LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012272.D
Acq On : 22 Oct 2022 06:56
Operator : CG/JU
Sample : N4755-08DL 10X
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBWK4DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SFAM-EPA-BP101922.M
Title : SVOA CALIBRATION

Signal : TIC: BP012272.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	7	9	17	rVB	57248	71058	0.97%	0.106%
2	3.717	122	124	129	rVV2	15359	22798	0.31%	0.034%
3	3.781	131	135	141	rVB	43854	57580	0.79%	0.086%
4	3.993	167	171	177	rVB	25049	34260	0.47%	0.051%
5	4.558	264	267	272	rVB3	15597	22887	0.31%	0.034%
6	4.934	325	331	337	rVB5	7455	15762	0.22%	0.023%
7	5.028	344	347	355	rVB7	7044	14024	0.19%	0.021%
8	5.805	475	479	488	rVB5	9858	17436	0.24%	0.026%
9	6.993	675	681	696	rBV	83104	168229	2.30%	0.250%
10	7.158	703	709	719	rBV	73566	128167	1.75%	0.191%
11	7.352	735	742	751	rBV	92905	161053	2.20%	0.240%
12	7.469	758	762	771	rVV7	10753	20489	0.28%	0.030%
13	7.558	771	777	782	rVB10	5382	10317	0.14%	0.015%
14	7.816	813	821	833	rBV	1300314	2104052	28.74%	3.130%
15	8.087	860	867	871	rBV2	11906	21668	0.30%	0.032%
16	8.358	906	913	924	rBV	67598	143140	1.96%	0.213%
17	8.540	937	944	952	rBV	81571	164985	2.25%	0.245%
18	8.658	960	964	973	rVB6	7094	17778	0.24%	0.026%
19	8.987	1015	1020	1032	rBV	68464	137079	1.87%	0.204%
20	9.710	1137	1143	1152	rBV	56840	106894	1.46%	0.159%
21	10.052	1196	1201	1208	rBV6	6921	14113	0.19%	0.021%
22	10.116	1208	1212	1217	rBV6	7272	12678	0.17%	0.019%
23	10.257	1229	1236	1249	rBV	74880	175644	2.40%	0.261%
24	10.622	1290	1298	1304	rBV	1740236	2914612	39.81%	4.336%
25	10.669	1304	1306	1316	rVV	159054	252298	3.45%	0.375%
26	10.787	1319	1326	1338	rVB3	36891	98084	1.34%	0.146%
27	11.875	1506	1511	1519	rVB3	5038	11501	0.16%	0.017%
28	12.040	1532	1539	1546	rBV3	7728	18201	0.25%	0.027%
29	12.146	1550	1557	1561	rBV6	11288	23908	0.33%	0.036%
30	12.287	1575	1581	1588	rBV	62286	106142	1.45%	0.158%
31	12.434	1600	1606	1613	rBV9	8812	24849	0.34%	0.037%
32	12.510	1613	1619	1628	rVB	28556	53040	0.72%	0.079%
33	13.198	1729	1736	1740	rBV9	5710	11735	0.16%	0.017%
34	13.298	1747	1753	1759	rBV3	22314	49353	0.67%	0.073%
35	13.440	1771	1777	1782	rBV4	13010	27374	0.37%	0.041%
36	13.498	1783	1787	1796	rVB6	8817	17366	0.24%	0.026%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012272.D
Acq On : 22 Oct 2022 06:56
Operator : CG/JU
Sample : N4755-08DL 10X
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBWK4DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SFAM-EPA-BP101922.M
Title : SVOA CALIBRATION

37	13.628	1804	1809	1810	rBV5	11300	15056	0.21%	0.022%
38	13.793	1831	1837	1841	rBV2	16040	30593	0.42%	0.046%
39	13.881	1848	1852	1857	rBV	181872	258224	3.53%	0.384%
40	14.004	1867	1873	1874	rBV6	8698	14631	0.20%	0.022%
41	14.016	1874	1875	1879	rVB3	11205	12468	0.17%	0.019%
42	14.163	1894	1900	1902	rVV2	228470	351771	4.80%	0.523%
43	14.193	1902	1905	1920	rVB	311801	516805	7.06%	0.769%
44	14.357	1929	1933	1938	rVB	38818	48826	0.67%	0.073%
45	14.469	1945	1952	1960	rBV	2352302	3588298	49.01%	5.338%
46	14.534	1960	1963	1973	rVB	111050	161014	2.20%	0.240%
47	14.616	1973	1977	1983	rVB	21267	32514	0.44%	0.048%
48	14.710	1989	1993	1997	rBV6	13425	24357	0.33%	0.036%
49	14.869	2015	2020	2027	rBV	134556	216077	2.95%	0.321%
50	14.981	2036	2039	2045	rVB6	15446	24329	0.33%	0.036%
51	15.251	2082	2085	2089	rBV6	7533	11215	0.15%	0.017%
52	15.316	2092	2096	2099	rVV	57097	65322	0.89%	0.097%
53	15.469	2116	2122	2127	rBV	315151	462336	6.31%	0.688%
54	15.522	2127	2131	2139	rVB	122884	189873	2.59%	0.282%
55	15.598	2140	2144	2149	rBV4	29715	48435	0.66%	0.072%
56	15.722	2161	2165	2170	rVB2	45217	64219	0.88%	0.096%
57	15.816	2178	2181	2185	rBV2	28466	39081	0.53%	0.058%
58	15.939	2198	2202	2204	rBV2	22676	34084	0.47%	0.051%
59	16.181	2238	2243	2244	rBV	144563	163424	2.23%	0.243%
60	16.204	2244	2247	2260	rVB2	239509	395703	5.40%	0.589%
61	16.763	2339	2342	2344	rBV4	19152	23694	0.32%	0.035%
62	16.804	2346	2349	2356	rVB2	44259	66864	0.91%	0.099%
63	16.886	2358	2363	2368	rBV	137773	218844	2.99%	0.326%
64	16.981	2375	2379	2382	rVV	151381	172783	2.36%	0.257%
65	17.028	2383	2387	2399	rVB2	141062	295007	4.03%	0.439%
66	17.228	2415	2421	2426	rBV	2772338	4026471	55.00%	5.990%
67	17.269	2426	2428	2434	rVV	575638	746549	10.20%	1.111%
68	17.328	2434	2438	2440	rVV2	323446	445463	6.08%	0.663%
69	17.363	2440	2444	2450	rVB	2290271	3340606	45.63%	4.969%
70	17.639	2487	2491	2501	rBV	310276	425091	5.81%	0.632%
71	17.722	2501	2505	2508	rBV	186174	210852	2.88%	0.314%
72	18.145	2575	2577	2583	rVB2	90069	113803	1.55%	0.169%
73	18.222	2586	2590	2597	rVV	171694	254763	3.48%	0.379%
74	18.292	2597	2602	2609	rVV2	350724	557911	7.62%	0.830%
75	18.392	2616	2619	2624	rBV	210037	261368	3.57%	0.389%
76	18.481	2631	2634	2642	rVB	160297	223364	3.05%	0.332%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012272.D
Acq On : 22 Oct 2022 06:56
Operator : CG/JU
Sample : N4755-08DL 10X
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SFAM-EPA-BP101922.M
Title : SVOA CALIBRATION

77	18.628	2655	2659	2663	rBV2	154413	214902	2.94%	0.320%
78	19.004	2720	2723	2727	rVB	202559	232972	3.18%	0.347%
79	19.128	2739	2744	2752	rBV	813324	1145663	15.65%	1.704%
80	19.245	2759	2764	2769	rVB	3085099	4015362	54.84%	5.973%
81	19.339	2777	2780	2784	rBV	106981	148667	2.03%	0.221%
82	19.463	2798	2801	2803	rBV	191290	254581	3.48%	0.379%
83	19.569	2814	2819	2820	rBV2	997031	1274476	17.41%	1.896%
84	19.598	2820	2824	2832	rVB	5423090	7321451	100.00%	10.891%
85	19.769	2850	2853	2859	rVB	167998	219829	3.00%	0.327%
86	19.833	2860	2864	2870	rVB	700090	962072	13.14%	1.431%
87	19.922	2873	2879	2884	rVB3	185887	448813	6.13%	0.668%
88	20.057	2897	2902	2903	rBV2	235077	363072	4.96%	0.540%
89	20.127	2910	2914	2918	rBV	234553	328351	4.48%	0.488%
90	20.175	2919	2922	2926	rVV	224746	281432	3.84%	0.419%
91	20.369	2952	2955	2959	rBV2	257017	355316	4.85%	0.529%
92	20.810	3027	3030	3037	rVB2	387346	546820	7.47%	0.813%
93	21.010	3062	3064	3068	rBV2	230794	331739	4.53%	0.493%
94	21.051	3068	3071	3076	rVB2	526215	720547	9.84%	1.072%
95	21.322	3111	3117	3121	rBV2	3888368	6777615	92.57%	10.082%
96	21.357	3121	3123	3134	rVB	1787084	2439183	33.32%	3.628%
97	22.992	3395	3401	3407	rBV2	2231291	5311676	72.55%	7.902%
98	23.516	3485	3490	3495	rBV	965747	1726861	23.59%	2.569%
99	23.616	3503	3507	3515	rVB	1186968	2233977	30.51%	3.323%
100	23.727	3520	3526	3531	rVV2	2076796	4165049	56.89%	6.196%

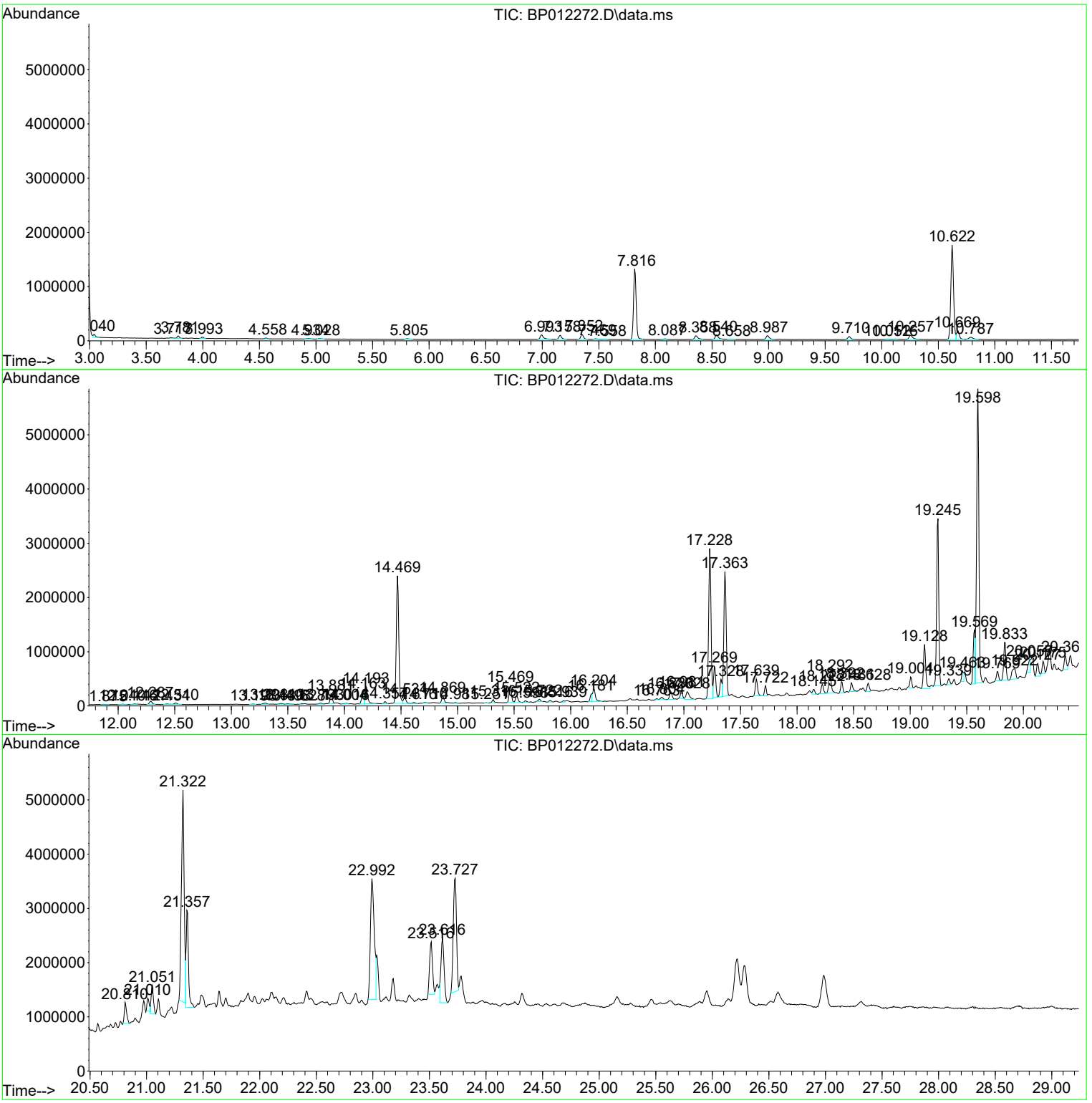
Sum of corrected areas: 67223068

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012272.D
Acq On : 22 Oct 2022 06:56
Operator : CG/JU
Sample : N4755-08DL 10X
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012272.D
Acq On : 22 Oct 2022 06:56
Operator : CG/JU
Sample : N4755-08DL 10X
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

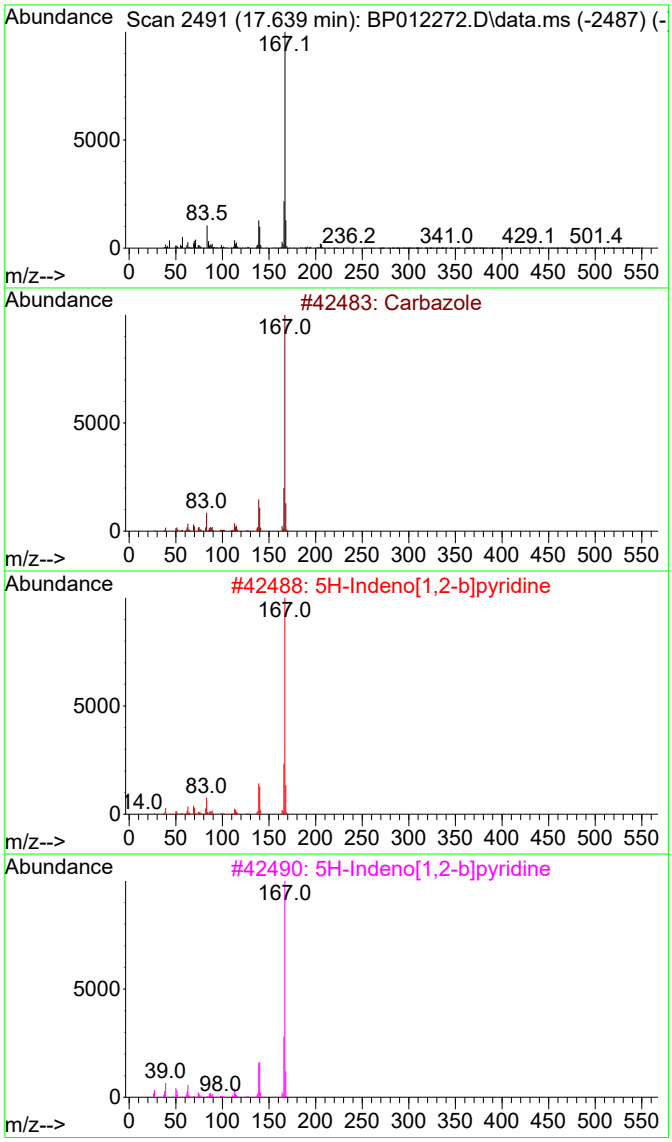
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

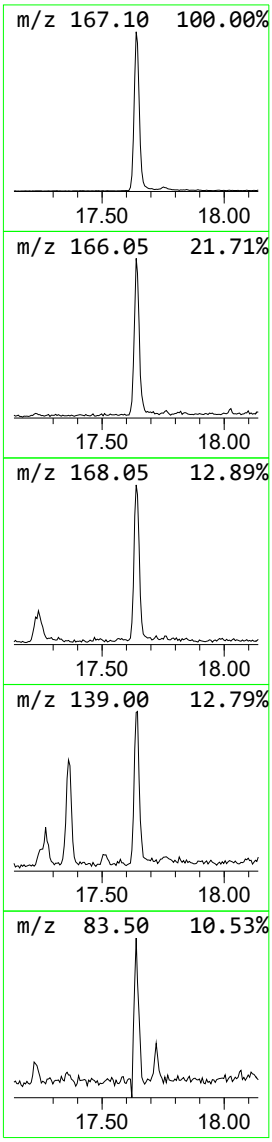
****

Peak Number 1 Carbazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.639	2.11 ng/ul	425091	Phenanthrene-d10	17.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	96
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012272.D
Acq On : 22 Oct 2022 06:56
Operator : CG/JU
Sample : N4755-08DL 10X
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4DL

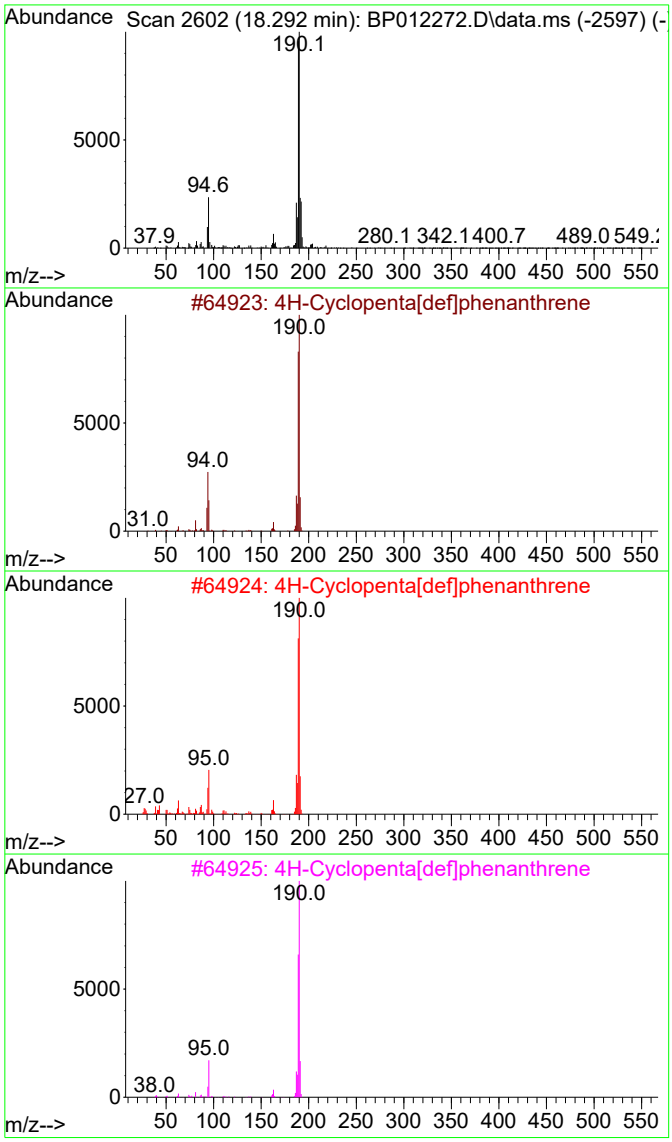
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

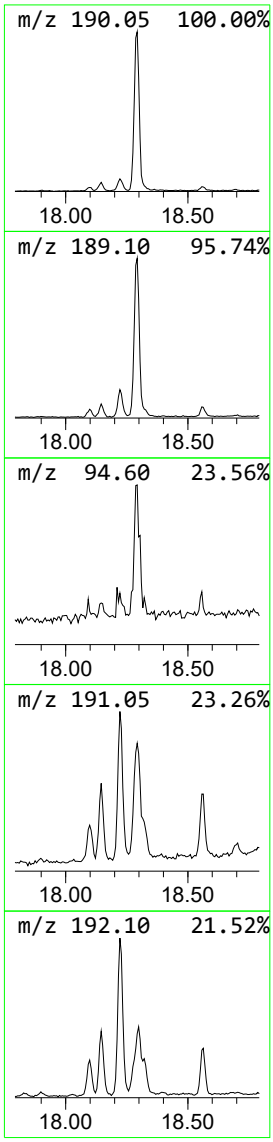
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	2.77 ng/ul	557911	Phenanthrene-d10	17.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012272.D
Acq On : 22 Oct 2022 06:56
Operator : CG/JU
Sample : N4755-08DL 10X
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

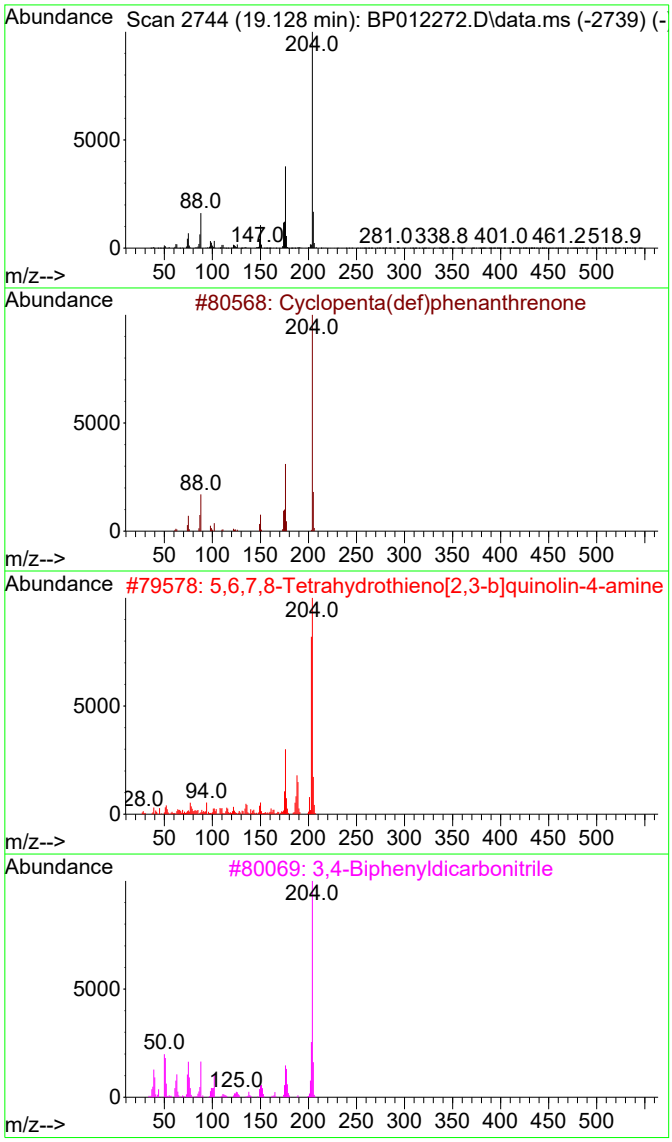
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

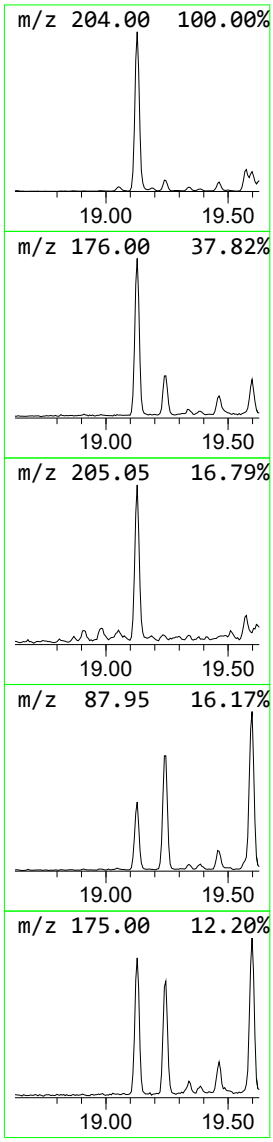
****

Peak Number 3 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	5.69 ng/ul	1145660	Phenanthrene-d10	17.228

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
4	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	59
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012272.D
Acq On : 22 Oct 2022 06:56
Operator : CG/JU
Sample : N4755-08DL 10X
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4DL

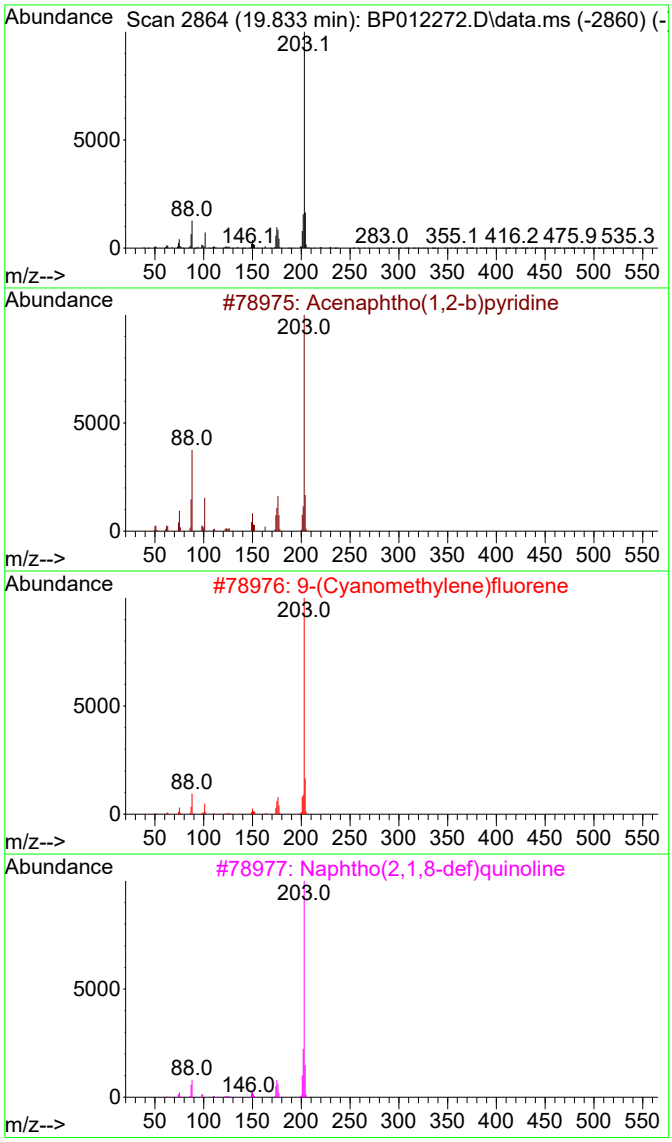
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

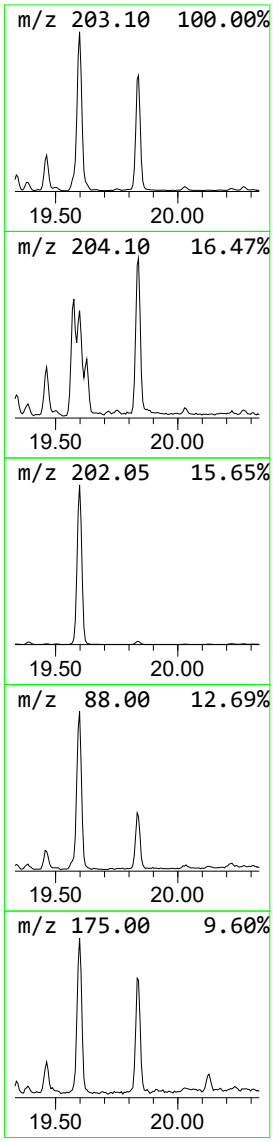
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Acenaphtho(1,2-b)pyridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.833	2.84 ng/ul	962072	Chrysene-d12	21.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	97
2	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96
3	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	96
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	96
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012272.D
Acq On : 22 Oct 2022 06:56
Operator : CG/JU
Sample : N4755-08DL 10X
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

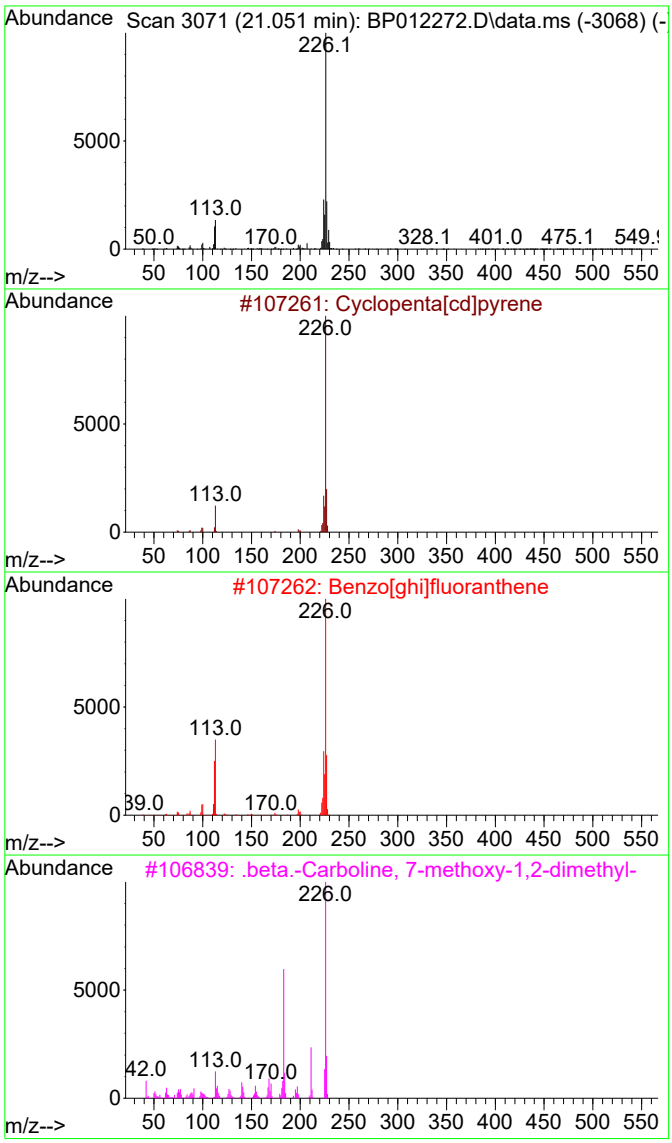
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

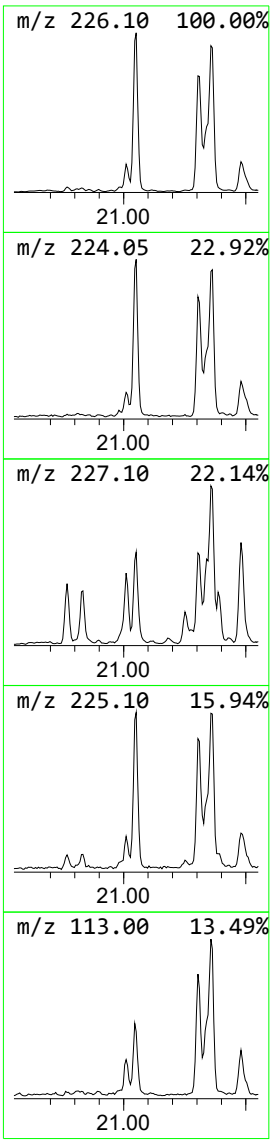
****

Peak Number 5 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.13 ng/ul	720547	Chrysene-d12	21.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	94
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	81
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	53
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012272.D
Acq On : 22 Oct 2022 06:56
Operator : CG/JU
Sample : N4755-08DL 10X
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

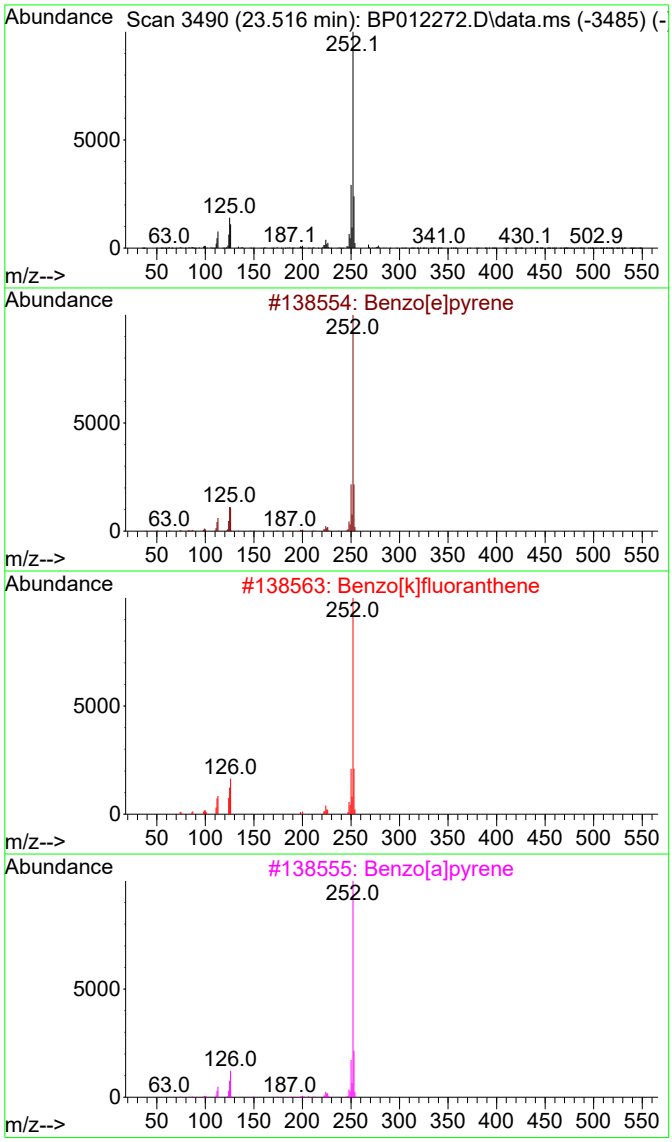
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

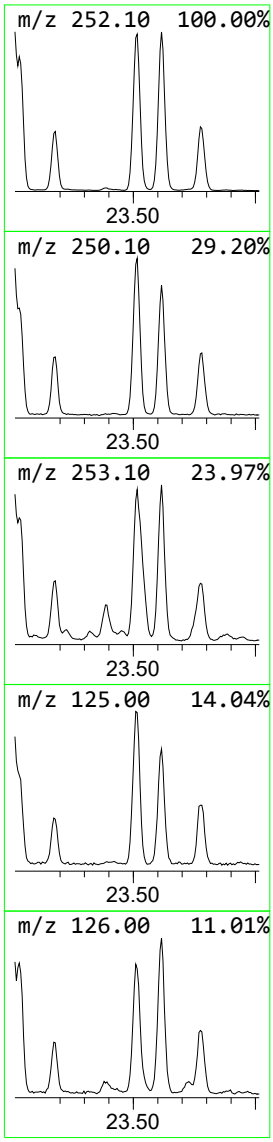
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.516	8.29 ng/ul	1726860	Perylene-d12	23.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012272.D
Acq On : 22 Oct 2022 06:56
Operator : CG/JU
Sample : N4755-08DL 10X
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBWK4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA 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
Carbazole	17.639	2.1	ng/ul	425091	4	17.228	4026470	20.0
4H-Cyclopenta[d...	18.292	2.8	ng/ul	557911	4	17.228	4026470	20.0
Cyclopenta(def)...	19.128	5.7	ng/ul	1145660	4	17.228	4026470	20.0
Acenaphtho(1,2-...	19.833	2.8	ng/ul	962072	5	21.322	6777620	20.0
Cyclopenta[cd]p...	21.051	2.1	ng/ul	720547	5	21.322	6777620	20.0
Benzo[e]pyrene	23.516	8.3	ng/ul	1726860	6	23.727	4165050	20.0