LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012155.D
Acq On : 15 Oct 2022 01:35
Operator : CG/JU
Sample : N4984-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGNM2

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-BP101122.M
Title : SVOA CALIBRATION

Signal : TIC: BP012155.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	119	121	129	rBV	92862	138804	2.01%	0.182%
2	5.840	482	485	491	rVB	40547	58088	0.84%	0.076%
3	7.011	677	684	698	rVB	997672	1674954	24.31%	2.201%
4	7.175	706	712	727	rVB	899063	1431068	20.77%	1.881%
5	7.369	739	745	755	rBV	1059583	1675592	24.32%	2.202%
6	7.452	756	759	761	rVV	25752	34912	0.51%	0.046%
7	7.481	762	764	771	rVB	28225	39839	0.58%	0.052%
8	7.840	816	825	833	rBV	853704	1364391	19.80%	1.793%
9	8.558	940	947	957	rBV	1092430	1866167	27.08%	2.453%
10	8.675	962	967	975	rVB2	24608	43864	0.64%	0.058%
11	9.010	1016	1024	1030	rVV	937871	1563173	22.69%	2.054%
12	9.057	1030	1032	1040	rVB2	30370	46877	0.68%	0.062%
13	9.728	1138	1146	1159	rBV	696571	1208571	17.54%	1.588%
14	10.269	1230	1238	1258	rVB	1109814	1935572	28.09%	2.544%
15	10.428	1259	1265	1287	rBV	306355	607225	8.81%	0.798%
16	10.646	1291	1302	1308	rVV	1164725	1990060	28.88%	2.615%
17	10.693	1308	1310	1319	rVV	106945	160452	2.33%	0.211%
18	10.793	1319	1327	1349	rVB	789774	1459493	21.18%	1.918%
19	11.663	1470	1475	1482	rBV	25282	40458	0.59%	0.053%
20	12.063	1537	1543	1549	rBV	50532	76290	1.11%	0.100%
21	12.181	1552	1563	1568	rBV	32092	66624	0.97%	0.088%
22	12.240	1568	1573	1578	rVV	19592	36465	0.53%	0.048%
23	12.310	1579	1585	1594	rVB	116003	189002	2.74%	0.248%
24	12.528	1617	1622	1631	rVV	97523	159585	2.32%	0.210%
25	13.016	1700	1705	1712	rVV3	21772	36361	0.53%	0.048%
26	13.304	1745	1754	1763	rBV2	68678	133900	1.94%	0.176%
27	13.651	1806	1813	1814	rBV2	37484	53999	0.78%	0.071%
28	13.810	1834	1840	1845	rBV	86598	156913	2.28%	0.206%
29	13.863	1845	1849	1851	rVV	78099	114000	1.65%	0.150%
30	13.904	1851	1856	1863	rVV	1771734	2491819	36.16%	3.275%
31	13.963	1863	1866	1870	rVV	45275	67516	0.98%	0.089%
32	14.045	1876	1880	1883	rVV2	55274	81292	1.18%	0.107%
33	14.081	1883	1886	1891	rVB2	26772	36261	0.53%	0.048%
34	14.181	1897	1903	1917	rVB	2283686	3509698	50.93%	4.613%
35	14.381	1932	1937	1944	rBV	64358	83939	1.22%	0.110%
36	14.487	1944	1955	1962	rBV	1516793	2380039	34.54%	3.128%

LSC Area Percent Report

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Data File : BP012155.D
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Operator : CG/JU
Sample : N4984-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNM2

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-BP101122.M
Title : SVOA CALIBRATION

37	14.551	1962	1966	1974	rVB	73541	132637	1.92%	0.174%
38	14.704	1986	1992	2003	rBV	646664	1093193	15.87%	1.437%
39	14.887	2018	2023	2032	rBV	116885	214751	3.12%	0.282%
40	14.963	2032	2036	2040	rVB2	39693	54129	0.79%	0.071%
41	15.110	2056	2061	2065	rBV	41762	67862	0.98%	0.089%
42	15.163	2065	2070	2074	rVB	41501	56848	0.83%	0.075%
43	15.281	2081	2090	2093	rBV3	60628	116637	1.69%	0.153%
44	15.316	2093	2096	2097	rVV2	35484	47310	0.69%	0.062%
45	15.334	2097	2099	2104	rVB	71789	83168	1.21%	0.109%
46	15.487	2118	2125	2130	rVV	3096539	4233303	61.44%	5.564%
47	15.534	2130	2133	2139	rVV4	147852	242536	3.52%	0.319%
48	15.610	2141	2146	2154	rVV	436068	640031	9.29%	0.841%
49	15.710	2158	2163	2164	rVV4	24512	43774	0.64%	0.058%
50	15.745	2166	2169	2175	rVV3	40952	76662	1.11%	0.101%
51	15.839	2179	2185	2191	rVV	83317	148470	2.15%	0.195%
52	15.951	2200	2204	2206	rVV3	29457	49709	0.72%	0.065%
53	15.981	2206	2209	2217	rVV	93868	194253	2.82%	0.255%
54	16.075	2217	2225	2231	rVB2	38496	90067	1.31%	0.118%
55	16.222	2242	2250	2256	rBV3	127623	299048	4.34%	0.393%
56	16.357	2268	2273	2276	rBV2	22126	34277	0.50%	0.045%
57	16.545	2296	2305	2311	rBV6	32451	92554	1.34%	0.122%
58	16.781	2338	2345	2349	rBV3	89253	180398	2.62%	0.237%
59	16.816	2349	2351	2355	rVB3	40367	50972	0.74%	0.067%
60	16.904	2362	2366	2372	rBV2	65096	107164	1.56%	0.141%
61	16.998	2379	2382	2387	rVB	86411	107083	1.55%	0.141%
62	17.069	2389	2394	2402	rVB3	67343	143230	2.08%	0.188%
63	17.251	2419	2425	2429	rBV	1997288	2879668	41.79%	3.785%
64	17.292	2429	2432	2436	rVV	1014731	1324614	19.22%	1.741%
65	17.351	2436	2442	2453	rVV	3298278	4910041	71.26%	6.453%
66	17.445	2453	2458	2462	rVB4	33143	62411	0.91%	0.082%
67	17.663	2488	2495	2503	rBV	112834	241394	3.50%	0.317%
68	17.739	2505	2508	2512	rVB	90379	109161	1.58%	0.143%
69	17.916	2534	2538	2544	rVB2	76717	94137	1.37%	0.124%
70	18.133	2568	2575	2577	rVV2	265631	505120	7.33%	0.664%
71	18.163	2577	2580	2586	rVV	315974	460726	6.69%	0.606%
72	18.239	2590	2593	2597	rVV	60956	93062	1.35%	0.122%
73	18.304	2599	2604	2608	rVV2	192253	377859	5.48%	0.497%
74	18.339	2608	2610	2616	rVB	143813	180432	2.62%	0.237%
75	18.416	2619	2623	2627	rVV	147731	172940	2.51%	0.227%
76	18.457	2627	2630	2634	rVB4	30722	38172	0.55%	0.050%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012155.D
Acq On : 15 Oct 2022 01:35
Operator : CG/JU
Sample : N4984-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNM2

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-BP101122.M
Title : SVOA CALIBRATION

77	18.604	2651	2655	2659	rBV	106681	143577	2.08%	0.189%
78	18.645	2659	2662	2668	rVB2	98676	129751	1.88%	0.171%
79	18.839	2692	2695	2700	rBV2	51739	71606	1.04%	0.094%
80	18.886	2701	2703	2706	rVV	56793	67483	0.98%	0.089%
81	18.922	2707	2709	2713	rVB2	53026	62279	0.90%	0.082%
82	19.004	2719	2723	2724	rBV	148300	180022	2.61%	0.237%
83	19.022	2724	2726	2730	rVB	157831	190311	2.76%	0.250%
84	19.092	2736	2738	2742	rVB	86567	96995	1.41%	0.127%
85	19.139	2742	2746	2748	rBV2	95261	139028	2.02%	0.183%
86	19.263	2762	2767	2773	rVB	1330277	1747620	25.36%	2.297%
87	19.369	2780	2785	2790	rBV4	195452	321050	4.66%	0.422%
88	19.586	2817	2822	2826	rBV	4978203	6890550	100.00%	9.056%
89	19.686	2835	2839	2845	rVB2	113516	186172	2.70%	0.245%
90	19.922	2876	2879	2881	rBV	87047	118875	1.73%	0.156%
91	20.104	2906	2910	2914	rVB3	309302	400670	5.81%	0.527%
92	20.586	2989	2992	2997	rBV	258394	296785	4.31%	0.390%
93	21.045	3066	3070	3079	rVB4	612432	914423	13.27%	1.202%
94	21.339	3114	3120	3124	rBV2	3024053	4571562	66.35%	6.008%
95	21.374	3124	3126	3135	rVB	589649	761121	11.05%	1.000%
96	21.480	3141	3144	3154	rVB2	303080	412018	5.98%	0.541%
97	22.445	3305	3308	3313	rVB	263853	334940	4.86%	0.440%
98	23.016	3400	3405	3411	rBV2	455855	1079114	15.66%	1.418%
99	23.598	3498	3504	3510	rBV2	3216784	6320459	91.73%	8.307%
100	23.757	3525	3531	3538	rBV2	1890251	3589838	52.10%	4.718%

Sum of corrected areas: 76089315

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
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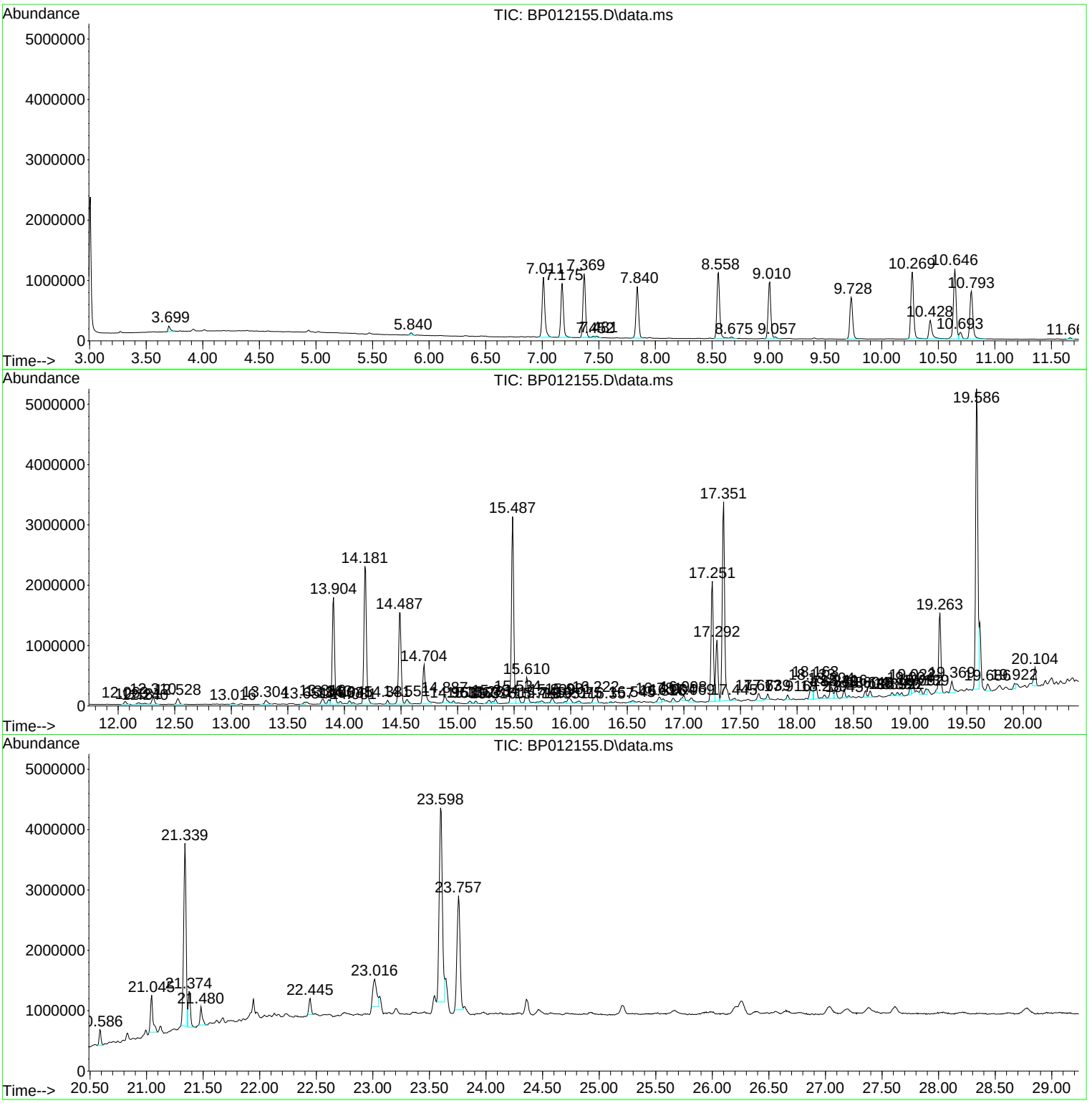
Sample : N4984-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012155.D
Acq On : 15 Oct 2022 01:35
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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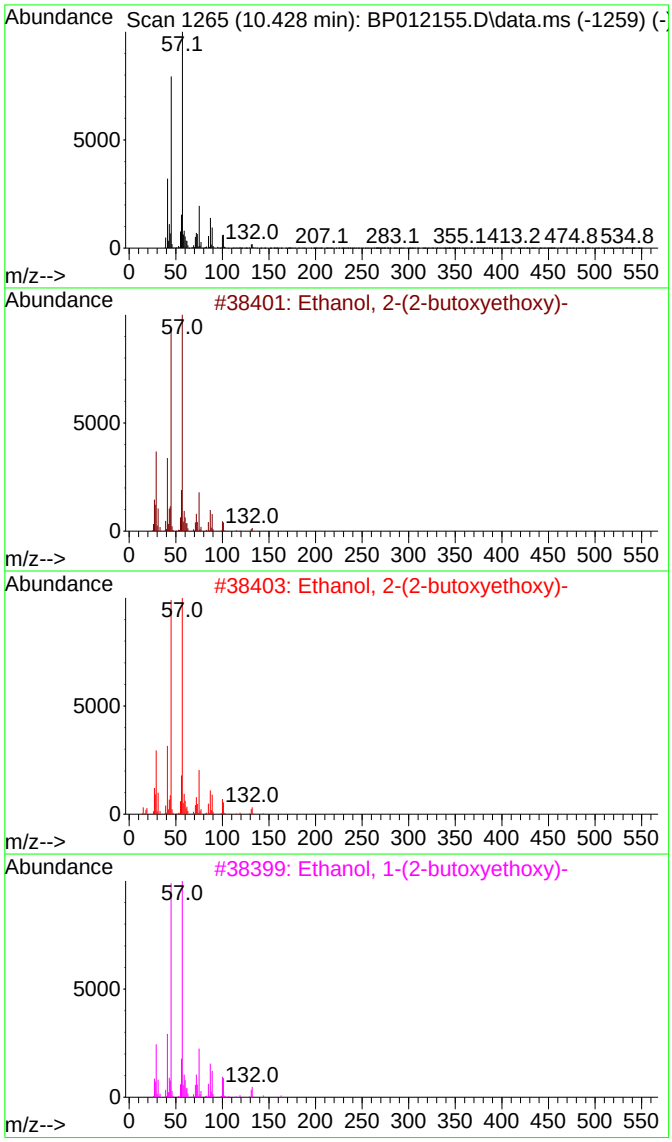
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

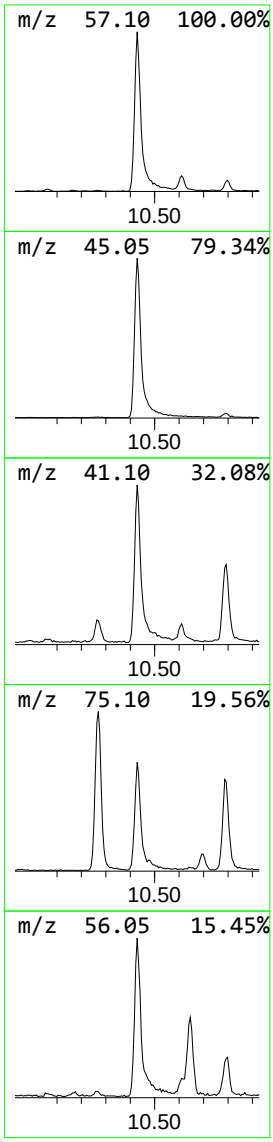
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	6.10 ng/ul	607225	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012155.D
Acq On : 15 Oct 2022 01:35
Operator : CG/JU
Sample : N4984-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNM2

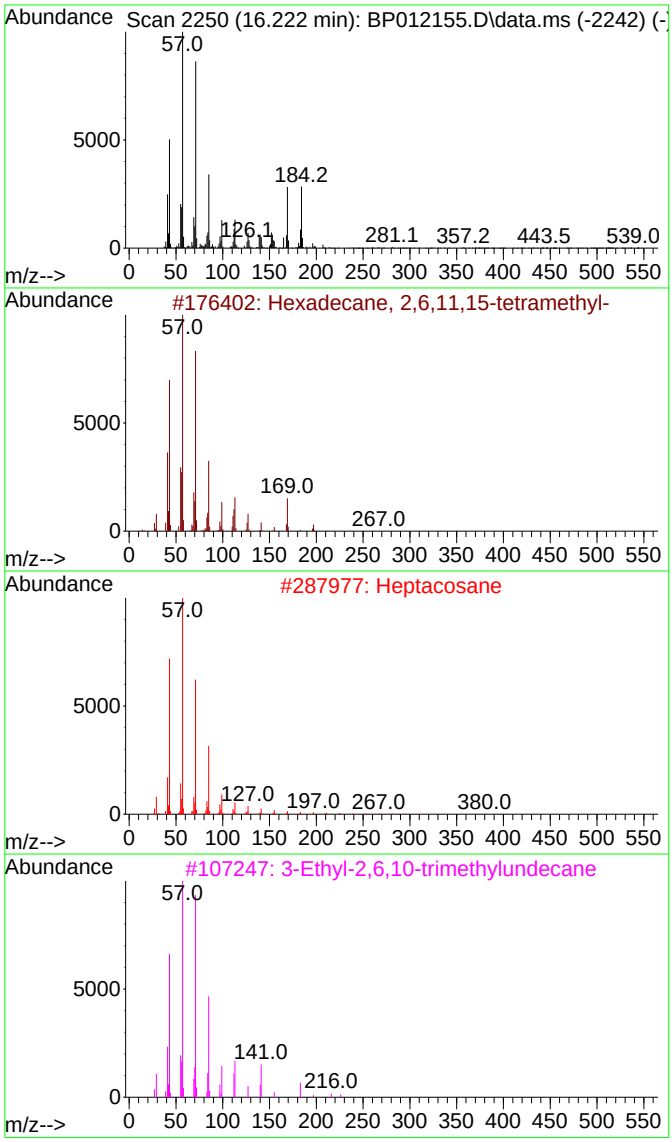
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

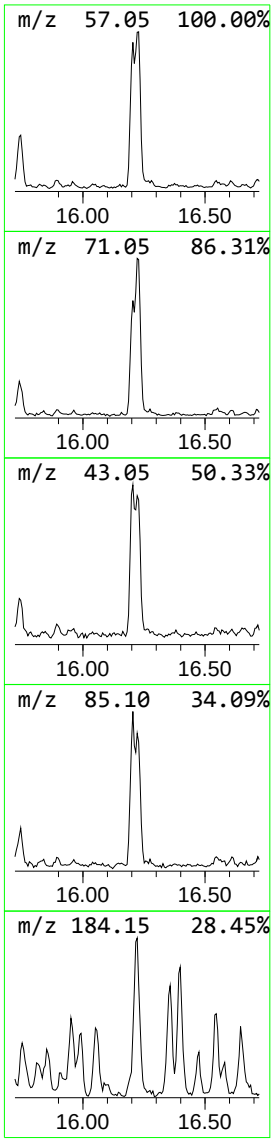
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.222	2.08 ng/ul	299048	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	81
2	Heptacosane	380	C27H56	000593-49-7	58
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	58
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
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Acq On : 15 Oct 2022 01:35
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Sample : N4984-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNM2

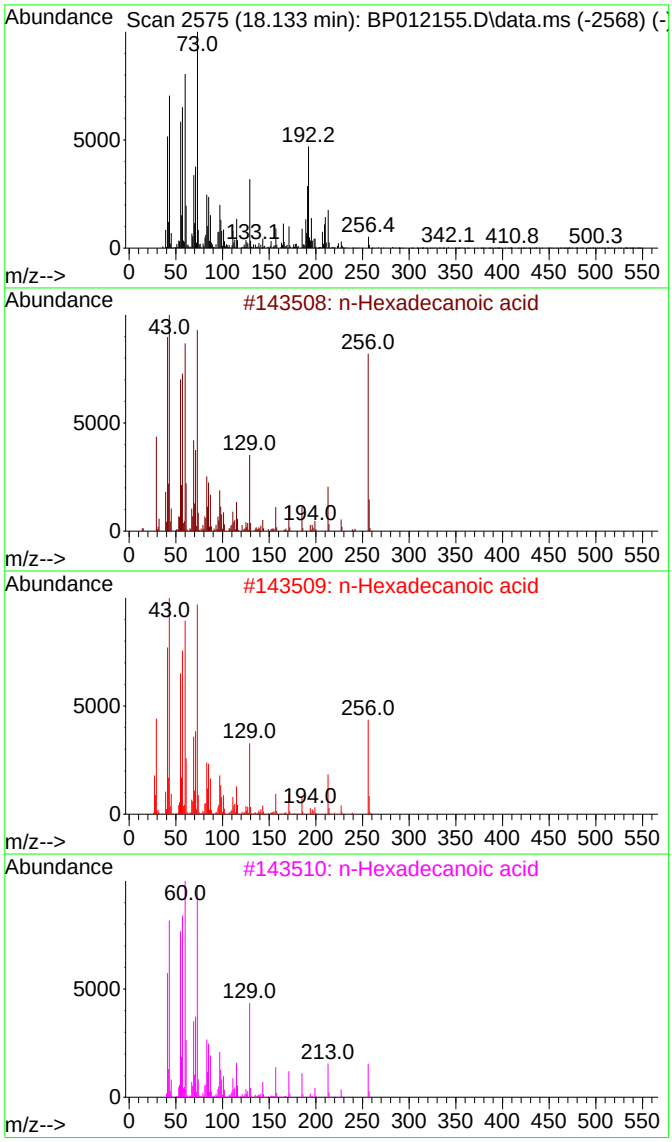
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

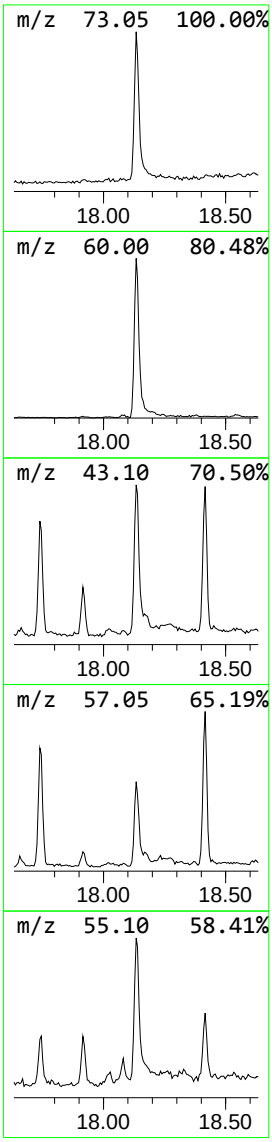
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	3.51 ng/ul	505120	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	78





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Acq On : 15 Oct 2022 01:35
Operator : CG/JU
Sample : N4984-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNM2

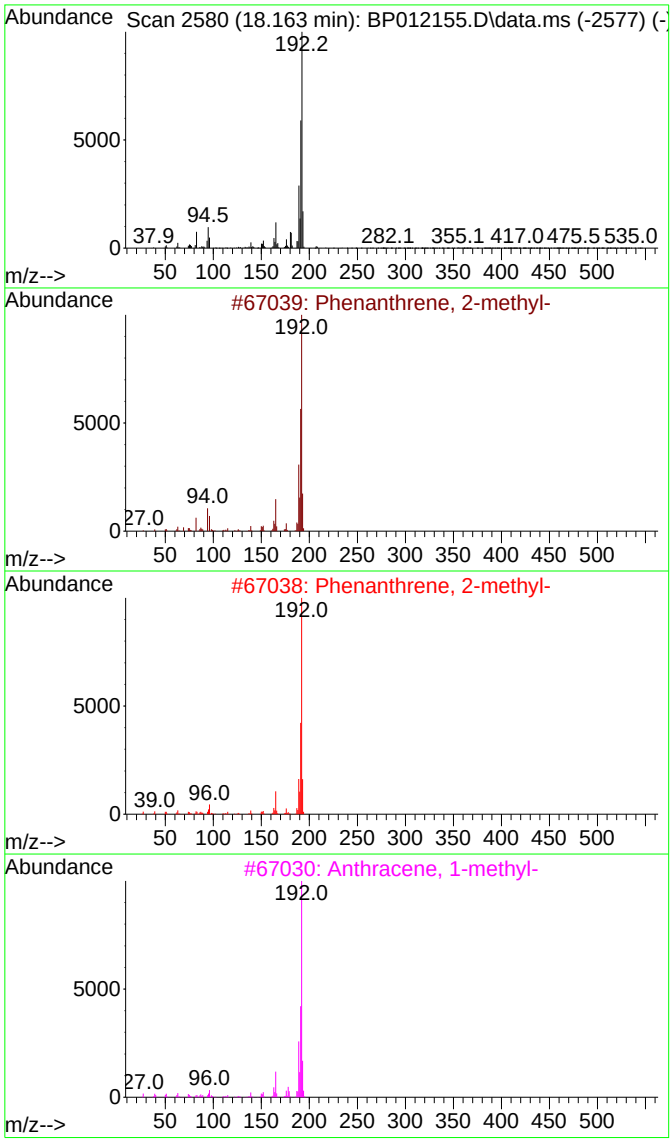
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

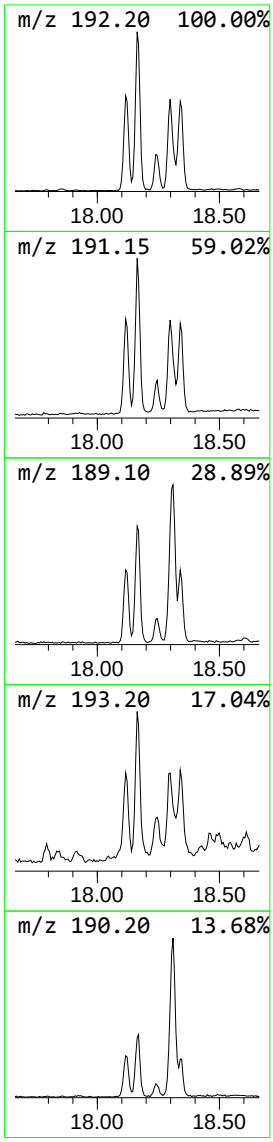
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	3.20 ng/ul	460726	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012155.D
Acq On : 15 Oct 2022 01:35
Operator : CG/JU
Sample : N4984-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNM2

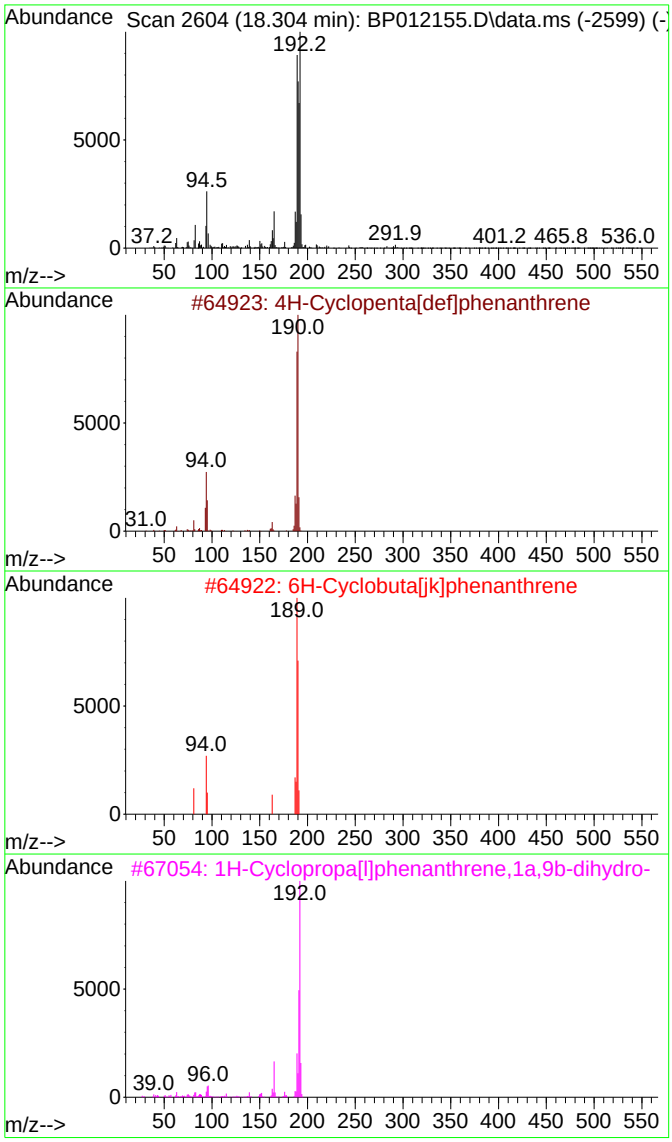
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

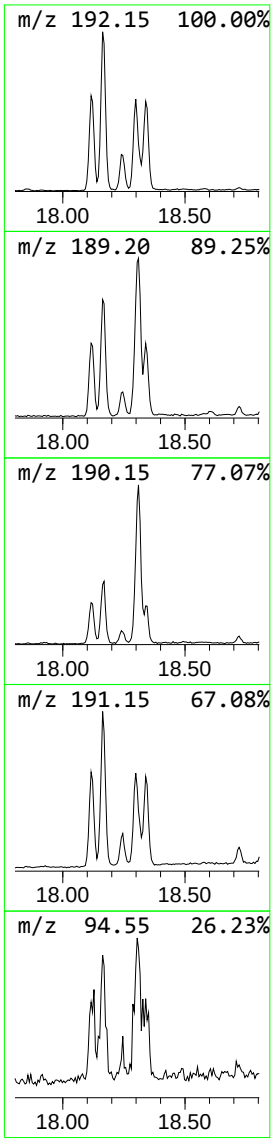
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	2.62 ng/ul	377859	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012155.D
Acq On : 15 Oct 2022 01:35
Operator : CG/JU
Sample : N4984-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNM2

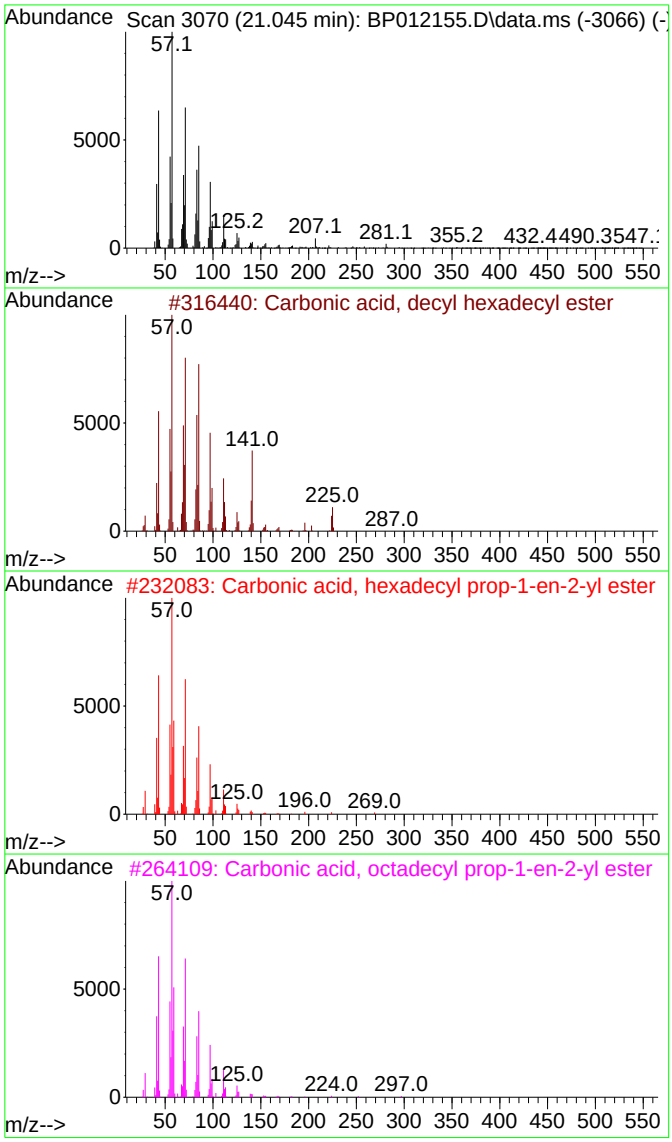
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION

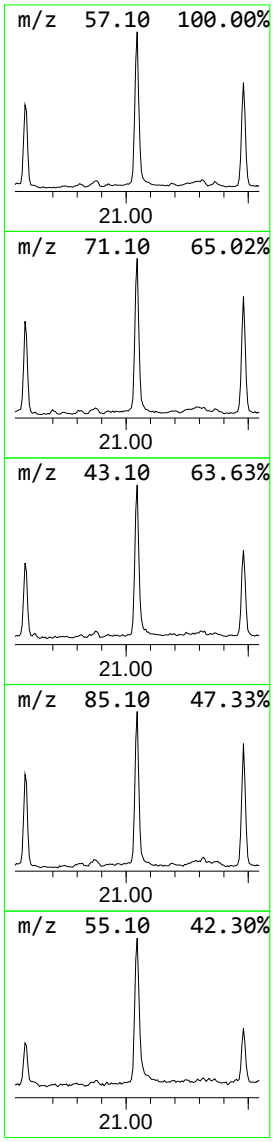
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Carbonic acid, decyl hexade... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	4.00 ng/ul	914423	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, decyl hexadecyl e...	426	C27H54O3	1000383-16-5	91
2	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
4	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	91
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012155.D
Acq On : 15 Oct 2022 01:35
Operator : CG/JU
Sample : N4984-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGNM2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.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
Ethanol, 2-(2-b...	10.428	6.1	ng/ul	607225	2	10.646	1990060	20.0
(DEL) Alkane: S...	16.222	2.1	ng/ul	299048	4	17.251	2879670	20.0
n-Hexadecanoic ...	18.134	3.5	ng/ul	505120	4	17.251	2879670	20.0
Phenanthrene, 2...	18.163	3.2	ng/ul	460726	4	17.251	2879670	20.0
4H-Cyclopenta[d...	18.304	2.6	ng/ul	377859	4	17.251	2879670	20.0
Carbonic acid, ...	21.045	4.0	ng/ul	914423	5	21.339	4571560	20.0