LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056849.D
Acq On : 6 Mar 2023 20:11
Operator : CG/JU
Sample : 01712-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW9

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-BG022323.M
Title : SVOA CALIBRATION

Signal : TIC: BG056849.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.137	99	102	114	rBV2	44607	80122	19.41%	1.552%
2	5.447	321	325	333	rVB2	11629	18780	4.55%	0.364%
3	7.081	598	603	610	rVB3	13211	22215	5.38%	0.430%
4	7.539	675	681	688	rVB	74249	126673	30.69%	2.453%
5	7.721	706	712	719	rVB	47859	81201	19.67%	1.573%
6	7.939	743	749	755	rVB	68628	112925	27.36%	2.187%
7	8.415	825	830	838	rVB	64504	108219	26.22%	2.096%
8	8.844	902	903	907	rVB2	1168	795	0.19%	0.015%
9	9.061	938	940	941	rBV2	1405	1208	0.29%	0.023%
10	9.108	941	948	954	rVB2	75485	129631	31.40%	2.511%
11	9.308	980	982	984	rBV	1055	992	0.24%	0.019%
12	9.590	1023	1030	1038	rVB	73190	127809	30.96%	2.475%
13	9.960	1091	1093	1096	rBV2	1108	1185	0.29%	0.023%
14	10.318	1148	1154	1161	rVB	62122	108892	26.38%	2.109%
15	10.542	1190	1192	1195	rVB	1752	1932	0.47%	0.037%
16	10.577	1195	1198	1199	rBV	678	816	0.20%	0.016%
17	10.788	1231	1234	1237	rBV2	885	1175	0.28%	0.023%
18	10.859	1239	1246	1253	rVB	92645	161694	39.17%	3.132%
19	11.006	1268	1271	1274	rBV	919	845	0.20%	0.016%
20	11.252	1306	1313	1322	rVB	97777	173391	42.01%	3.358%
21	11.376	1326	1334	1343	rVV2	71485	129944	31.48%	2.517%
22	11.793	1401	1405	1407	rBV2	819	916	0.22%	0.018%
23	12.216	1474	1477	1480	rBV2	918	1017	0.25%	0.020%
24	12.598	1540	1542	1544	rBV	788	717	0.17%	0.014%
25	12.704	1553	1560	1561	rBV2	766	1295	0.31%	0.025%
26	12.727	1561	1564	1566	rVV2	1163	1422	0.34%	0.028%
27	12.809	1573	1578	1584	rVB3	1420	2422	0.59%	0.047%
28	12.968	1600	1605	1606	rVB2	538	711	0.17%	0.014%
29	13.326	1662	1666	1667	rBV2	886	741	0.18%	0.014%
30	13.373	1671	1674	1675	rBV	849	765	0.19%	0.015%
31	13.397	1675	1678	1681	rBV	583	702	0.17%	0.014%
32	13.538	1700	1702	1707	rVB3	1897	1945	0.47%	0.038%
33	13.826	1745	1751	1755	rBV3	2685	5117	1.24%	0.099%
34	13.896	1760	1763	1764	rBV2	842	740	0.18%	0.014%
35	14.096	1795	1797	1800	rBV2	1168	772	0.19%	0.015%
36	14.337	1835	1838	1842	rVB2	794	1019	0.25%	0.020%

LSC Area Percent Report

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Operator : CG/JU
Sample : 01712-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW9

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-BG022323.M
Title : SVOA CALIBRATION

37	14.408	1842	1850	1855	rBV	158153	237718	57.59%	4.604%
38	14.460	1855	1859	1864	rVB4	3177	5339	1.29%	0.103%
39	14.666	1892	1894	1897	rBV2	759	830	0.20%	0.016%
40	14.719	1897	1903	1909	rVV2	176883	282191	68.36%	5.466%
41	14.795	1913	1916	1918	rBV2	609	757	0.18%	0.015%
42	14.878	1926	1930	1934	rBV2	3683	4296	1.04%	0.083%
43	14.954	1939	1943	1944	rBV2	1115	1219	0.30%	0.024%
44	15.019	1948	1954	1961	rBV	159602	248010	60.08%	4.804%
45	15.095	1963	1967	1969	rVB2	915	1111	0.27%	0.022%
46	15.177	1973	1981	1990	rBV	70161	120895	29.29%	2.342%
47	15.330	2005	2007	2011	rBV4	1958	2053	0.50%	0.040%
48	15.377	2012	2015	2017	rVB3	1878	1873	0.45%	0.036%
49	15.401	2017	2019	2021	rVB3	1034	723	0.18%	0.014%
50	15.424	2021	2023	2025	rVB3	1111	1081	0.26%	0.021%
51	15.465	2027	2030	2031	rBV2	649	767	0.19%	0.015%
52	15.483	2031	2033	2037	rVV3	2302	3028	0.73%	0.059%
53	15.547	2041	2044	2051	rVB6	1750	3273	0.79%	0.063%
54	15.618	2053	2056	2057	rBV2	1060	958	0.23%	0.019%
55	15.677	2063	2066	2067	rBV2	866	706	0.17%	0.014%
56	15.712	2067	2072	2073	rBV2	1857	2914	0.71%	0.056%
57	15.724	2073	2074	2077	rVB2	1130	889	0.22%	0.017%
58	15.818	2087	2090	2095	rVB2	5535	7354	1.78%	0.142%
59	15.871	2096	2099	2105	rVB4	2381	3516	0.85%	0.068%
60	16.006	2115	2122	2128	rBV	232959	349083	84.57%	6.761%
61	16.053	2128	2130	2133	rVV3	1954	1566	0.38%	0.030%
62	16.106	2133	2139	2146	rVB	62773	94374	22.86%	1.828%
63	16.217	2152	2158	2162	rBV4	8836	14365	3.48%	0.278%
64	16.352	2176	2181	2188	rVB	25690	37476	9.08%	0.726%
65	16.435	2192	2195	2200	rVB6	2038	4140	1.00%	0.080%
66	16.552	2212	2215	2216	rBV2	2099	1574	0.38%	0.030%
67	16.570	2216	2218	2223	rVB5	2469	3078	0.75%	0.060%
68	16.605	2223	2224	2225	rBV	1626	897	0.22%	0.017%
69	16.623	2225	2227	2231	rVB4	2955	3227	0.78%	0.063%
70	16.699	2231	2240	2246	rBV	15563	33395	8.09%	0.647%
71	16.905	2274	2275	2277	rBV2	1593	1435	0.35%	0.028%
72	17.075	2302	2304	2306	rVB2	2737	2289	0.55%	0.044%
73	17.122	2310	2312	2314	rBV3	1900	1813	0.44%	0.035%
74	17.463	2367	2370	2374	rVV3	6215	8499	2.06%	0.165%
75	17.516	2374	2379	2383	rVV	15868	22574	5.47%	0.437%
76	17.621	2393	2397	2399	rBV4	2790	3274	0.79%	0.063%

LSC Area Percent Report

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Operator : CG/JU
Sample : 01712-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW9

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Title : SVOA CALIBRATION

77	17.757	2413	2420	2427	rBV	186373	291965	70.73%	5.655%
78	17.851	2430	2436	2443	rBV2	230711	357331	86.57%	6.921%
79	18.121	2478	2482	2486	rVB6	3546	5458	1.32%	0.106%
80	18.197	2493	2495	2500	rVB3	5218	6395	1.55%	0.124%
81	18.315	2513	2515	2517	rBV3	2499	2117	0.51%	0.041%
82	18.591	2557	2562	2567	rBV2	25389	37581	9.10%	0.728%
83	18.879	2608	2611	2614	rVB4	4442	5765	1.40%	0.112%
84	19.002	2630	2632	2636	rVB5	4812	5054	1.22%	0.098%
85	19.055	2639	2641	2643	rVB3	6024	4338	1.05%	0.084%
86	19.161	2657	2659	2663	rVB4	4578	3293	0.80%	0.064%
87	19.319	2684	2686	2693	rVB6	5034	8687	2.10%	0.168%
88	19.496	2714	2716	2718	rBV3	5513	5474	1.33%	0.106%
89	19.684	2745	2748	2750	rBV4	4143	5301	1.28%	0.103%
90	19.795	2765	2767	2768	rBV2	2471	2539	0.62%	0.049%
91	19.813	2768	2770	2773	rVV2	5630	6523	1.58%	0.126%
92	20.113	2815	2821	2830	rVB	292661	412778	100.00%	7.995%
93	21.634	3076	3080	3090	rVB3	35151	65924	15.97%	1.277%
94	22.063	3147	3153	3161	rVB2	177448	312250	75.65%	6.048%
95	25.348	3701	3712	3722	rVB3	127247	382982	92.78%	7.418%
96	25.589	3742	3753	3765	rBV2	98179	308594	74.76%	5.977%
97	26.276	3868	3870	3871	rBV	3394	2019	0.49%	0.039%
98	27.034	3997	3999	4000	rBV2	3261	1958	0.47%	0.038%
99	30.448	4579	4580	4581	rBV	2957	1588	0.38%	0.031%
100	32.316	4896	4898	4900	rBV3	2928	1862	0.45%	0.036%

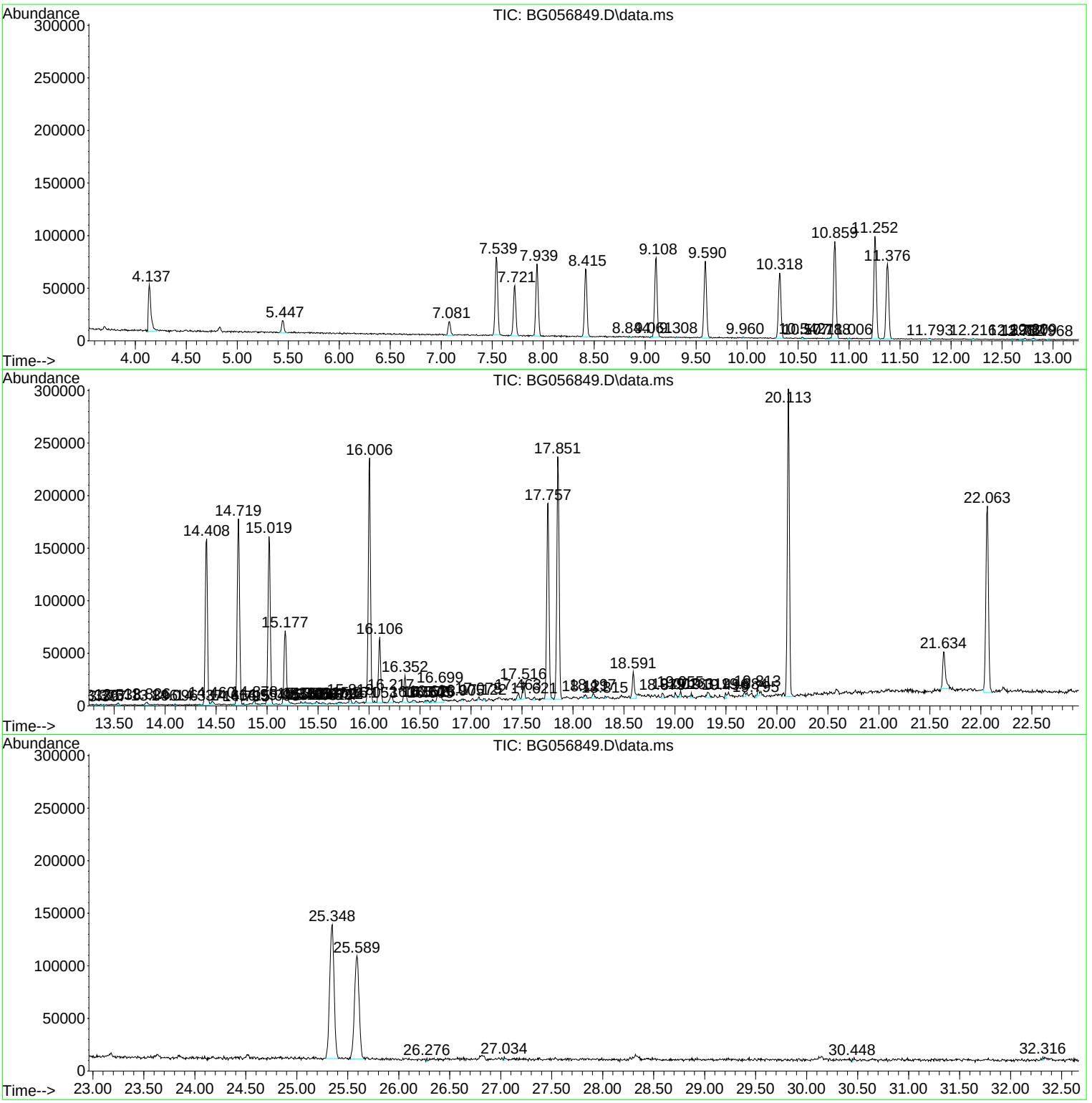
Sum of corrected areas: 5163081

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056849.D
Acq On : 6 Mar 2023 20:11
Operator : CG/JU
Sample : 01712-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056849.D
Acq On : 6 Mar 2023 20:11
Operator : CG/JU
Sample : 01712-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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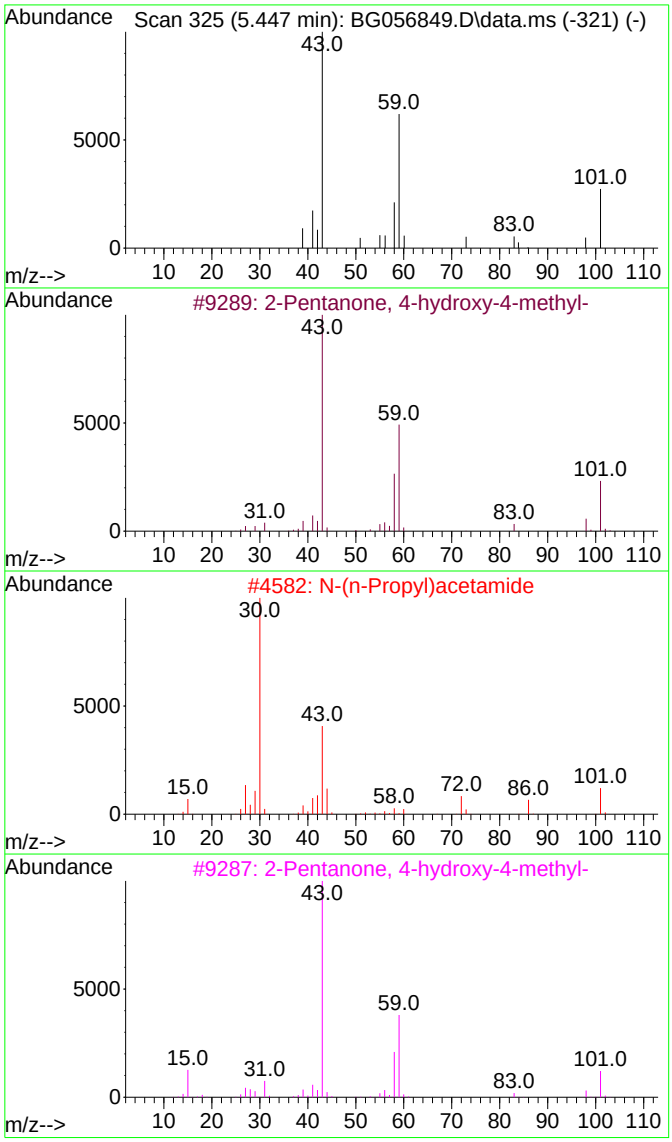
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

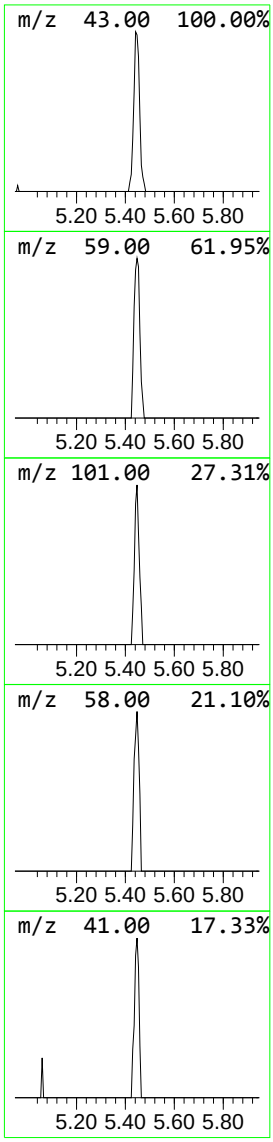
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.447	3.47 ng/ul	18780	1,4-Dichlorobenzene-d4	8.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	N-(n-Propyl)acetamide	101	C5H11NO	005331-48-6	35
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25
5	3-Methylpenta-1,4-diene-3-ol	98	C6H10O	000918-86-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056849.D
Acq On : 6 Mar 2023 20:11
Operator : CG/JU
Sample : 01712-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW9

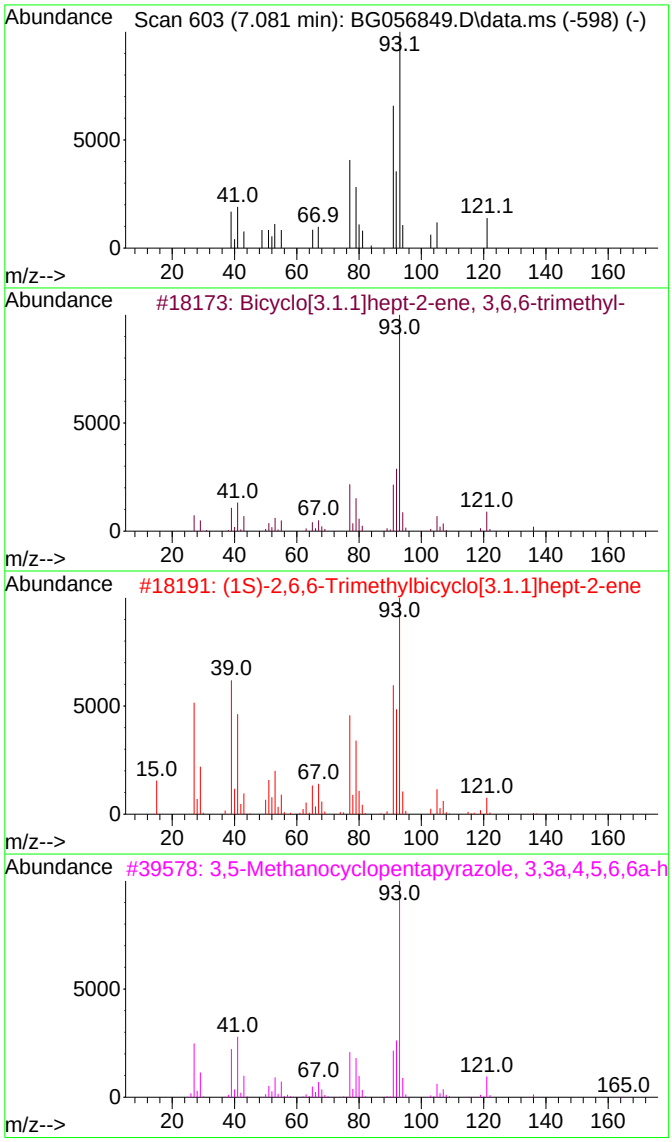
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

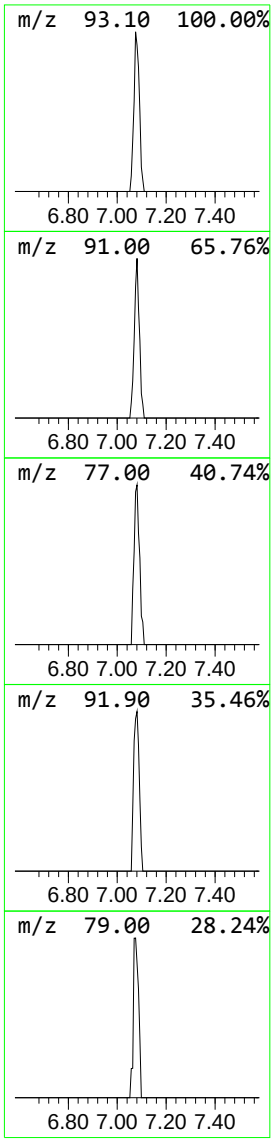
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	4.11 ng/ul	22215	1,4-Dichlorobenzene-d4	8.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	83
2	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	78
3	3,5-Methanocyclopentapyrazole, 3...	164	C10H16N2	087143-58-6	64
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	59
5	trans-.beta.-Ocimene	136	C10H16	003779-61-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056849.D
Acq On : 6 Mar 2023 20:11
Operator : CG/JU
Sample : 01712-05
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Instrument :
BNA_G
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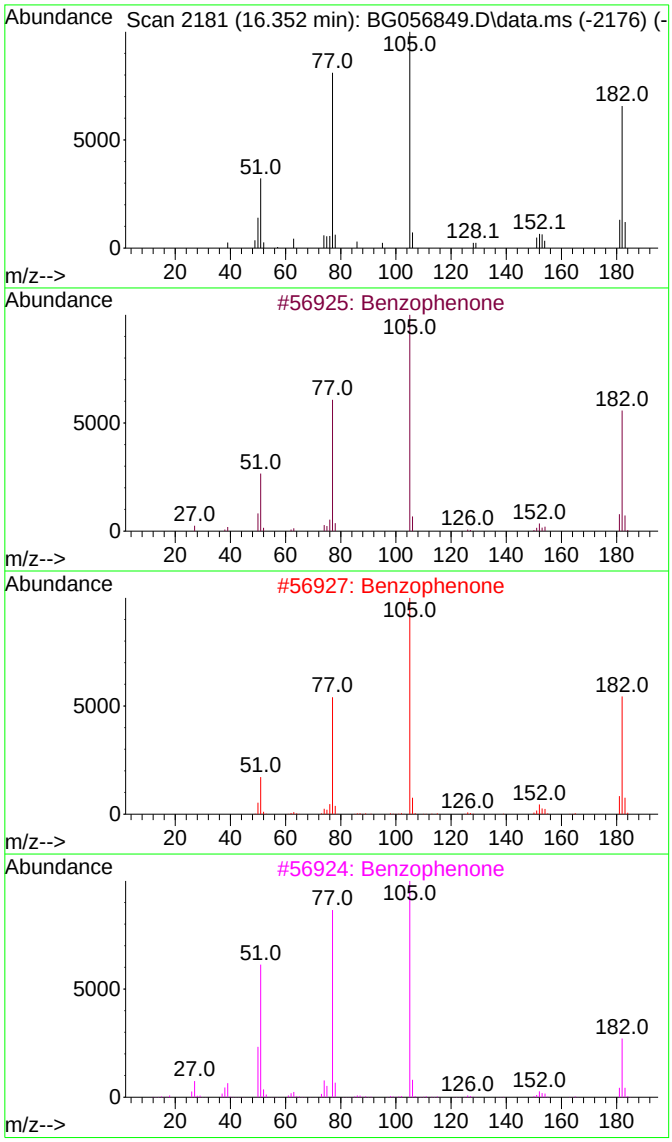
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

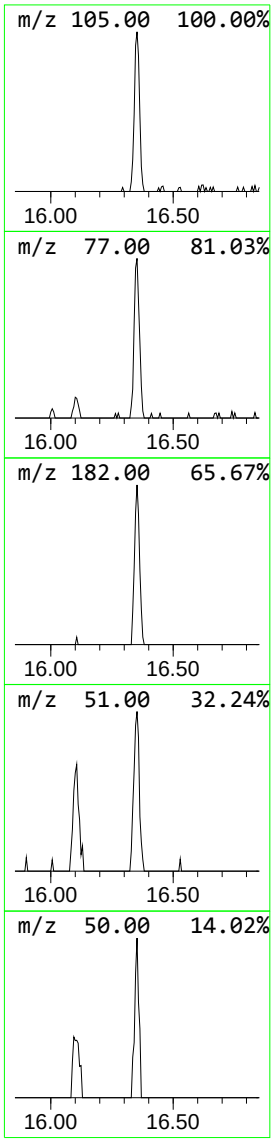
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.352	3.02 ng/ul	37476	Acenaphthene-d10	15.019

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	93
4	Benzophenone	182	C13H10O	000119-61-9	87
5	Benzophenone	182	C13H10O	000119-61-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056849.D
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Operator : CG/JU
Sample : 01712-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW9

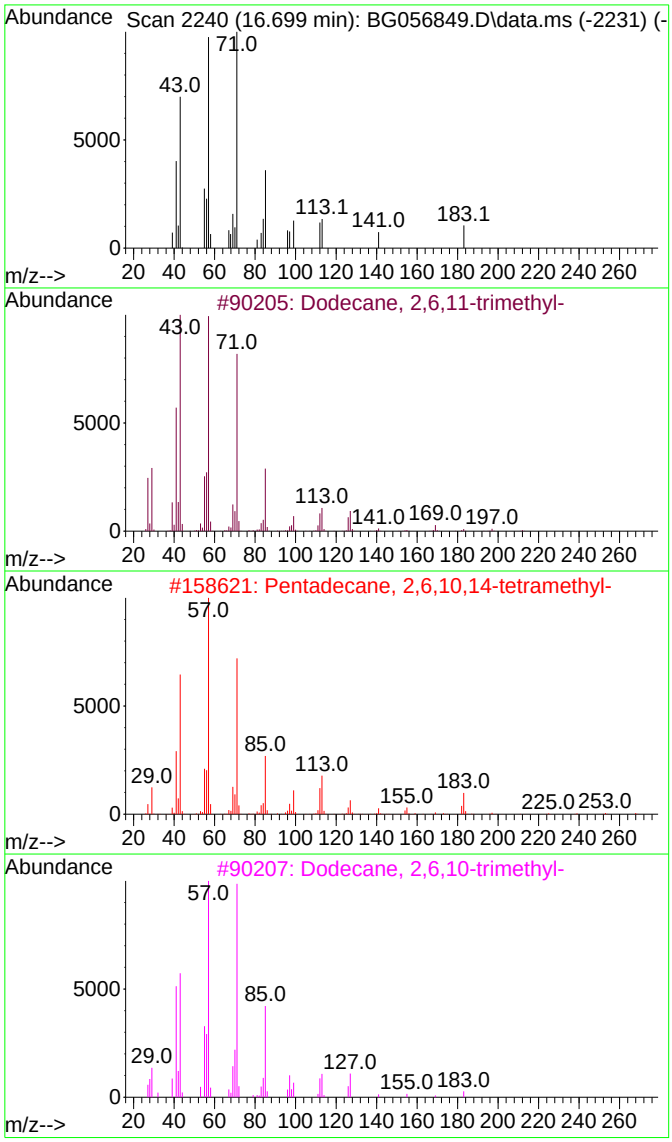
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

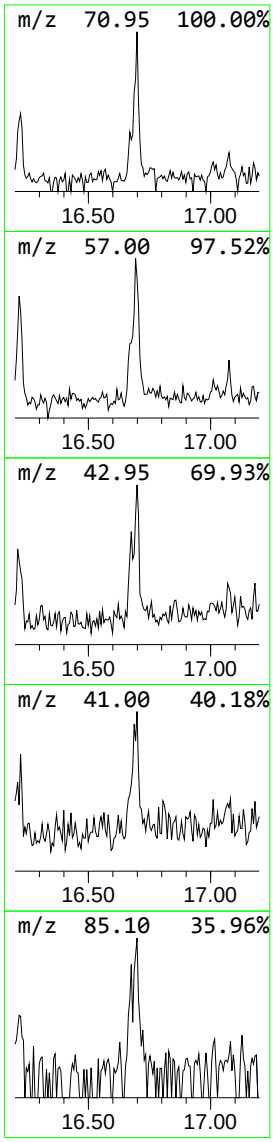
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.699	2.29 ng/ul	33395	Phenanthrene-d10	17.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
5	Tridecane	184	C13H28	000629-50-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056849.D
Acq On : 6 Mar 2023 20:11
Operator : CG/JU
Sample : 01712-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

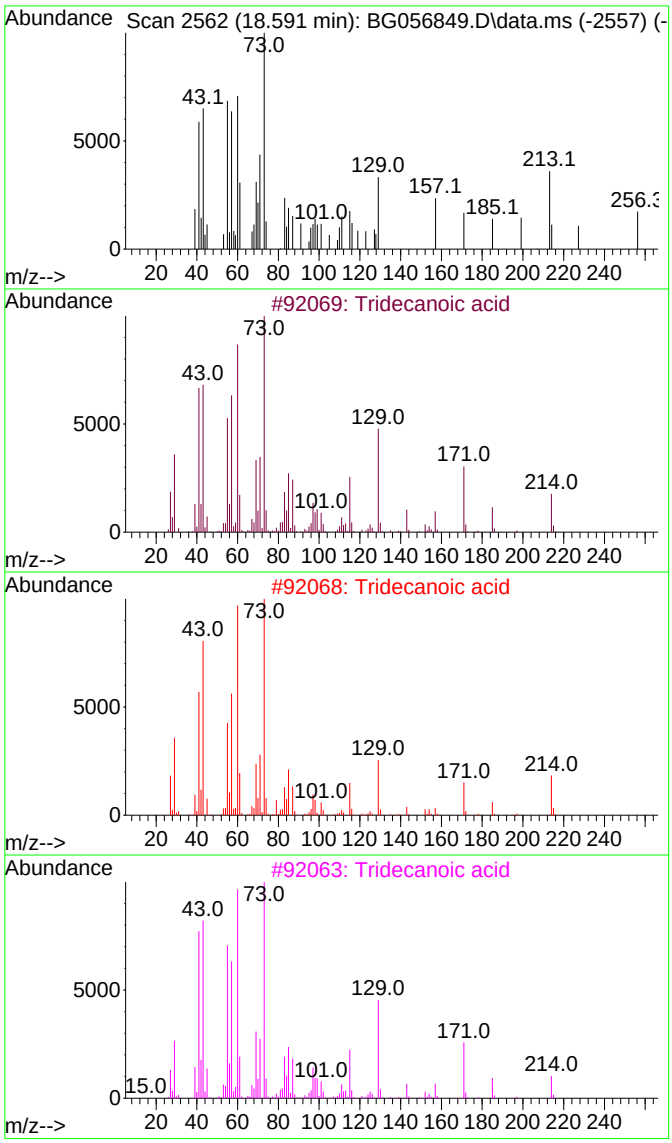
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

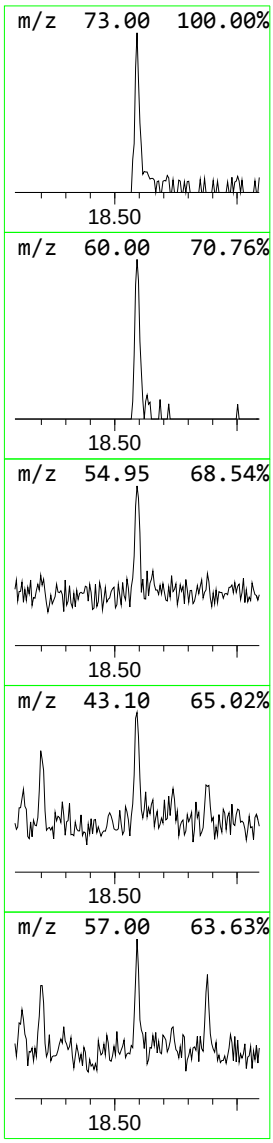
****

Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.591	2.57 ng/ul	37581	Phenanthrene-d10	17.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056849.D
Acq On : 6 Mar 2023 20:11
Operator : CG/JU
Sample : 01712-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW9

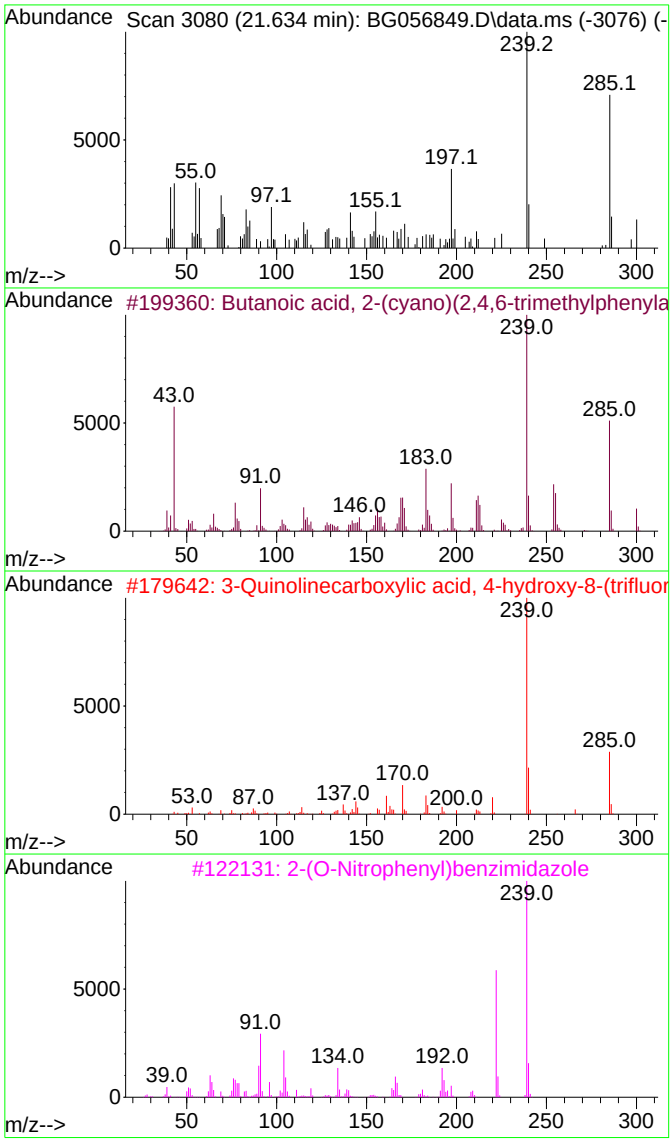
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

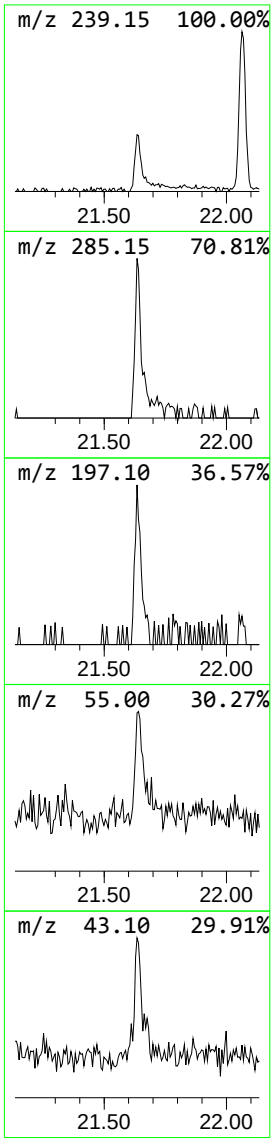
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Butanoic acid, 2-(cyano)(2,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.634	4.22 ng/ul	65924	Chrysene-d12	22.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	78
2	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	64
3	2-(O-Nitrophenyl)benzimidazole	239	C13H9N3O2	002208-58-4	46
4	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	45
5	4-Amino-2-(5-methyl-2-benzimidaz...	239	C14H13N3O	1000258-88-5	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056849.D
Acq On : 6 Mar 2023 20:11
Operator : CG/JU
Sample : 01712-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.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
2-Pentanone, 4-...	5.447	3.5	ng/ul	18780	1	8.415	108219	20.0
Bicyclo[3.1.1]h...	7.081	4.1	ng/ul	22215	1	8.415	108219	20.0
Benzophenone	16.352	3.0	ng/ul	37476	3	15.019	248010	20.0
(DEL) Alkane: S...	16.699	2.3	ng/ul	33395	4	17.757	291965	20.0
Tridecanoic acid	18.591	2.6	ng/ul	37581	4	17.757	291965	20.0
Butanoic acid, ...	21.634	4.2	ng/ul	65924	5	22.063	312250	20.0