LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009585.D
Acq On : 29 Mar 2022 02:12
Operator : CG/JU
Sample : N2095-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009585.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.017	3	5	16	rVB	162145	225299	3.25%	0.313%
2	3.246	40	44	50	rVB	124513	177721	2.56%	0.247%
3	4.517	255	260	269	rVB3	46414	84450	1.22%	0.117%
4	5.375	398	406	427	rBV	1909745	3427712	49.41%	4.767%
5	6.958	663	675	692	rBV	1661978	3379390	48.71%	4.700%
6	7.769	805	813	822	rBV	1106270	2012934	29.01%	2.799%
7	8.922	1002	1009	1022	rBV	1061210	2153876	31.05%	2.995%
8	9.122	1033	1043	1050	rVB	20579	74261	1.07%	0.103%
9	10.563	1278	1288	1305	rBV	1316095	2743688	39.55%	3.816%
10	11.604	1458	1465	1471	rBV	39788	76682	1.11%	0.107%
11	12.234	1566	1572	1579	rVB2	41928	80158	1.16%	0.111%
12	13.034	1700	1708	1725	rBV	3110876	5133332	73.99%	7.139%
13	13.245	1739	1744	1756	rVB2	47100	94975	1.37%	0.132%
14	14.134	1889	1895	1905	rVB	97263	175520	2.53%	0.244%
15	14.416	1935	1943	1949	rBV	2071542	3361977	48.46%	4.675%
16	14.481	1949	1954	1963	rVB	134689	288457	4.16%	0.401%
17	14.822	2007	2012	2019	rVV	96134	163660	2.36%	0.228%
18	14.898	2021	2025	2030	rVB	60460	94507	1.36%	0.131%
19	15.469	2118	2122	2126	rBV	97663	142316	2.05%	0.198%
20	15.769	2169	2173	2181	rVB	65335	122875	1.77%	0.171%
21	15.916	2191	2198	2206	rBV	2301888	3806908	54.87%	5.294%
22	16.151	2234	2238	2249	rBV3	100283	214665	3.09%	0.299%
23	16.534	2300	2303	2310	rVB3	43567	75148	1.08%	0.105%
24	16.834	2350	2354	2363	rBV2	186306	357373	5.15%	0.497%
25	16.998	2379	2382	2390	rVB	154930	268132	3.86%	0.373%
26	17.181	2407	2413	2416	rBV	2541353	3877791	55.89%	5.393%
27	17.222	2416	2420	2427	rVV	2430546	3625267	52.25%	5.042%
28	17.316	2431	2436	2442	rVB	325211	526138	7.58%	0.732%
29	17.381	2443	2447	2452	rBV2	109410	202527	2.92%	0.282%
30	17.592	2479	2483	2492	rVB	205535	343335	4.95%	0.477%
31	17.698	2498	2501	2505	rBV2	115237	145794	2.10%	0.203%
32	17.769	2509	2513	2522	rVB2	160580	302374	4.36%	0.421%
33	18.057	2557	2562	2565	rBV	456436	662666	9.55%	0.922%
34	18.098	2565	2569	2576	rVB	733410	1197523	17.26%	1.665%
35	18.239	2589	2593	2597	rBV2	479140	765665	11.04%	1.065%
36	18.375	2613	2616	2618	rBV2	125780	142723	2.06%	0.198%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009585.D
Acq On : 29 Mar 2022 02:12
Operator : CG/JU
Sample : N2095-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

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-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.539	2641	2644	2648	rBV	322106	457564	6.60%	0.636%
38	18.586	2648	2652	2660	rVB2	447117	698868	10.07%	0.972%
39	18.951	2711	2714	2718	rBV	285278	385484	5.56%	0.536%
40	18.986	2718	2720	2726	rVB4	245823	356472	5.14%	0.496%
41	19.086	2734	2737	2743	rVB2	281357	461510	6.65%	0.642%
42	19.204	2752	2757	2764	rBV	4139279	5732743	82.63%	7.972%
43	19.557	2809	2817	2827	rBV	3390968	6034383	86.98%	8.392%
44	19.757	2846	2851	2856	rBV	5191622	6937808	100.00%	9.648%
45	21.292	3107	3112	3116	rBV2	3574377	6330988	91.25%	8.804%
46	23.692	3515	3520	3526	rBV	2016583	3983436	57.42%	5.540%

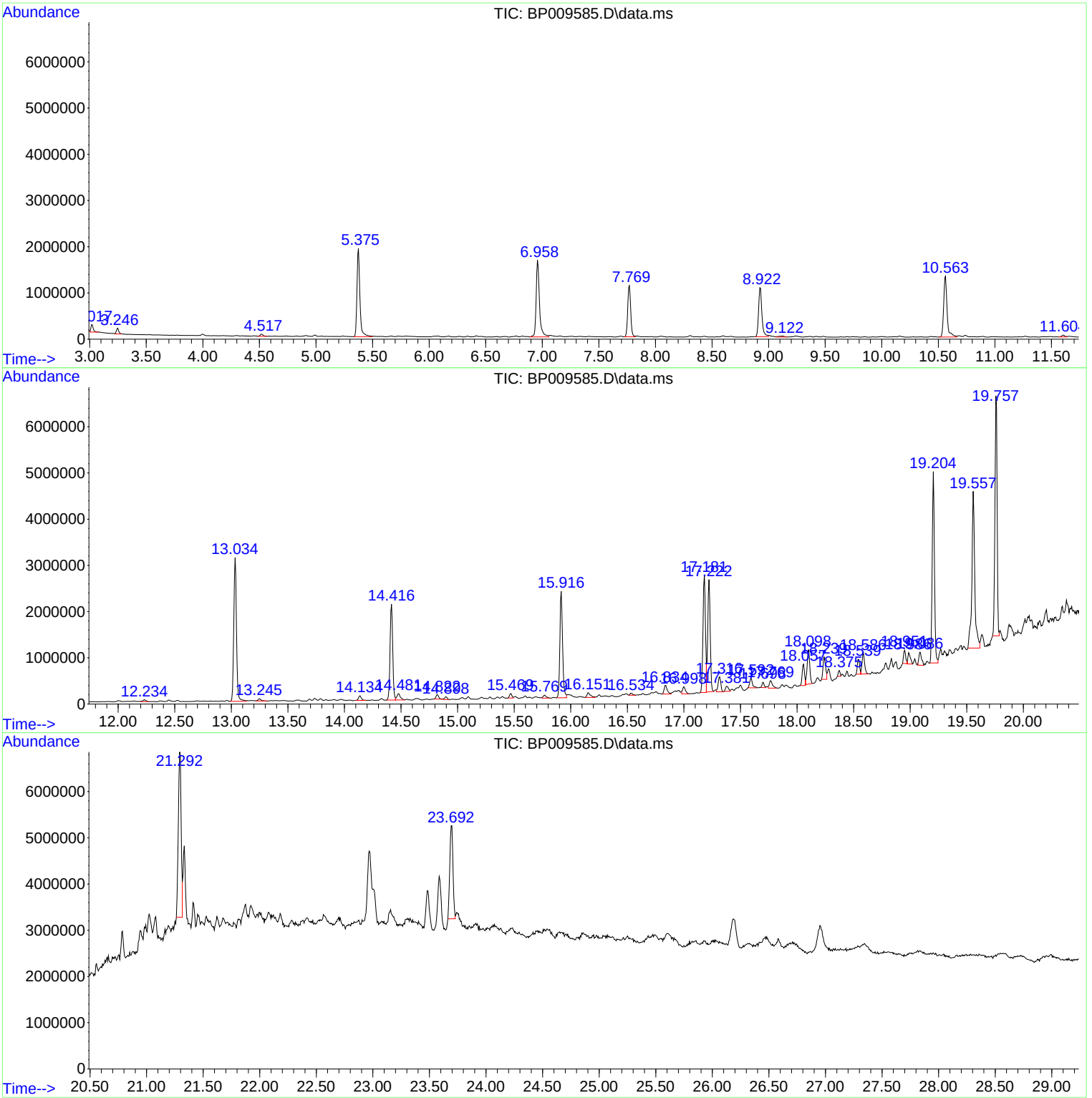
Sum of corrected areas: 71907075

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009585.D
Acq On : 29 Mar 2022 02:12
Operator : CG/JU
Sample : N2095-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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\BP032822\
Data File : BP009585.D
Acq On : 29 Mar 2022 02:12
Operator : CG/JU
Sample : N2095-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

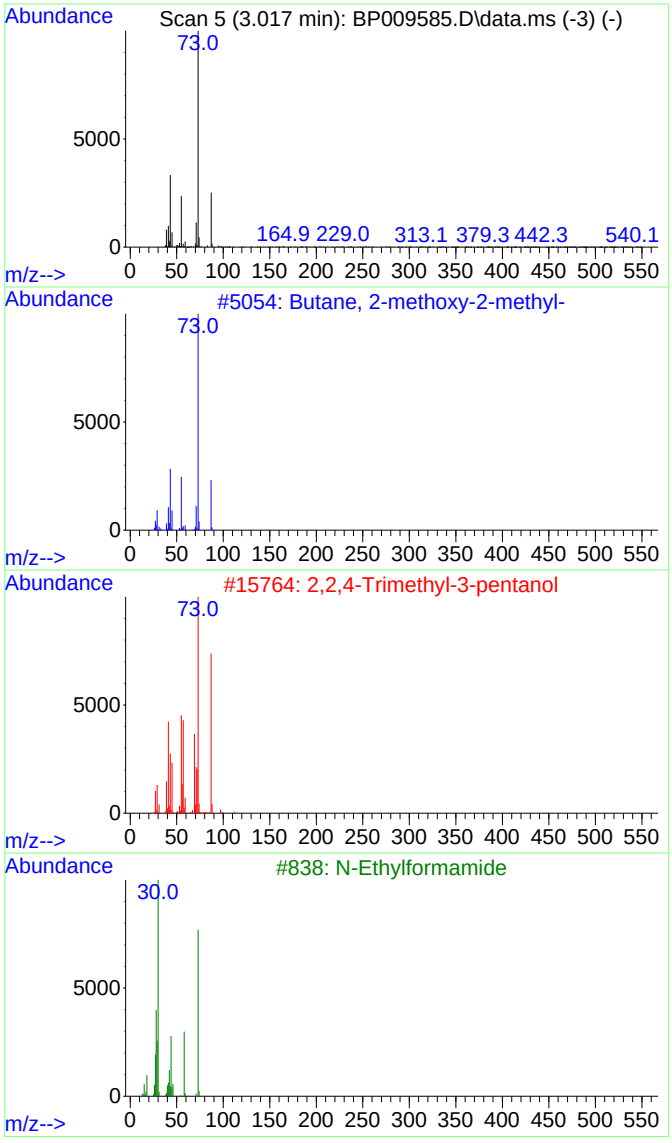
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

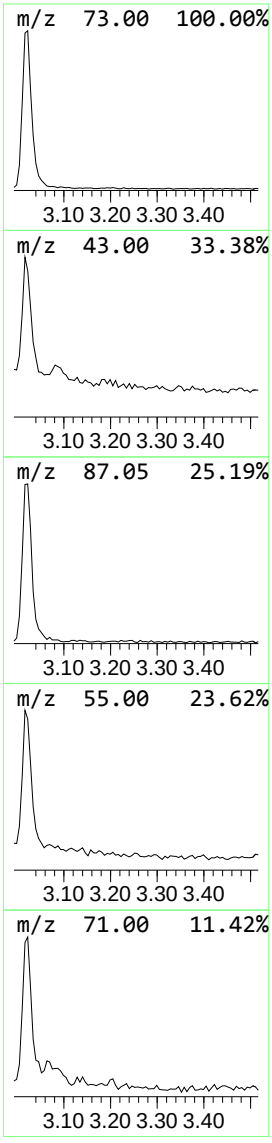
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.017	2.24 ng	225299	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009585.D
Acq On : 29 Mar 2022 02:12
Operator : CG/JU
Sample : N2095-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

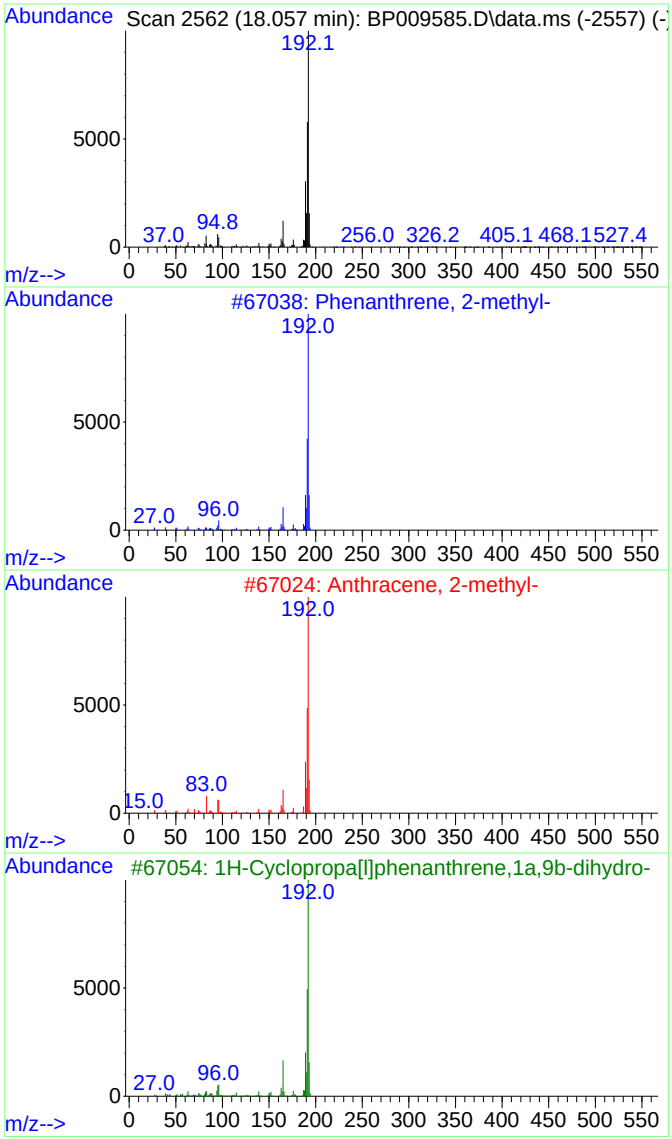
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

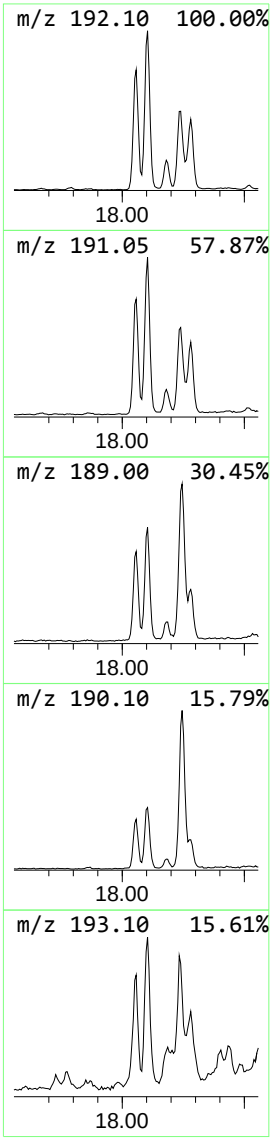
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	3.42 ng	662666	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009585.D
Acq On : 29 Mar 2022 02:12
Operator : CG/JU
Sample : N2095-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

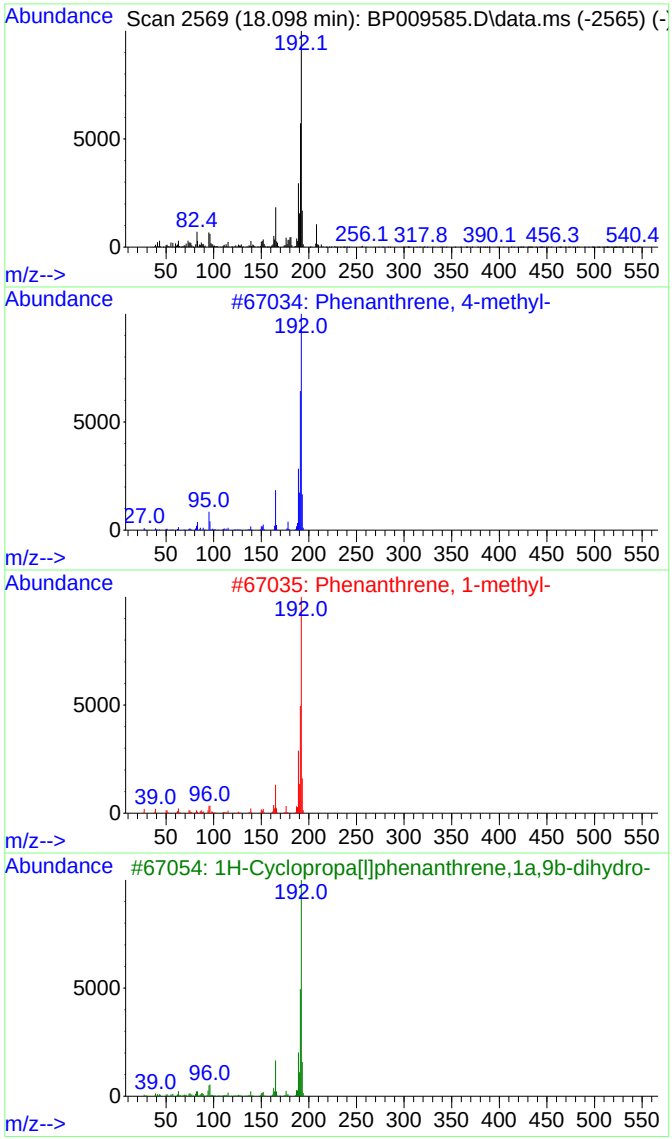
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

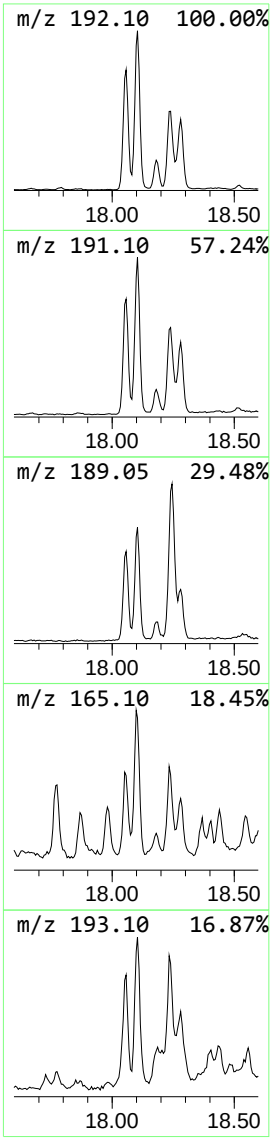
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	6.18 ng	1197520	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009585.D
Acq On : 29 Mar 2022 02:12
Operator : CG/JU
Sample : N2095-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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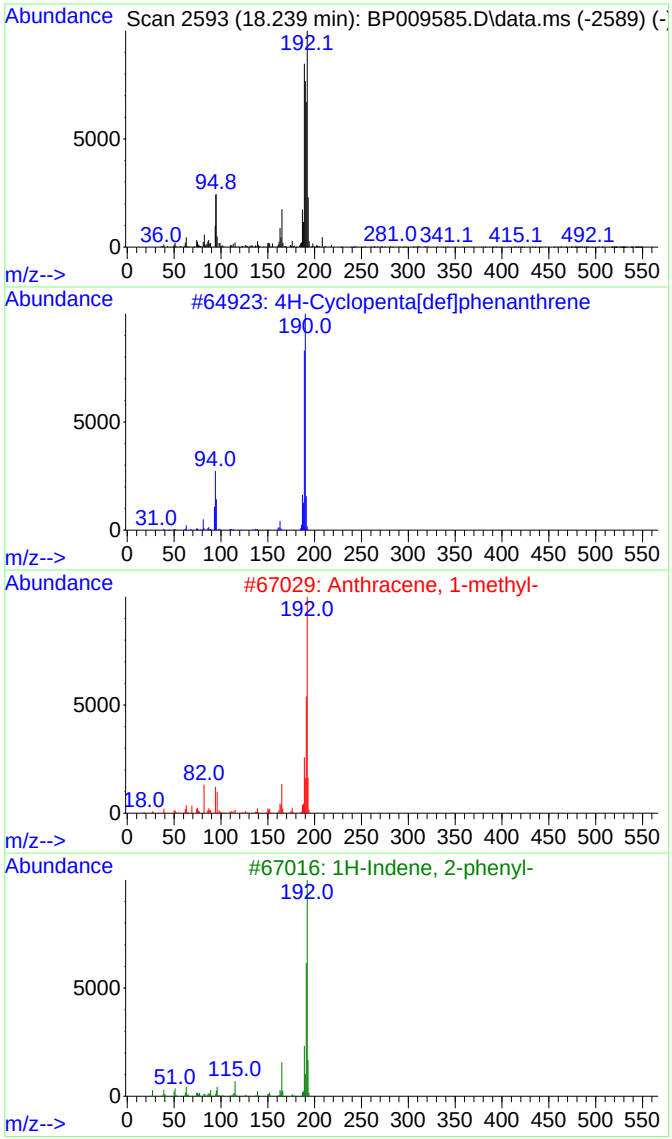
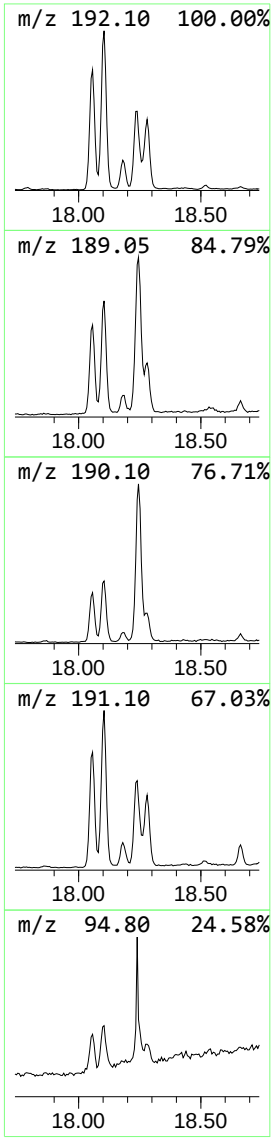
Peak Number 4 unknown18.239 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	3.95 ng	765665	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	41
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009585.D
Acq On : 29 Mar 2022 02:12
Operator : CG/JU
Sample : N2095-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

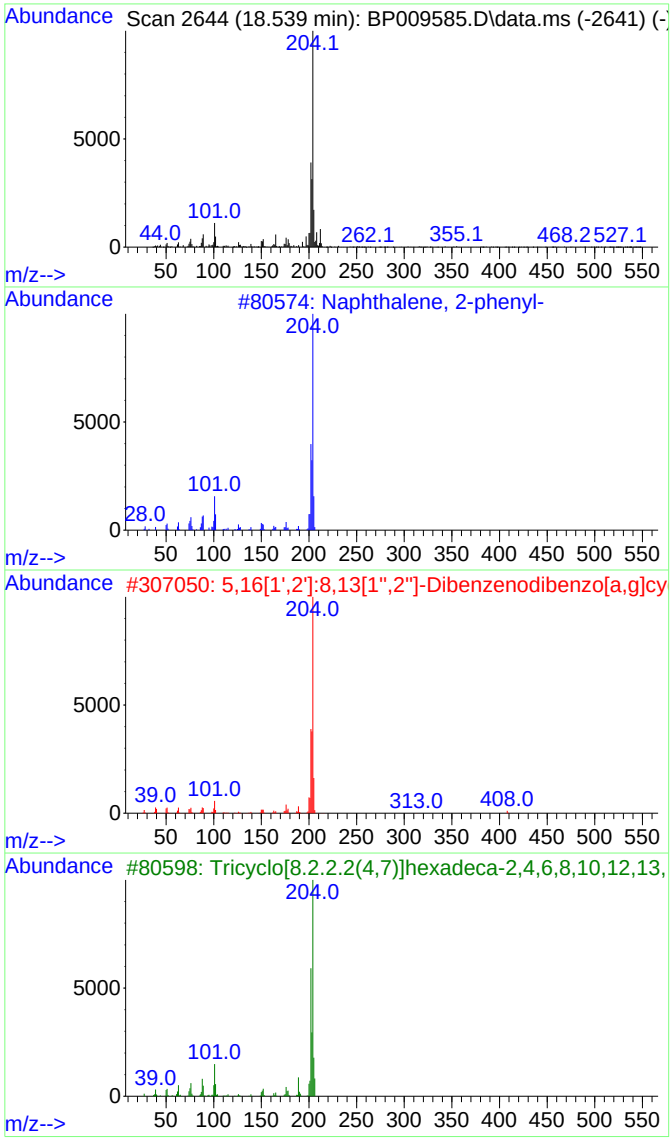
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

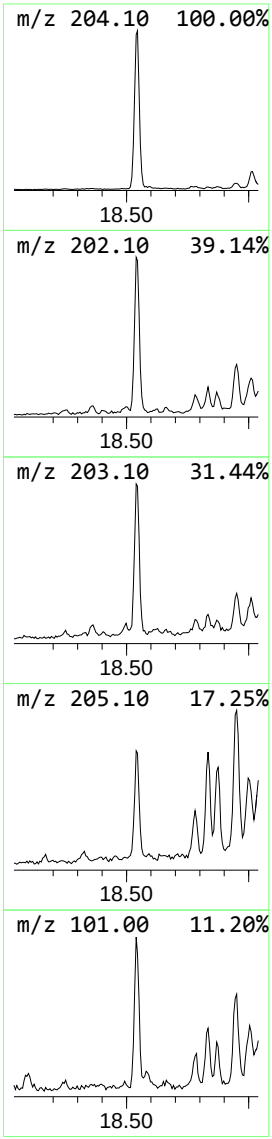
****

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	2.36 ng	457564	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009585.D
Acq On : 29 Mar 2022 02:12
Operator : CG/JU
Sample : N2095-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

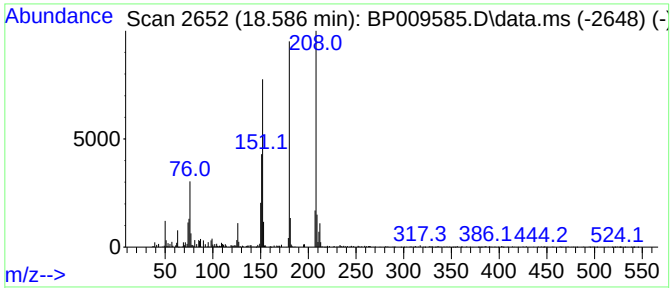
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

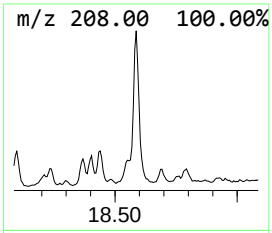
****

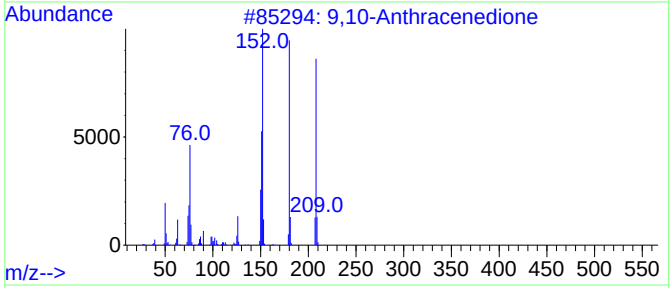
Peak Number 6 9,10-Anthracenedione Concentration Rank 3

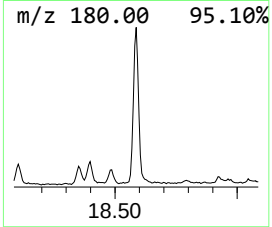
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.586	3.60 ng	698868	Phenanthrene-d10	17.180

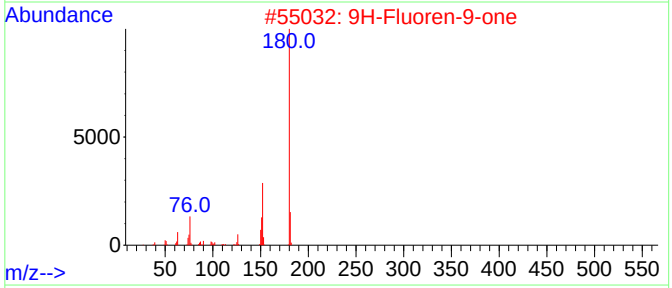
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55

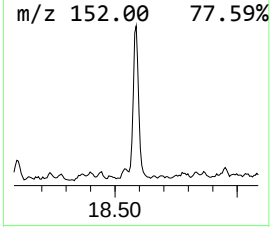


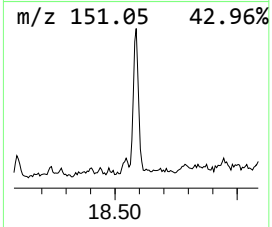


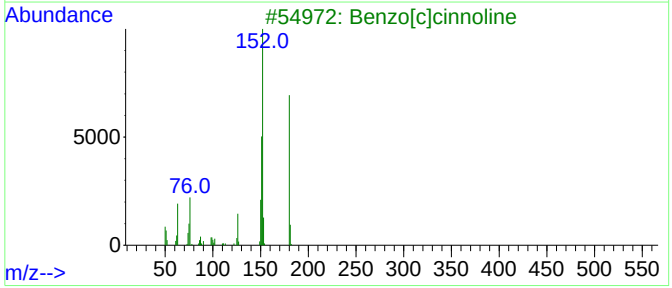


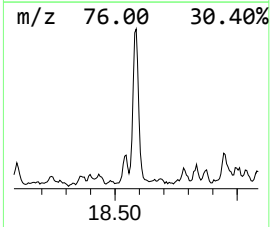












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009585.D
Acq On : 29 Mar 2022 02:12
Operator : CG/JU
Sample : N2095-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

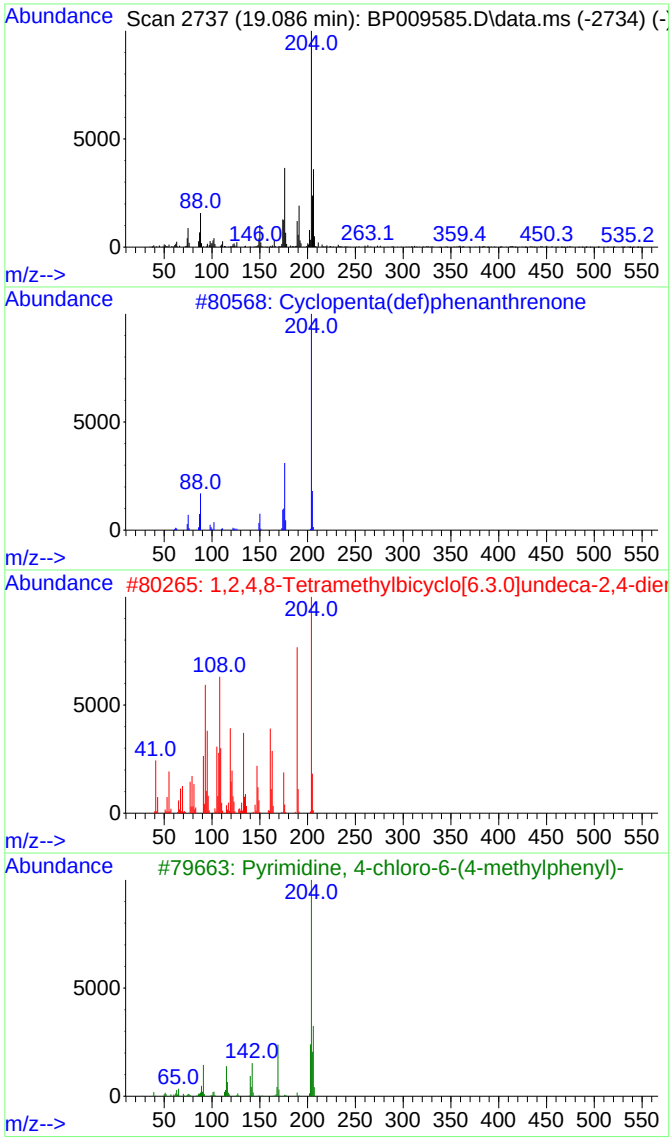
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

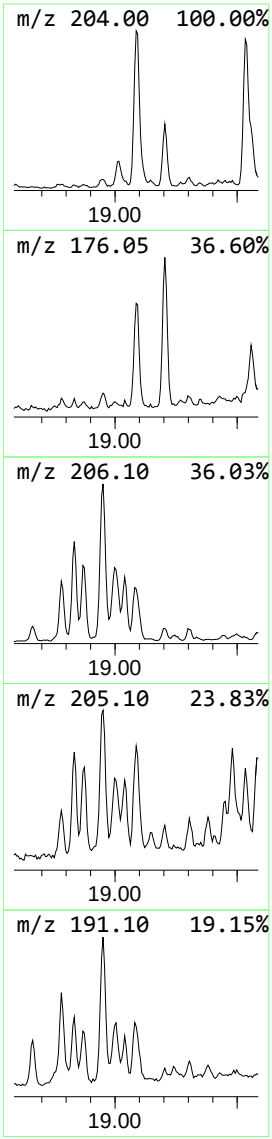
****

Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.086	2.38 ng	461510	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47
4	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009585.D
Acq On : 29 Mar 2022 02:12
Operator : CG/JU
Sample : N2095-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-14-4.0-5.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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...	3.017	2.2	ng	225299	1	7.769	2012930	20.0
Phenanthrene, 2...	18.057	3.4	ng	662666	4	17.180	3877790	20.0
Phenanthrene, 4...	18.098	6.2	ng	1197520	4	17.180	3877790	20.0
unknown18.239	18.239	4.0	ng	765665	4	17.180	3877790	20.0
Naphthalene, 2-...	18.539	2.4	ng	457564	4	17.180	3877790	20.0
9,10-Anthracene...	18.586	3.6	ng	698868	4	17.180	3877790	20.0
Cyclopenta(def)...	19.086	2.4	ng	461510	4	17.180	3877790	20.0