

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
 Data File : BP021127.D
 Acq On : 24 Jul 2024 14:17
 Operator : MA/JU
 Sample : P3238-17DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4C04DL

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-BP071024.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP021127.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.699	118	121	125	rVB	8787	10525	0.31%	0.031%
2	3.905	152	156	161	rVB2	13907	19689	0.58%	0.058%
3	4.458	246	250	254	rBV7	3159	6072	0.18%	0.018%
4	4.805	304	309	315	rBV	12737	19835	0.59%	0.058%
5	5.064	349	353	354	rBV4	2815	3564	0.11%	0.010%
6	6.758	636	641	646	rBV7	4901	7980	0.24%	0.023%
7	6.881	656	662	671	rBV	93415	181320	5.36%	0.533%
8	7.005	677	683	692	rBV	85636	145038	4.29%	0.426%
9	7.210	712	718	729	rBV	118684	209509	6.20%	0.615%
10	7.652	786	793	806	rBV	694128	1135495	33.58%	3.335%
11	8.193	882	885	890	rVB7	2537	4262	0.13%	0.013%
12	8.387	912	918	931	rBV	112992	243542	7.20%	0.715%
13	8.487	931	935	943	rVB7	8087	16656	0.49%	0.049%
14	8.816	981	991	1006	rBV	93612	202221	5.98%	0.594%
15	9.152	1045	1048	1053	rBV6	4359	6937	0.21%	0.020%
16	9.375	1081	1086	1098	rVB8	9569	23847	0.71%	0.070%
17	9.528	1102	1112	1125	rVV	74575	163716	4.84%	0.481%
18	9.634	1128	1130	1135	rVB6	1932	3583	0.11%	0.011%
19	9.810	1152	1160	1162	rBV9	5907	10592	0.31%	0.031%
20	10.087	1201	1207	1227	rBV	108737	271690	8.03%	0.798%
21	10.428	1257	1265	1272	rBV	865076	1595588	47.19%	4.686%
22	10.593	1286	1293	1303	rBV3	39275	96710	2.86%	0.284%
23	11.187	1386	1394	1401	rBV2	20696	48857	1.44%	0.143%
24	11.257	1403	1406	1410	rVB5	5314	7832	0.23%	0.023%
25	12.028	1533	1537	1539	rBV5	4470	5846	0.17%	0.017%
26	12.087	1543	1547	1556	rVB	20832	36237	1.07%	0.106%
27	12.228	1565	1571	1574	rBV8	2849	4590	0.14%	0.013%
28	12.316	1580	1586	1592	rBV2	14278	30597	0.90%	0.090%
29	12.998	1699	1702	1703	rBV3	3897	4640	0.14%	0.014%
30	13.022	1703	1706	1711	rVB7	5744	8857	0.26%	0.026%
31	13.087	1713	1717	1718	rBV4	4932	6636	0.20%	0.019%
32	13.116	1718	1722	1728	rVB	9300	14482	0.43%	0.043%
33	13.240	1740	1743	1748	rVB7	2636	3979	0.12%	0.012%
34	13.310	1751	1755	1760	rVB6	3565	5016	0.15%	0.015%
35	13.463	1774	1781	1787	rBV6	10169	27289	0.81%	0.080%
36	13.587	1797	1802	1809	rBV5	18796	41065	1.21%	0.121%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
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37	13.657	1809	1814	1815	rBV3	8071	10583	0.31%	0.031%
38	13.692	1815	1820	1827	rVB	240053	348864	10.32%	1.025%
39	13.845	1842	1846	1849	rBV6	6900	10151	0.30%	0.030%
40	13.875	1849	1851	1855	rVB5	4600	5685	0.17%	0.017%

41	13.981	1863	1869	1881	rVV2	292829	479783	14.19%	1.409%
42	14.110	1886	1891	1894	rBV7	9963	14401	0.43%	0.042%
43	14.187	1899	1904	1910	rBV3	16193	39426	1.17%	0.116%
44	14.292	1915	1922	1928	rVV	1525558	2109983	62.40%	6.197%
45	14.351	1928	1932	1937	rVB2	115255	161820	4.79%	0.475%

46	14.498	1952	1957	1958	rBV	119839	155205	4.59%	0.456%
47	14.516	1958	1960	1969	rVB2	138944	169520	5.01%	0.498%
48	14.616	1971	1977	1985	rBV4	36775	107246	3.17%	0.315%
49	14.698	1987	1991	1996	rBV	51330	74339	2.20%	0.218%
50	14.916	2025	2028	2029	rBV3	4555	5559	0.16%	0.016%

51	15.128	2061	2064	2071	rVB6	14899	23196	0.69%	0.068%
52	15.181	2071	2073	2075	rBV3	4289	3988	0.12%	0.012%
53	15.310	2088	2095	2100	rBV	382632	585397	17.31%	1.719%
54	15.369	2100	2105	2113	rVB	126283	205209	6.07%	0.603%
55	15.481	2117	2124	2129	rBV2	61398	107473	3.18%	0.316%

56	15.522	2129	2131	2134	rVV3	19162	25025	0.74%	0.074%
57	15.563	2135	2138	2142	rVB4	21271	29120	0.86%	0.086%
58	15.669	2151	2156	2162	rVB	22770	45344	1.34%	0.133%
59	15.781	2173	2175	2176	rBV2	5807	3587	0.11%	0.011%
60	15.816	2177	2181	2189	rVB	31328	54262	1.60%	0.159%

61	16.028	2213	2217	2218	rBV3	12771	14316	0.42%	0.042%
62	16.316	2263	2266	2269	rVB	13677	15296	0.45%	0.045%
63	16.398	2273	2280	2285	rVB4	28784	54569	1.61%	0.160%
64	16.451	2285	2289	2293	rBV2	17920	24187	0.72%	0.071%
65	16.498	2294	2297	2302	rBV7	11629	23888	0.71%	0.070%

66	16.763	2337	2342	2346	rVB	47510	70763	2.09%	0.208%
67	16.851	2350	2357	2361	rBV5	31323	65487	1.94%	0.192%
68	16.922	2365	2369	2375	rVB	73827	111761	3.31%	0.328%
69	17.010	2381	2384	2389	rVB6	27759	38241	1.13%	0.112%
70	17.110	2394	2401	2404	rBV	1642583	2478547	73.30%	7.280%

71	17.151	2404	2408	2413	rVV	1615642	2263366	66.94%	6.648%
72	17.210	2413	2418	2421	rVV	384767	597105	17.66%	1.754%
73	17.245	2421	2424	2429	rVB	249345	351547	10.40%	1.033%
74	17.322	2435	2437	2444	rVB	30184	43832	1.30%	0.129%
75	17.516	2466	2470	2471	rBV2	31361	39744	1.18%	0.117%

76	17.551	2472	2476	2483	rVB	130808	213232	6.31%	0.626%
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Integrator: RTE

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 Title : SVOA CALIBRATION

77	17.645	2490	2492	2495	rBV3	19764	23265	0.69%	0.068%
78	17.722	2500	2505	2512	rVB5	72010	138816	4.11%	0.408%
79	18.028	2552	2557	2561	rBV2	240290	512122	15.15%	1.504%
80	18.069	2561	2564	2569	rVB	266983	353193	10.45%	1.037%
81	18.145	2574	2577	2583	rVV	70688	108455	3.21%	0.319%
82	18.210	2583	2588	2593	rVV2	284288	509915	15.08%	1.498%
83	18.257	2593	2596	2602	rVB	110018	184701	5.46%	0.542%
84	18.428	2622	2625	2629	rBV4	44476	61419	1.82%	0.180%
85	18.533	2640	2643	2648	rVB	116625	162671	4.81%	0.478%
86	18.598	2650	2654	2662	rVB2	147645	261997	7.75%	0.770%
87	18.845	2693	2696	2700	rBV2	40580	59312	1.75%	0.174%
88	18.969	2714	2717	2723	rBV2	51055	82331	2.43%	0.242%
89	19.245	2759	2764	2770	rBV	2323160	3140545	92.88%	9.224%
90	19.369	2782	2785	2793	rVB2	135959	196117	5.80%	0.576%
91	19.598	2819	2824	2826	rBV2	879756	1245231	36.83%	3.657%
92	19.627	2826	2829	2837	rVV	1626746	2160422	63.89%	6.345%
93	19.698	2839	2841	2846	rVB2	97351	137270	4.06%	0.403%
94	20.139	2914	2916	2922	rVB	296113	422647	12.50%	1.241%
95	20.251	2931	2935	2940	rBV	199719	281317	8.32%	0.826%
96	21.204	3093	3097	3107	rVB5	300447	622828	18.42%	1.829%
97	21.557	3149	3157	3161	rBV3	1465648	3381373	100.00%	9.932%
98	21.604	3161	3165	3172	rVB	663624	1113552	32.93%	3.271%
99	23.821	3537	3542	3549	rBV2	303961	834354	24.68%	2.451%
100	24.868	3713	3720	3732	rVB	812848	2247623	66.47%	6.602%

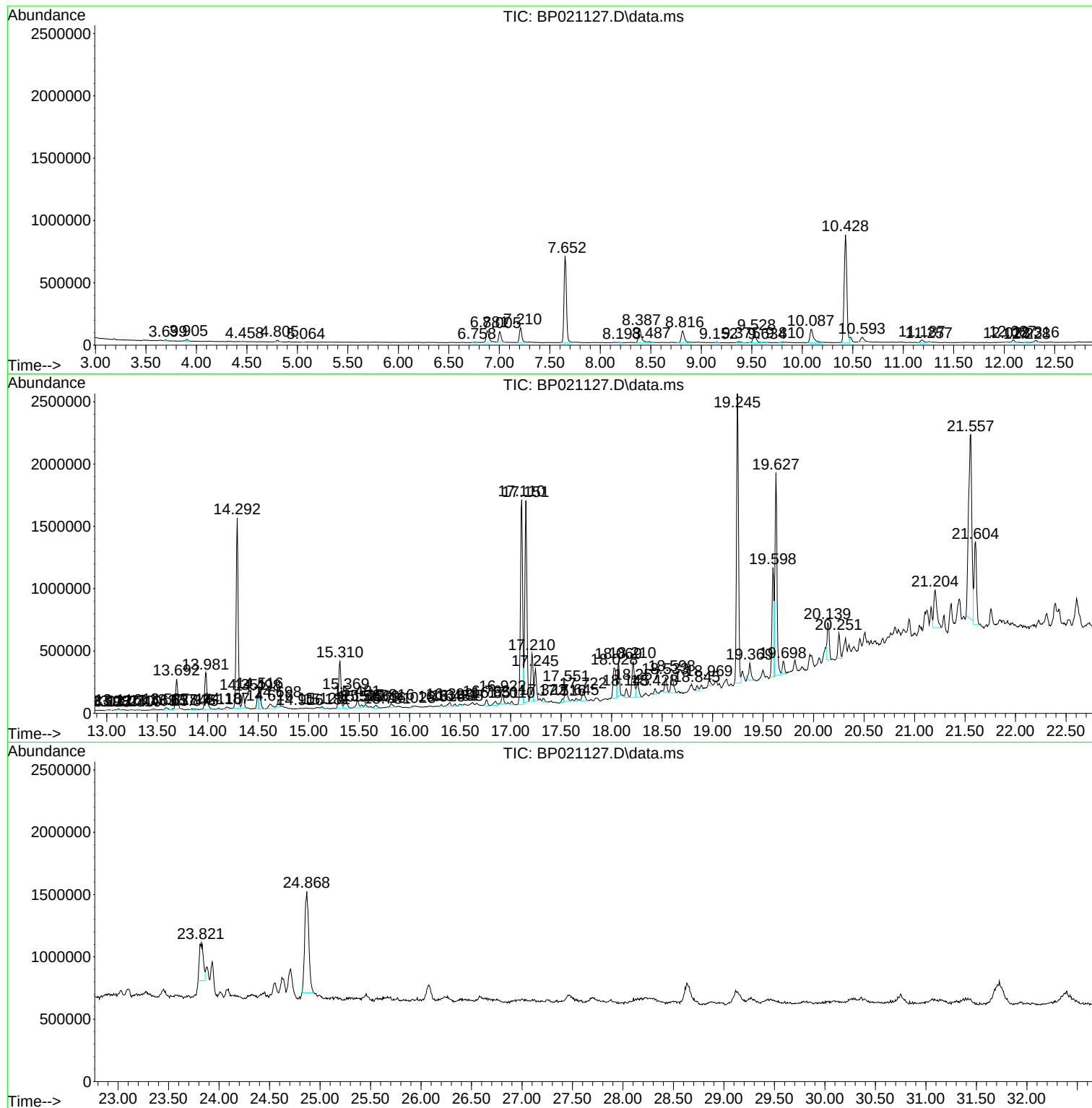
Sum of corrected areas: 34046817

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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\BP072424\
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Sample : P3238-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04DL

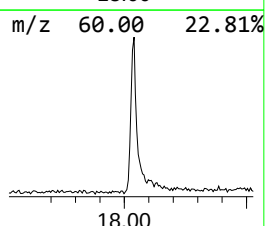
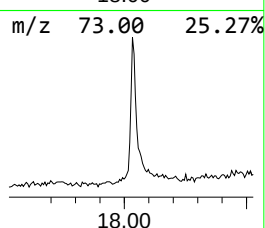
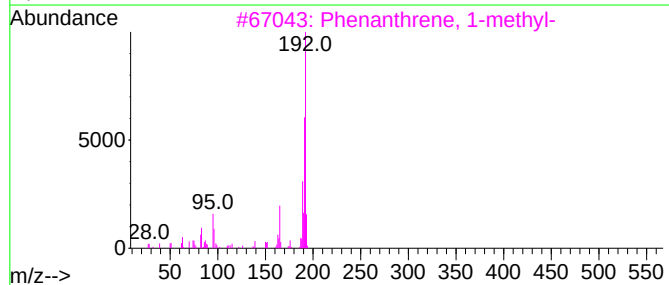
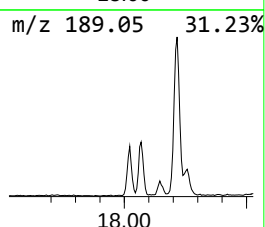
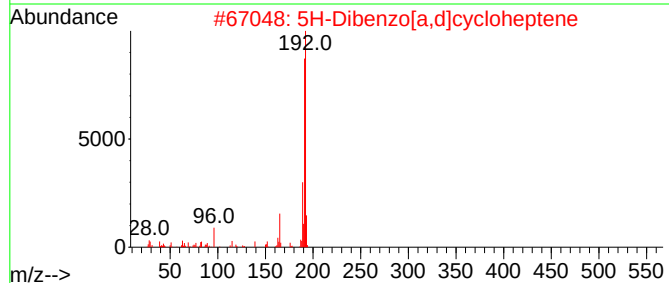
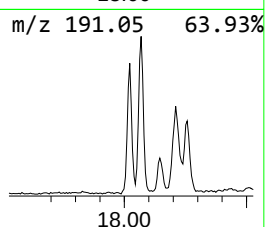
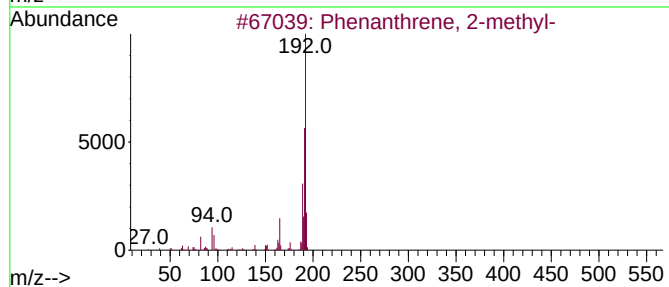
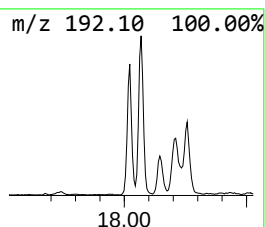
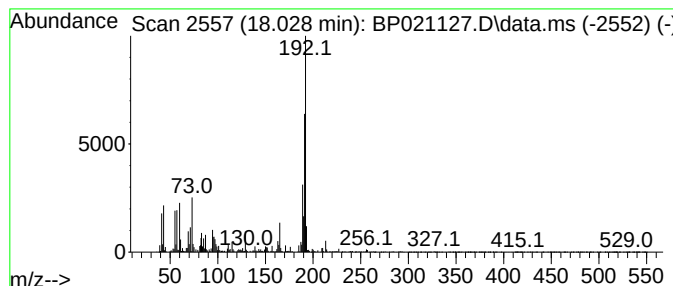
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	4.13 ng/ul	512122	Phenanthrene-d10	17.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



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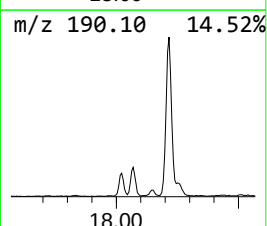
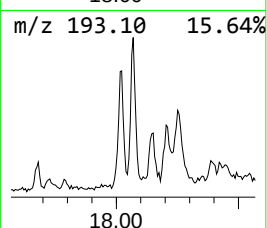
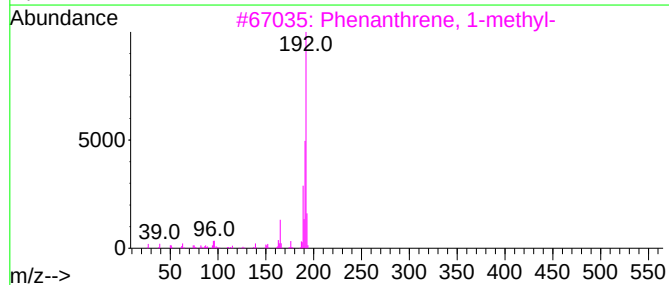
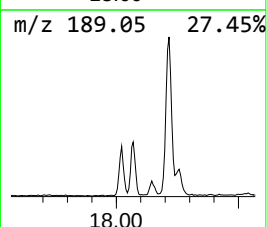
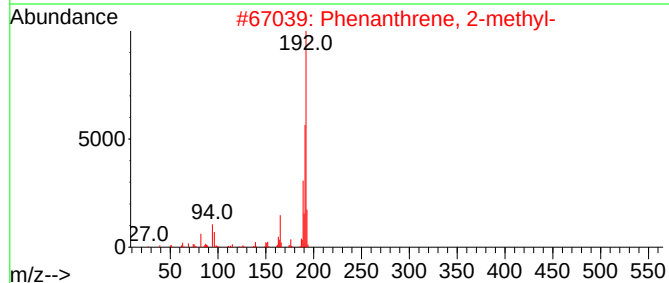
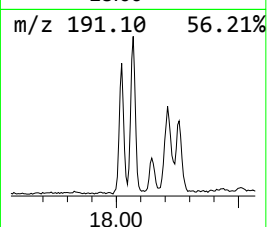
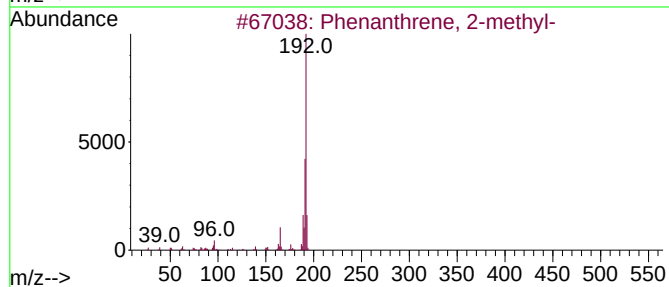
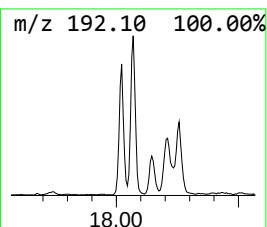
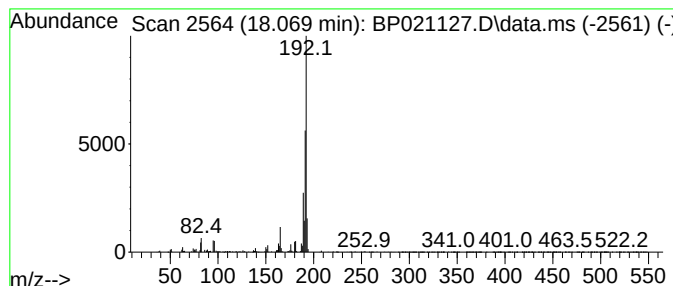
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	2.85 ng/ul	353193	Phenanthrene-d10	17.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



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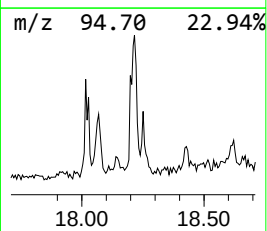
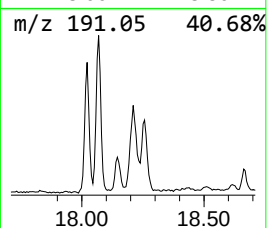
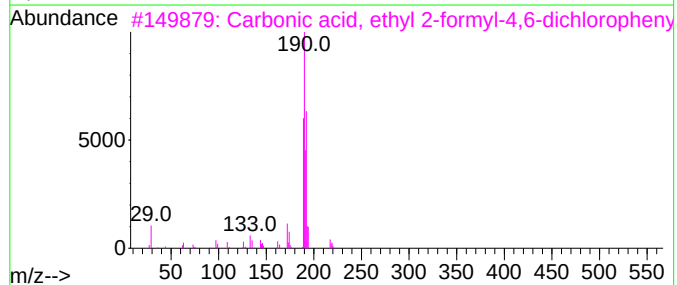
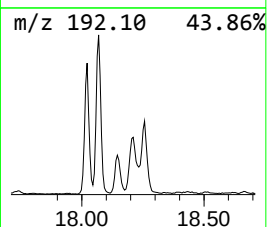
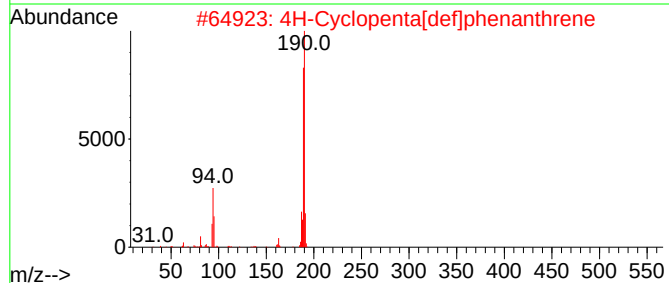
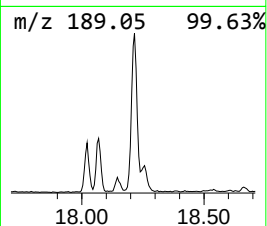
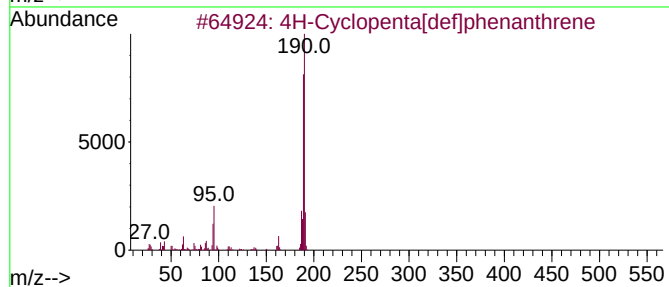
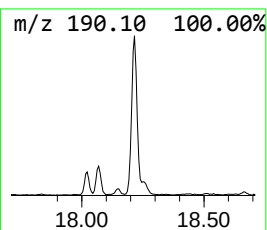
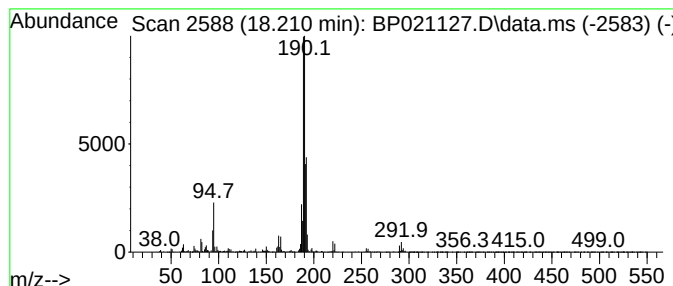
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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.
18.210	4.11 ng/ul	509915	Phenanthrene-d10	17.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
5			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021127.D
Acq On : 24 Jul 2024 14:17
Operator : MA/JU
Sample : P3238-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04DL

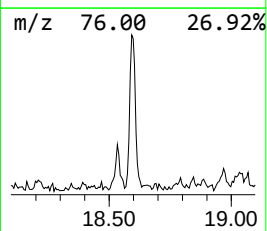
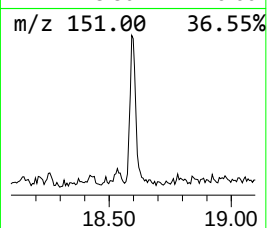
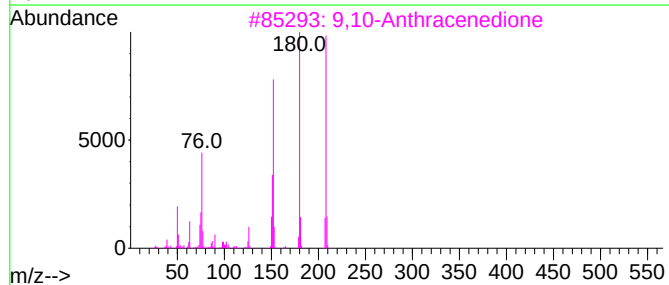
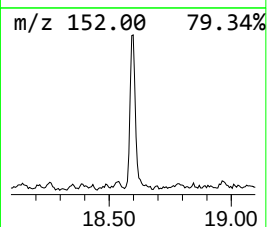
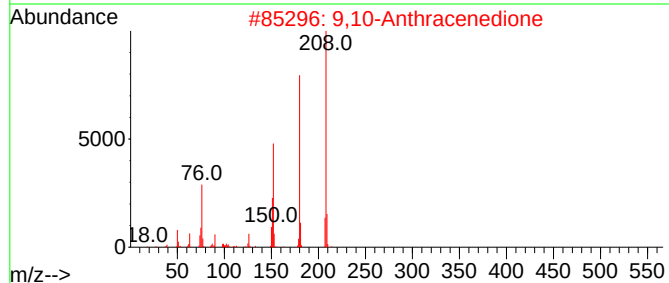
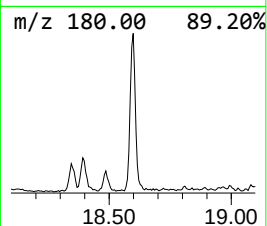
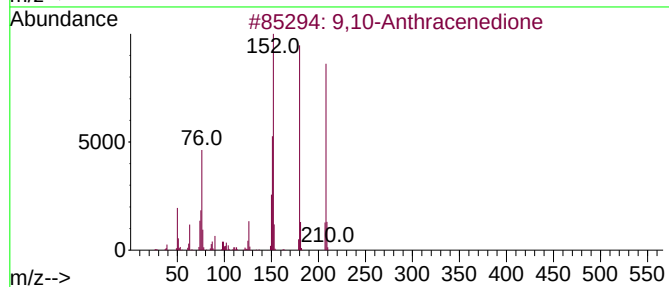
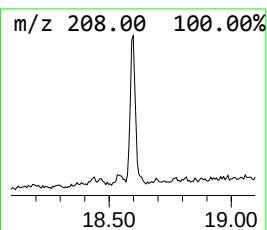
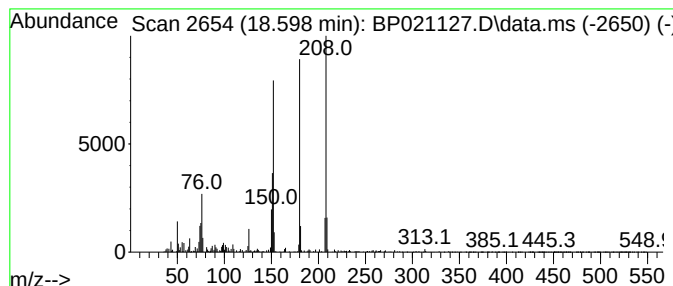
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.598	2.11 ng/ul	261997	Phenanthrene-d10	17.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4			9,10-Anthracenedione	208	C14H8O2	000084-65-1	86
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021127.D
Acq On : 24 Jul 2024 14:17
Operator : MA/JU
Sample : P3238-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04DL

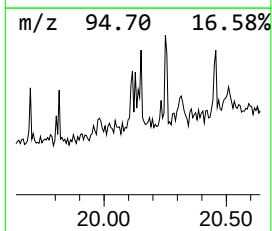
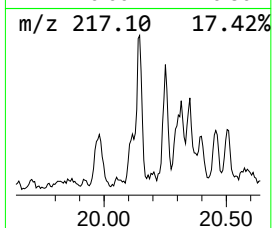
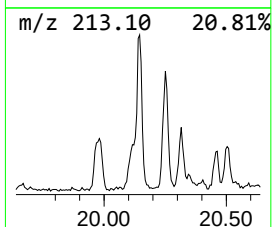
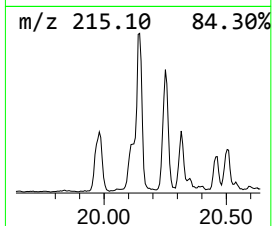
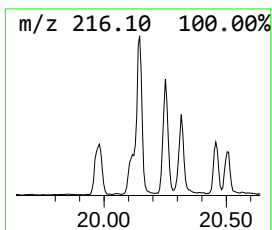
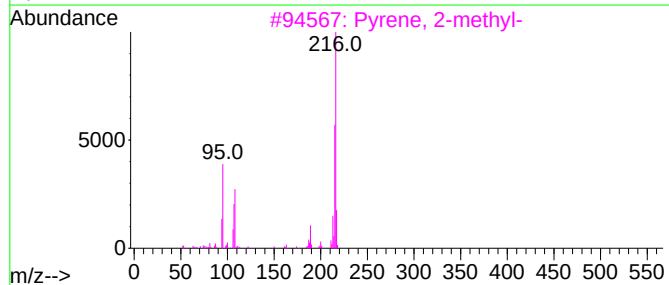
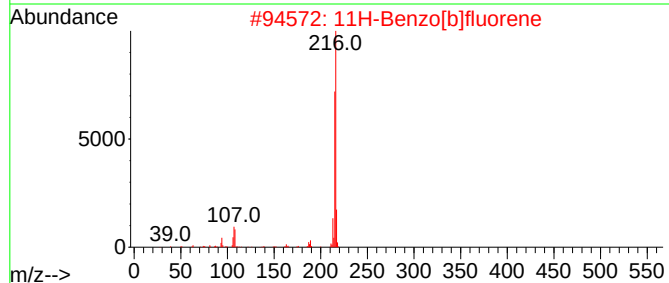
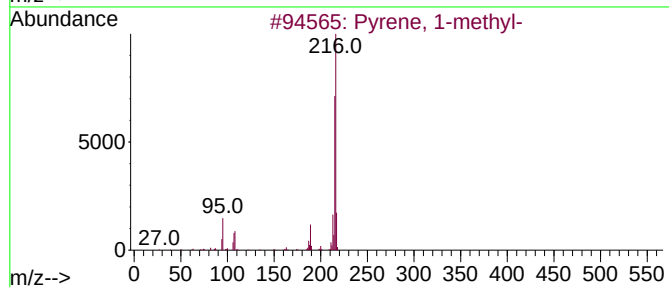
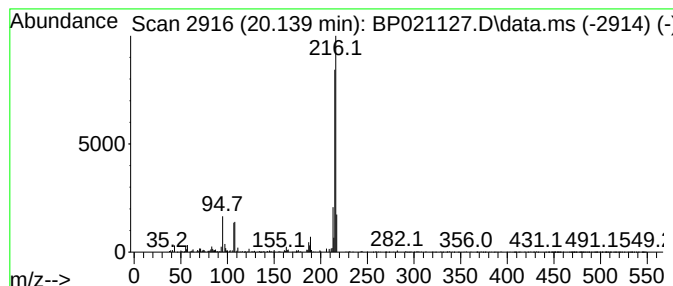
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.139	2.50 ng/ul	422647	Chrysene-d12	21.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021127.D
Acq On : 24 Jul 2024 14:17
Operator : MA/JU
Sample : P3238-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04DL

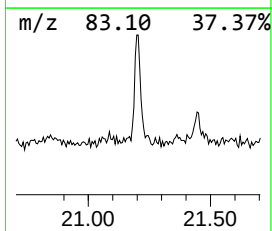
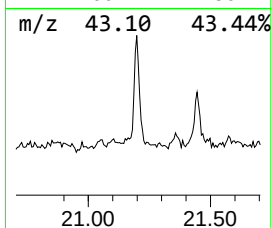
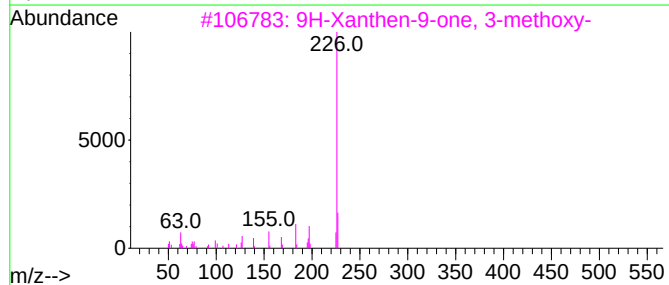
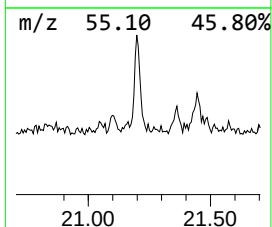
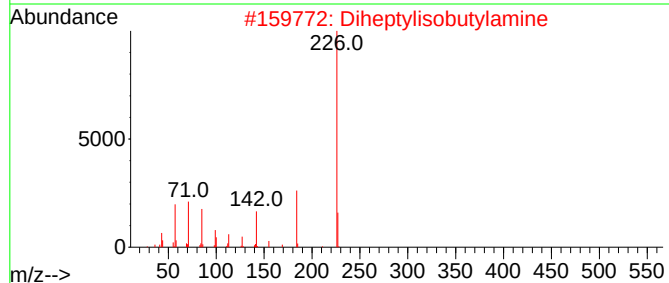
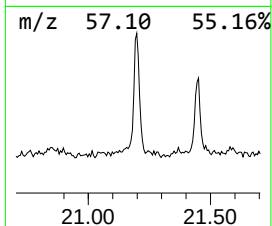
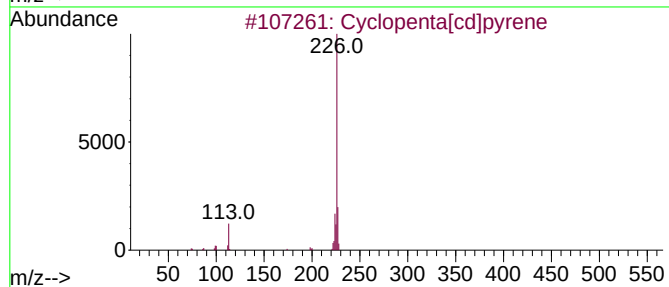
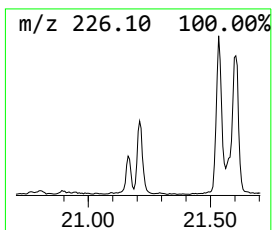
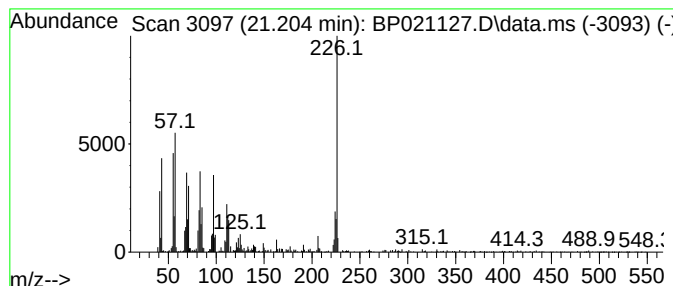
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.204	3.68 ng/ul	622828	Chrysene-d12	21.557

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43
2			Diheptylisobutylamine	269	C18H39N	1000310-32-0	37
3			9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	32
4			Benzonitrile, 2-(5-methyl-2-thie...	226	C13H10N2S	315670-19-0	25
5			Isonipecotic acid, N-(2-furoyl)-...	321	C18H27NO4	1000361-50-5	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
Data File : BP021127.D
Acq On : 24 Jul 2024 14:17
Operator : MA/JU
Sample : P3238-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2...	18.028	4.1	ng/ul	512122	4	17.110	2478550	20.0
Phenanthrene, 1...	18.069	2.9	ng/ul	353193	4	17.110	2478550	20.0
4H-Cyclopenta[d...	18.210	4.1	ng/ul	509915	4	17.110	2478550	20.0
9,10-Anthracene...	18.598	2.1	ng/ul	261997	4	17.110	2478550	20.0
Pyrene, 1-methyl-	20.139	2.5	ng/ul	422647	5	21.557	3381370	20.0
unknown-01	21.204	3.7	ng/ul	622828	5	21.557	3381370	20.0