LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015672.D
Acq On : 23 Jun 2023 15:30
Operator : MA/JU
Sample : 03083-13DL2 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFL1DL2

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-BP060723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015672.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.175	164	168	173	rVB3	7594	10242	0.38%	0.048%
2	4.569	233	235	238	rBV4	2639	3409	0.12%	0.016%
3	6.222	513	516	518	rVB4	2687	2918	0.11%	0.014%
4	7.622	750	754	757	rBV6	3187	5802	0.21%	0.027%
5	8.081	826	832	854	rVV	330055	659774	24.17%	3.092%
6	8.804	950	955	957	rBV5	2190	2739	0.10%	0.013%
7	8.875	960	967	968	rBV5	1915	3208	0.12%	0.015%
8	9.628	1091	1095	1098	rVB6	1729	3314	0.12%	0.016%
9	10.663	1266	1271	1273	rBV6	1807	3153	0.12%	0.015%
10	10.910	1305	1313	1336	rBV	388970	874065	32.03%	4.096%
11	11.057	1336	1338	1341	rVB4	2964	3390	0.12%	0.016%
12	11.251	1370	1371	1380	rVB9	2137	3769	0.14%	0.018%
13	11.328	1380	1384	1389	rVB7	1817	3122	0.11%	0.015%
14	12.516	1583	1586	1591	rVB6	1907	2753	0.10%	0.013%
15	12.598	1596	1600	1606	rVV5	5262	11920	0.44%	0.056%
16	12.798	1630	1634	1636	rBV5	6020	9001	0.33%	0.042%
17	13.904	1816	1822	1823	rBV6	2704	3472	0.13%	0.016%
18	13.922	1823	1825	1832	rVB8	2746	4279	0.16%	0.020%
19	14.057	1844	1848	1854	rBV5	6930	13012	0.48%	0.061%
20	14.151	1860	1864	1873	rVB2	14007	28465	1.04%	0.133%
21	14.292	1885	1888	1891	rBV4	2788	4169	0.15%	0.020%
22	14.428	1905	1911	1916	rBV2	18021	36253	1.33%	0.170%
23	14.681	1950	1954	1955	rBV4	2595	2847	0.10%	0.013%
24	14.728	1955	1962	1970	rBV	633482	1054831	38.65%	4.943%
25	14.798	1970	1974	1983	rVB	60581	107120	3.92%	0.502%
26	14.916	1990	1994	1996	rBV5	2417	3191	0.12%	0.015%
27	15.039	2011	2015	2021	rBV9	3704	6413	0.23%	0.030%
28	15.151	2027	2034	2041	rBV	18484	40762	1.49%	0.191%
29	15.210	2041	2044	2051	rVB9	4481	9751	0.36%	0.046%
30	15.410	2076	2078	2081	rVB4	3188	3318	0.12%	0.016%
31	15.516	2092	2096	2100	rVB7	2938	4094	0.15%	0.019%
32	15.734	2127	2133	2138	rBV	22702	42898	1.57%	0.201%
33	15.792	2138	2143	2153	rVB2	40962	84571	3.10%	0.396%
34	15.886	2155	2159	2160	rBV4	3544	4160	0.15%	0.019%
35	15.910	2160	2163	2165	rVV4	7208	8930	0.33%	0.042%
36	15.951	2167	2170	2175	rVB5	8320	11457	0.42%	0.054%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015672.D
Acq On : 23 Jun 2023 15:30
Operator : MA/JU
Sample : 03083-13DL2 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

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-BP060723.MA.M
Title : SVOA CALIBRATION

37	16.039	2182	2185	2188	rBV5	4667	6005	0.22%	0.028%
38	16.081	2189	2192	2200	rVB6	10673	23074	0.85%	0.108%
39	16.239	2214	2219	2226	rBV5	12175	31090	1.14%	0.146%
40	16.322	2230	2233	2237	rVB6	5831	8799	0.32%	0.041%
41	16.428	2247	2251	2254	rBV6	5288	8160	0.30%	0.038%
42	16.663	2287	2291	2293	rBV5	2245	3166	0.12%	0.015%
43	16.792	2311	2313	2316	rVB4	11300	12394	0.45%	0.058%
44	16.839	2319	2321	2326	rBV6	6764	8907	0.33%	0.042%
45	17.016	2343	2351	2355	rBV10	9854	23142	0.85%	0.108%
46	17.057	2355	2358	2362	rBV6	8496	11688	0.43%	0.055%
47	17.157	2371	2375	2381	rVB	31420	47288	1.73%	0.222%
48	17.228	2382	2387	2392	rVV5	9162	21256	0.78%	0.100%
49	17.316	2396	2402	2409	rBV	39375	64282	2.36%	0.301%
50	17.492	2426	2432	2436	rBV	850925	1279096	46.87%	5.994%
51	17.533	2436	2439	2446	rVV	818385	1232793	45.17%	5.777%
52	17.598	2447	2450	2451	rVV2	41604	52320	1.92%	0.245%
53	17.633	2452	2456	2464	rVV	171152	278142	10.19%	1.303%
54	17.698	2465	2467	2474	rVB2	13952	23972	0.88%	0.112%
55	17.904	2495	2502	2515	rBV	106091	231639	8.49%	1.085%
56	18.004	2517	2519	2522	rBV4	10156	10432	0.38%	0.049%
57	18.357	2574	2579	2583	rBV	89208	142581	5.22%	0.668%
58	18.404	2583	2587	2592	rVB	110458	157942	5.79%	0.740%
59	18.480	2597	2600	2605	rVB	38410	47582	1.74%	0.223%
60	18.545	2605	2611	2615	rBV2	130205	242857	8.90%	1.138%
61	18.692	2633	2636	2641	rBV4	16189	22801	0.84%	0.107%
62	18.833	2656	2660	2665	rBV	62763	92863	3.40%	0.435%
63	18.886	2665	2669	2675	rVV	68605	105885	3.88%	0.496%
64	19.069	2697	2700	2704	rBV5	24951	38410	1.41%	0.180%
65	19.233	2725	2728	2733	rVB2	48962	63936	2.34%	0.300%
66	19.386	2751	2754	2761	rVB	54103	74784	2.74%	0.350%
67	19.492	2767	2772	2779	rBV	1682983	2243015	82.18%	10.511%
68	19.816	2823	2827	2829	rBV3	294061	411101	15.06%	1.926%
69	19.851	2829	2833	2840	rVV	1264006	1729784	63.38%	8.106%
70	19.916	2841	2844	2850	rVV	54026	83361	3.05%	0.391%
71	20.022	2860	2862	2866	rVB	69645	80405	2.95%	0.377%
72	20.327	2912	2914	2919	rVB	137067	156189	5.72%	0.732%
73	20.427	2928	2931	2934	rBV	92381	98109	3.59%	0.460%
74	21.063	3036	3039	3043	rBV	178581	235592	8.63%	1.104%
75	21.221	3063	3066	3070	rBV2	195750	274427	10.06%	1.286%
76	21.363	3087	3090	3095	rVB	182389	229646	8.41%	1.076%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015672.D
Acq On : 23 Jun 2023 15:30
Operator : MA/JU
Sample : O3083-13DL2 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

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-BP060723.MA.M
Title : SVOA CALIBRATION

77	21.580	3121	3127	3131	rBV3	1384591	2729258	100.00%	12.790%
78	21.621	3131	3134	3145	rVB	725649	1003676	36.77%	4.703%
79	23.357	3424	3429	3435	rBV	620711	1528525	56.01%	7.163%
80	23.915	3520	3524	3530	rVB	316006	579887	21.25%	2.717%
81	24.033	3539	3544	3552	rVB	497433	1016544	37.25%	4.764%
82	24.145	3557	3563	3569	rBV	710878	1496151	54.82%	7.011%

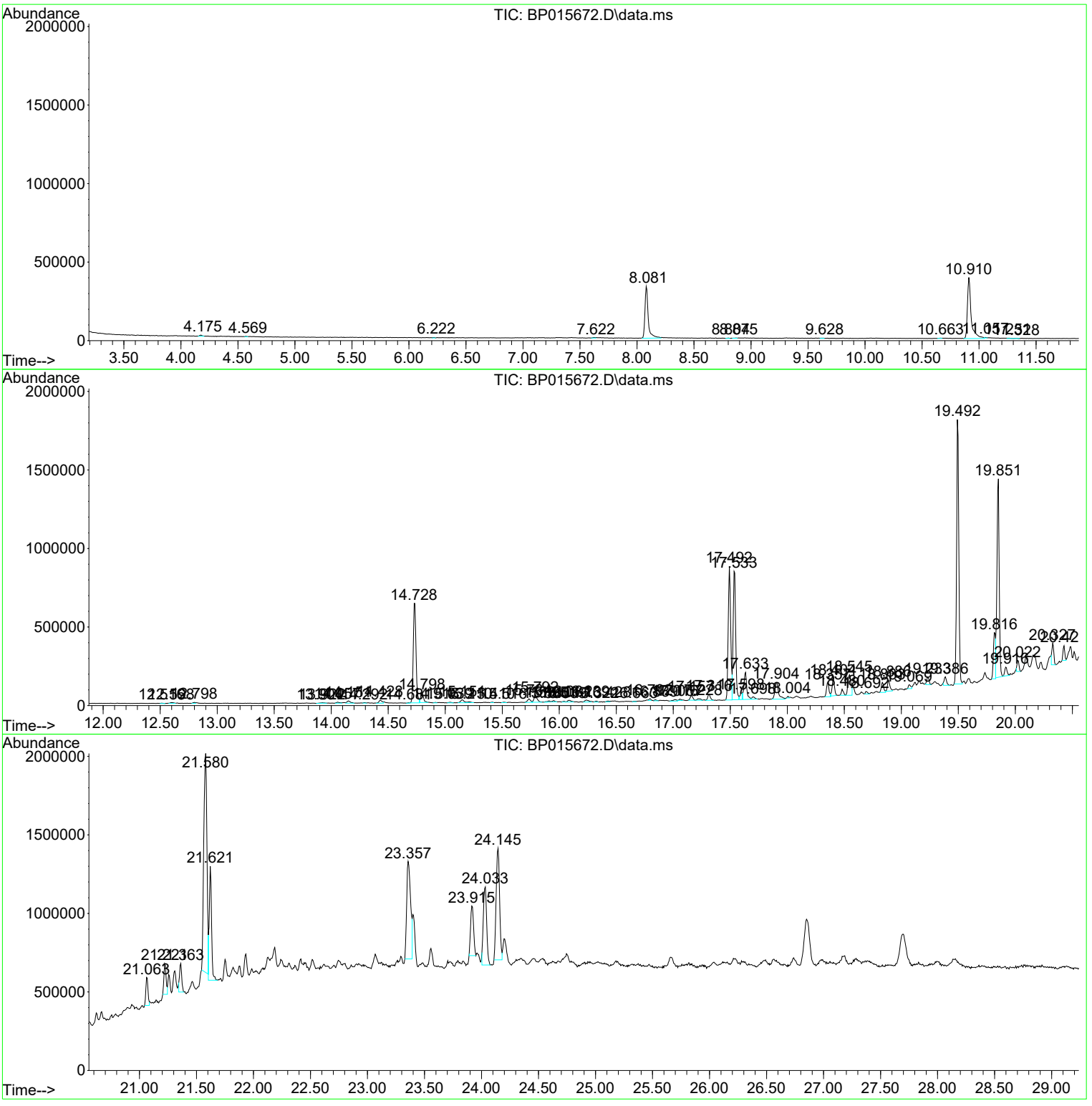
Sum of corrected areas: 21339528

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015672.D
Acq On : 23 Jun 2023 15:30
Operator : MA/JU
Sample : 03083-13DL2 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015672.D
Acq On : 23 Jun 2023 15:30
Operator : MA/JU
Sample : 03083-13DL2 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

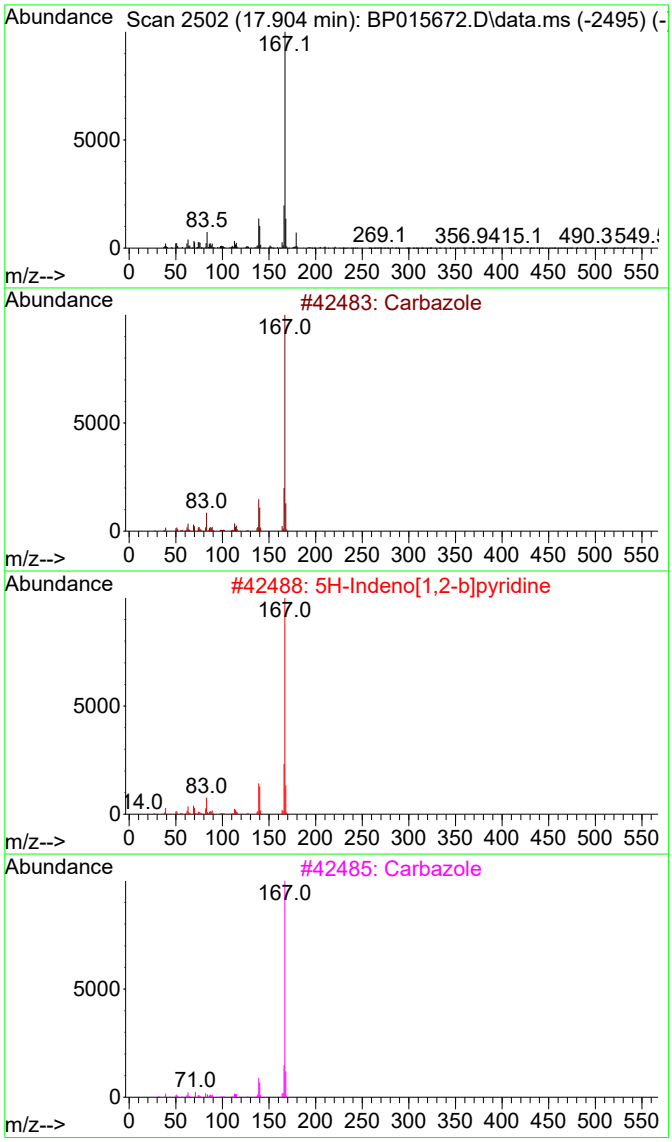
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

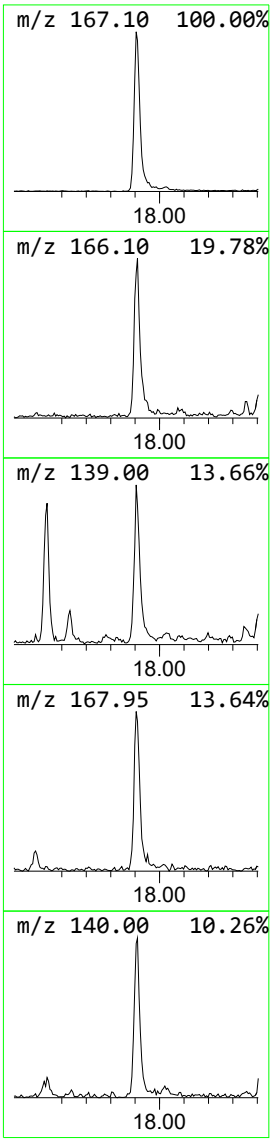
****

Peak Number 1 Carba zole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	3.62 ng/ul	231639	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	95
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3	Carbazole	167	C12H9N	000086-74-8	90
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	87
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015672.D
Acq On : 23 Jun 2023 15:30
Operator : MA/JU
Sample : 03083-13DL2 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

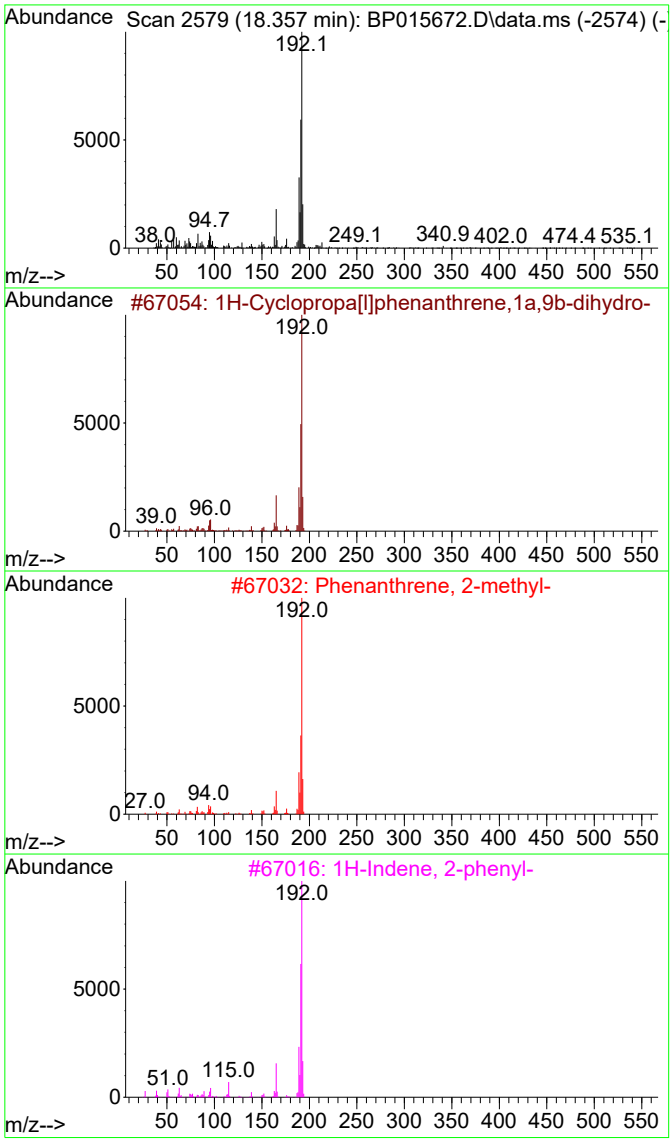
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

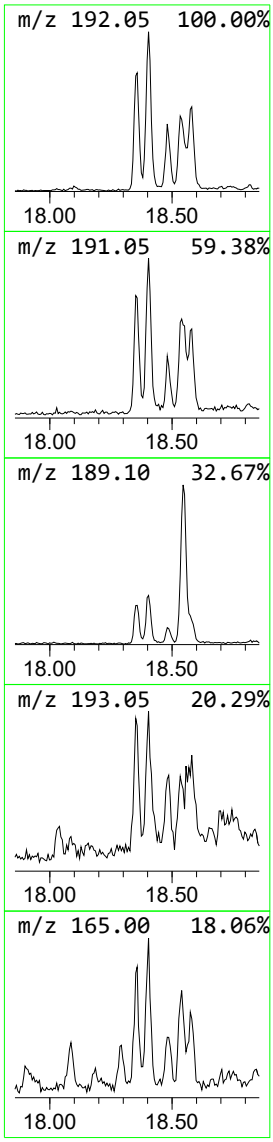
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	2.23 ng/ul	142581	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015672.D
Acq On : 23 Jun 2023 15:30
Operator : MA/JU
Sample : 03083-13DL2 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

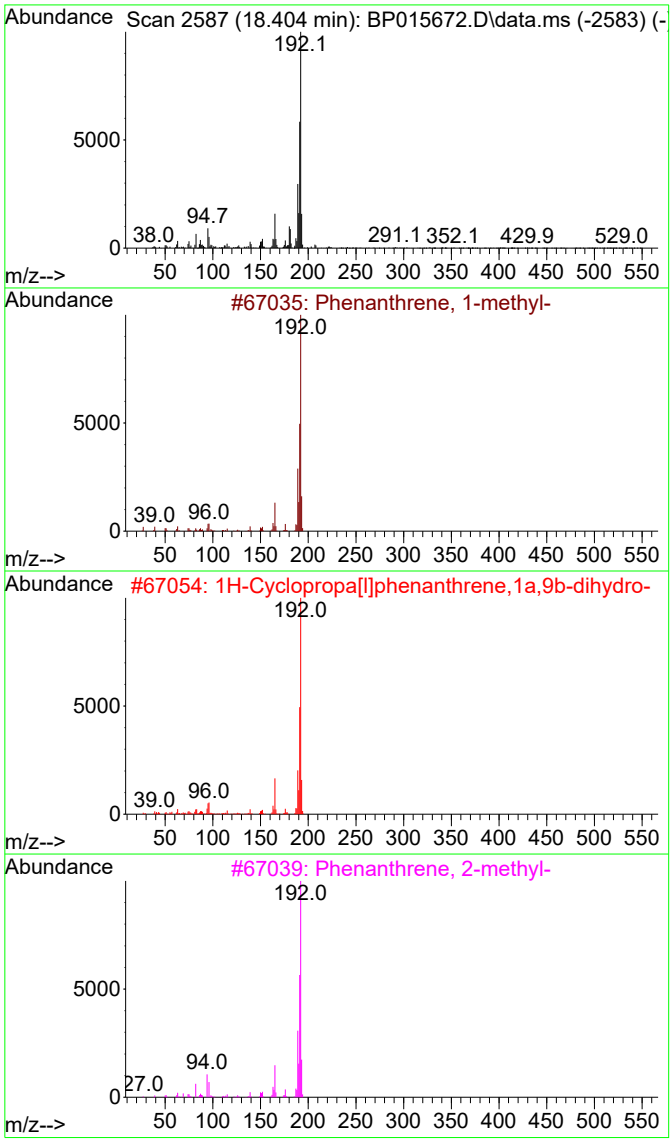
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

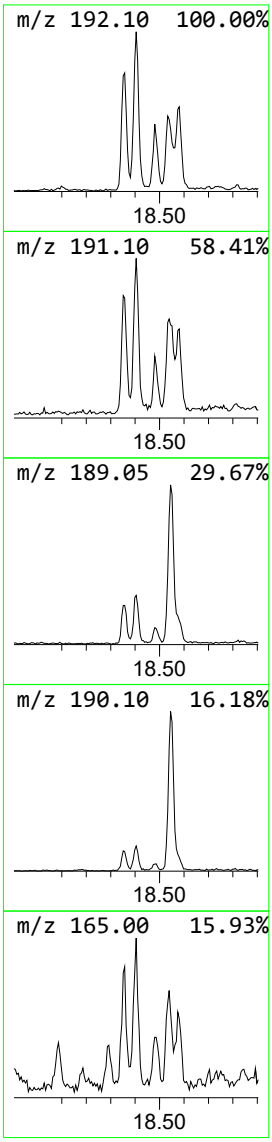
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	2.47 ng/ul	157942	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015672.D
Acq On : 23 Jun 2023 15:30
Operator : MA/JU
Sample : 03083-13DL2 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

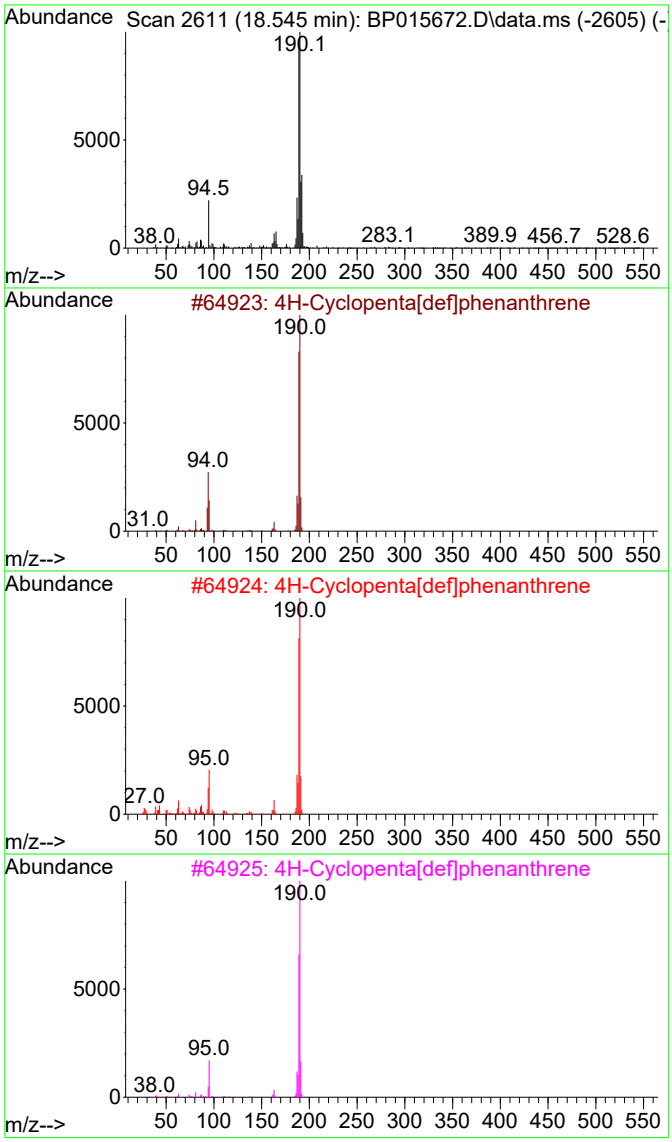
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

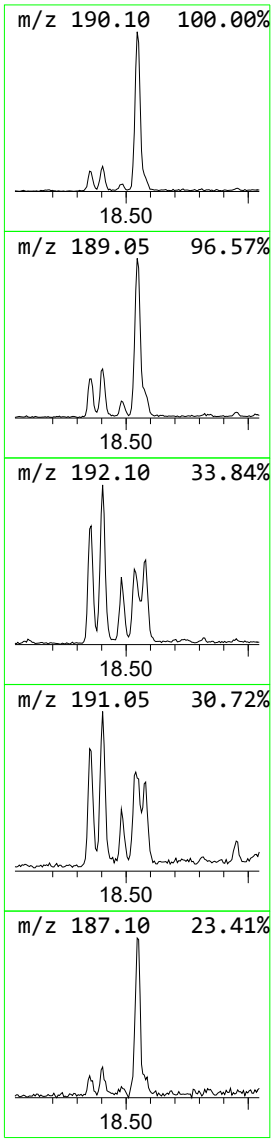
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	3.80 ng/ul	242857	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015672.D
Acq On : 23 Jun 2023 15:30
Operator : MA/JU
Sample : 03083-13DL2 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

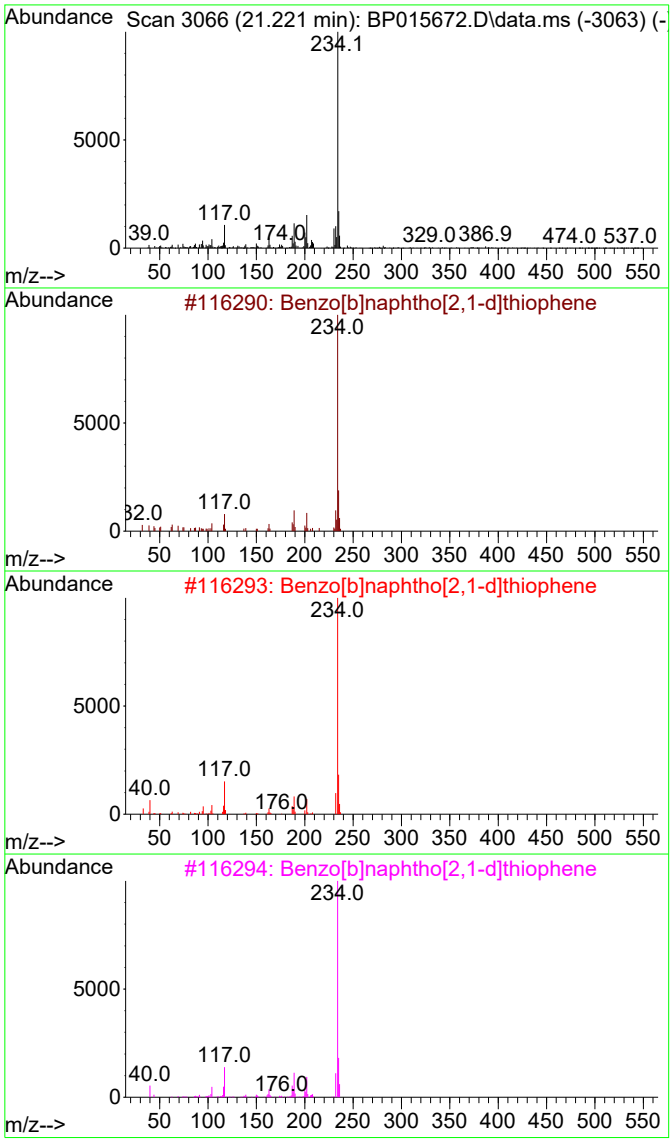
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

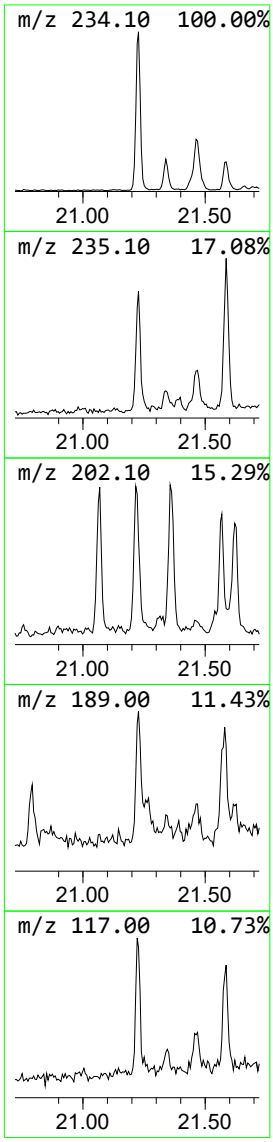
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	2.01 ng/ul	274427	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015672.D
Acq On : 23 Jun 2023 15:30
Operator : MA/JU
Sample : 03083-13DL2 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

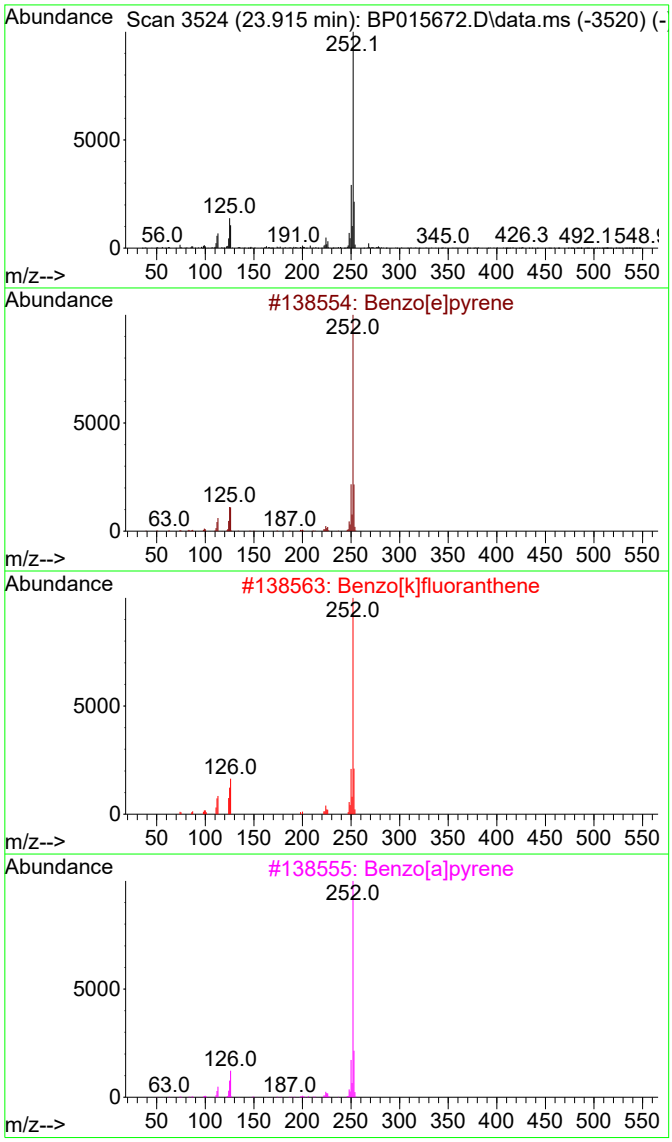
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

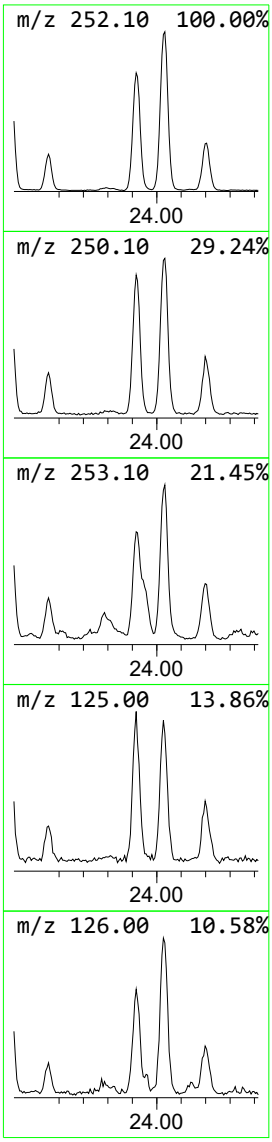
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.916	7.75 ng/ul	579887	Perylene-d12	24.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[e]pyrene	252	C20H12	000192-97-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015672.D
Acq On : 23 Jun 2023 15:30
Operator : MA/JU
Sample : 03083-13DL2 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.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
Carba zole	17.904	3.6	ng/ul	231639	4	17.492	1279100	20.0
1H-Cyclopropa[l...	18.357	2.2	ng/ul	142581	4	17.492	1279100	20.0
Phenanthrene, 1...	18.404	2.5	ng/ul	157942	4	17.492	1279100	20.0
4H-Cyclopenta[d...	18.545	3.8	ng/ul	242857	4	17.492	1279100	20.0
Benzo[b]naphtho...	21.221	2.0	ng/ul	274427	5	21.586	2729260	20.0
Benzo[e]pyrene	23.916	7.8	ng/ul	579887	6	24.145	1496150	20.0