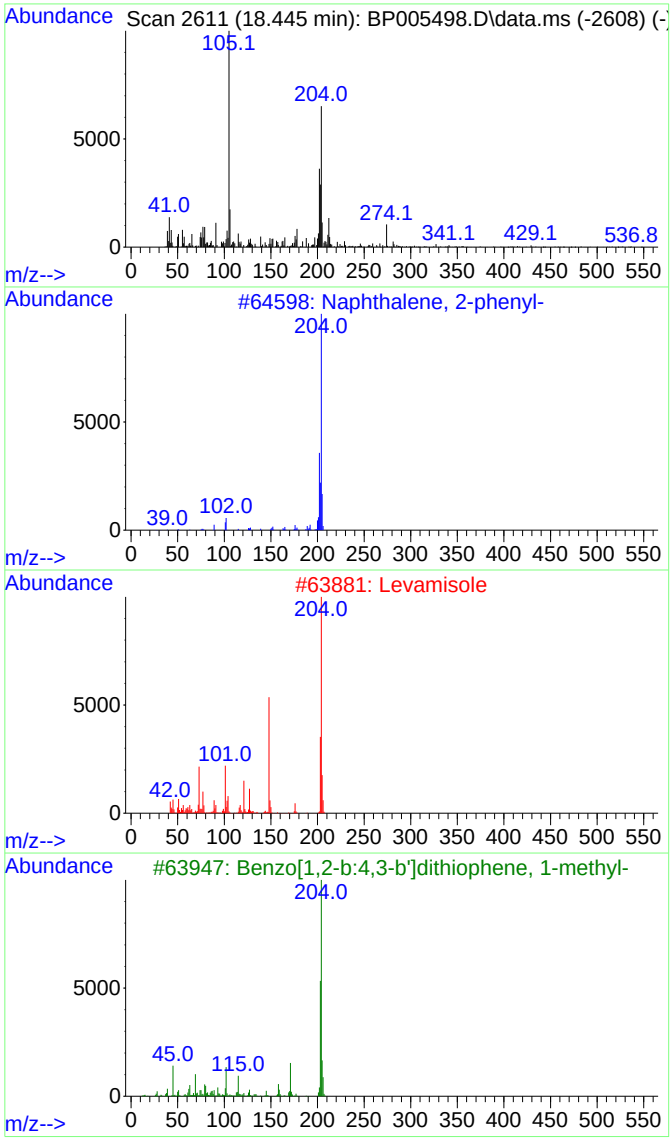
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

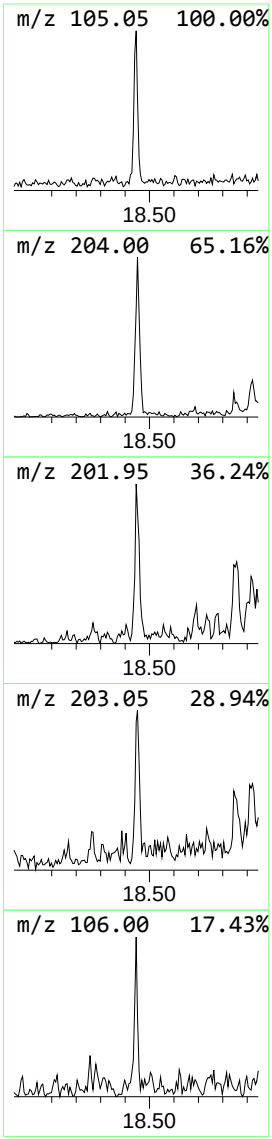
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown18.445 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	2.78 ng	34411	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
2	Levamisole	204	C11H12N2S	014769-73-4	38
3	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	38
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	30
5	Quinoline, 8-hydroxy-5-nitro-7-m...	289	C14H15N3O4	074440-53-2	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005498.D
Acq On : 11 May 2021 20:14
Operator : CG/JU
Sample : M2335-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-050721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

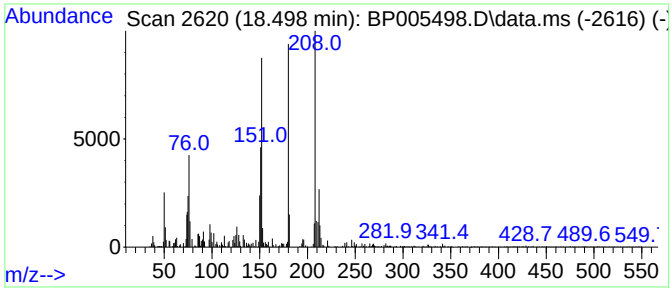
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

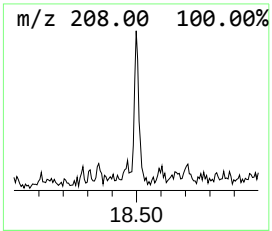
****

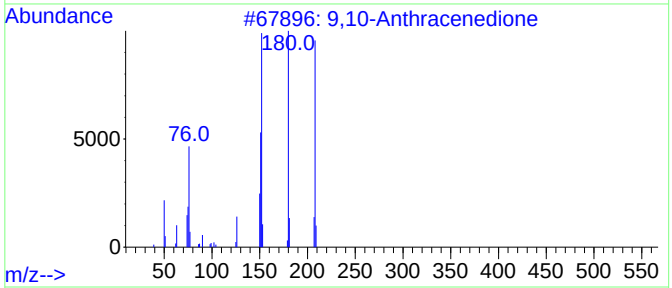
Peak Number 6 9,10-Anthracenedione Concentration Rank 4

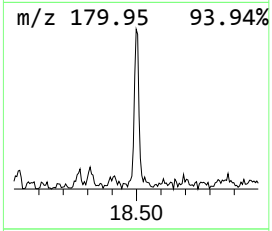
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.498	2.72 ng	33651	Phenanthrene-d10	17.092

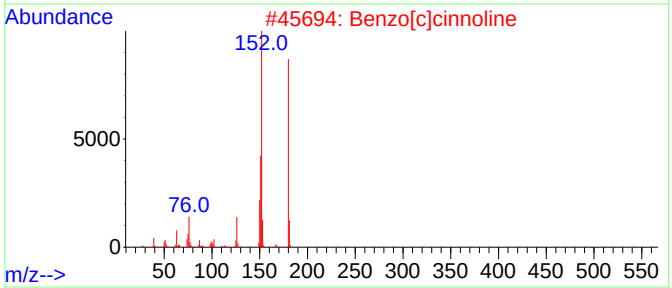
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46

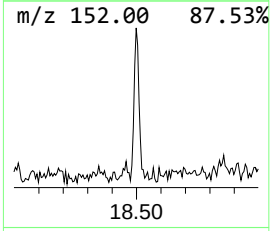


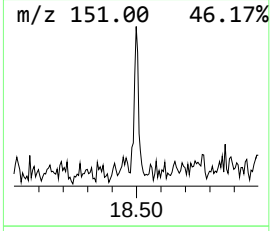


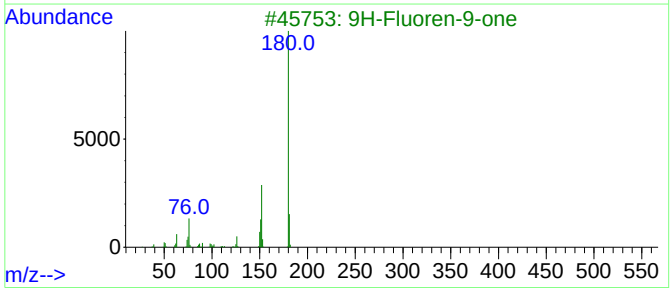


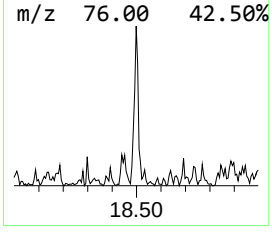












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005498.D
Acq On : 11 May 2021 20:14
Operator : CG/JU
Sample : M2335-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-050721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

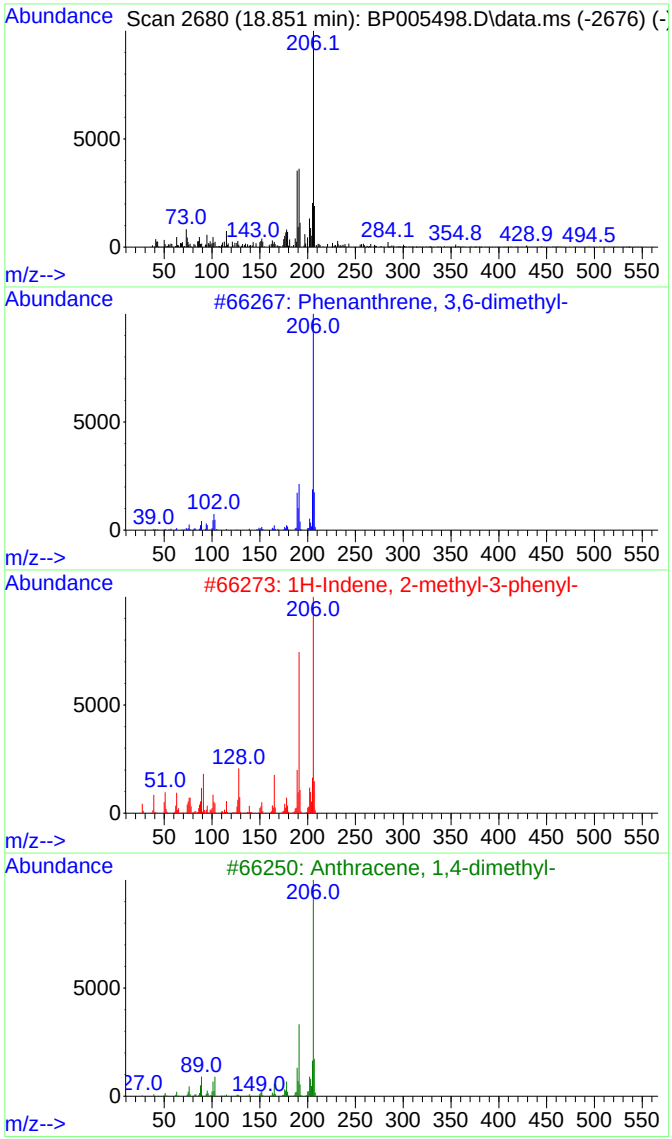
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

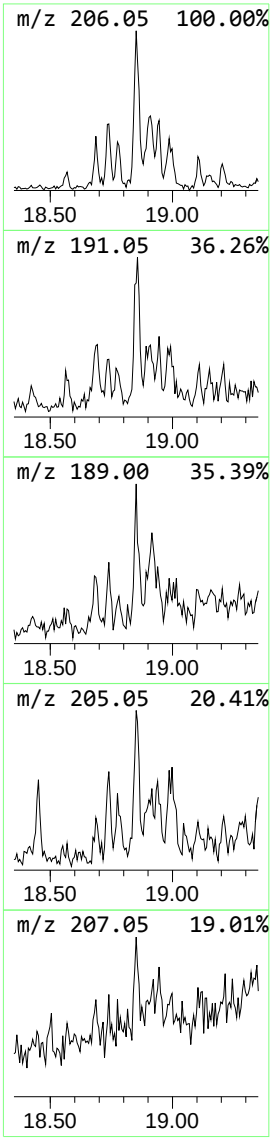
****

Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	3.23 ng	39995	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	89
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005498.D
Acq On : 11 May 2021 20:14
Operator : CG/JU
Sample : M2335-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-050721

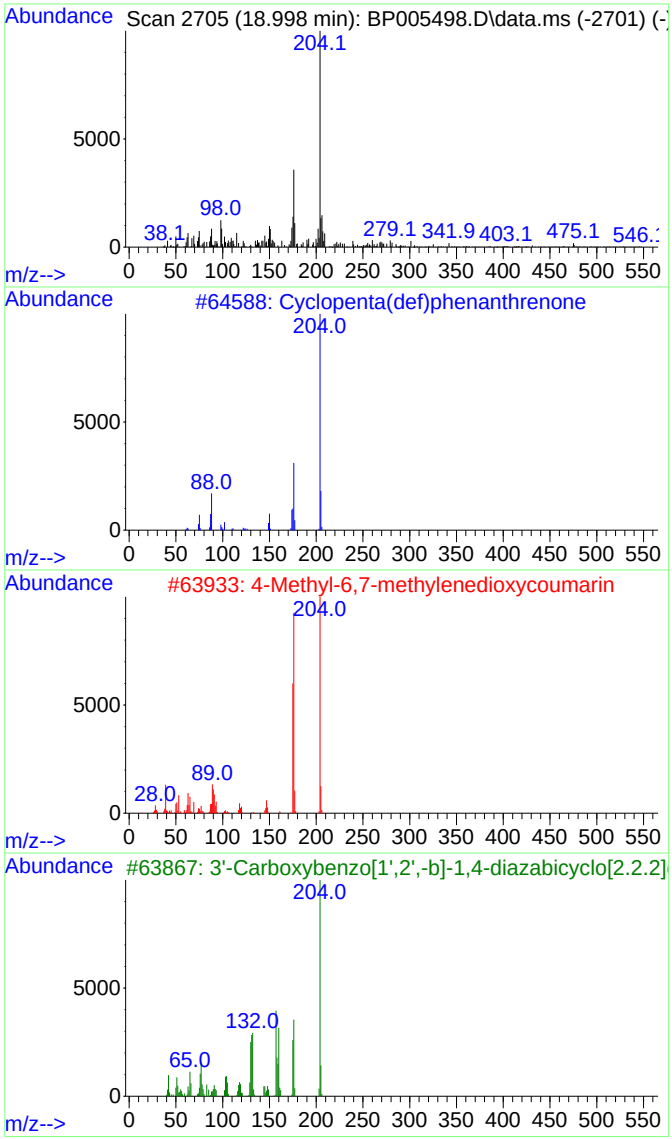
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

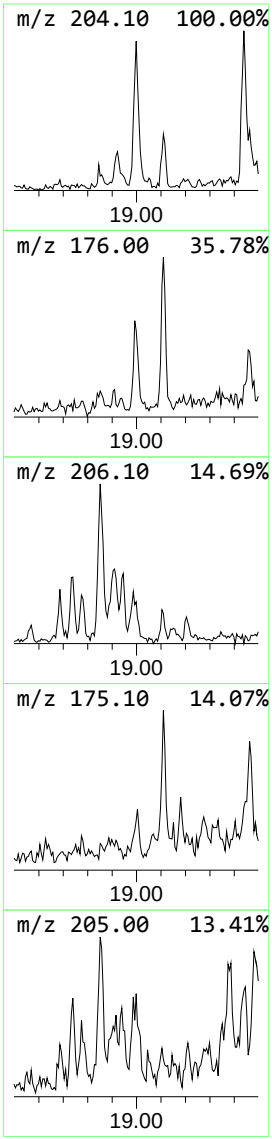
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	2.68 ng	33145	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	64
3	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	64
4	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	64
5	2-t-Butyl-thiazolidine-3,4-dicar...	261	C11H19NO4S	1000192-60-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005498.D
Acq On : 11 May 2021 20:14
Operator : CG/JU
Sample : M2335-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-050721

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2...	17.963	2.6	ng	31748	4	17.092	247476	20.0
unknown18.151	18.151	5.3	ng	65420	4	17.092	247476	20.0
Hexadecane	18.269	2.0	ng	25390	4	17.092	247476	20.0
unknown18.445	18.445	2.8	ng	34411	4	17.092	247476	20.0
9,10-Anthracene...	18.498	2.7	ng	33651	4	17.092	247476	20.0
Phenanthrene, 3...	18.851	3.2	ng	39995	4	17.092	247476	20.0
Cyclopenta(def)...	18.998	2.7	ng	33145	4	17.092	247476	20.0