LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009357.D
Acq On : 10 Mar 2022 22:19
Operator : CG/JU
Sample : N1847-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009357.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.064	9	13	32	rVB	279499	558737	4.59%	0.388%
2	3.658	110	114	125	rVB	111354	176127	1.45%	0.122%
3	5.416	406	413	430	rVB	2600451	4270768	35.12%	2.963%
4	6.993	673	681	696	rBV	2598476	4532814	37.27%	3.145%
5	7.816	814	821	832	rBV	1905431	3336438	27.44%	2.315%
6	8.969	1008	1017	1030	rBV	1674045	2893312	23.79%	2.007%
7	10.610	1286	1296	1304	rBV	2706096	4983798	40.98%	3.458%
8	13.081	1709	1716	1730	rBV	4518134	7163348	58.91%	4.970%
9	14.175	1896	1902	1910	rBV	228377	391724	3.22%	0.272%
10	14.457	1943	1950	1956	rBV	4155275	6523035	53.64%	4.526%
11	14.522	1956	1961	1970	rVB	269999	458667	3.77%	0.318%
12	14.857	2013	2018	2027	rVB2	119331	212819	1.75%	0.148%
13	15.510	2123	2129	2141	rVB	224386	394502	3.24%	0.274%
14	15.804	2175	2179	2190	rVB	104269	204607	1.68%	0.142%
15	15.951	2198	2204	2213	rBV	3540123	5378991	44.23%	3.732%
16	16.192	2240	2245	2256	rVB4	97132	189821	1.56%	0.132%
17	16.522	2291	2301	2305	rBV3	77607	206670	1.70%	0.143%
18	16.869	2355	2360	2369	rVB	167668	297167	2.44%	0.206%
19	16.951	2369	2374	2379	rBV3	98611	236959	1.95%	0.164%
20	17.033	2384	2388	2398	rVB	184814	352231	2.90%	0.244%
21	17.216	2413	2419	2423	rBV	4509508	7181354	59.05%	4.983%
22	17.257	2423	2426	2433	rVV	3489804	5366835	44.13%	3.724%
23	17.351	2437	2442	2448	rVV	1042472	1526811	12.56%	1.059%
24	17.410	2448	2452	2458	rVB3	112884	190476	1.57%	0.132%
25	17.622	2480	2488	2493	rBV2	280959	565010	4.65%	0.392%
26	17.739	2505	2508	2513	rBV3	144320	180455	1.48%	0.125%
27	18.092	2563	2568	2571	rBV	454686	714208	5.87%	0.496%
28	18.133	2571	2575	2583	rVB2	816048	1483948	12.20%	1.030%
29	18.216	2585	2589	2594	rVB	294441	419603	3.45%	0.291%
30	18.280	2594	2600	2604	rBV2	902495	1659831	13.65%	1.152%
31	18.575	2646	2650	2654	rBV	379361	556731	4.58%	0.386%
32	18.610	2654	2656	2663	rVB	274470	357505	2.94%	0.248%
33	18.822	2689	2692	2695	rVB2	137509	159888	1.31%	0.111%
34	18.986	2715	2720	2724	rBV	326461	558492	4.59%	0.387%
35	19.116	2739	2742	2751	rVB	368604	583548	4.80%	0.405%
36	19.239	2757	2763	2770	rBV	8097441	11414870	93.87%	7.920%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009357.D
Acq On : 10 Mar 2022 22:19
Operator : CG/JU
Sample : N1847-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.592	2813	2823	2831	rBV	6879051	12160616	100.00%	8.437%
38	19.663	2832	2835	2842	rVB2	291343	505137	4.15%	0.350%
39	19.792	2849	2857	2861	rBV	6296623	8528356	70.13%	5.917%
40	19.910	2873	2877	2883	rBV3	400109	899252	7.39%	0.624%
41	20.074	2902	2905	2910	rVB2	825980	1206084	9.92%	0.837%
42	20.174	2919	2922	2926	rBV	469297	595911	4.90%	0.413%
43	20.233	2928	2932	2935	rVB2	501090	765622	6.30%	0.531%
44	20.810	3027	3030	3037	rVB	559319	808607	6.65%	0.561%
45	21.057	3068	3072	3076	rBV2	887198	1359732	11.18%	0.943%
46	21.251	3102	3105	3108	rVB	846119	906600	7.46%	0.629%
47	21.321	3111	3117	3121	rVV3	5755953	11866184	97.58%	8.233%
48	21.363	3121	3124	3133	rVB	3093323	4514047	37.12%	3.132%
49	21.486	3142	3145	3157	rVB3	932330	1805659	14.85%	1.253%
50	23.010	3398	3404	3417	rVB	2787590	9185890	75.54%	6.373%
51	23.527	3488	3492	3501	rVB	1730305	3476371	28.59%	2.412%
52	23.633	3504	3510	3518	rVV	2381896	5132775	42.21%	3.561%
53	23.739	3523	3528	3534	rVV2	2326725	4731404	38.91%	3.283%

Sum of corrected areas: 144130347

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
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Acq On : 10 Mar 2022 22:19
Operator : CG/JU
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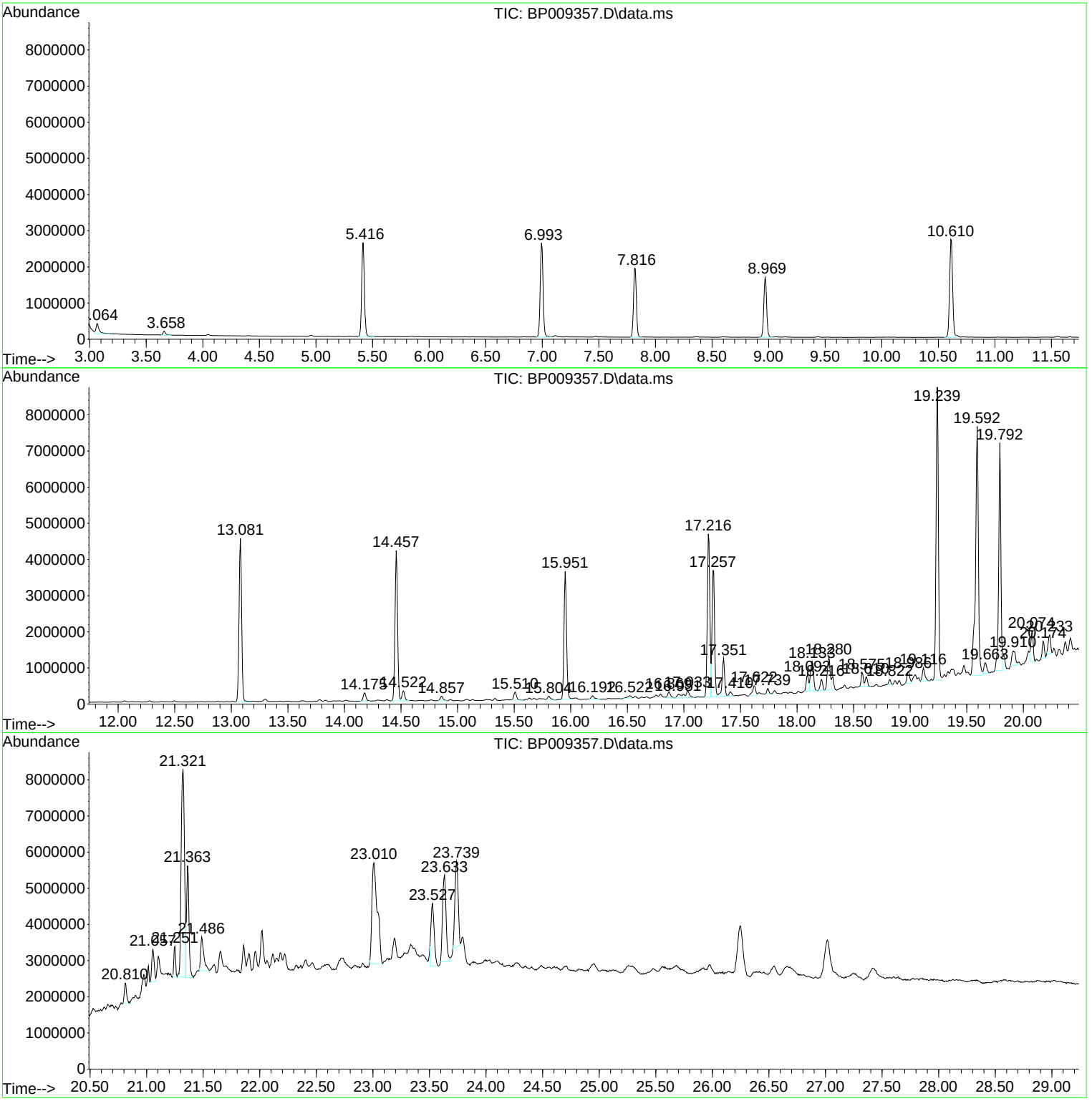
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009357.D
Acq On : 10 Mar 2022 22:19
Operator : CG/JU
Sample : N1847-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

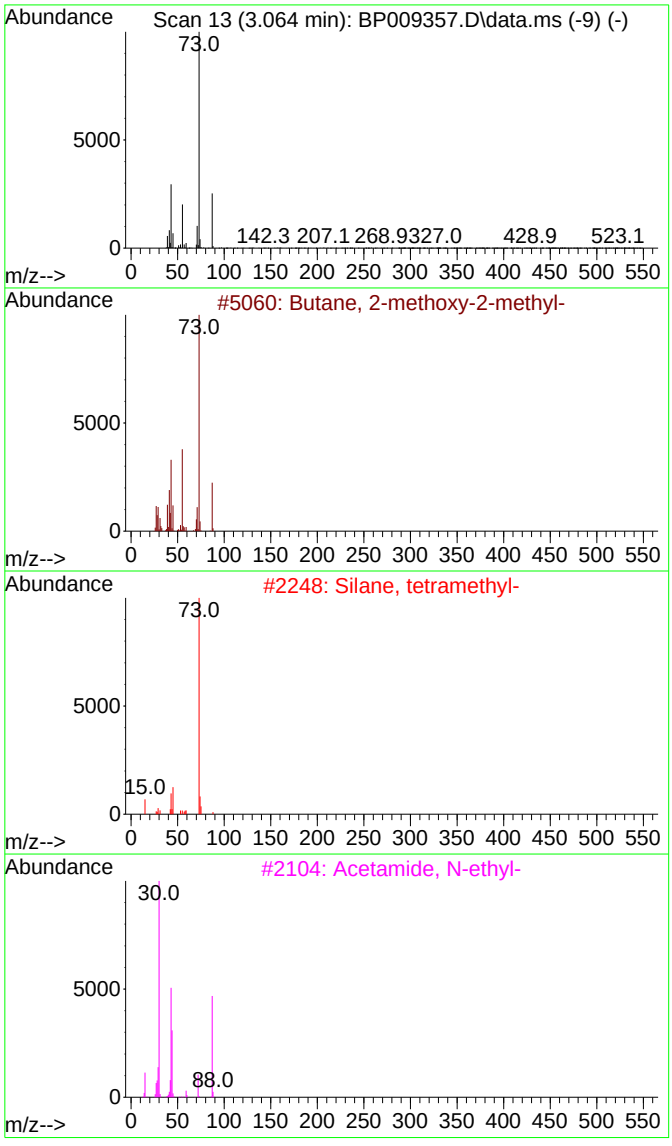
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

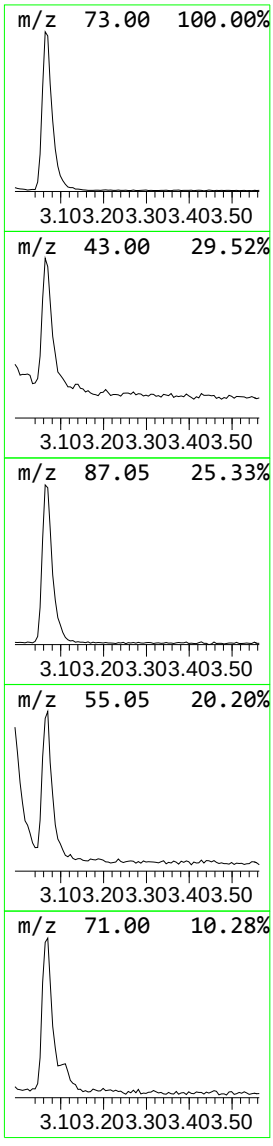
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.064	3.35 ng	558737	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009357.D
Acq On : 10 Mar 2022 22:19
Operator : CG/JU
Sample : N1847-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

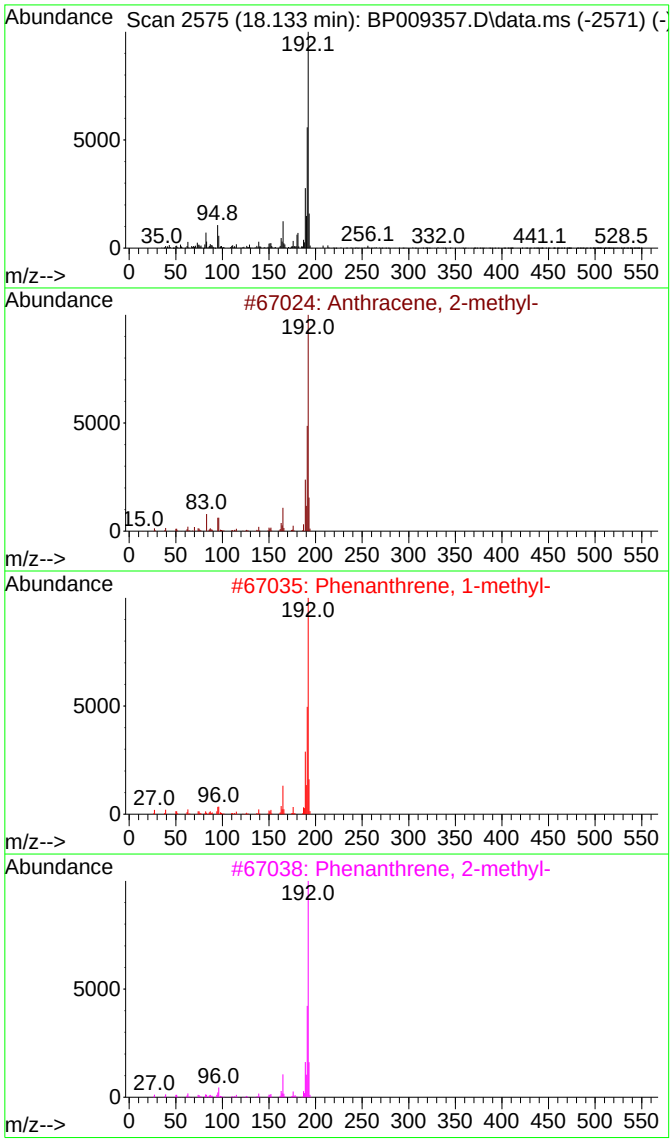
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

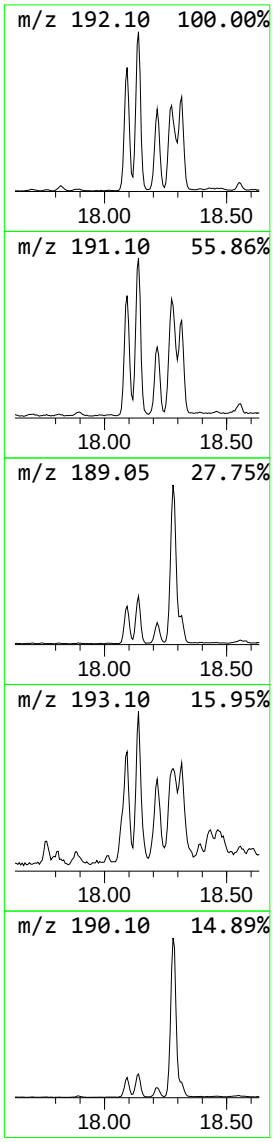
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	4.13 ng	1483950	Phenanthrene-d10	17.216

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009357.D
Acq On : 10 Mar 2022 22:19
Operator : CG/JU
Sample : N1847-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

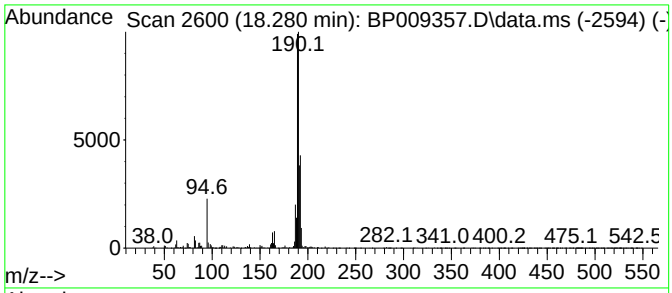
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

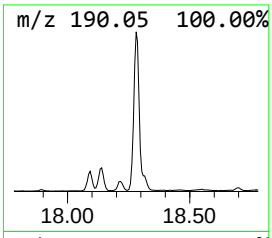
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

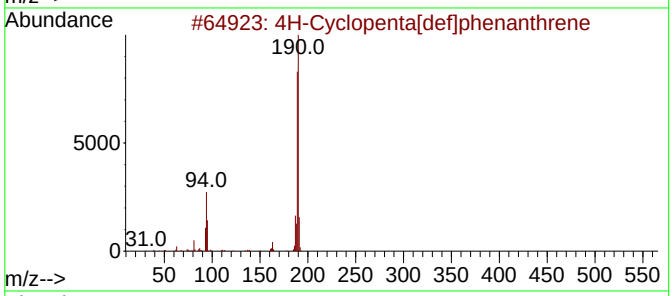
****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

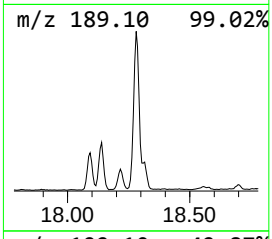
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	4.62 ng	1659830	Phenanthrene-d10	17.216

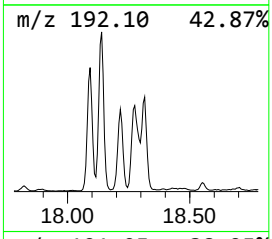
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38

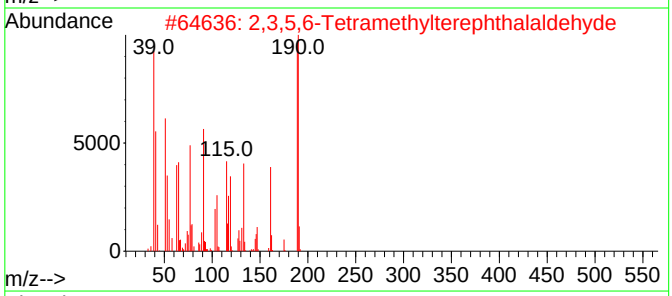


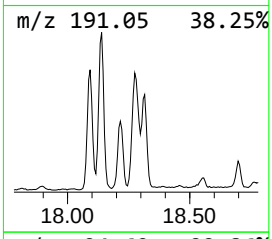


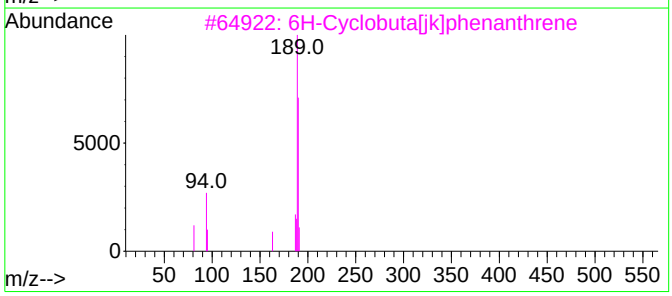


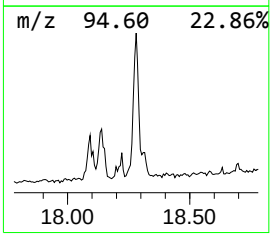












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009357.D
Acq On : 10 Mar 2022 22:19
Operator : CG/JU
Sample : N1847-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

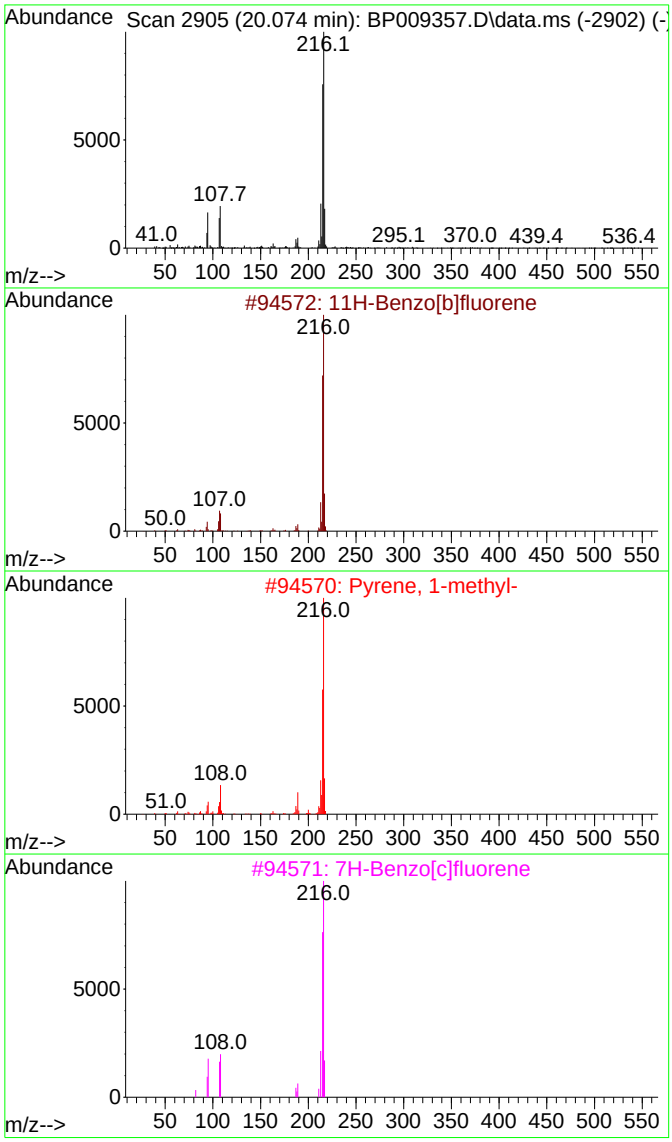
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

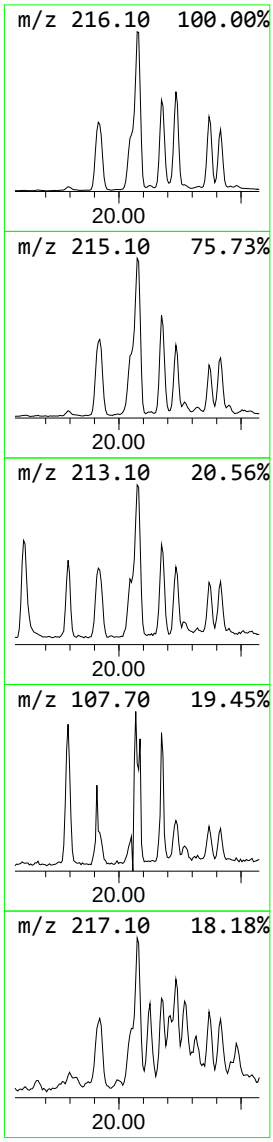
****

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.075	2.03 ng	1206080	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009357.D
Acq On : 10 Mar 2022 22:19
Operator : CG/JU
Sample : N1847-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

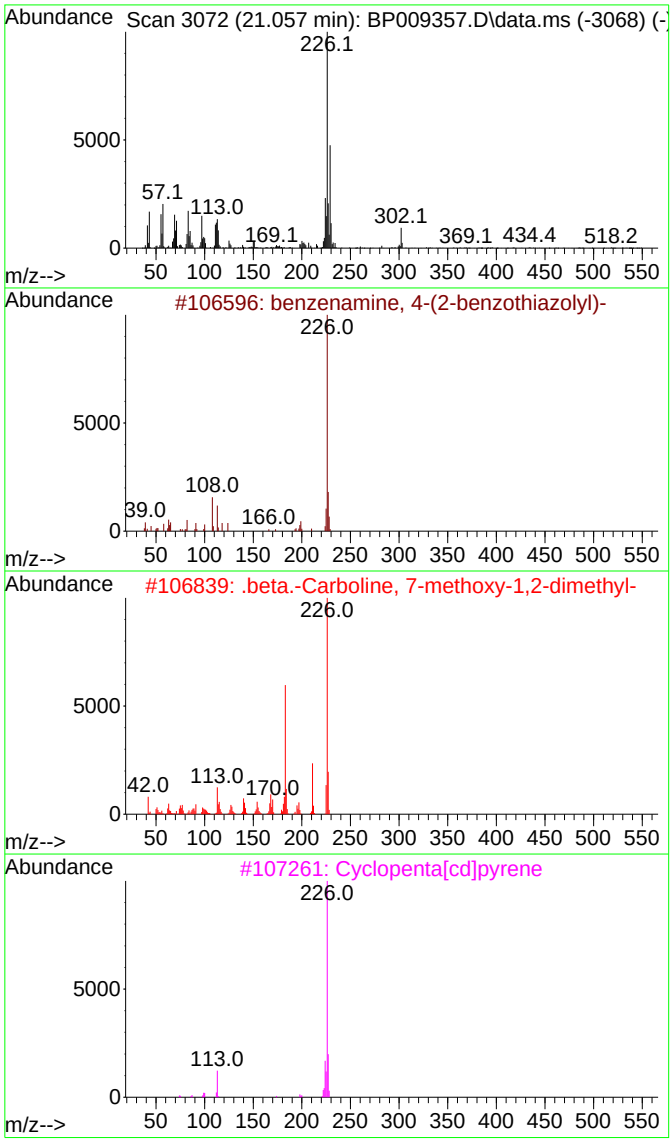
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

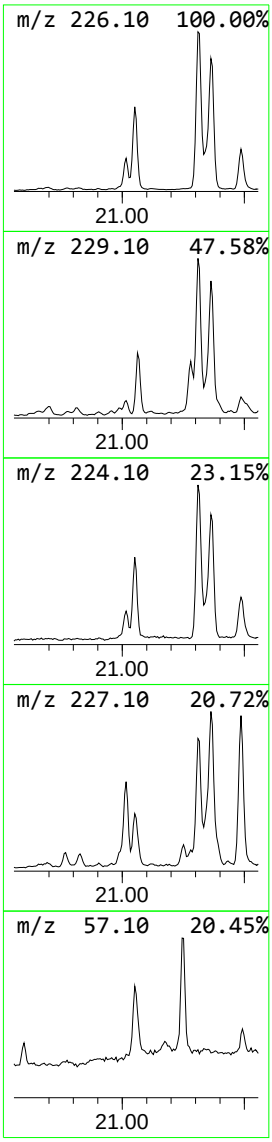
****

Peak Number 5 unknown21.057 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	2.29 ng	1359730	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	47
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	47
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
5	1,1,3,3-Tetrachloro-1,3-disilacy...	224	C2H4Cl4Si2	002146-97-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009357.D
Acq On : 10 Mar 2022 22:19
Operator : CG/JU
Sample : N1847-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

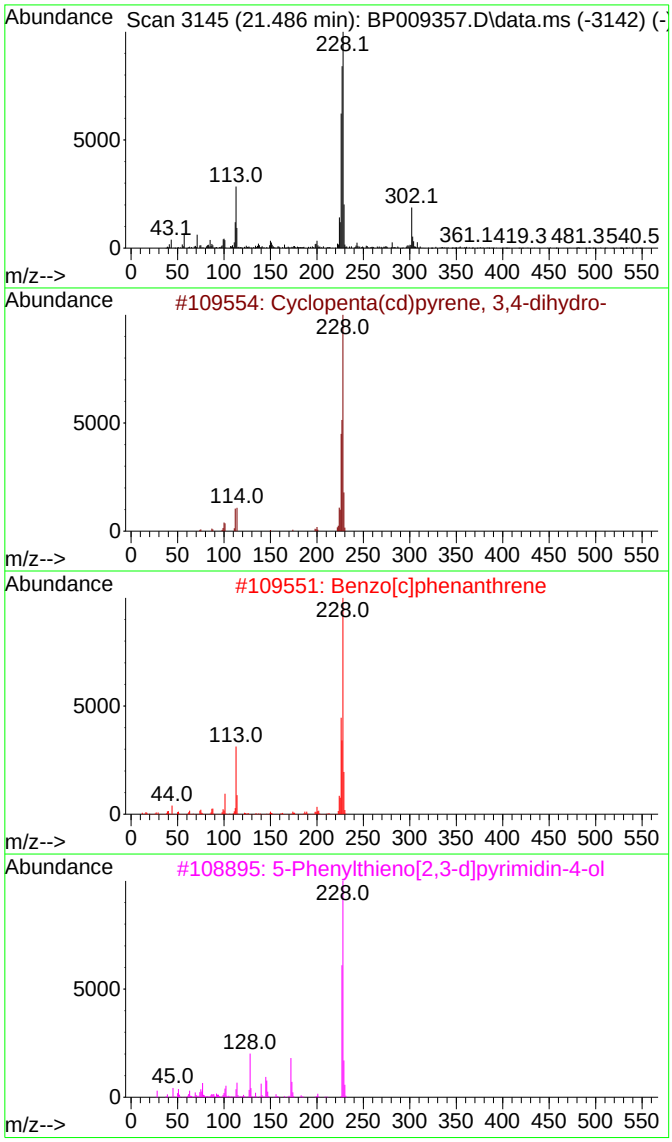
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

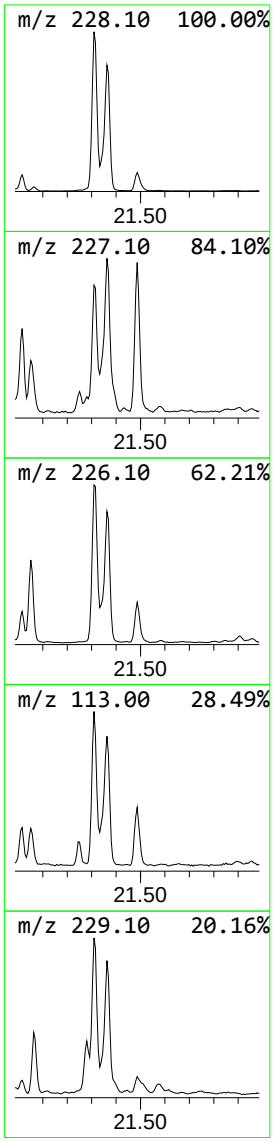
****

Peak Number 6 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.486	3.04 ng	1805660	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	70
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	50
4	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	47
5	Chrysene	228	C18H12	000218-01-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009357.D
Acq On : 10 Mar 2022 22:19
Operator : CG/JU
Sample : N1847-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

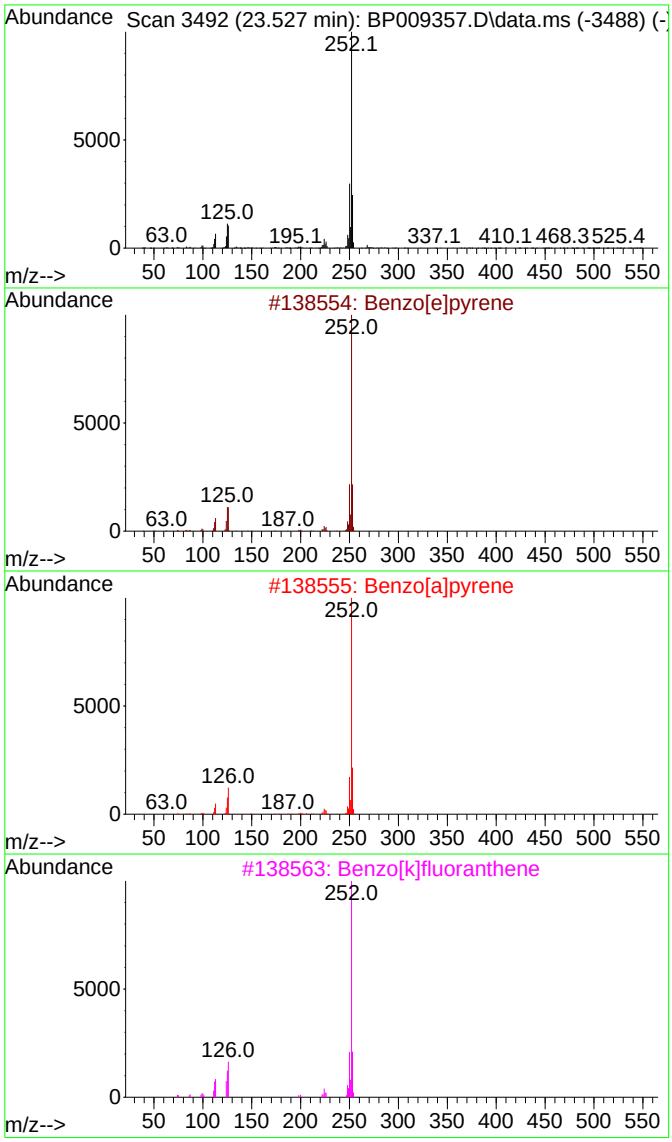
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

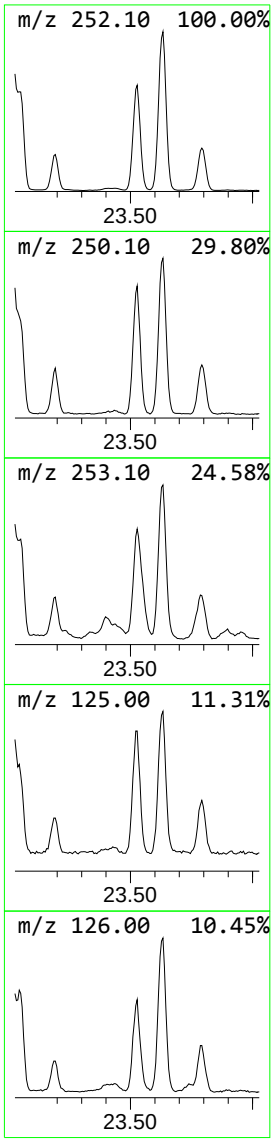
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.527	14.69 ng	3476370	Perylene-d12	23.739

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	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009357.D
Acq On : 10 Mar 2022 22:19
Operator : CG/JU
Sample : N1847-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-B3-030722-0-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.064	3.4	ng	558737	1	7.816	3336440	20.0
Anthracene, 2-m...	18.133	4.1	ng	1483950	4	17.216	7181350	20.0
4H-Cyclopenta[d...	18.280	4.6	ng	1659830	4	17.216	7181350	20.0
11H-Benzo[b]flu...	20.075	2.0	ng	1206080	5	21.327	11866200	20.0
unknown21.057	21.057	2.3	ng	1359730	5	21.327	11866200	20.0
Cyclopenta(cd)p...	21.486	3.0	ng	1805660	5	21.327	11866200	20.0
Benzo[e]pyrene	23.527	14.7	ng	3476370	6	23.739	4731400	20.0