LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023888.D
Acq On : 03 Feb 2025 20:37
Operator : RC/JU
Sample : Q1190-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T1

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-BP012925.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023888.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.711	102	106	117	rBV	166494	258223	2.13%	0.207%
2	3.805	118	122	130	rVB	68936	96100	0.79%	0.077%
3	4.928	308	313	319	rBV2	105501	159638	1.32%	0.128%
4	6.958	648	658	671	rBV	939076	1662428	13.70%	1.332%
5	7.111	678	684	691	rVB	748779	1118683	9.22%	0.896%
6	7.317	713	719	730	rVV	977727	1419679	11.70%	1.138%
7	7.775	790	797	805	rVV	1647163	2611358	21.51%	2.092%
8	8.475	910	916	924	rBV	904376	1397154	11.51%	1.120%
9	8.587	929	935	943	rVV	488913	809611	6.67%	0.649%
10	8.916	980	991	998	rVV	852574	1400964	11.54%	1.123%
11	9.475	1081	1086	1093	rVB	110442	167282	1.38%	0.134%
12	9.634	1102	1113	1120	rBV	641539	1084382	8.93%	0.869%
13	9.793	1135	1140	1146	rVB	46317	85085	0.70%	0.068%
14	9.987	1164	1173	1179	rBV	43794	83755	0.69%	0.067%
15	10.175	1196	1205	1215	rVV	1056380	1827215	15.05%	1.464%
16	10.552	1260	1269	1275	rBV	2477810	4072825	33.56%	3.264%
17	10.593	1275	1276	1281	rVV	86266	110903	0.91%	0.089%
18	10.681	1285	1291	1308	rVB	465173	884090	7.28%	0.708%
19	11.081	1353	1359	1370	rBV5	61217	125838	1.04%	0.101%
20	12.205	1545	1550	1558	rVB2	48718	87602	0.72%	0.070%
21	13.222	1717	1723	1730	rBV	69771	93622	0.77%	0.075%
22	13.716	1802	1807	1811	rVV	70691	124458	1.03%	0.100%
23	13.799	1811	1821	1831	rVV	1882859	2775796	22.87%	2.224%
24	14.087	1863	1870	1887	rVB	2235780	3498145	28.82%	2.803%
25	14.393	1912	1922	1929	rBV	3681811	5441390	44.83%	4.360%
26	14.451	1929	1932	1941	rVB	90165	166585	1.37%	0.133%
27	14.610	1952	1959	1969	rBV	616416	984496	8.11%	0.789%
28	14.799	1986	1991	1998	rVB	122561	206275	1.70%	0.165%
29	14.875	1998	2004	2008	rVB	81369	120442	0.99%	0.097%
30	15.022	2023	2029	2033	rBV	83147	131355	1.08%	0.105%
31	15.069	2033	2037	2042	rVB	81982	120102	0.99%	0.096%
32	15.193	2052	2058	2061	rBV2	47832	86561	0.71%	0.069%
33	15.398	2086	2093	2098	rVV	2998627	4072666	33.55%	3.263%
34	15.451	2098	2102	2106	rVV2	167600	246393	2.03%	0.197%
35	15.510	2106	2112	2121	rVV	452350	747942	6.16%	0.599%
36	15.581	2121	2124	2128	rVV3	55681	89401	0.74%	0.072%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023888.D
Acq On : 03 Feb 2025 20:37
Operator : RC/JU
Sample : Q1190-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T1

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-BP012925.MA.M
Title : SVOA CALIBRATION

37	15.763	2148	2155	2163	rVB2	498599	852187	7.02%	0.683%
38	15.904	2172	2179	2187	rVB2	106563	248163	2.04%	0.199%
39	15.998	2187	2195	2200	rBV3	46635	100607	0.83%	0.081%
40	16.146	2215	2220	2228	rBV3	94791	169340	1.40%	0.136%
41	16.487	2269	2278	2283	rBV5	91028	210488	1.73%	0.169%
42	16.634	2299	2303	2307	rVB2	67203	100876	0.83%	0.081%
43	16.716	2310	2317	2321	rBV3	109440	201533	1.66%	0.161%
44	16.757	2321	2324	2328	rVB2	72512	89720	0.74%	0.072%
45	16.840	2333	2338	2345	rVB5	115573	215485	1.78%	0.173%
46	16.922	2346	2352	2357	rBV2	136487	283343	2.33%	0.227%
47	16.963	2357	2359	2362	rVV2	82709	111170	0.92%	0.089%
48	17.004	2362	2366	2375	rVB	134466	265789	2.19%	0.213%
49	17.193	2392	2398	2402	rBV	4555131	6263385	51.60%	5.019%
50	17.234	2402	2405	2410	rVV	2729118	3588562	29.57%	2.876%
51	17.293	2410	2415	2419	rVV	2917221	4242076	34.95%	3.399%
52	17.328	2419	2421	2426	rVB	749179	881107	7.26%	0.706%
53	17.387	2426	2431	2437	rVB3	128642	220534	1.82%	0.177%
54	17.481	2443	2447	2450	rBV3	88600	144240	1.19%	0.116%
55	17.522	2450	2454	2457	rVB2	79391	114857	0.95%	0.092%
56	17.610	2466	2469	2472	rBV	76104	86656	0.71%	0.069%
57	17.728	2485	2489	2492	rVB	104489	126674	1.04%	0.102%
58	17.787	2496	2499	2505	rVB3	103258	150308	1.24%	0.120%
59	17.945	2522	2526	2530	rBV	64798	104064	0.86%	0.083%
60	18.098	2544	2552	2555	rVV	485086	859887	7.08%	0.689%
61	18.145	2555	2560	2568	rVB	859098	1716325	14.14%	1.375%
62	18.234	2569	2575	2580	rBV	331551	579455	4.77%	0.464%
63	18.298	2580	2586	2590	rVV2	882722	1670608	13.76%	1.339%
64	18.334	2590	2592	2601	rVB	403290	561344	4.62%	0.450%
65	18.457	2610	2613	2618	rVV4	96325	168512	1.39%	0.135%
66	18.510	2619	2622	2627	rVB4	62920	103290	0.85%	0.083%
67	18.616	2632	2640	2644	rVV	567256	892520	7.35%	0.715%
68	18.651	2644	2646	2653	rVB3	180338	263528	2.17%	0.211%
69	18.716	2654	2657	2661	rBV2	89726	100078	0.82%	0.080%
70	18.839	2675	2678	2681	rBV4	83669	124526	1.03%	0.100%
71	18.875	2681	2684	2689	rVV	217803	276017	2.27%	0.221%
72	18.928	2689	2693	2696	rVV	220201	309227	2.55%	0.248%
73	18.963	2696	2699	2703	rVB2	232167	308814	2.54%	0.247%
74	19.051	2709	2714	2719	rBV	453918	745117	6.14%	0.597%
75	19.116	2720	2725	2728	rBV4	212467	429414	3.54%	0.344%
76	19.198	2734	2739	2747	rBV2	418745	838541	6.91%	0.672%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023888.D
Acq On : 03 Feb 2025 20:37
Operator : RC/JU
Sample : Q1190-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T1

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-BP012925.MA.M
Title : SVOA CALIBRATION

77	19.322	2754	2760	2767	rVB	6251445	8743292	72.03%	7.006%
78	19.392	2769	2772	2776	rBV	143818	194457	1.60%	0.156%
79	19.428	2776	2778	2782	rVB3	113634	133924	1.10%	0.107%
80	19.481	2782	2787	2790	rBV2	159281	247251	2.04%	0.198%
81	19.528	2791	2795	2797	rBV4	97188	144784	1.19%	0.116%
82	19.569	2800	2802	2806	rVB	147419	178538	1.47%	0.143%
83	19.663	2813	2818	2821	rBV	3848166	5922539	48.80%	4.746%
84	19.692	2821	2823	2833	rVV	4260068	6762197	55.71%	5.419%
85	19.775	2834	2837	2844	rVB3	310165	549273	4.53%	0.440%
86	19.886	2852	2856	2862	rVB	367802	509958	4.20%	0.409%
87	20.034	2876	2881	2892	rBV4	404660	976272	8.04%	0.782%
88	20.181	2901	2906	2908	rBV3	330606	537428	4.43%	0.431%
89	20.216	2908	2912	2916	rVB	831740	1125415	9.27%	0.902%
90	20.316	2925	2929	2932	rBV	433150	551119	4.54%	0.442%
91	20.375	2935	2939	2944	rVB2	530911	861128	7.09%	0.690%
92	20.528	2961	2965	2968	rBV	232505	302575	2.49%	0.242%
93	20.569	2968	2972	2978	rVV2	288282	497458	4.10%	0.399%
94	21.010	3043	3047	3055	rVB	411499	712943	5.87%	0.571%
95	21.239	3083	3086	3090	rBV	319169	461658	3.80%	0.370%
96	21.633	3145	3153	3158	rBV2	5545855	12137593	100.00%	9.726%
97	21.681	3158	3161	3172	rVB	2192300	3867384	31.86%	3.099%
98	23.945	3538	3546	3554	rBV2	1077911	4235819	34.90%	3.394%
99	24.769	3682	3686	3693	rVB2	657377	1354584	11.16%	1.085%
100	25.016	3719	3728	3739	rBV	2331349	6702148	55.22%	5.370%

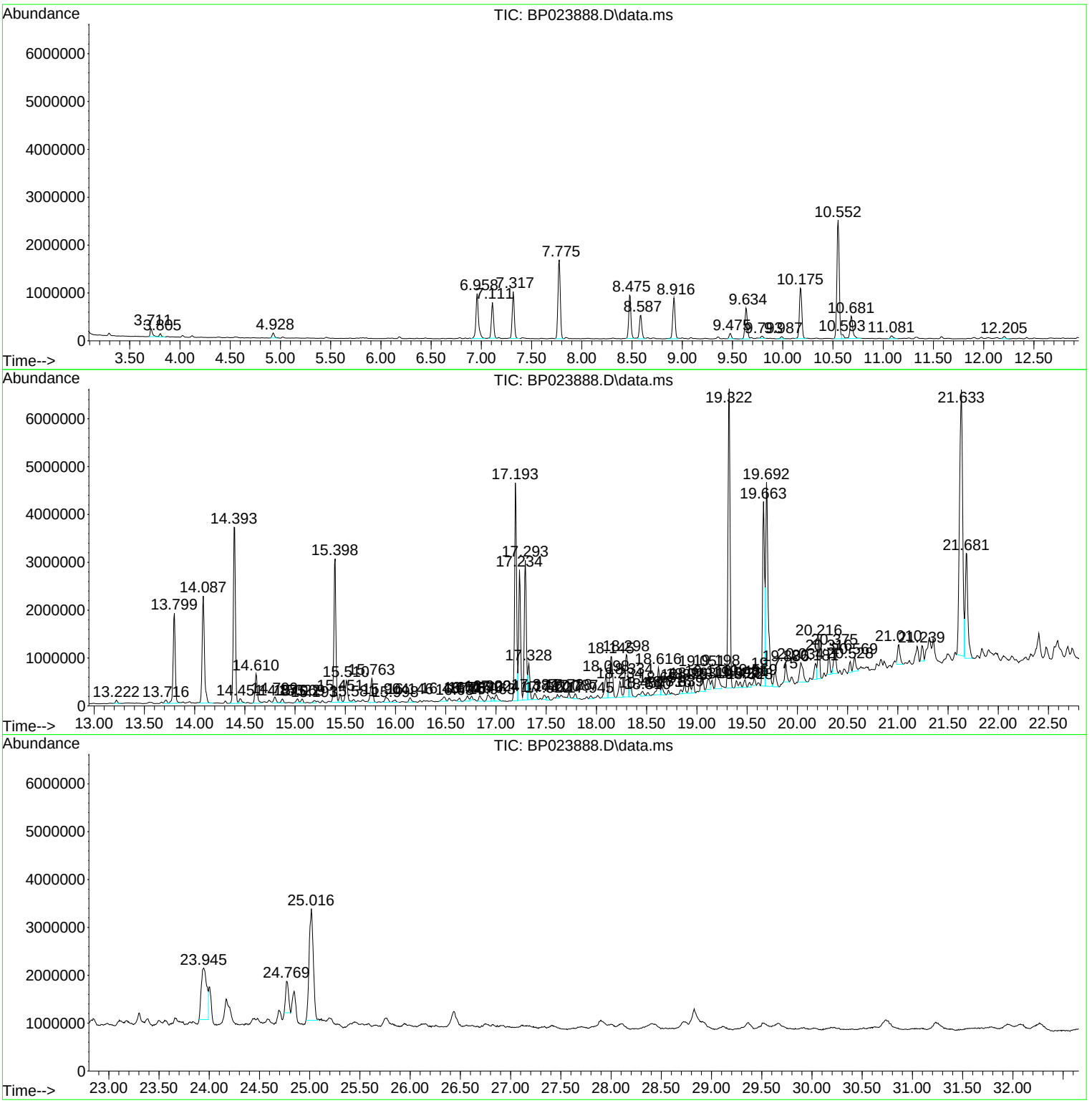
Sum of corrected areas: 124796548

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023888.D
Acq On : 03 Feb 2025 20:37
Operator : RC/JU
Sample : Q1190-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.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\BP020325\
Data File : BP023888.D
Acq On : 03 Feb 2025 20:37
Operator : RC/JU
Sample : Q1190-12
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

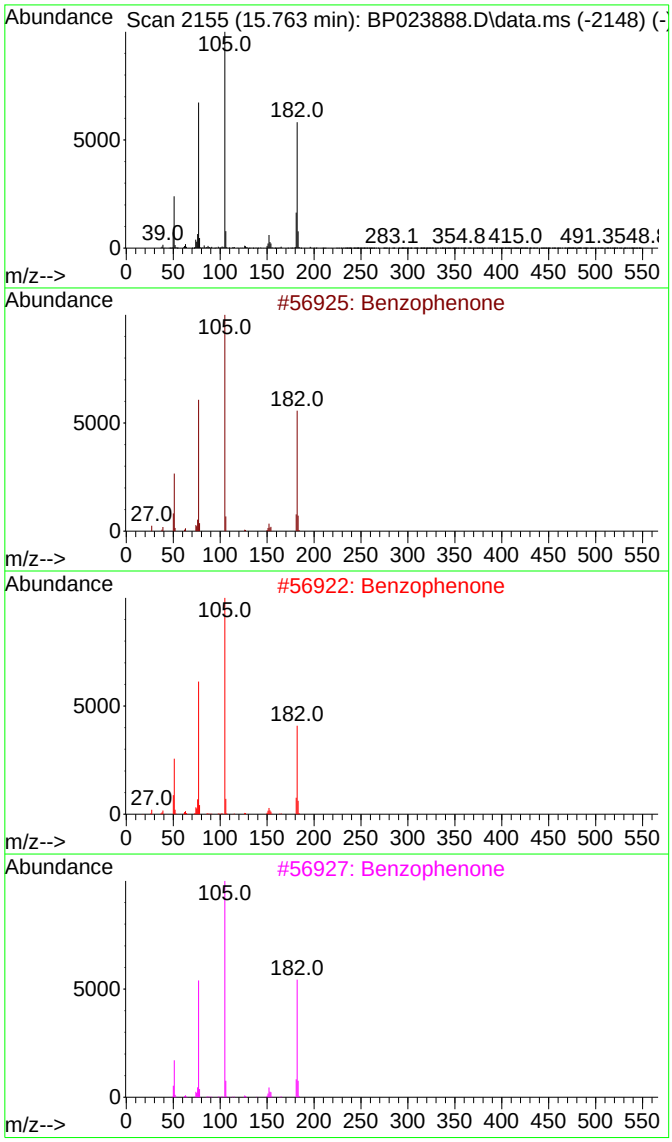
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

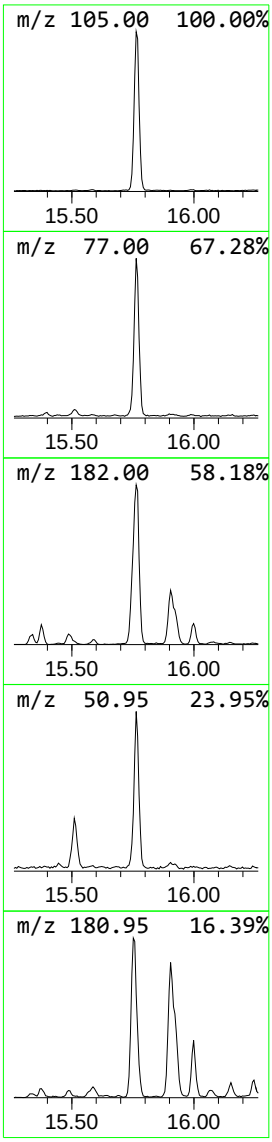
****

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.763	3.13 ng/ul	852187	Acenaphthene-d10	14.393

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	86
5	Azobenzene	182	C12H10N2	000103-33-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023888.D
Acq On : 03 Feb 2025 20:37
Operator : RC/JU
Sample : Q1190-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T1

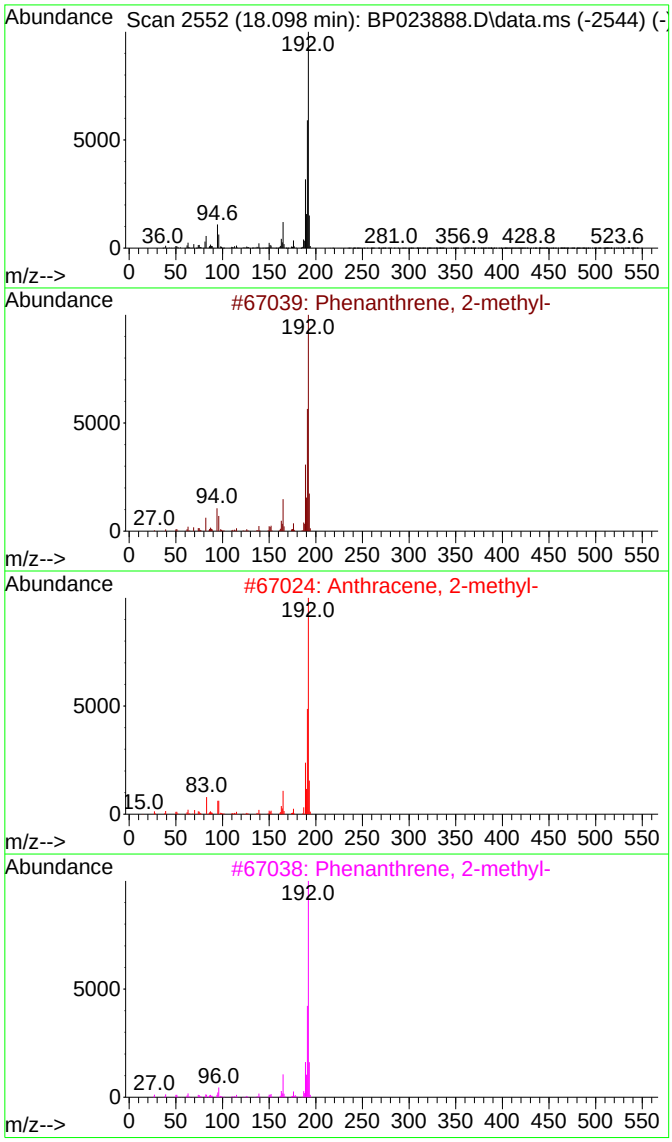
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

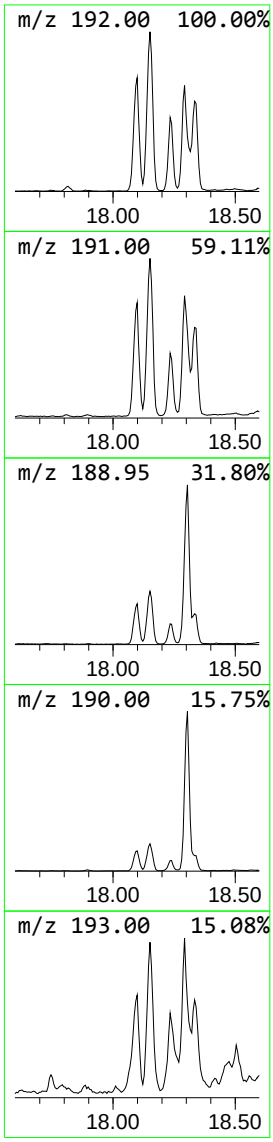
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	2.75 ng/ul	859887	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023888.D
Acq On : 03 Feb 2025 20:37
Operator : RC/JU
Sample : Q1190-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T1

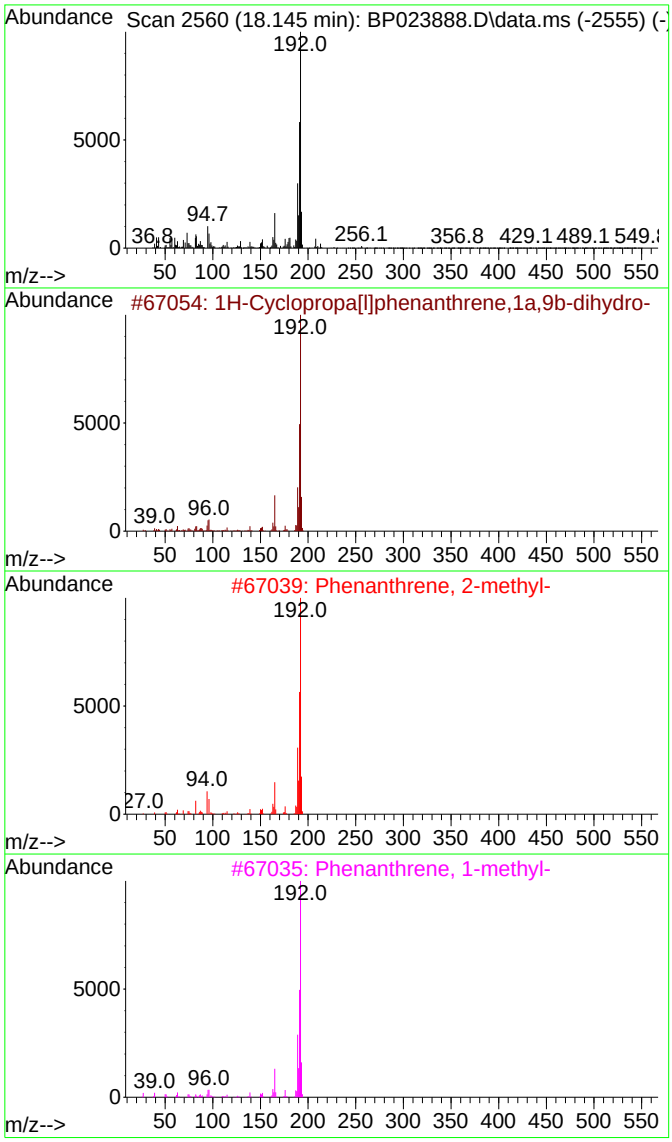
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

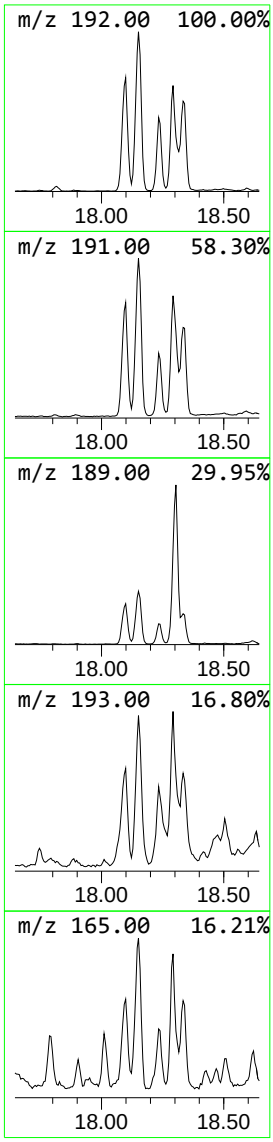
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	5.48 ng/ul	1716330	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023888.D
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Operator : RC/JU
Sample : Q1190-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T1

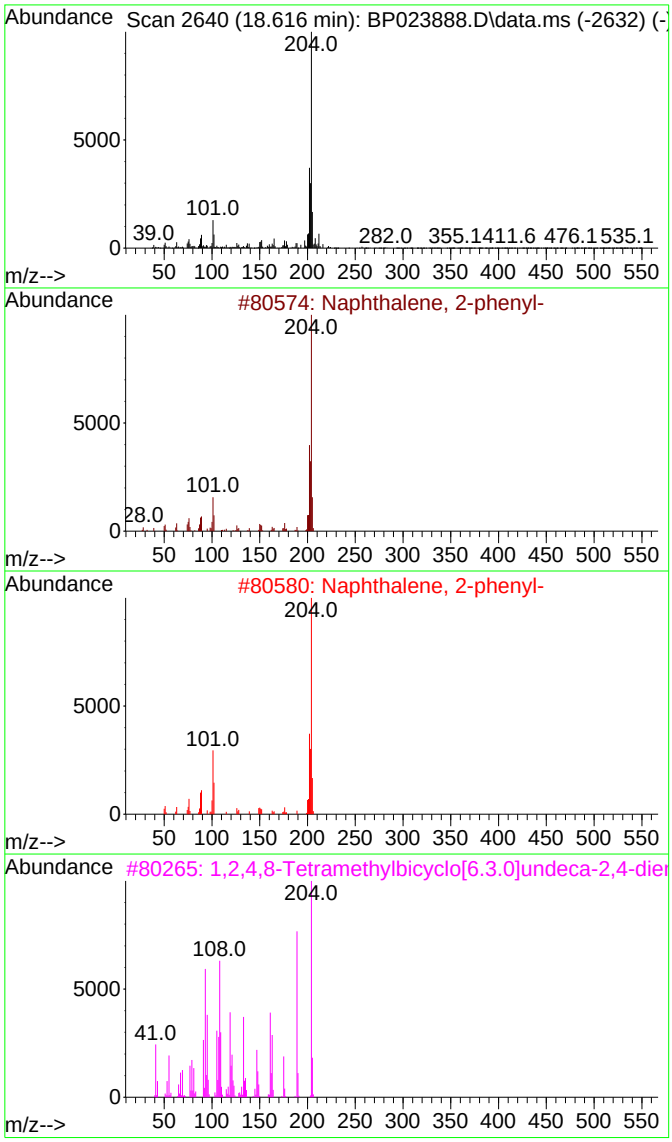
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

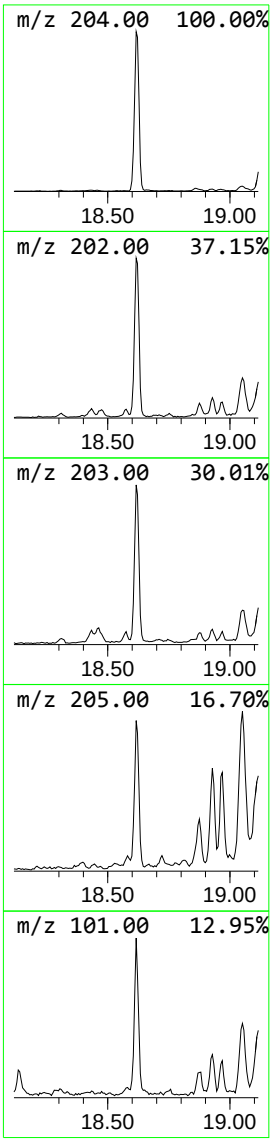
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	2.85 ng/ul	892520	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023888.D
Acq On : 03 Feb 2025 20:37
Operator : RC/JU
Sample : Q1190-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

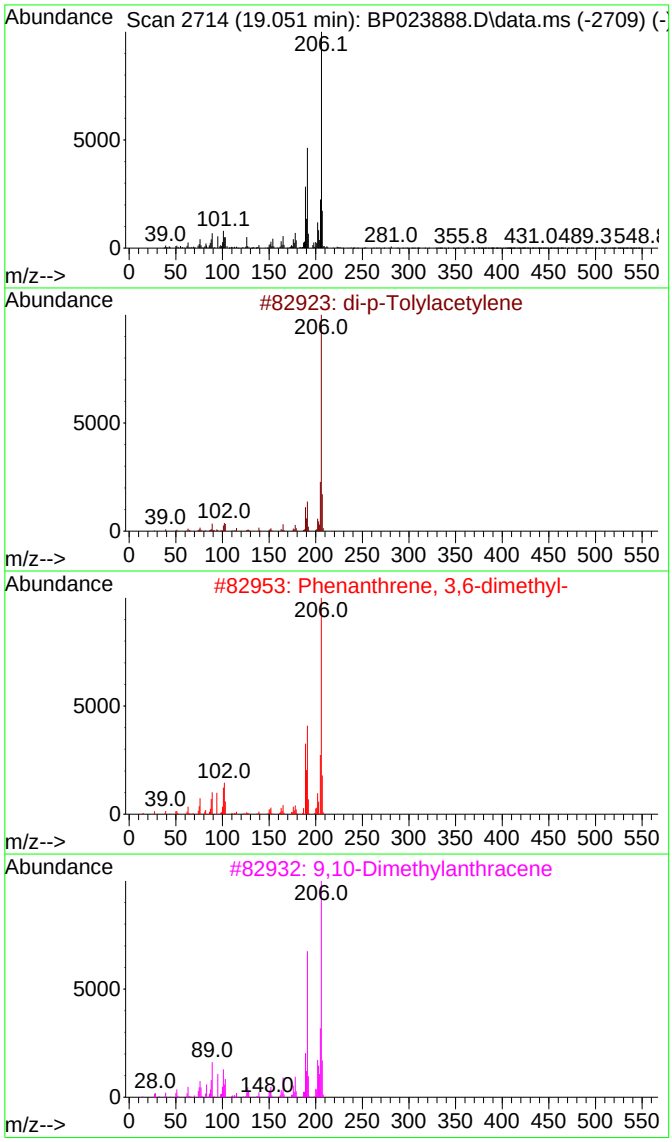
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

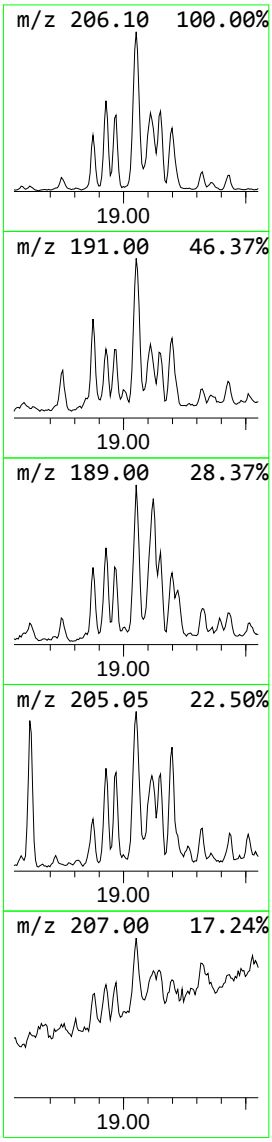
****

Peak Number 6 di-p-Tolylacetylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	2.38 ng/ul	745117	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023888.D
Acq On : 03 Feb 2025 20:37
Operator : RC/JU
Sample : Q1190-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T1

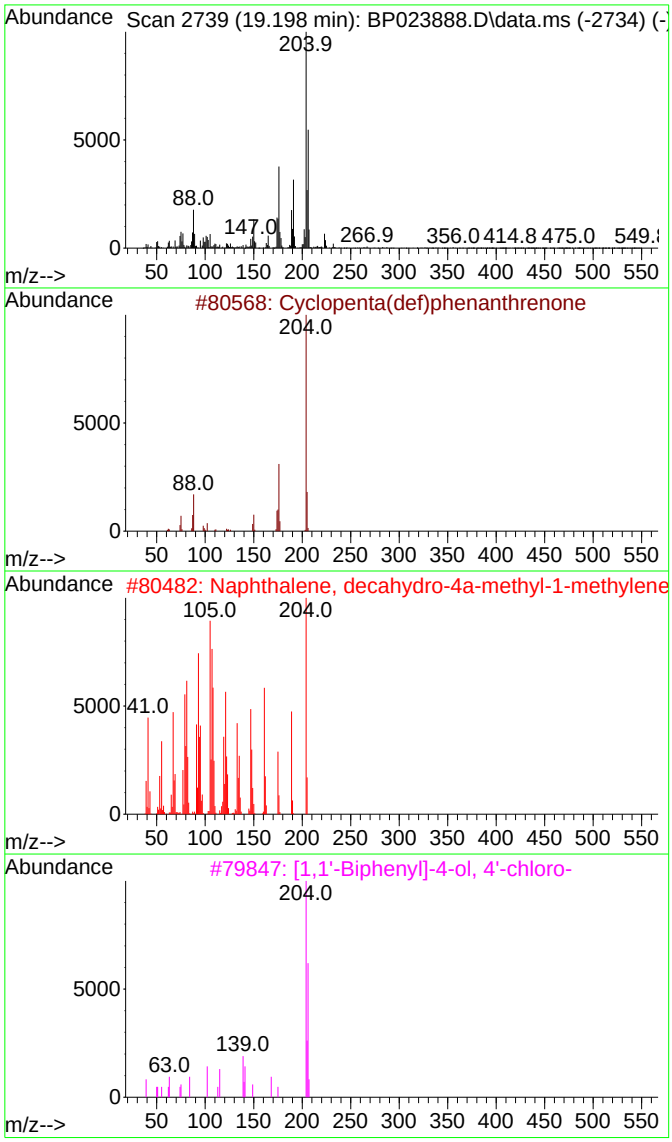
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

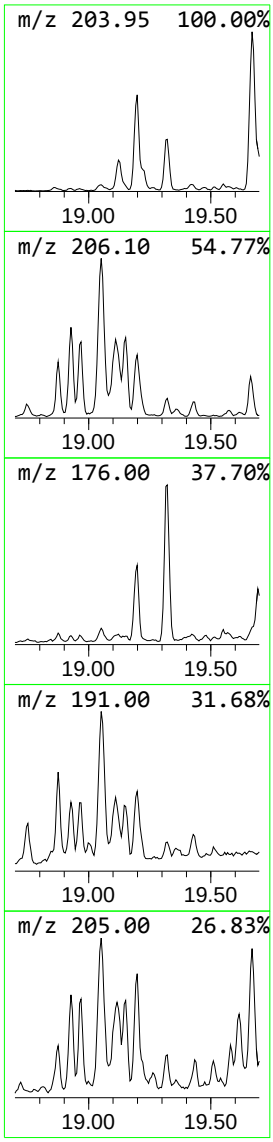
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	2.68 ng/ul	838541	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	86
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	52
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	51
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023888.D
Acq On : 03 Feb 2025 20:37
Operator : RC/JU
Sample : Q1190-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.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
Benzophenone	15.763	3.1	ng/ul	852187	3	14.393	5441390	20.0
Phenanthrene, 2...	18.098	2.8	ng/ul	859887	4	17.192	6263390	20.0
1H-Cyclopropa[l...	18.145	5.5	ng/ul	1716330	4	17.192	6263390	20.0
Naphthalene, 2-...	18.616	2.9	ng/ul	892520	4	17.192	6263390	20.0
di-p-Tolylacety...	19.051	2.4	ng/ul	745117	4	17.192	6263390	20.0
Cyclopenta(def)...	19.198	2.7	ng/ul	838541	4	17.192	6263390	20.0