LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049496.D
Acq On : 29 Jan 2025 09:45
Operator : RC/JU
Sample : Q1139-06MEDL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCZH3MEDL

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_M\Methods\SFAM-EPA-BM012825.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM049496.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.516	86	90	102	rBV	75423	135391	4.20%	0.510%
2	6.710	627	633	649	rVB	68479	142544	4.42%	0.537%
3	6.863	654	659	670	rVB	68618	115351	3.57%	0.434%
4	7.051	686	691	703	rVB	82074	138333	4.29%	0.521%
5	7.510	762	769	781	rBV	493753	783431	24.28%	2.951%
6	7.875	826	831	838	rVB4	13699	27376	0.85%	0.103%
7	8.045	854	860	865	rBV3	8716	18010	0.56%	0.068%
8	8.228	886	891	899	rBV	70648	136480	4.23%	0.514%
9	8.657	959	964	975	rVV	61669	123005	3.81%	0.463%
10	9.369	1079	1085	1095	rBV	43119	80687	2.50%	0.304%
11	9.686	1134	1139	1144	rBV7	6643	11180	0.35%	0.042%
12	9.916	1172	1178	1188	rBV2	67446	145656	4.51%	0.549%
13	10.269	1230	1238	1242	rBV	612489	1002724	31.07%	3.777%
14	10.322	1242	1247	1257	rVV	1073240	1747443	54.15%	6.582%
15	10.433	1259	1266	1281	rVB3	77282	181407	5.62%	0.683%
16	11.939	1512	1522	1534	rBV	364450	611275	18.94%	2.302%
17	12.063	1537	1543	1547	rBV7	5543	11138	0.35%	0.042%
18	12.163	1551	1560	1569	rBV	168834	293021	9.08%	1.104%
19	12.980	1692	1699	1711	rBV	116295	197700	6.13%	0.745%
20	13.174	1727	1732	1742	rVB	34080	64270	1.99%	0.242%
21	13.327	1749	1758	1764	rBV5	38662	106012	3.29%	0.399%
22	13.469	1774	1782	1787	rBV2	59959	110163	3.41%	0.415%
23	13.527	1787	1792	1795	rVV	37100	55742	1.73%	0.210%
24	13.574	1795	1800	1809	rVB	152216	226552	7.02%	0.853%
25	13.710	1818	1823	1827	rBV3	24546	40105	1.24%	0.151%
26	13.839	1839	1845	1849	rBV	191706	294487	9.13%	1.109%
27	14.151	1891	1898	1904	rVV	867201	1303257	40.39%	4.909%
28	14.216	1904	1909	1918	rVV	392624	593762	18.40%	2.236%
29	14.292	1918	1922	1930	rVB	19343	34683	1.07%	0.131%
30	14.368	1930	1935	1939	rBV5	8549	18536	0.57%	0.070%
31	14.416	1939	1943	1945	rVV5	6779	12211	0.38%	0.046%
32	14.463	1947	1951	1958	rVV3	17652	30412	0.94%	0.115%
33	14.557	1958	1967	1978	rVV	421692	650715	20.16%	2.451%
34	14.639	1978	1981	1986	rVB5	14467	19308	0.60%	0.073%
35	14.780	1999	2005	2011	rVV6	8610	15403	0.48%	0.058%
36	14.833	2011	2014	2021	rVB4	10655	14687	0.46%	0.055%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049496.D
Acq On : 29 Jan 2025 09:45
Operator : RC/JU
Sample : Q1139-06MEDL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3MEDL

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_M\Methods\SFAM-EPA-BM012825.MA.M
Title : SVOA CALIBRATION

37	15.151	2063	2068	2073	rVV	259420	362129	11.22%	1.364%
38	15.210	2073	2078	2084	rVV2	307400	450262	13.95%	1.696%
39	15.286	2087	2091	2096	rVV4	30501	66172	2.05%	0.249%
40	15.333	2096	2099	2102	rVV3	23437	35777	1.11%	0.135%
41	15.374	2102	2106	2111	rVV	38739	59561	1.85%	0.224%
42	15.457	2116	2120	2124	rVV	25520	38973	1.21%	0.147%
43	15.510	2124	2129	2138	rVB2	69981	133154	4.13%	0.502%
44	15.657	2148	2154	2162	rBV	65126	138181	4.28%	0.520%
45	15.739	2163	2168	2178	rVB4	15211	28745	0.89%	0.108%
46	15.892	2189	2194	2199	rBV6	12538	26060	0.81%	0.098%
47	16.174	2238	2242	2244	rBV3	7913	12154	0.38%	0.046%
48	16.215	2245	2249	2254	rVV4	22572	43574	1.35%	0.164%
49	16.262	2254	2257	2263	rVB4	13262	18339	0.57%	0.069%
50	16.362	2269	2274	2279	rVB6	10080	18704	0.58%	0.070%
51	16.415	2279	2283	2286	rBV3	7679	11349	0.35%	0.043%
52	16.445	2286	2288	2292	rVV3	15914	22716	0.70%	0.086%
53	16.486	2292	2295	2299	rVV3	21220	32377	1.00%	0.122%
54	16.562	2303	2308	2317	rVV	72326	113717	3.52%	0.428%
55	16.645	2317	2322	2328	rVV5	19786	48086	1.49%	0.181%
56	16.721	2328	2335	2348	rVB	136204	224105	6.94%	0.844%
57	16.904	2359	2366	2369	rBV	1020942	1413178	43.79%	5.323%
58	16.945	2369	2373	2379	rVV	2465412	3227078	100.00%	12.155%
59	17.004	2379	2383	2386	rVV2	279110	432821	13.41%	1.630%
60	17.033	2386	2388	2397	rVV	137162	205874	6.38%	0.775%
61	17.104	2397	2400	2406	rVB5	9918	17664	0.55%	0.067%
62	17.315	2428	2436	2442	rBV2	50813	98732	3.06%	0.372%
63	17.433	2451	2456	2461	rBV3	28920	40208	1.25%	0.151%
64	17.492	2461	2466	2473	rVB3	12972	22748	0.70%	0.086%
65	17.627	2486	2489	2497	rVB6	11934	23062	0.71%	0.087%
66	17.780	2506	2515	2519	rVV	96167	139649	4.33%	0.526%
67	17.827	2519	2523	2530	rVV	140946	216736	6.72%	0.816%
68	17.909	2533	2537	2542	rVV	27621	46567	1.44%	0.175%
69	17.974	2542	2548	2552	rVV2	144120	236228	7.32%	0.890%
70	18.015	2552	2555	2562	rVB	49577	70133	2.17%	0.264%
71	18.133	2567	2575	2579	rBV8	7728	18466	0.57%	0.070%
72	18.186	2579	2584	2588	rBV6	5792	10330	0.32%	0.039%
73	18.292	2597	2602	2606	rVV	78245	110399	3.42%	0.416%
74	18.333	2606	2609	2614	rVB4	19621	28218	0.87%	0.106%
75	18.539	2641	2644	2648	rVV3	14713	19463	0.60%	0.073%
76	18.592	2649	2653	2656	rVV2	13004	17768	0.55%	0.067%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049496.D
Acq On : 29 Jan 2025 09:45
Operator : RC/JU
Sample : Q1139-06MEDL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCZH3MEDL

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_M\Methods\SFAM-EPA-BM012825.MA.M
Title : SVOA CALIBRATION

77	18.633	2656	2660	2663	rVB5	9178	12206	0.38%	0.046%
78	18.709	2669	2673	2677	rBV2	19837	33083	1.03%	0.125%
79	18.774	2679	2684	2687	rVV7	11490	18605	0.58%	0.070%
80	18.845	2693	2696	2699	rBV2	17219	25200	0.78%	0.095%
81	18.974	2712	2718	2726	rBV	1313445	1700567	52.70%	6.405%
82	19.080	2733	2736	2741	rVB4	12925	16005	0.50%	0.060%
83	19.121	2741	2743	2747	rVB3	9991	12248	0.38%	0.046%
84	19.215	2755	2759	2764	rVB	28956	44081	1.37%	0.166%
85	19.309	2769	2775	2777	rVV2	530595	760554	23.57%	2.865%
86	19.339	2777	2780	2788	rVV	811698	1054211	32.67%	3.971%
87	19.415	2790	2793	2801	rVB	29055	45664	1.42%	0.172%
88	19.527	2808	2812	2817	rBV	34745	48615	1.51%	0.183%
89	19.586	2819	2822	2827	rVB2	13478	17419	0.54%	0.066%
90	19.668	2831	2836	2837	rBV2	30043	42450	1.32%	0.160%
91	19.809	2855	2860	2862	rBV4	25732	45466	1.41%	0.171%
92	19.845	2862	2866	2871	rVB	63068	92186	2.86%	0.347%
93	19.945	2879	2883	2887	rBV	51779	63810	1.98%	0.240%
94	19.997	2888	2892	2896	rVV3	35492	52358	1.62%	0.197%
95	20.139	2913	2916	2920	rBV2	19711	22768	0.71%	0.086%
96	20.186	2920	2924	2928	rBV4	19379	33556	1.04%	0.126%
97	21.133	3078	3085	3090	rBV2	1345809	2035684	63.08%	7.667%
98	21.174	3090	3092	3101	rVB	169921	215213	6.67%	0.811%
99	23.721	3519	3525	3531	rBV	185855	388027	12.02%	1.462%
100	23.909	3550	3557	3580	rVB	807922	1997908	61.91%	7.525%

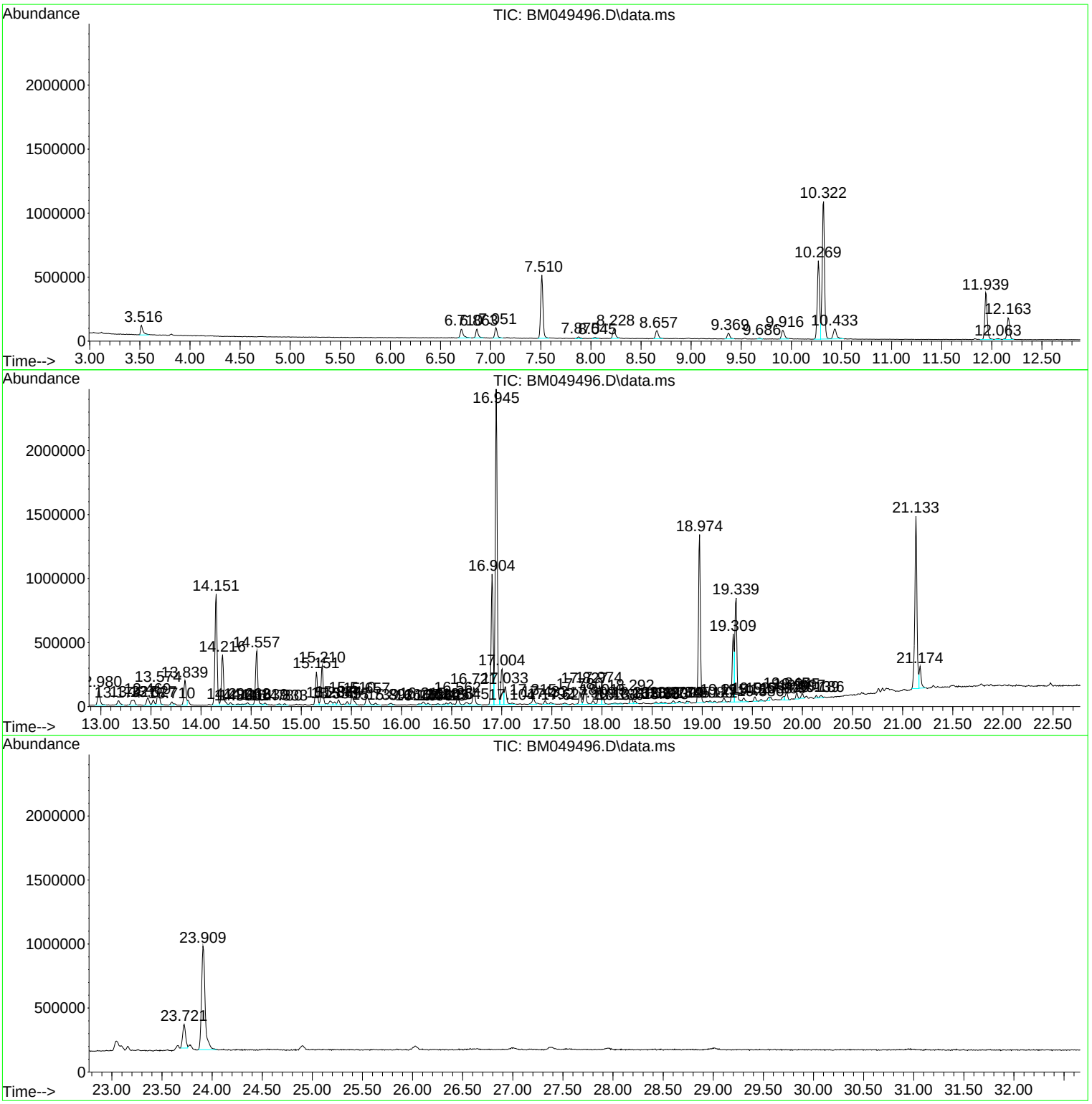
Sum of corrected areas: 26549798

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049496.D
Acq On : 29 Jan 2025 09:45
Operator : RC/JU
Sample : Q1139-06MEDL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049496.D
Acq On : 29 Jan 2025 09:45
Operator : RC/JU
Sample : Q1139-06MEDL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

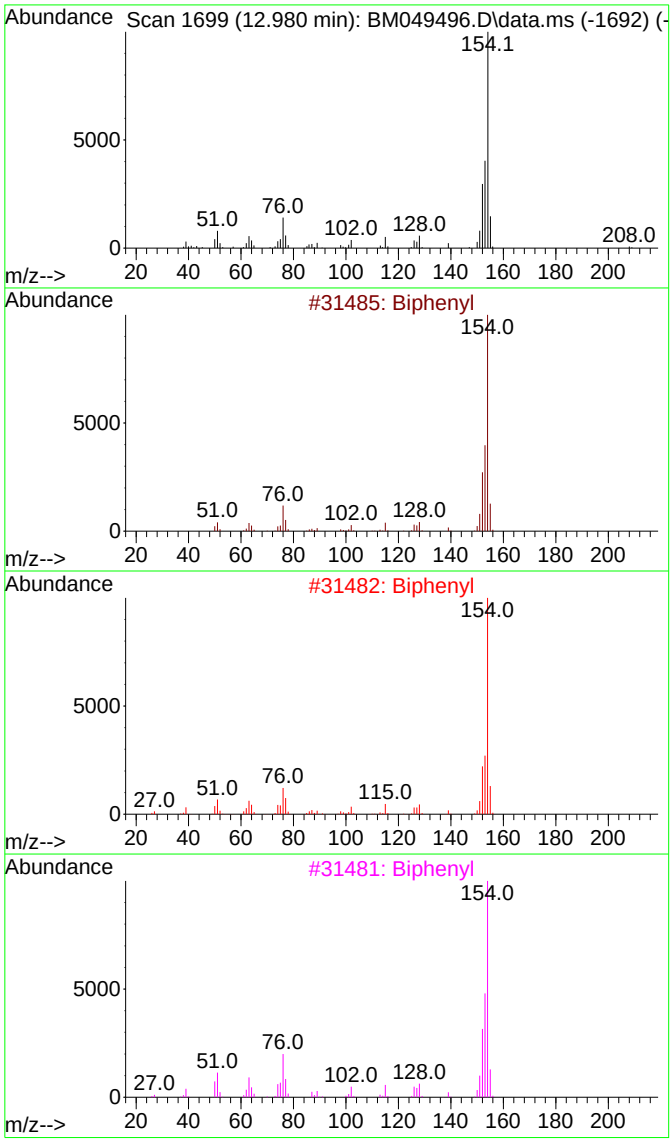
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

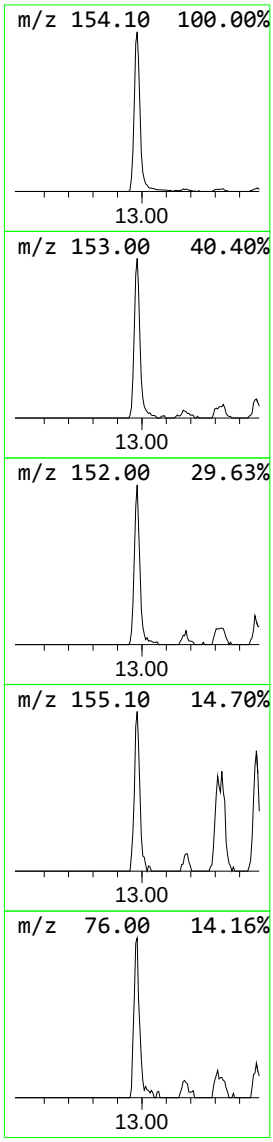
****

Peak Number 1 Biphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	3.03 ng/ul	197700	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	94
3	Biphenyl	154	C12H10	000092-52-4	93
4	Biphenyl	154	C12H10	000092-52-4	90
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049496.D
Acq On : 29 Jan 2025 09:45
Operator : RC/JU
Sample : Q1139-06MEDL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3MEDL

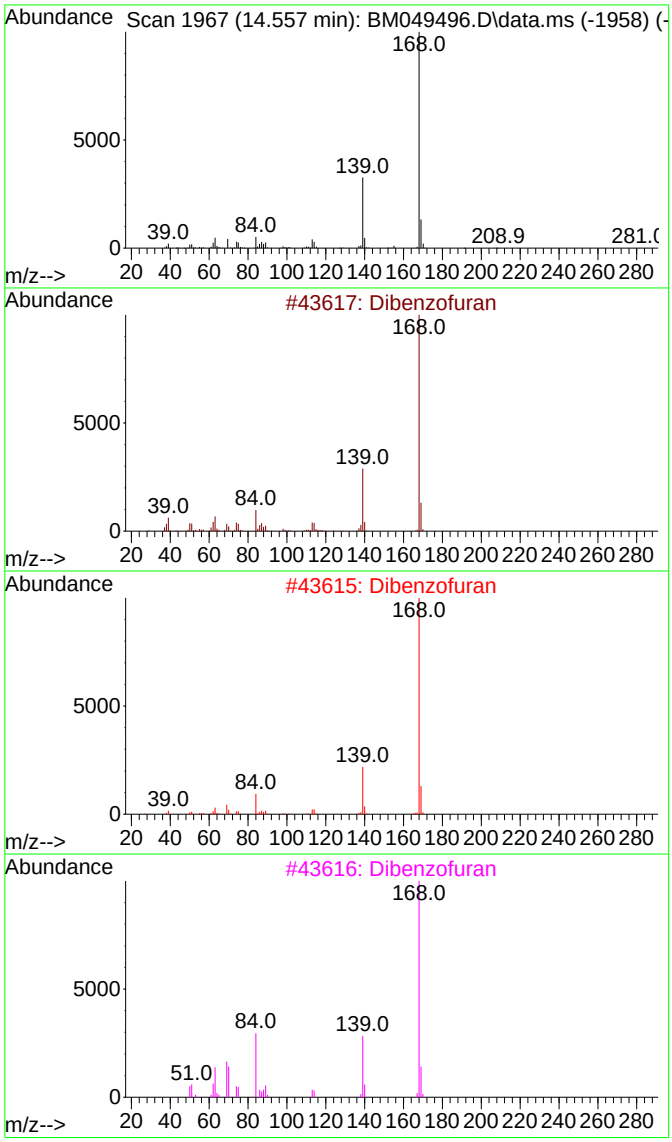
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

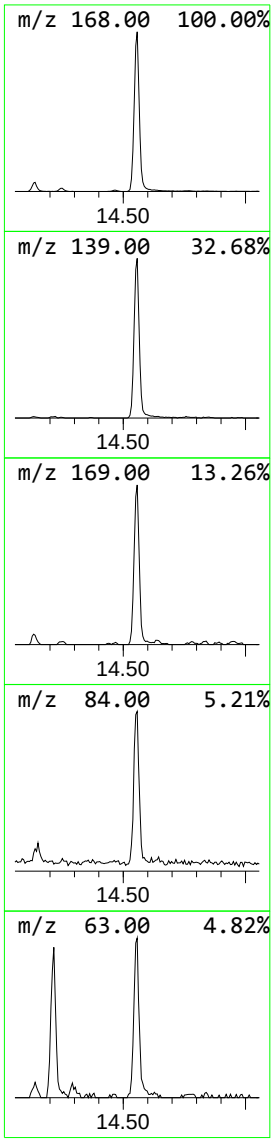
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 9H-Pyrido[3,4-b]indole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	9.99 ng/ul	650715	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	87
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	72
5	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049496.D
Acq On : 29 Jan 2025 09:45
Operator : RC/JU
Sample : Q1139-06MEDL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

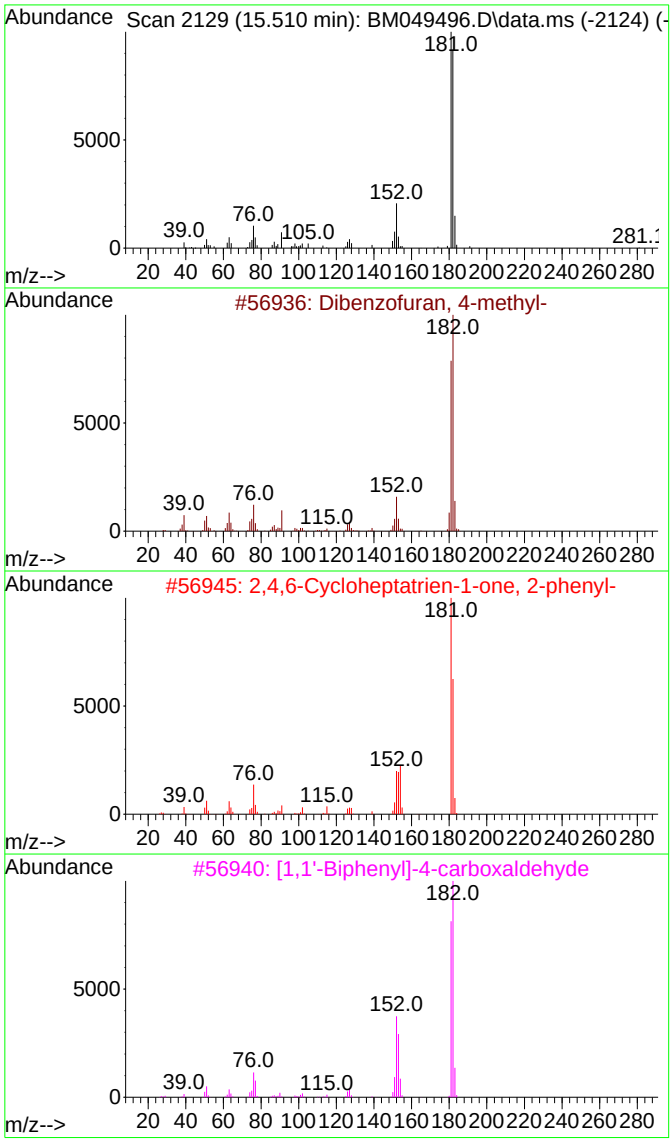
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

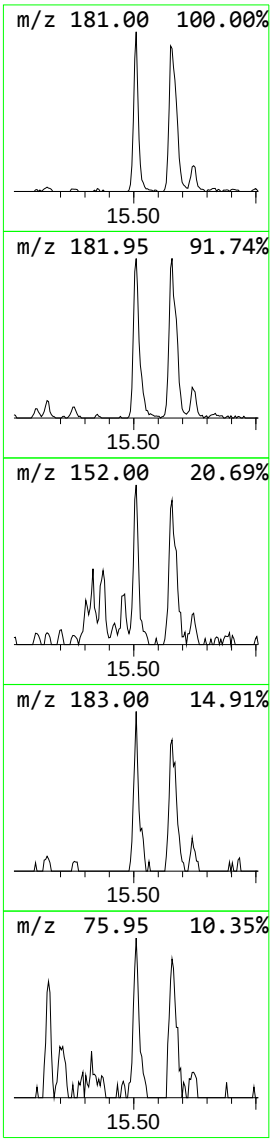
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.510	2.04 ng/ul	133154	Acenaphthene-d10	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049496.D
Acq On : 29 Jan 2025 09:45
Operator : RC/JU
Sample : Q1139-06MEDL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

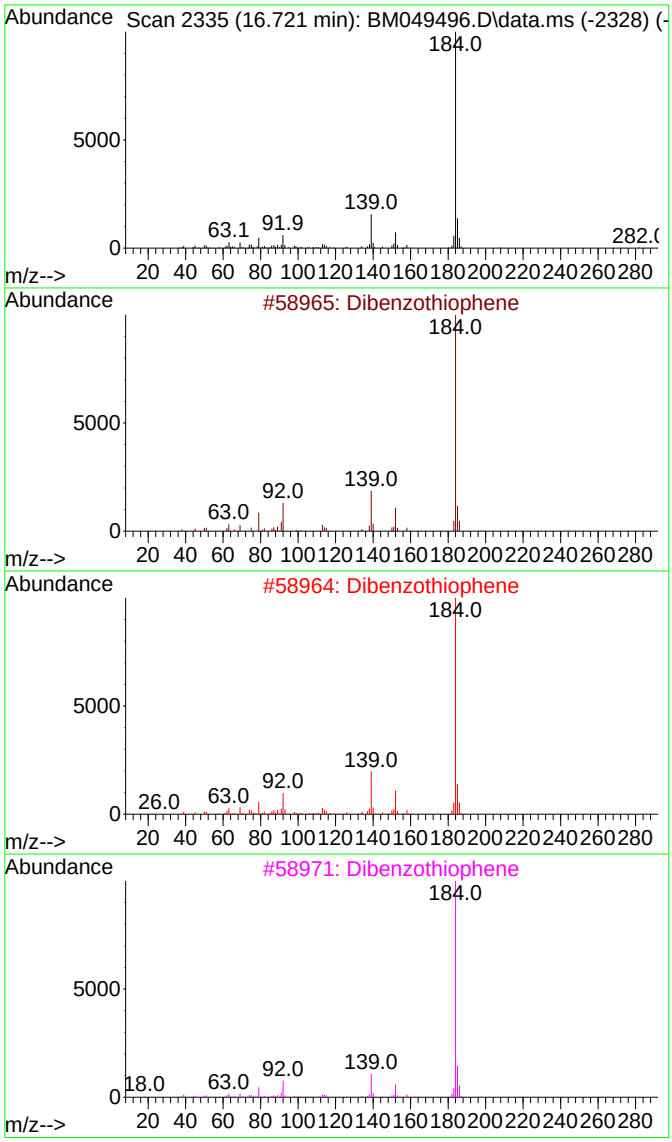
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

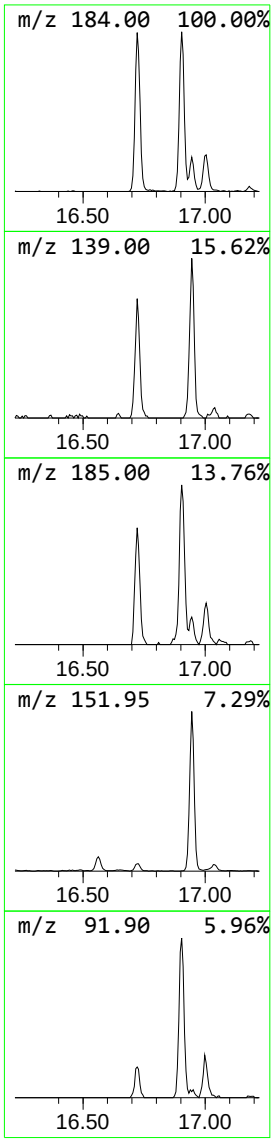
****

Peak Number 4 Dibenzothiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.721	3.17 ng/ul	224105	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049496.D
Acq On : 29 Jan 2025 09:45
Operator : RC/JU
Sample : Q1139-06MEDL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3MEDL

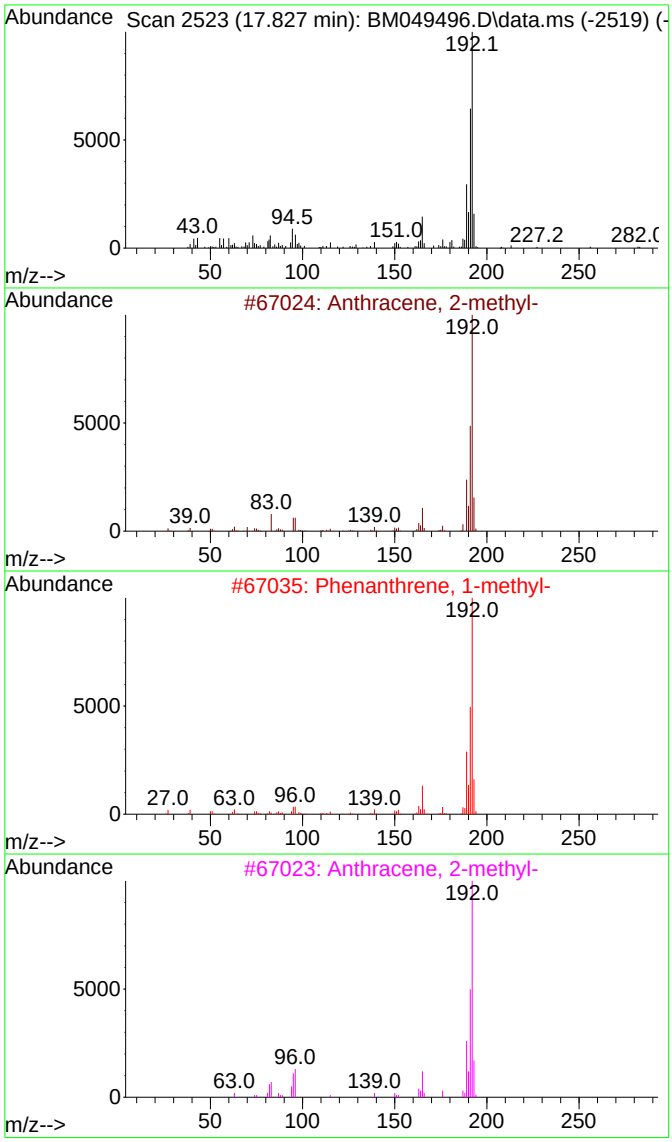
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

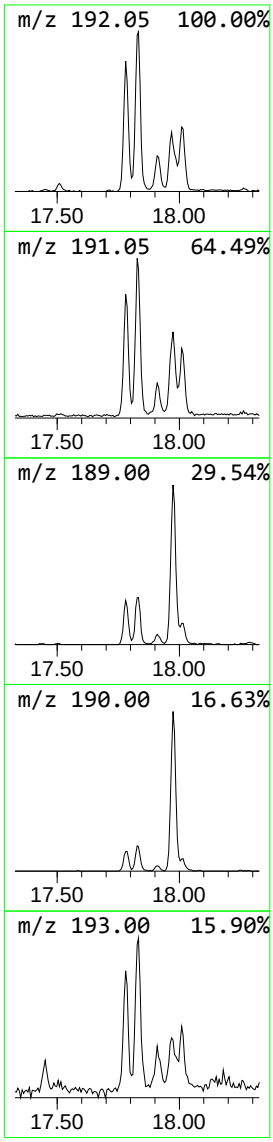
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.827	3.07 ng/ul	216736	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049496.D
Acq On : 29 Jan 2025 09:45
Operator : RC/JU
Sample : Q1139-06MEDL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3MEDL

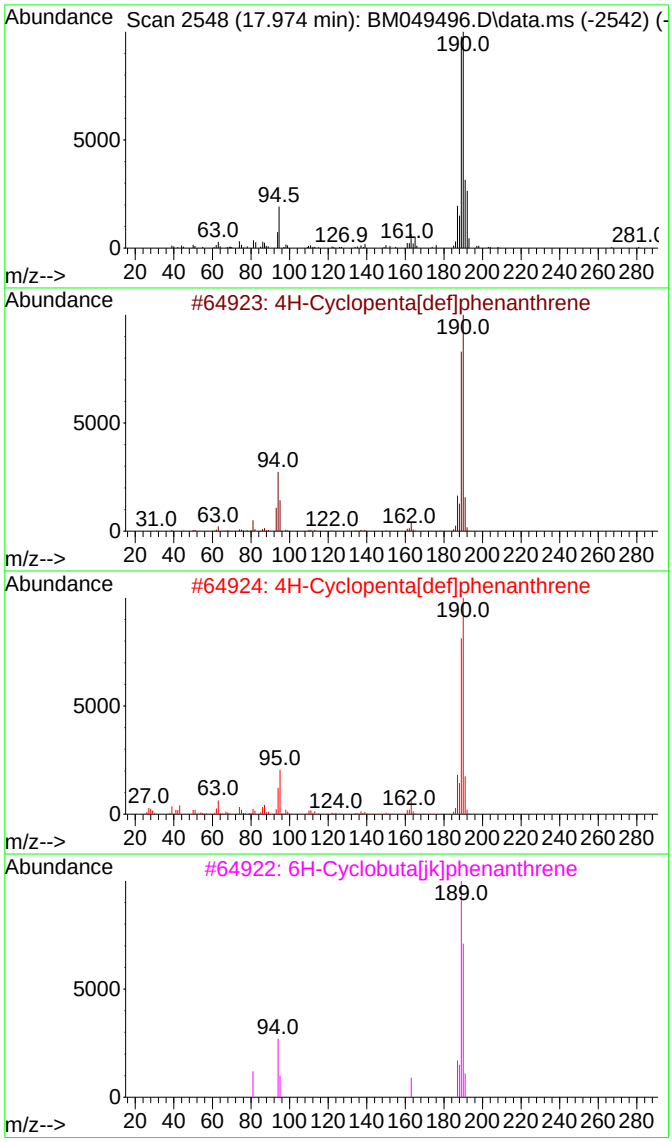
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

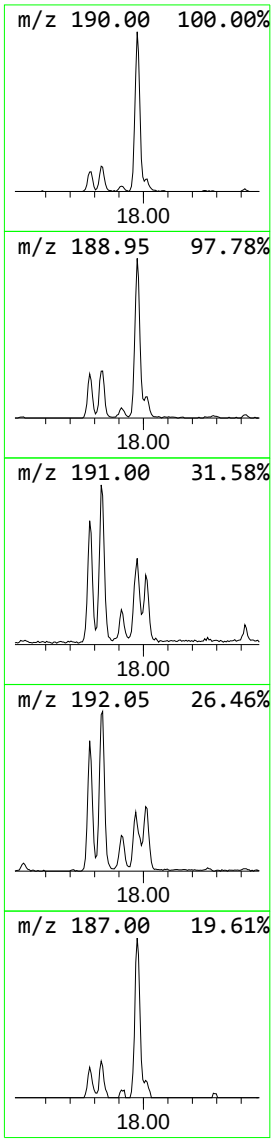
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	3.34 ng/ul	236228	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049496.D
Acq On : 29 Jan 2025 09:45
Operator : RC/JU
Sample : Q1139-06MEDL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH3MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.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
Biphenyl	12.980	3.0	ng/ul	197700	3	14.151	1303260	20.0
9H-Pyrido[3,4-b...	14.557	10.0	ng/ul	650715	3	14.151	1303260	20.0
Dibenzofuran, 4...	15.510	2.0	ng/ul	133154	3	14.151	1303260	20.0
Dibenzothiophene	16.721	3.2	ng/ul	224105	4	16.904	1413180	20.0
Anthracene, 2-m...	17.827	3.1	ng/ul	216736	4	16.904	1413180	20.0
4H-Cyclopenta[d...	17.974	3.3	ng/ul	236228	4	16.904	1413180	20.0