LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016014.D
Acq On : 05 Jul 2023 15:16
Operator : MA/JU
Sample : 03244-08DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7DL

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016014.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.852	111	113	120	rBV	36433	67634	1.60%	0.169%
2	4.028	141	143	148	rVB	16014	18926	0.45%	0.047%
3	4.134	158	161	167	rVB2	15895	22460	0.53%	0.056%
4	4.781	270	271	275	rBV4	4390	4317	0.10%	0.011%
5	4.952	296	300	304	rBV7	5284	8884	0.21%	0.022%
6	6.134	498	501	503	rVB4	3984	4379	0.10%	0.011%
7	7.328	696	704	711	rBV3	29904	112318	2.66%	0.281%
8	7.404	712	717	727	rVB2	29503	103768	2.46%	0.260%
9	7.640	751	757	774	rBV2	55671	193221	4.58%	0.484%
10	8.051	820	827	853	rBV	446292	1457726	34.53%	3.651%
11	8.651	925	929	932	rVB6	3152	4280	0.10%	0.011%
12	8.898	963	971	973	rBV5	34227	75016	1.78%	0.188%
13	9.316	1033	1042	1060	rBV	41044	183362	4.34%	0.459%
14	10.075	1158	1171	1174	rBV9	25082	87654	2.08%	0.220%
15	10.657	1263	1270	1283	rBV5	35949	157759	3.74%	0.395%
16	10.887	1301	1309	1337	rBV	685741	2356953	55.83%	5.903%
17	11.145	1346	1353	1374	rVB4	28765	133179	3.15%	0.334%
18	12.463	1572	1577	1580	rBV6	2829	4394	0.10%	0.011%
19	12.586	1591	1598	1611	rBV3	31209	89764	2.13%	0.225%
20	12.786	1626	1632	1644	rBV2	26137	71052	1.68%	0.178%
21	13.592	1760	1769	1776	rBV5	30903	79326	1.88%	0.199%
22	13.757	1793	1797	1798	rBV4	4656	5344	0.13%	0.013%
23	13.769	1798	1799	1804	rVB5	4392	5001	0.12%	0.013%
24	13.910	1815	1823	1825	rBV9	14441	29218	0.69%	0.073%
25	14.039	1836	1845	1850	rBV3	26213	60786	1.44%	0.152%
26	14.133	1850	1861	1876	rVV	185512	456682	10.82%	1.144%
27	14.257	1880	1882	1884	rVV3	8150	9313	0.22%	0.023%
28	14.292	1884	1888	1895	rVB9	11252	24185	0.57%	0.061%
29	14.404	1901	1907	1921	rBV	232615	518829	12.29%	1.299%
30	14.698	1950	1957	1965	rBV	1341183	2614238	61.93%	6.547%
31	14.769	1965	1969	1979	rVB	172274	363569	8.61%	0.910%
32	14.933	1992	1997	2001	rBV8	8167	18242	0.43%	0.046%
33	15.010	2008	2010	2016	rVB7	7218	11979	0.28%	0.030%
34	15.128	2020	2030	2037	rBV	86966	189346	4.49%	0.474%
35	15.327	2058	2064	2070	rBV8	9613	18382	0.44%	0.046%
36	15.392	2070	2075	2081	rVB9	9244	18479	0.44%	0.046%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
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Operator : MA/JU
Sample : 03244-08DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7DL

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-BP062623.MA.M
Title : SVOA CALIBRATION

37	15.492	2090	2092	2096	rVB5	4700	4773	0.11%	0.012%
38	15.598	2107	2110	2114	rBV6	4631	5898	0.14%	0.015%
39	15.710	2119	2129	2135	rBV	312643	603936	14.31%	1.512%
40	15.769	2135	2139	2149	rVV	160598	313618	7.43%	0.785%
41	15.886	2152	2159	2161	rVV2	16337	29582	0.70%	0.074%
42	15.927	2161	2166	2170	rVB	14264	26896	0.64%	0.067%
43	16.016	2177	2181	2184	rBV6	14947	21715	0.51%	0.054%
44	16.080	2185	2192	2200	rVB3	51610	128196	3.04%	0.321%
45	16.210	2209	2214	2227	rBV	38816	102049	2.42%	0.256%
46	16.304	2227	2230	2234	rVB5	12408	16593	0.39%	0.042%
47	16.392	2240	2245	2249	rBV8	10300	16938	0.40%	0.042%
48	16.486	2256	2261	2262	rBV5	8064	11015	0.26%	0.028%
49	16.557	2270	2273	2274	rBV3	4186	5312	0.13%	0.013%
50	16.722	2298	2301	2302	rVV3	9108	9963	0.24%	0.025%
51	16.763	2304	2308	2314	rVV3	35756	66092	1.57%	0.166%
52	16.816	2314	2317	2321	rVB4	12970	18343	0.43%	0.046%
53	16.986	2340	2346	2349	rBV5	19322	29903	0.71%	0.075%
54	17.027	2350	2353	2356	rVB3	19865	22716	0.54%	0.057%
55	17.157	2370	2375	2379	rBV	58224	110195	2.61%	0.276%
56	17.280	2392	2396	2403	rVB	89518	137846	3.27%	0.345%
57	17.463	2420	2427	2430	rBV	1514787	2416955	57.25%	6.053%
58	17.504	2430	2434	2441	rVV	1685367	2872840	68.05%	7.194%
59	17.574	2441	2446	2448	rVV	316912	550153	13.03%	1.378%
60	17.610	2448	2452	2462	rVB	341462	671617	15.91%	1.682%
61	17.892	2494	2500	2510	rBV	231912	470372	11.14%	1.178%
62	18.180	2544	2549	2558	rBV7	21713	60068	1.42%	0.150%
63	18.327	2567	2574	2578	rBV	176099	329087	7.80%	0.824%
64	18.380	2578	2583	2592	rVV	208972	360794	8.55%	0.904%
65	18.457	2592	2596	2601	rVV	66615	104558	2.48%	0.262%
66	18.516	2601	2606	2610	rVV	249819	428769	10.16%	1.074%
67	18.551	2610	2612	2621	rVB2	103560	149608	3.54%	0.375%
68	18.804	2651	2655	2661	rBV	106346	173680	4.11%	0.435%
69	18.886	2665	2669	2679	rVV4	56523	135581	3.21%	0.340%
70	19.039	2692	2695	2698	rBV	28082	33496	0.79%	0.084%
71	19.086	2700	2703	2706	rVB2	32038	39844	0.94%	0.100%
72	19.198	2719	2722	2726	rVB	74728	90401	2.14%	0.226%
73	19.463	2761	2767	2776	rBV	2369216	3398226	80.50%	8.510%
74	19.668	2799	2802	2804	rBV2	52133	60687	1.44%	0.152%
75	19.704	2805	2808	2811	rVB2	74812	90756	2.15%	0.227%
76	19.792	2817	2823	2824	rBV2	763129	1054181	24.97%	2.640%

LSC Area Percent Report

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Operator : MA/JU
Sample : 03244-08DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7DL

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-BP062623.MA.M
Title : SVOA CALIBRATION

77	19.815	2824	2827	2836	rVB	1658702	2444131	57.90%	6.121%
78	19.998	2855	2858	2863	rBV	99643	146233	3.46%	0.366%
79	20.139	2878	2882	2888	rVB2	126580	256015	6.06%	0.641%
80	20.304	2907	2910	2917	rVB3	221856	289765	6.86%	0.726%
81	20.398	2923	2926	2929	rBV	84494	97919	2.32%	0.245%
82	21.045	3033	3036	3044	rVB	208330	272601	6.46%	0.683%
83	21.198	3058	3062	3064	rBV2	319794	440648	10.44%	1.104%
84	21.345	3084	3087	3092	rVB	196490	248705	5.89%	0.623%
85	21.545	3114	3121	3126	rBV3	1933190	4221502	100.00%	10.572%
86	21.592	3126	3129	3134	rVB	862076	1224982	29.02%	3.068%
87	23.309	3417	3421	3427	rBV	634472	1542267	36.53%	3.862%
88	23.868	3512	3516	3521	rVB2	485646	838920	19.87%	2.101%
89	23.980	3532	3535	3547	rVB	573952	1216853	28.83%	3.047%
90	24.092	3549	3554	3562	rVV	919085	1937599	45.90%	4.852%

Sum of corrected areas: 39931357

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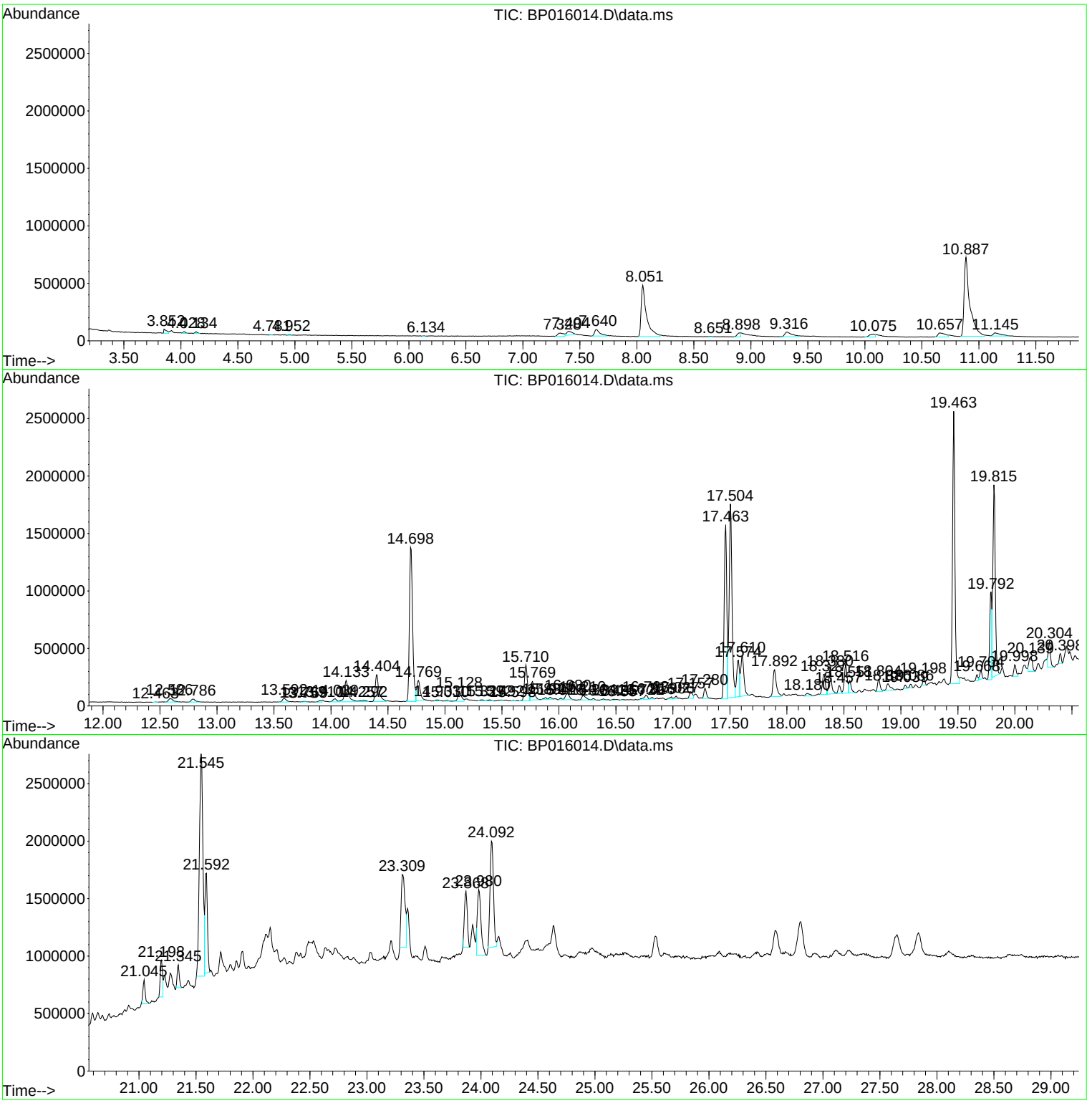
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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\BP070423\
Data File : BP016014.D
Acq On : 05 Jul 2023 15:16
Operator : MA/JU
Sample : 03244-08DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

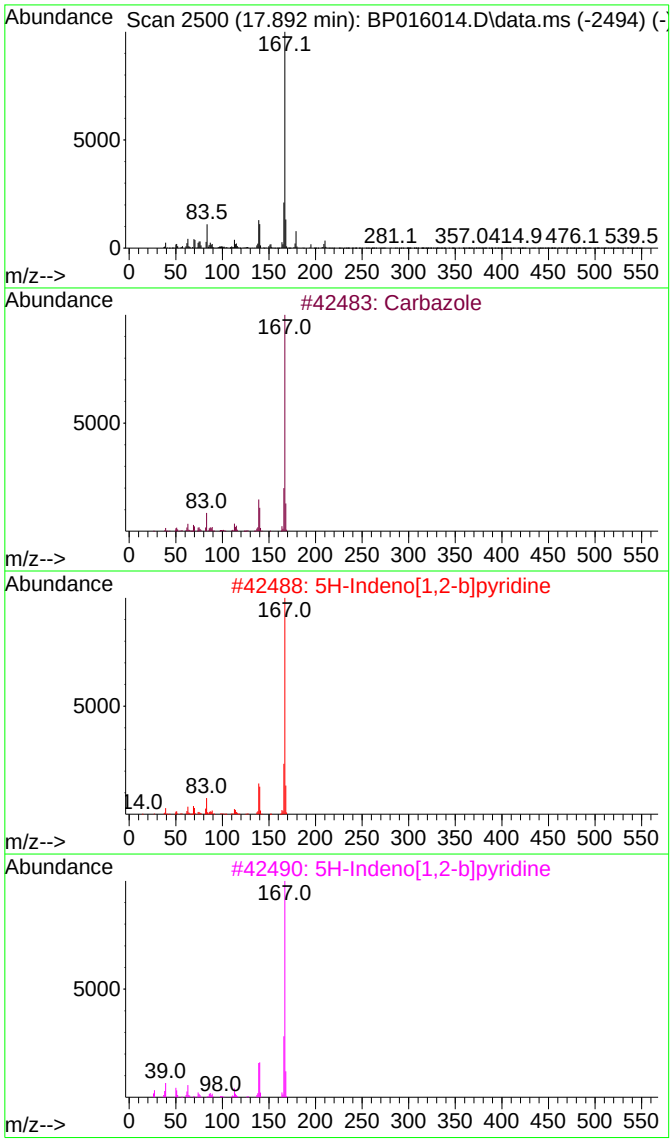
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

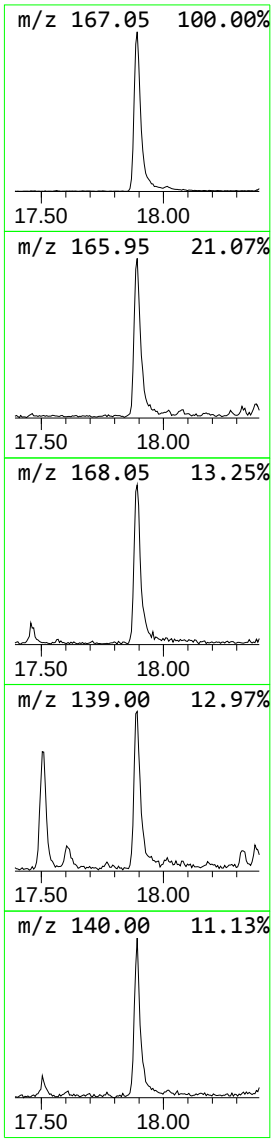
****

Peak Number 1 Carba zole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	3.89 ng/ul	470372	Phenanthrene-d10	17.463

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	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	83
5	Carbazole	167	C12H9N	000086-74-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016014.D
Acq On : 05 Jul 2023 15:16
Operator : MA/JU
Sample : 03244-08DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7DL

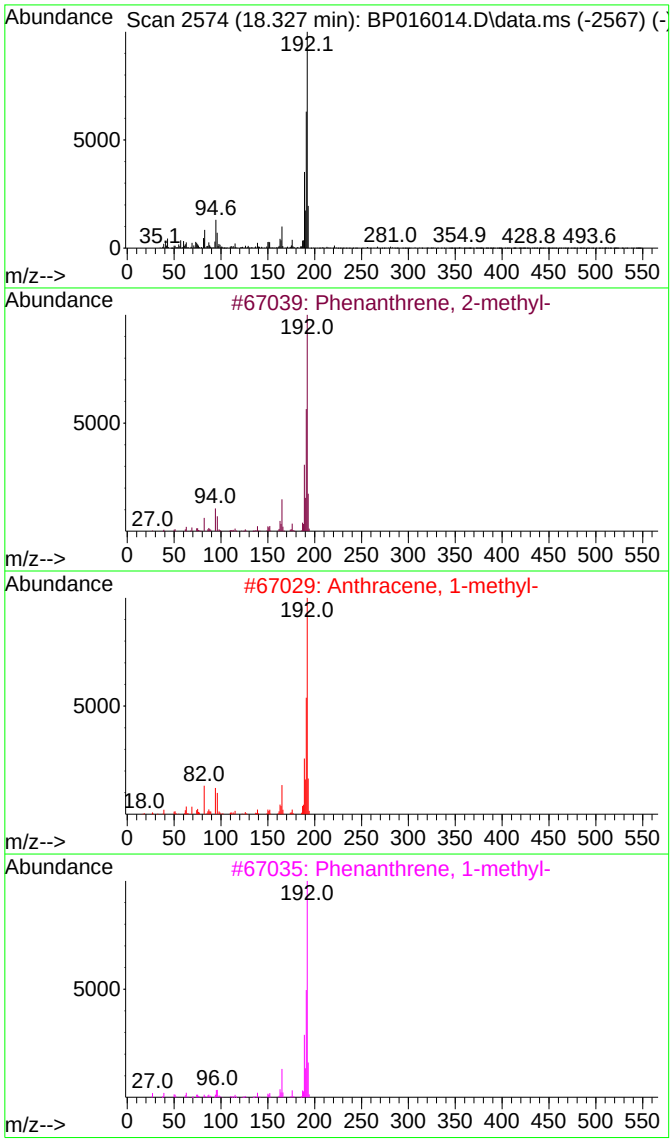
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

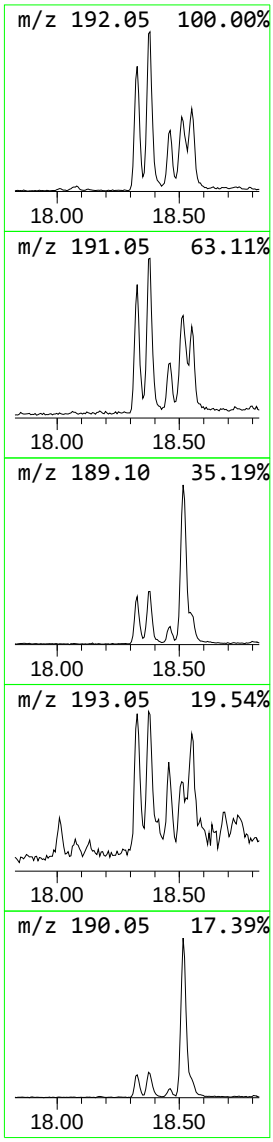
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	2.72 ng/ul	329087	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016014.D
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Operator : MA/JU
Sample : 03244-08DL 5X
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

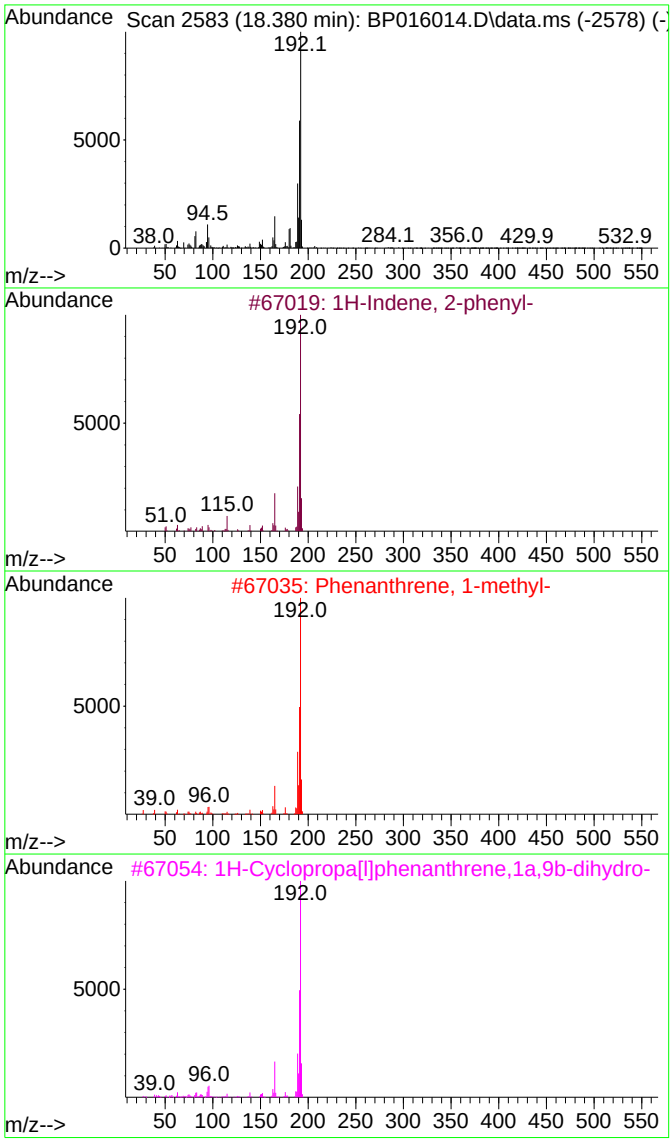
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

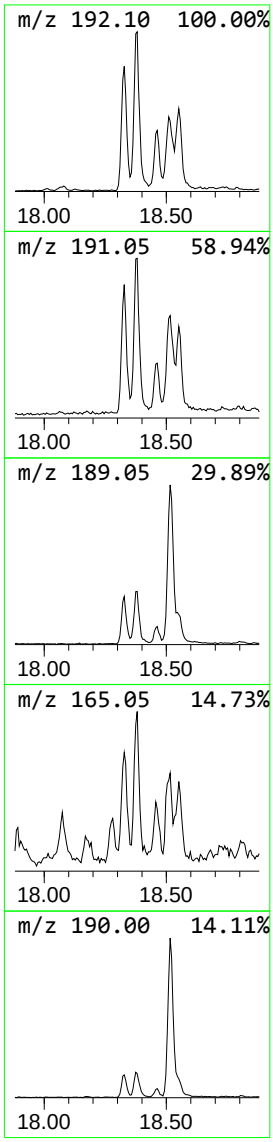
****

Peak Number 3 1H-Indene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	2.99 ng/ul	360794	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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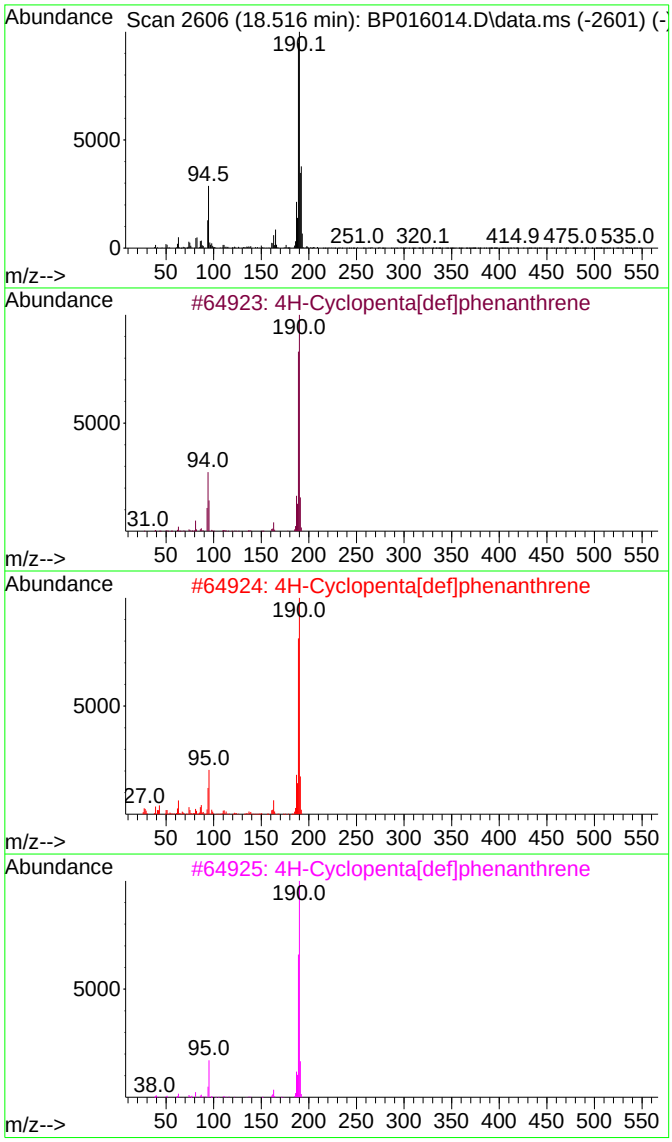
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

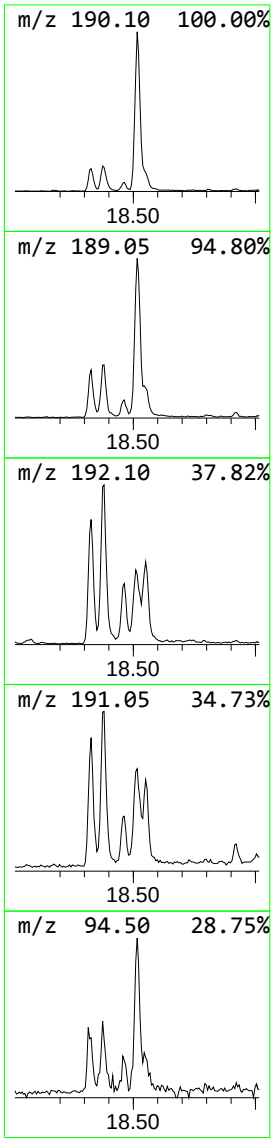
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	3.55 ng/ul	428769	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016014.D
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Operator : MA/JU
Sample : 03244-08DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7DL

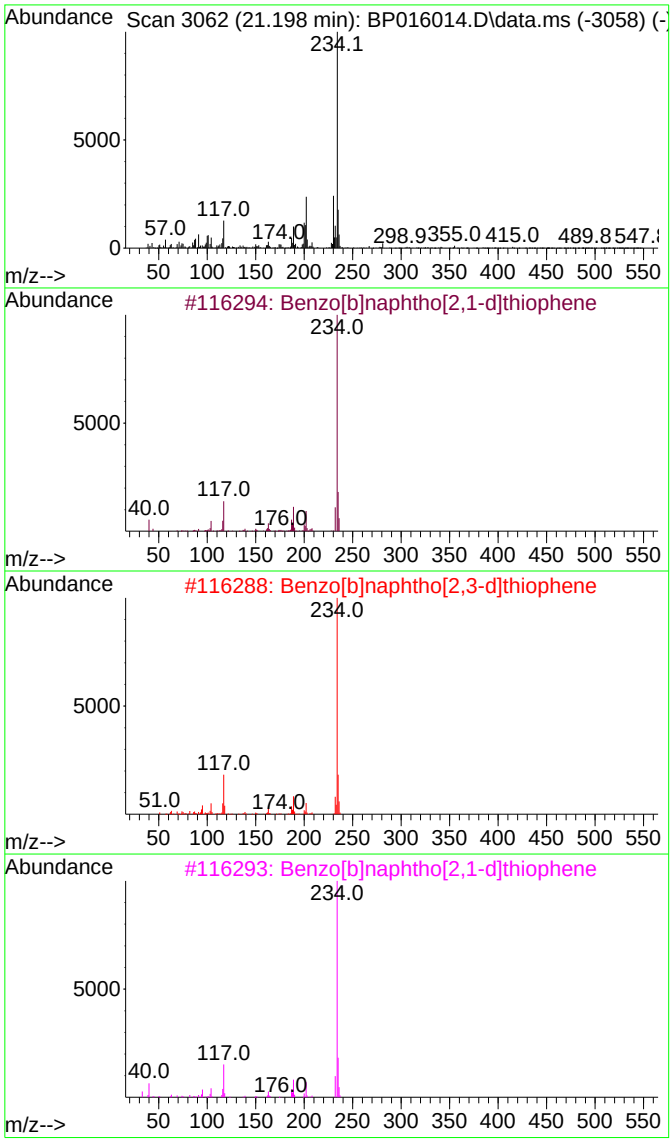
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

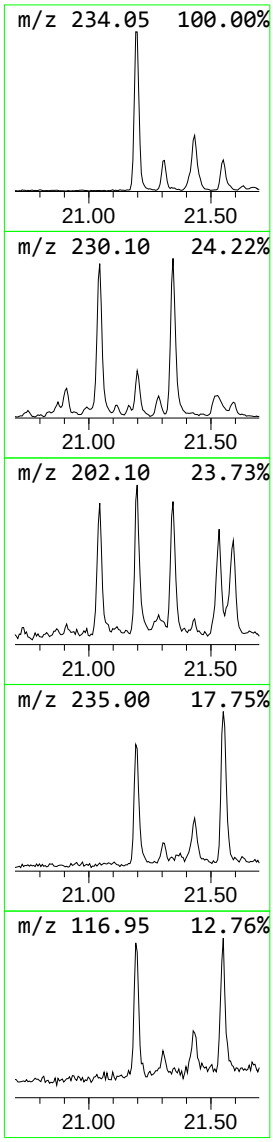
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	2.09 ng/ul	440648	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	58





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Data File : BP016014.D
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Sample : 03244-08DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

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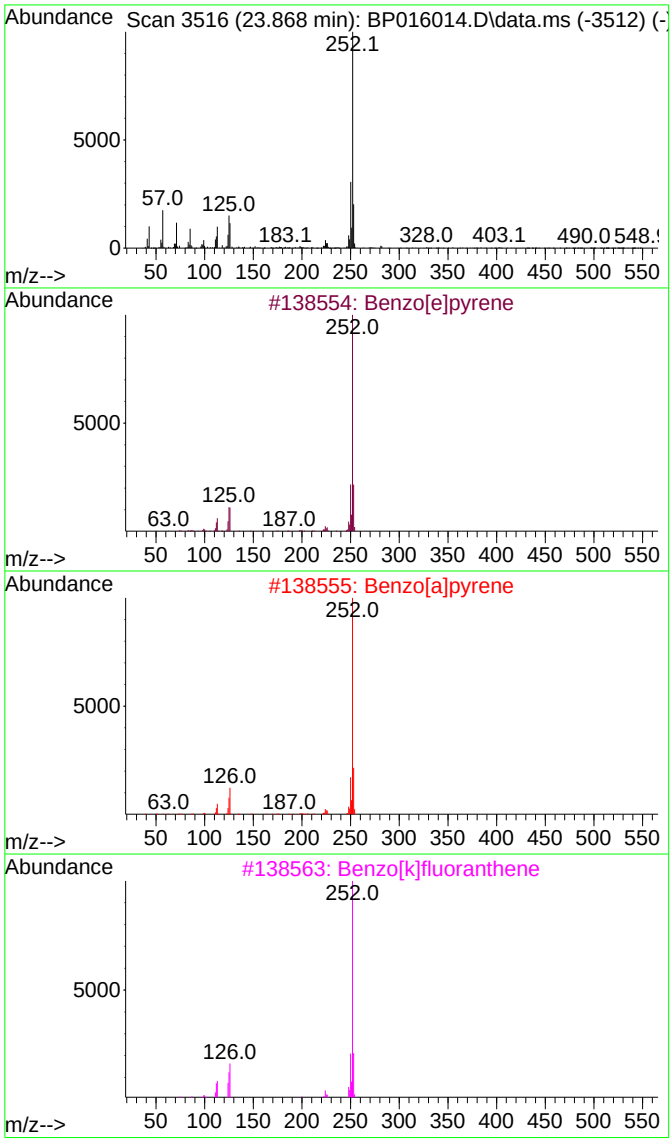
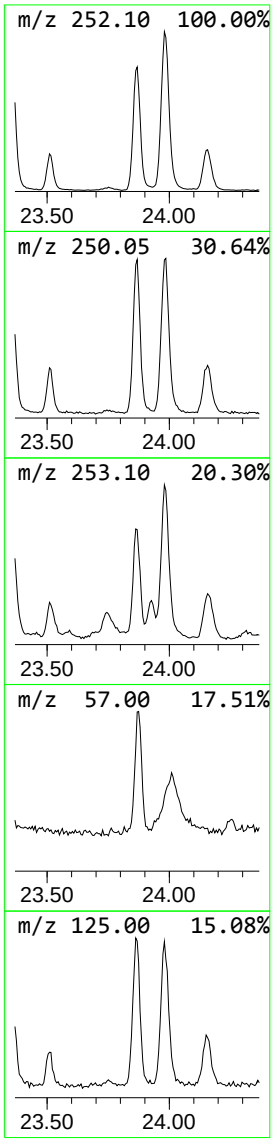
Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.868	8.66 ng/ul	838920	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[e]pyrene	252	C20H12	000192-97-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016014.D
Acq On : 05 Jul 2023 15:16
Operator : MA/JU
Sample : 03244-08DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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	17.892	3.9	ng/ul	470372	4	17.463	2416960	20.0
Phenanthrene, 2...	18.327	2.7	ng/ul	329087	4	17.463	2416960	20.0
1H-Indene, 2-ph...	18.380	3.0	ng/ul	360794	4	17.463	2416960	20.0
4H-Cyclopenta[d...	18.516	3.5	ng/ul	428769	4	17.463	2416960	20.0
Benzo[b]naphtho...	21.198	2.1	ng/ul	440648	5	21.551	4221500	20.0
Benzo[e]pyrene	23.868	8.7	ng/ul	838920	6	24.092	1937600	20.0