LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049987.D
Acq On : 26 Aug 2021 23:00
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B56

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_G\METHODS\SFAM-EPA-BG081921.M
Title : SVOA CALIBRATION

Signal : TIC: BG049987.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.766	120	124	135	rBV	22043	43008	7.94%	0.653%
2	3.866	137	141	148	rVB2	15263	21703	4.00%	0.329%
3	4.260	206	208	210	rBV2	2363	2899	0.53%	0.044%
4	4.659	273	276	279	rBV4	3061	3013	0.56%	0.046%
5	5.041	335	341	350	rVB4	7935	15618	2.88%	0.237%
6	5.135	350	357	363	rVB6	3353	7391	1.36%	0.112%
7	5.952	491	496	499	rVV5	5798	9074	1.67%	0.138%
8	6.633	606	612	619	rVB3	22960	39682	7.32%	0.602%
9	7.138	692	698	707	rVB	58929	102388	18.89%	1.554%
10	7.285	715	723	730	rBV	43551	79469	14.66%	1.206%
11	7.403	737	743	750	rVB3	11214	22994	4.24%	0.349%
12	7.503	754	760	769	rVV2	61268	113647	20.97%	1.725%
13	7.579	769	773	777	rVV5	3398	5569	1.03%	0.085%
14	7.967	829	839	847	rBV	95403	166888	30.80%	2.533%
15	8.184	871	876	879	rBV4	5615	7987	1.47%	0.121%
16	8.689	957	962	970	rBV2	43680	80506	14.86%	1.222%
17	9.136	1031	1038	1045	rVV2	64830	122507	22.61%	1.859%
18	9.194	1045	1048	1054	rVB4	4354	6613	1.22%	0.100%
19	9.864	1156	1162	1171	rBV	61077	111922	20.65%	1.698%
20	10.416	1250	1256	1266	rBV	77878	148769	27.45%	2.258%
21	10.551	1274	1279	1289	rBV4	15271	36499	6.74%	0.554%
22	10.786	1309	1319	1325	rVV	135314	244347	45.09%	3.708%
23	10.833	1325	1327	1335	rVB2	7970	12297	2.27%	0.187%
24	10.939	1341	1345	1348	rBV4	2457	3381	0.62%	0.051%
25	11.803	1487	1492	1495	rVB4	2881	4066	0.75%	0.062%
26	12.196	1553	1559	1564	rBV2	15679	23264	4.29%	0.353%
27	12.449	1596	1602	1608	rVB4	9949	17799	3.28%	0.270%
28	12.672	1635	1640	1646	rVB3	9257	16737	3.09%	0.254%
29	13.148	1714	1721	1725	rVB3	2576	3715	0.69%	0.056%
30	13.436	1766	1770	1776	rBV6	9430	12880	2.38%	0.195%
31	13.494	1776	1780	1788	rVB4	8972	13266	2.45%	0.201%
32	13.782	1826	1829	1832	rBV4	3986	5414	1.00%	0.082%
33	13.947	1851	1857	1862	rBV4	14211	22309	4.12%	0.339%
34	14.029	1862	1871	1876	rVV	160942	248214	45.80%	3.767%
35	14.176	1893	1896	1902	rBV2	4801	8059	1.49%	0.122%
36	14.323	1914	1921	1932	rVB	179437	289207	53.37%	4.389%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049987.D
Acq On : 26 Aug 2021 23:00
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B56

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_G\METHODS\SFAM-EPA-BG081921.M
Title : SVOA CALIBRATION

37	14.429	1935	1939	1941	rBV	3176	2831	0.52%	0.043%
38	14.511	1949	1953	1956	rBV3	8589	12597	2.32%	0.191%
39	14.587	1961	1966	1967	rVV2	4849	7214	1.33%	0.109%
40	14.628	1967	1973	1979	rVV2	211416	326470	60.24%	4.954%
41	14.687	1979	1983	1990	rVB4	10972	14754	2.72%	0.224%
42	14.857	2007	2012	2024	rBV3	38901	88470	16.33%	1.343%
43	15.022	2036	2040	2050	rVB3	7924	14139	2.61%	0.215%
44	15.239	2073	2077	2082	rBV	3000	3915	0.72%	0.059%
45	15.368	2095	2099	2102	rBV2	3804	5079	0.94%	0.077%
46	15.415	2102	2107	2109	rVV3	4459	5797	1.07%	0.088%
47	15.462	2109	2115	2121	rVB4	10764	16982	3.13%	0.258%
48	15.621	2135	2142	2148	rBV	223320	343508	63.39%	5.213%
49	15.674	2148	2151	2155	rVV3	8657	13102	2.42%	0.199%
50	15.756	2159	2165	2176	rVB2	56692	90718	16.74%	1.377%
51	15.868	2176	2184	2186	rBV2	5387	8866	1.64%	0.135%
52	15.944	2193	2197	2198	rBV	2544	3304	0.61%	0.050%
53	15.973	2198	2202	2207	rVB4	6788	10700	1.97%	0.162%
54	16.067	2215	2218	2223	rVV4	2412	4906	0.91%	0.074%
55	16.126	2223	2228	2235	rVB4	6437	11376	2.10%	0.173%
56	16.208	2240	2242	2247	rVB3	2070	2840	0.52%	0.043%
57	16.285	2250	2255	2257	rBV	1744	2955	0.55%	0.045%
58	16.326	2257	2262	2263	rBV	15667	18245	3.37%	0.277%
59	16.678	2320	2322	2327	rVB2	3574	4889	0.90%	0.074%
60	16.731	2327	2331	2334	rBV3	2942	4276	0.79%	0.065%
61	16.913	2359	2362	2367	rVV5	5751	10711	1.98%	0.163%
62	17.031	2378	2382	2389	rBV4	11416	19950	3.68%	0.303%
63	17.119	2391	2397	2402	rVV4	17393	27085	5.00%	0.411%
64	17.172	2402	2406	2408	rVV3	4054	6508	1.20%	0.099%
65	17.201	2408	2411	2417	rVB2	5997	9852	1.82%	0.150%
66	17.383	2435	2442	2446	rBV	255067	413821	76.36%	6.280%
67	17.424	2446	2449	2453	rVV	114181	152897	28.21%	2.320%
68	17.483	2453	2459	2468	rVB	232881	381093	70.32%	5.783%
69	17.577	2471	2475	2476	rBV3	3139	3887	0.72%	0.059%
70	17.659	2484	2489	2492	rBV4	3194	5053	0.93%	0.077%
71	17.789	2502	2511	2516	rBV2	11831	24559	4.53%	0.373%
72	17.859	2519	2523	2527	rVV3	14856	19880	3.67%	0.302%
73	17.900	2527	2530	2534	rVB5	2635	2933	0.54%	0.045%
74	17.965	2538	2541	2543	rVB3	4184	3781	0.70%	0.057%
75	18.030	2549	2552	2556	rVB3	7614	10436	1.93%	0.158%
76	18.259	2585	2591	2594	rBV2	17977	25447	4.70%	0.386%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049987.D
Acq On : 26 Aug 2021 23:00
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B56

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_G\METHODS\SFAM-EPA-BG081921.M
Title : SVOA CALIBRATION

77	18.306	2594	2599	2604	rVV2	24391	38947	7.19%	0.591%
78	18.400	2608	2615	2618	rVB6	4105	8704	1.61%	0.132%
79	18.452	2618	2624	2628	rBV4	22629	42558	7.85%	0.646%
80	18.488	2628	2630	2636	rVB3	15100	19779	3.65%	0.300%
81	18.552	2636	2641	2647	rBV3	17166	24802	4.58%	0.376%
82	18.599	2647	2649	2653	rBV4	5090	7143	1.32%	0.108%
83	18.652	2656	2658	2659	rBV2	3410	3241	0.60%	0.049%
84	18.758	2672	2676	2679	rBV	13114	19870	3.67%	0.302%
85	18.805	2679	2684	2690	rVB2	24549	36100	6.66%	0.548%
86	18.893	2695	2699	2702	rVB6	5350	7180	1.32%	0.109%
87	18.964	2709	2711	2713	rBV3	2659	2821	0.52%	0.043%
88	19.005	2713	2718	2722	rVB5	7130	10787	1.99%	0.164%
89	19.046	2722	2725	2727	rBV4	6783	7258	1.34%	0.110%
90	19.099	2730	2734	2738	rVB6	3992	6485	1.20%	0.098%
91	19.175	2740	2747	2752	rBV7	26533	53774	9.92%	0.816%
92	19.322	2768	2772	2777	rVB5	14804	24811	4.58%	0.377%
93	19.439	2786	2792	2797	rVB	177606	252183	46.54%	3.827%
94	19.533	2805	2808	2810	rBV4	6661	7576	1.40%	0.115%
95	19.768	2842	2848	2851	rBV	316889	485692	89.63%	7.371%
96	19.868	2862	2865	2870	rVB4	10390	12225	2.26%	0.186%
97	20.285	2933	2936	2940	rVB3	31213	42512	7.84%	0.645%
98	21.648	3161	3168	3174	rBV3	265585	541905	100.00%	8.224%
99	24.662	3673	3681	3688	rBV2	114122	291076	53.71%	4.417%
100	24.879	3710	3718	3728	rVB3	149237	433223	79.94%	6.574%

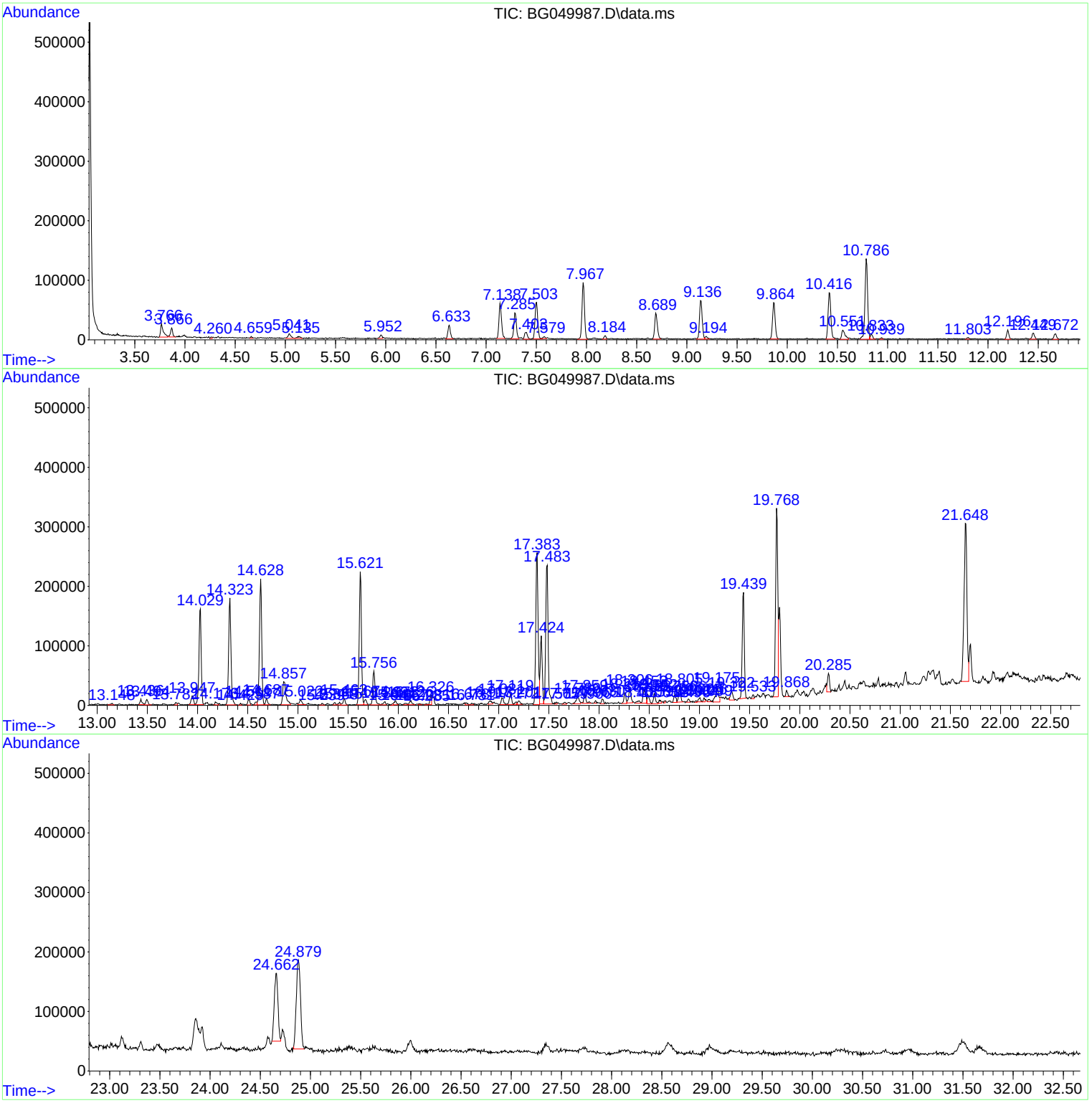
Sum of corrected areas: 6589579

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049987.D
Acq On : 26 Aug 2021 23:00
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049987.D
Acq On : 26 Aug 2021 23:00
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B56

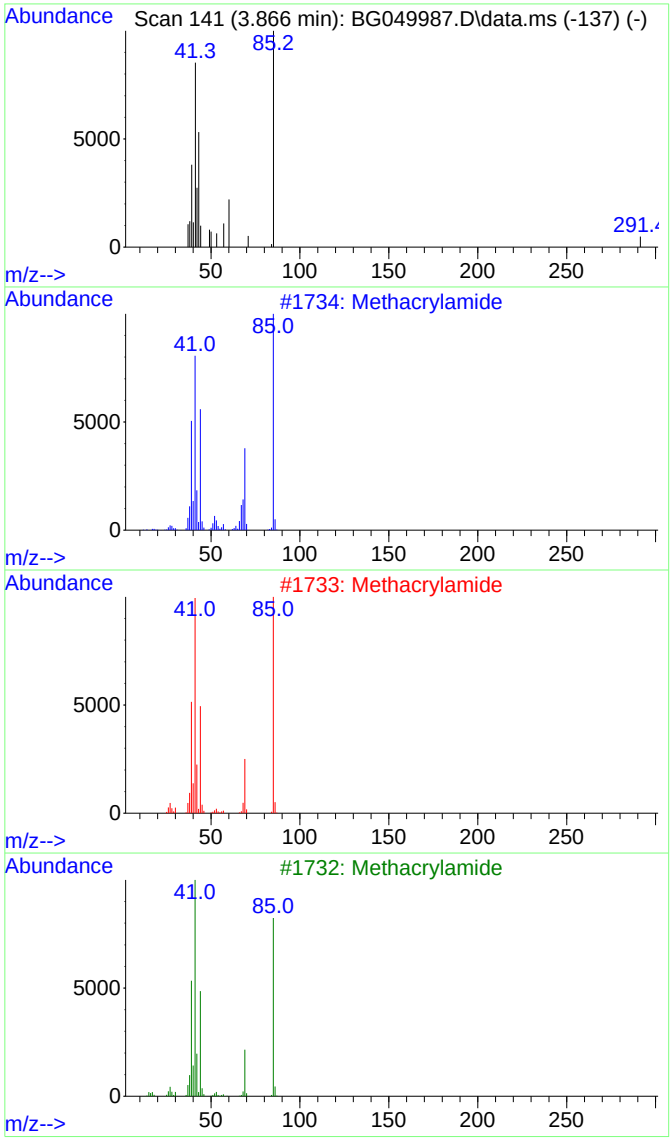
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

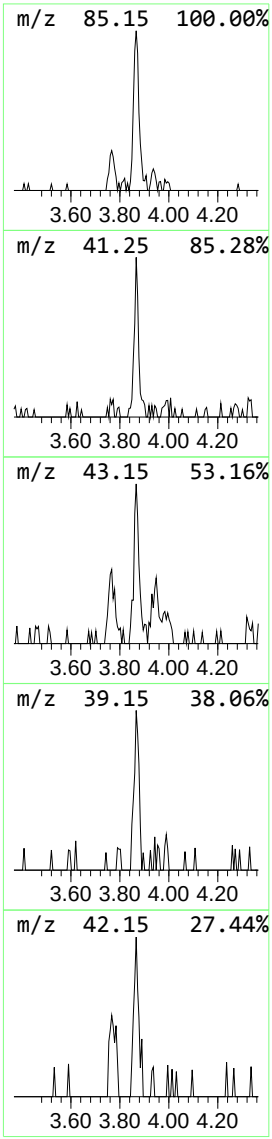
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.866	2.60 ng/ul	21703	1,4-Dichlorobenzene-d4	7.967

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	47
2	Methacrylamide	85	C4H7NO	000079-39-0	38
3	Methacrylamide	85	C4H7NO	000079-39-0	38
4	Propene	42	C3H6	000115-07-1	27
5	Dimethylketene	70	C4H6O	000598-26-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049987.D
Acq On : 26 Aug 2021 23:00
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

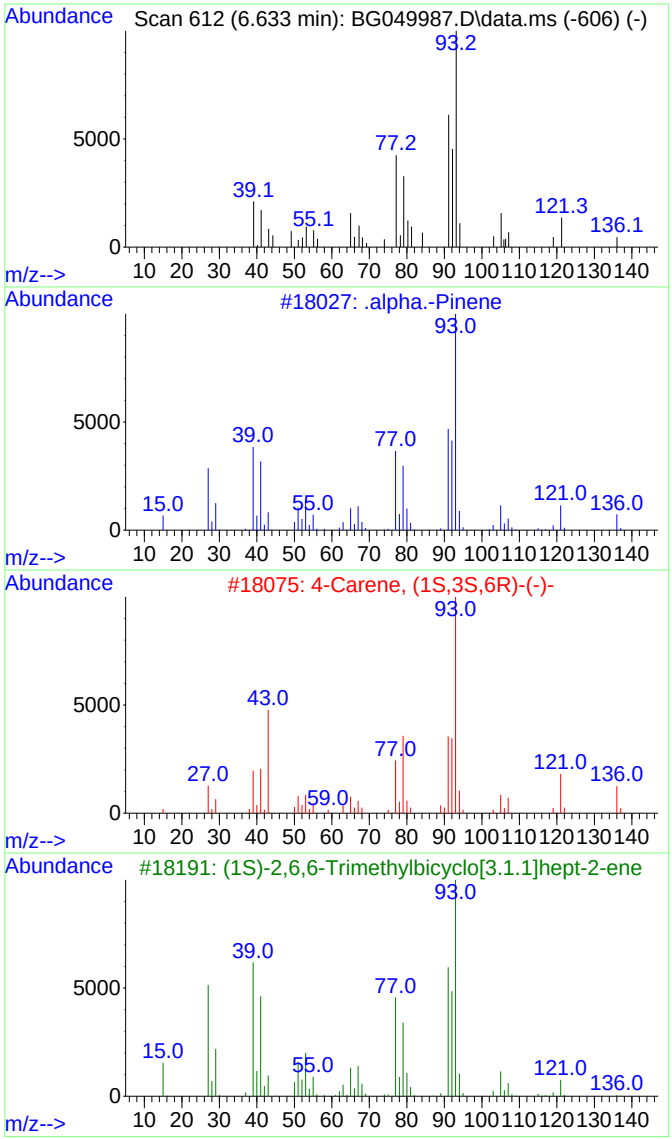
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

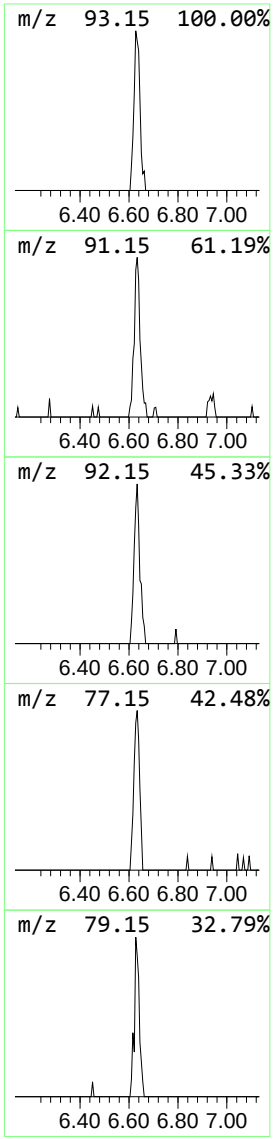
****

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.633	4.76 ng/ul	39682	1,4-Dichlorobenzene-d4	7.967

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	4-Carene, (1S,3S,6R)-(-)-	136	C10H16	005208-50-4	80
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	78
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	76
5	.beta.-Ocimene	136	C10H16	013877-91-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049987.D
Acq On : 26 Aug 2021 23:00
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B56

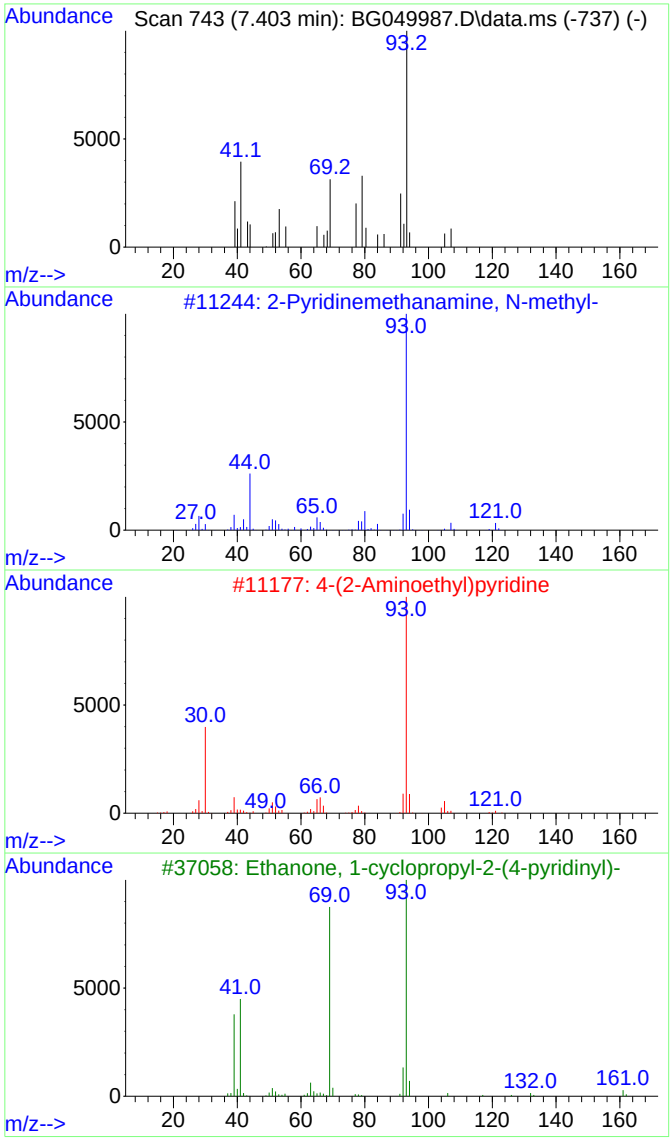
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

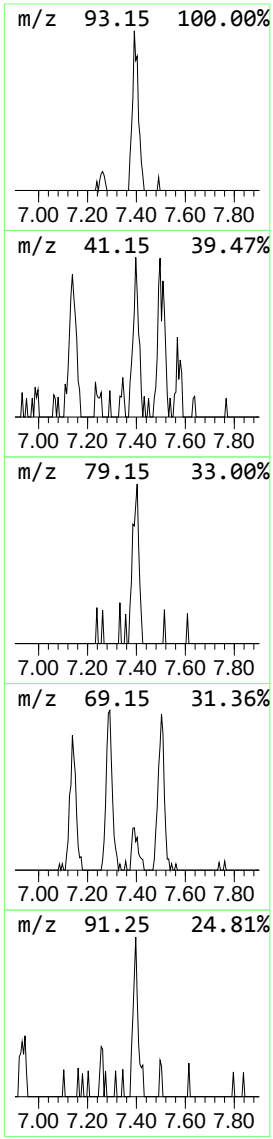
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pyridinemethanamine, N-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.403	2.76 ng/ul	22994	1,4-Dichlorobenzene-d4	7.967

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyridinemethanamine, N-methyl-	122	C7H10N2	021035-59-6	50
2	4-(2-Aminoethyl)pyridine	122	C7H10N2	013258-63-4	40
3	Ethanone, 1-cyclopropyl-2-(4-pyr...	161	C10H11NO	006580-95-6	9
4	Silane, chloro(chloromethyl)dime...	142	C3H8Cl2Si	001719-57-9	2
5	Silane, chloro(chloromethyl)dime...	142	C3H8Cl2Si	001719-57-9	2





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049987.D
Acq On : 26 Aug 2021 23:00
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B56

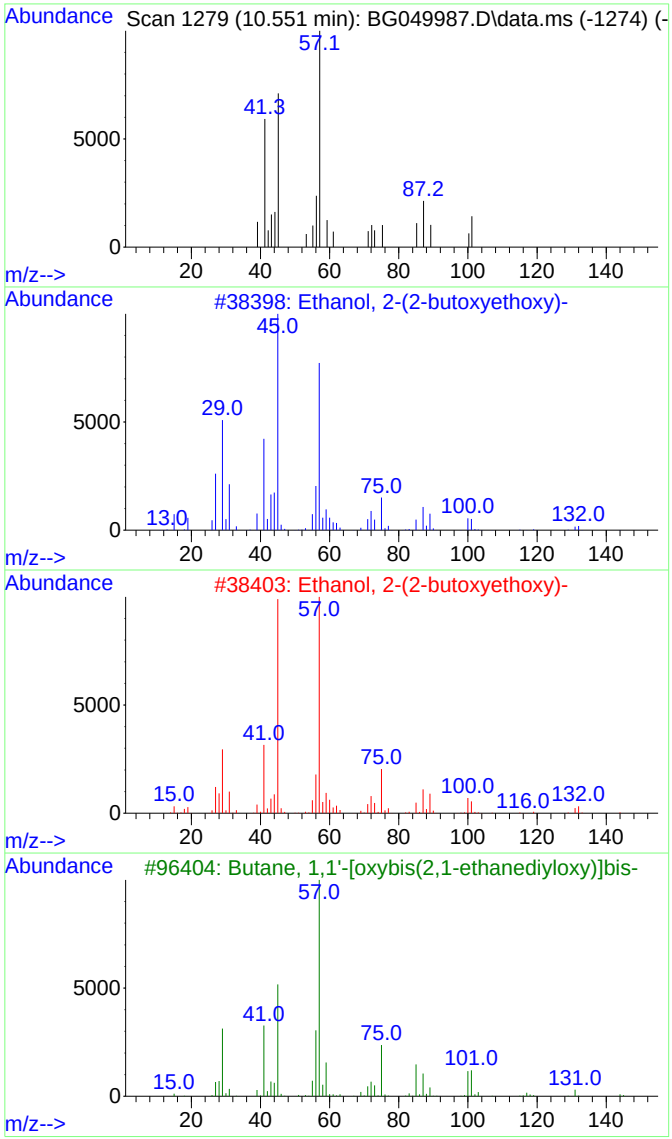
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

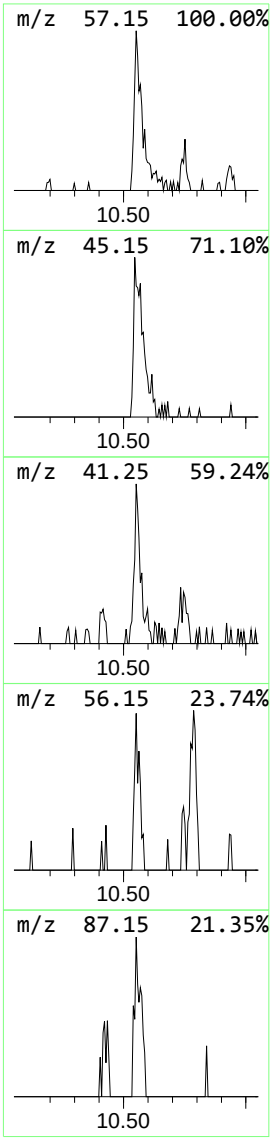
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	2.99 ng/ul	36499	Naphthalene-d8	10.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59
3	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	50
4	Ethylene glycol diglycidyl ether	174	C8H14O4	002224-15-9	45
5	Ethanol, 2-(2-butoxyethoxy)-, ac...	204	C10H20O4	000124-17-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049987.D
Acq On : 26 Aug 2021 23:00
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

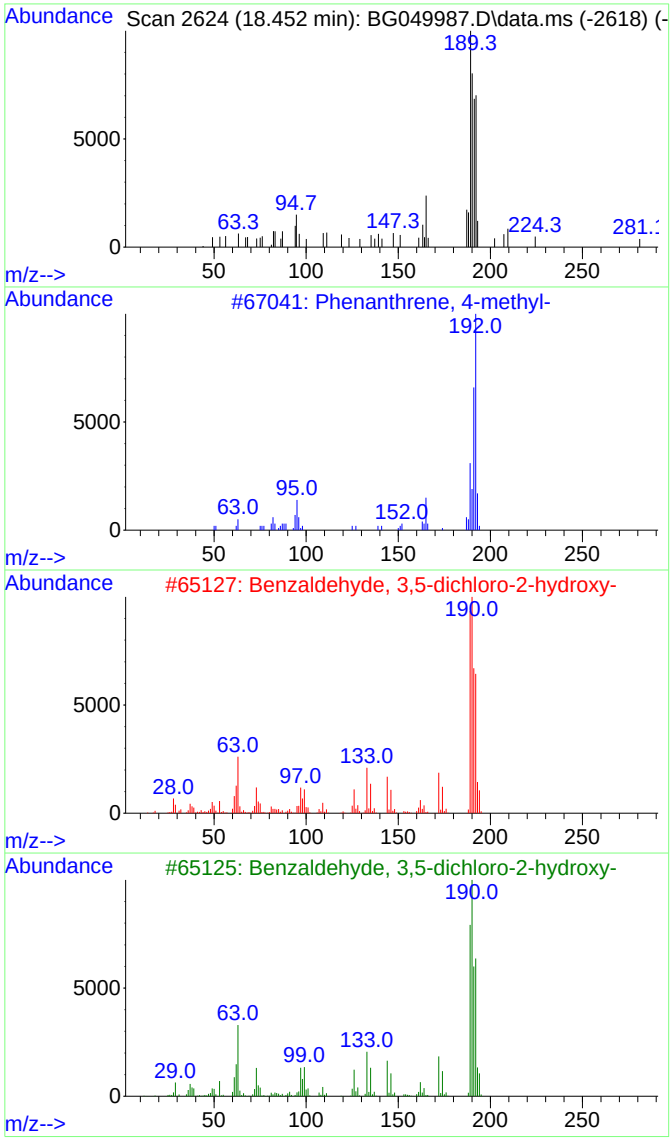
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

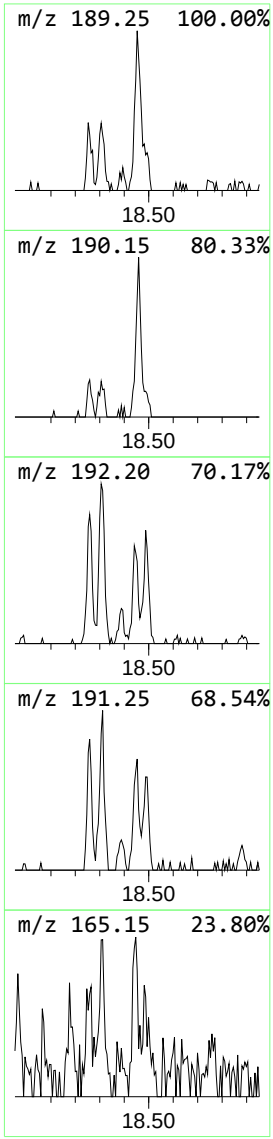
****

Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.453	2.06 ng/ul	42558	Phenanthrene-d10	17.378

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049987.D
Acq On : 26 Aug 2021 23:00
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B56

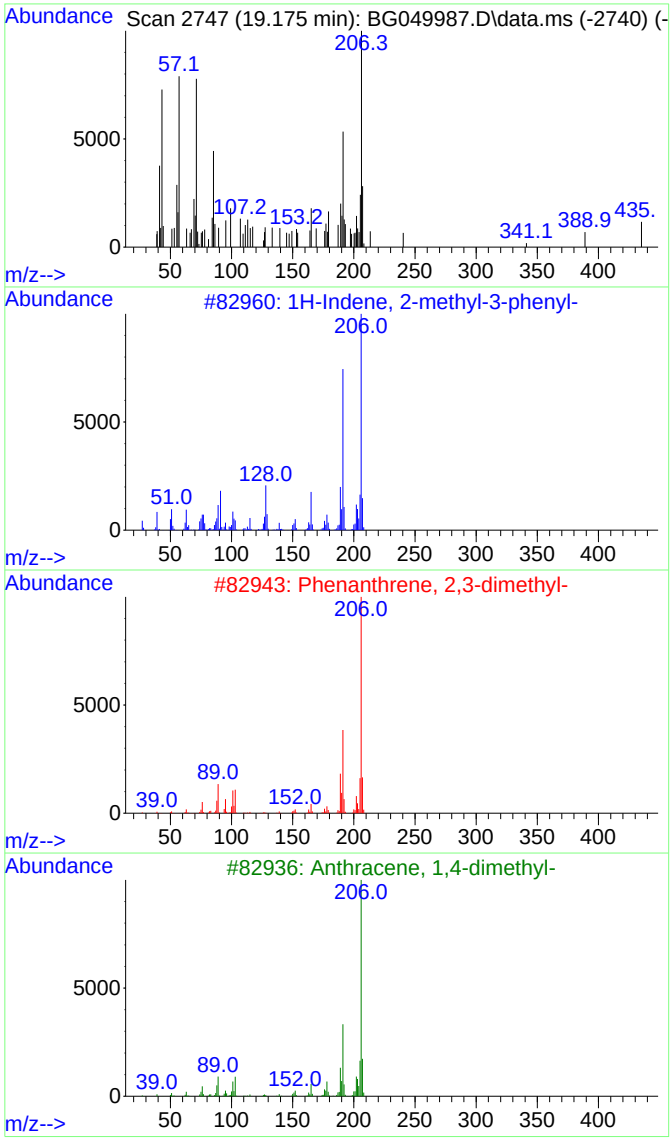
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

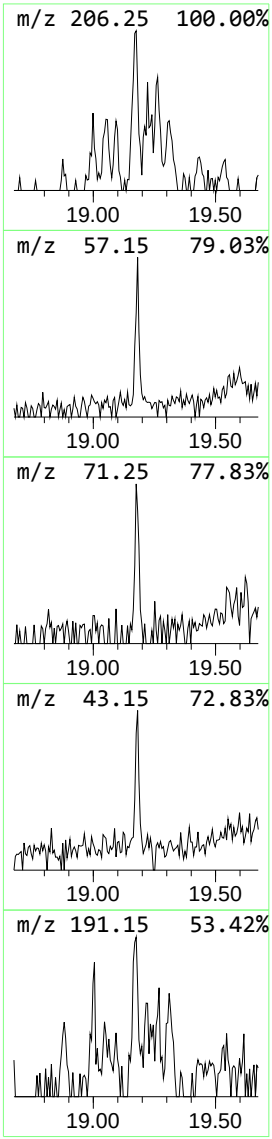
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2-methyl-3-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.175	2.60 ng/ul	53774	Phenanthrene-d10	17.378

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	89
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	55
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049987.D
Acq On : 26 Aug 2021 23:00
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.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
unknown-01	3.866	2.6	ng/ul	21703	1	7.967	166888	20.0
.alpha.-Pinene	6.633	4.8	ng/ul	39682	1	7.967	166888	20.0
2-Pyridinemetha...	7.403	2.8	ng/ul	22994	1	7.967	166888	20.0
Ethanol, 2-(2-b...	10.551	3.0	ng/ul	36499	2	10.786	244347	20.0
Phenanthrene, 4...	18.453	2.1	ng/ul	42558	4	17.378	413821	20.0
1H-Indene, 2-me...	19.175	2.6	ng/ul	53774	4	17.378	413821	20.0