LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010666.D
Acq On : 22 Jun 2017 18:57
Operator : SJ/JU
Sample : I3558-15MEDL 100X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C88MEDL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.463	772	778	784	rBB	258765	381806	22.24%	3.047%
2	7.834	833	841	845	rBV2	11243	17869	1.04%	0.143%
3	7.992	863	868	873	rVB2	15181	22302	1.30%	0.178%
4	10.222	1241	1247	1251	rBV	355047	584789	34.06%	4.667%
5	10.275	1251	1256	1263	rVB	650986	1049108	61.10%	8.372%
6	10.392	1268	1276	1280	rBV2	18903	32025	1.87%	0.256%
7	11.898	1525	1532	1540	rBB	228502	354460	20.64%	2.829%
8	12.121	1559	1570	1579	rVB	107191	165498	9.64%	1.321%
9	12.933	1704	1708	1716	rVB	52010	71934	4.19%	0.574%
10	13.133	1736	1742	1745	rBV2	16110	22096	1.29%	0.176%
11	13.286	1760	1768	1773	rBV4	27006	66285	3.86%	0.529%
12	13.427	1786	1792	1797	rBV2	44645	66968	3.90%	0.534%
13	13.480	1797	1801	1805	rVV	28723	36464	2.12%	0.291%
14	13.668	1828	1833	1836	rBV2	14486	21531	1.25%	0.172%
15	13.827	1857	1860	1866	rVB3	11810	17522	1.02%	0.140%
16	14.115	1901	1909	1915	rBV2	621796	941330	54.82%	7.512%
17	14.174	1915	1919	1928	rVB	206884	294146	17.13%	2.347%
18	14.515	1971	1977	1984	rVB	186354	255497	14.88%	2.039%
19	15.168	2082	2088	2093	rBV	239430	330359	19.24%	2.636%
20	15.333	2112	2116	2121	rVB2	24237	33901	1.97%	0.271%
21	15.468	2134	2139	2144	rVB	31290	41580	2.42%	0.332%
22	15.615	2159	2164	2172	rVB	39503	68441	3.99%	0.546%
23	16.174	2250	2259	2265	rBV6	24265	46169	2.69%	0.368%
24	16.604	2327	2332	2338	rBV3	10247	19104	1.11%	0.152%
25	16.686	2342	2346	2351	rVB	49873	60027	3.50%	0.479%
26	16.868	2371	2377	2380	rBV	867019	1211731	70.57%	9.670%
27	16.909	2380	2384	2390	rVB	791690	1051984	61.27%	8.395%
28	16.998	2395	2399	2406	rVB	100750	133765	7.79%	1.067%
29	17.274	2441	2446	2450	rBV	46039	55805	3.25%	0.445%
30	17.745	2521	2526	2530	rBV	48055	62926	3.66%	0.502%
31	17.792	2530	2534	2543	rVB	67965	90626	5.28%	0.723%
32	17.868	2543	2547	2553	rBV2	25764	38198	2.22%	0.305%
33	17.939	2553	2559	2563	rVV	91878	143323	8.35%	1.144%
34	17.974	2563	2565	2569	rVB2	22809	26150	1.52%	0.209%

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Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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Title : SVOA CALIBRATION

35	18.256	2608	2613	2617	rBV	37057	43350	2.52%	0.346%
36	18.674	2677	2684	2689	rBV3	13873	26030	1.52%	0.208%
37	18.939	2722	2729	2735	rBV	486582	636332	37.06%	5.078%
38	19.303	2781	2791	2795	rVV2	310257	526940	30.69%	4.205%
39	19.333	2795	2796	2800	rVV3	23881	23383	1.36%	0.187%
40	19.380	2800	2804	2809	rVB3	16050	24526	1.43%	0.196%
41	19.492	2819	2823	2828	rBV	16875	19488	1.14%	0.156%
42	19.633	2840	2847	2853	rBV7	15017	40055	2.33%	0.320%
43	19.803	2872	2876	2881	rVB	58907	81231	4.73%	0.648%
44	19.909	2887	2894	2898	rBV	73259	96521	5.62%	0.770%
45	19.962	2899	2903	2907	rVB3	25116	30317	1.77%	0.242%
46	20.521	2993	2998	3001	rBV6	12043	20324	1.18%	0.162%
47	20.727	3028	3033	3036	rBV3	20251	27774	1.62%	0.222%
48	20.768	3036	3040	3043	rBV2	18363	26025	1.52%	0.208%
49	20.803	3043	3046	3049	rVV4	12176	17297	1.01%	0.138%
50	21.080	3086	3093	3097	rBV	1286820	1716989	100.00%	13.702%
51	21.115	3097	3099	3108	rVB	77852	98279	5.72%	0.784%
52	21.233	3116	3119	3123	rVB6	20827	23543	1.37%	0.188%
53	21.397	3143	3147	3151	rVB5	13053	18316	1.07%	0.146%
54	22.580	3346	3348	3350	rBV3	21583	25555	1.49%	0.204%
55	23.221	3450	3457	3467	rVB	670508	1193236	69.50%	9.522%

Sum of corrected areas: 12531230

LSC Report - Integrated Chromatogram

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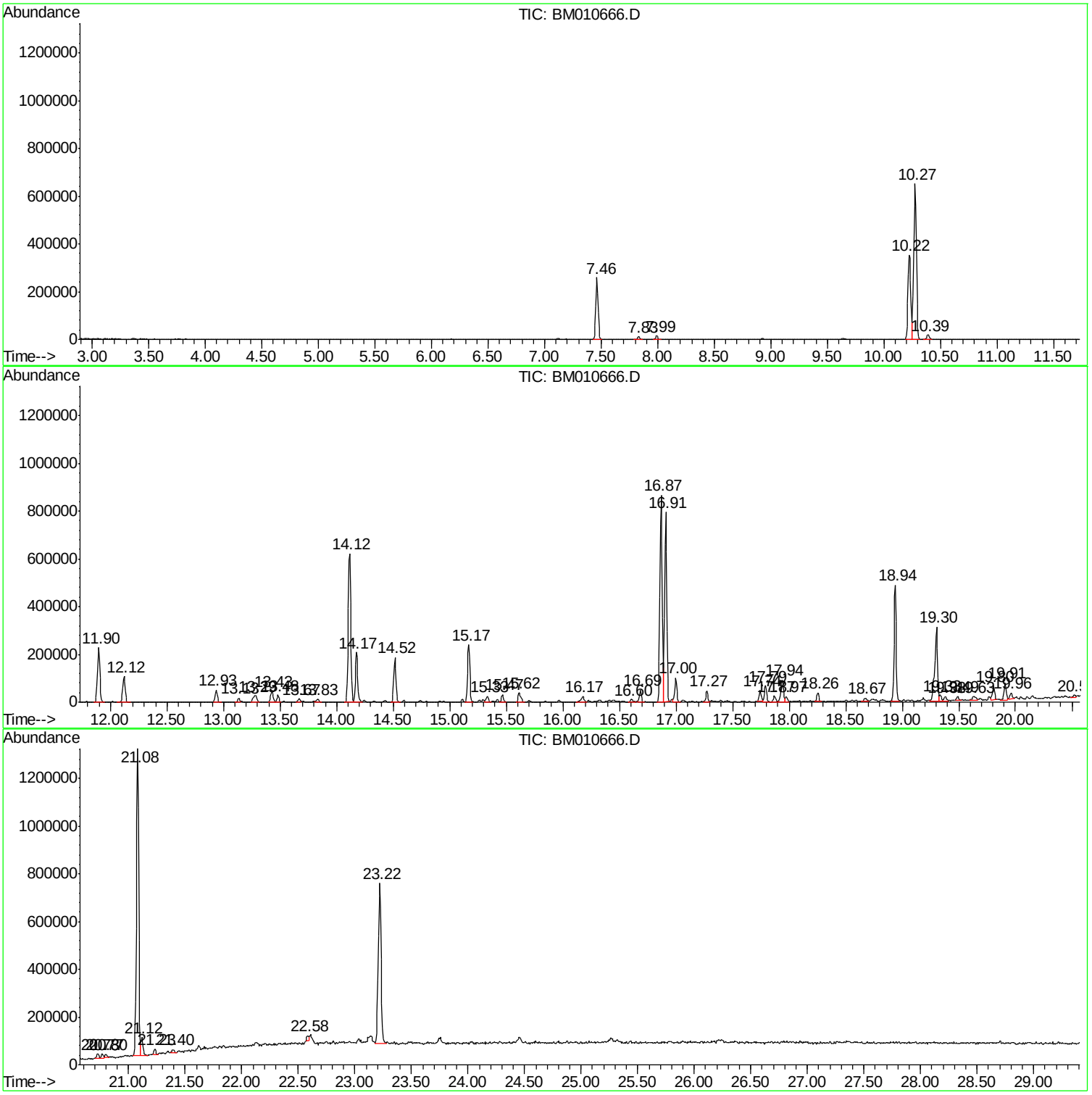
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C88MEDL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument : BNA_M
ClientSampleId : F5C88MEDL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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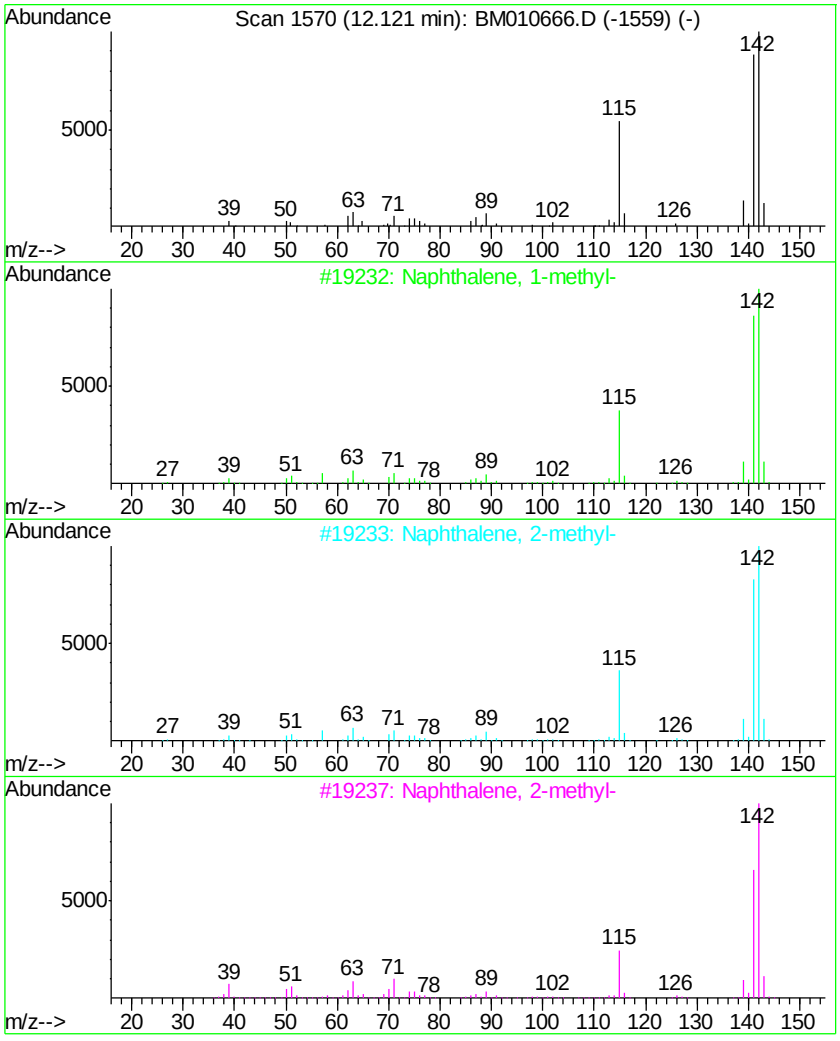
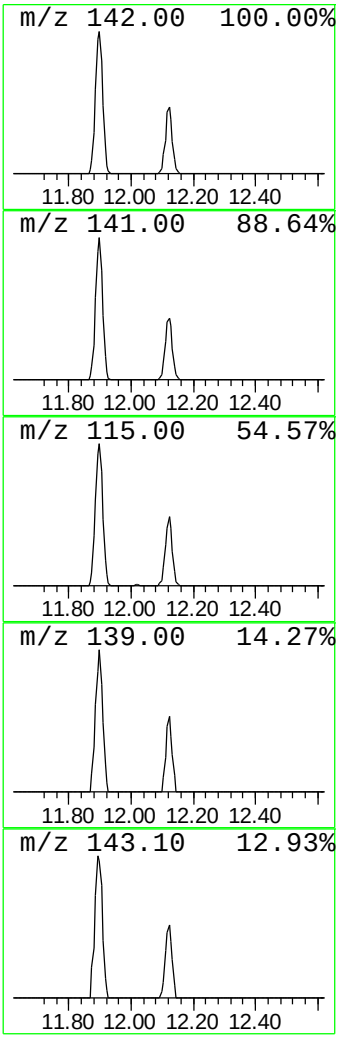
Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	5.66 ng/ul	165498	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Instrument : BNA_M
ClientSampleId : F5C88MEDL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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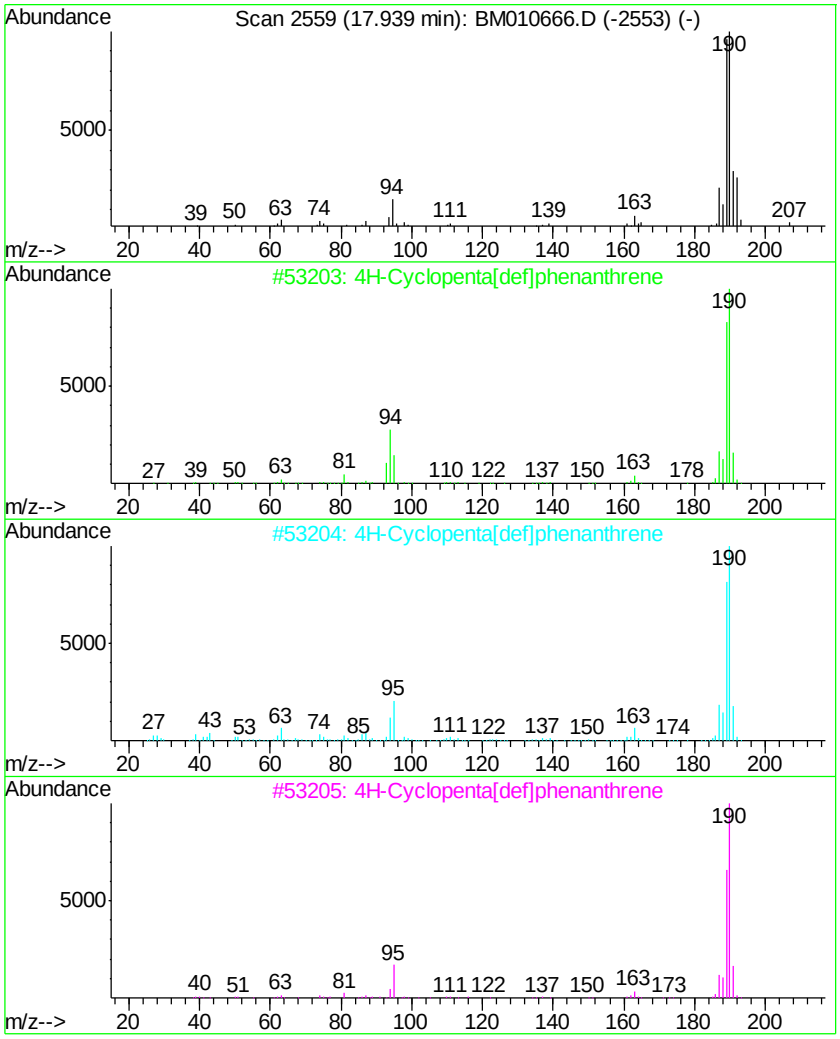
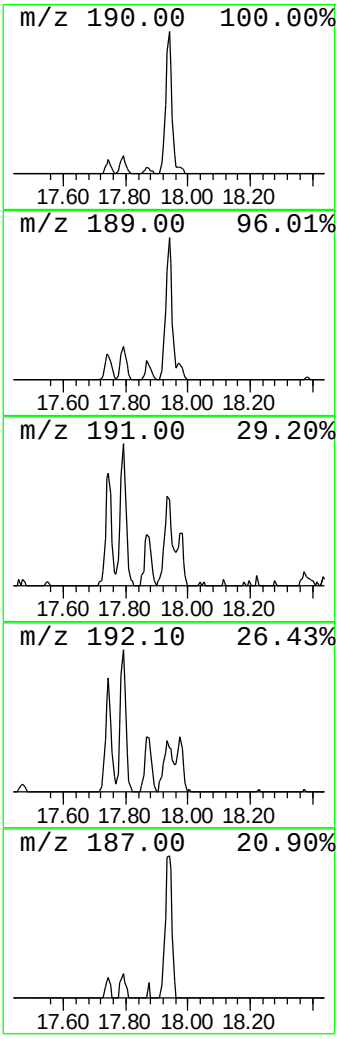
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.37 ng/ul	143323	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1-me...	12.12	5.7	ng/ul	165498	2	10.22	584789	20.0
4H-Cyclopenta[def...	17.94	2.4	ng/ul	143323	4	16.87	1211730	20.0