LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042839.D
Acq On : 17 Nov 2023 11:59
Operator : MA/JU
Sample : 05268-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC0

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-BM111323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM042839.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	29	32	38	rVB3	6294	8845	0.71%	0.068%
2	3.622	105	108	120	rBV	42010	85352	6.86%	0.655%
3	3.922	158	159	163	rVB3	4097	3027	0.24%	0.023%
4	5.781	472	475	480	rVV4	2654	3549	0.29%	0.027%
5	6.998	677	682	696	rBV	19088	46909	3.77%	0.360%
6	7.169	705	711	724	rBV	127211	224543	18.06%	1.723%
7	7.345	734	741	755	rBV	122010	229227	18.43%	1.759%
8	7.534	769	773	779	rVB6	4073	7210	0.58%	0.055%
9	7.816	815	821	833	rBV	135065	247229	19.88%	1.897%
10	8.375	908	916	918	rBV6	1893	4173	0.34%	0.032%
11	8.545	940	945	957	rBV	71762	148325	11.93%	1.138%
12	8.698	966	971	980	rVB	31123	56043	4.51%	0.430%
13	8.939	1008	1012	1015	rBV3	2424	3885	0.31%	0.030%
14	8.981	1015	1019	1020	rVV3	1888	2328	0.19%	0.018%
15	9.022	1020	1026	1042	rVV	161705	294680	23.70%	2.262%
16	9.204	1055	1057	1061	rVB4	2005	2642	0.21%	0.020%
17	9.304	1071	1074	1081	rVB7	2580	5102	0.41%	0.039%
18	9.369	1081	1085	1087	rBV4	1708	2405	0.19%	0.018%
19	9.734	1140	1147	1159	rBV	134820	251218	20.20%	1.928%
20	10.257	1229	1236	1256	rBV	168160	345831	27.81%	2.654%
21	10.633	1293	1300	1304	rBV	194610	329184	26.47%	2.526%
22	10.681	1304	1308	1318	rVV	279021	474000	38.12%	3.638%
23	10.810	1322	1330	1344	rBV	157796	335289	26.96%	2.573%
24	11.063	1369	1373	1377	rBV4	2998	5050	0.41%	0.039%
25	11.692	1475	1480	1483	rBV4	2099	3452	0.28%	0.026%
26	11.998	1528	1532	1535	rVB4	1556	2298	0.18%	0.018%
27	12.198	1561	1566	1570	rBV5	4800	8231	0.66%	0.063%
28	12.227	1570	1571	1574	rVV3	2896	3246	0.26%	0.025%
29	12.298	1577	1583	1590	rBV	16008	28622	2.30%	0.220%
30	12.433	1602	1606	1611	rVB5	1943	2798	0.23%	0.021%
31	12.516	1614	1620	1626	rBV	20915	39068	3.14%	0.300%
32	12.622	1635	1638	1643	rBV5	3584	4762	0.38%	0.037%
33	12.980	1693	1699	1701	rVV5	2450	4662	0.37%	0.036%
34	13.004	1701	1703	1707	rVV3	4174	6567	0.53%	0.050%
35	13.051	1707	1711	1715	rVB6	2825	5245	0.42%	0.040%
36	13.316	1747	1756	1764	rBV	42696	80480	6.47%	0.618%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042839.D
Acq On : 17 Nov 2023 11:59
Operator : MA/JU
Sample : 05268-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC0

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-BM111323.MA.M
Title : SVOA CALIBRATION

37	13.380	1764	1767	1768	rVV2	2396	2719	0.22%	0.021%
38	13.398	1768	1770	1775	rVB5	1916	2451	0.20%	0.019%
39	13.792	1831	1837	1840	rBV4	2988	4836	0.39%	0.037%
40	13.898	1849	1855	1866	rBV	475703	622770	50.08%	4.779%
41	13.986	1866	1870	1874	rVV3	2012	3776	0.30%	0.029%
42	14.174	1896	1902	1915	rBV2	442536	662124	53.25%	5.082%
43	14.474	1944	1953	1959	rBV	291287	427670	34.39%	3.282%
44	14.539	1959	1964	1970	rVV	61950	88590	7.12%	0.680%
45	14.645	1975	1982	1990	rBV	51717	86333	6.94%	0.663%
46	14.774	1997	2004	2010	rBV8	7776	20325	1.63%	0.156%
47	14.880	2017	2022	2035	rVB	109251	170242	13.69%	1.307%
48	15.021	2041	2046	2052	rBV2	32963	49912	4.01%	0.383%
49	15.080	2052	2056	2057	rVV4	4024	4996	0.40%	0.038%
50	15.110	2057	2061	2066	rVB5	11087	17310	1.39%	0.133%
51	15.468	2116	2122	2128	rBV	624110	836805	67.30%	6.422%
52	15.527	2128	2132	2136	rVB2	24911	38011	3.06%	0.292%
53	15.615	2142	2147	2161	rVV	190979	311288	25.03%	2.389%
54	15.739	2163	2168	2177	rVV4	25720	54773	4.40%	0.420%
55	15.815	2177	2181	2183	rVV5	5358	7826	0.63%	0.060%
56	15.845	2183	2186	2190	rVB6	2833	4519	0.36%	0.035%
57	15.974	2203	2208	2212	rVV3	4708	9010	0.72%	0.069%
58	16.027	2212	2217	2219	rVV3	3708	4993	0.40%	0.038%
59	16.057	2219	2222	2226	rVB4	4525	5747	0.46%	0.044%
60	16.227	2247	2251	2263	rVB3	25158	43816	3.52%	0.336%
61	16.439	2283	2287	2291	rVB4	1680	2583	0.21%	0.020%
62	16.510	2294	2299	2309	rVV	30203	56559	4.55%	0.434%
63	16.792	2342	2347	2352	rBV6	7322	11767	0.95%	0.090%
64	16.868	2355	2360	2363	rBV	76618	129054	10.38%	0.990%
65	17.051	2386	2391	2396	rBV	7858	11844	0.95%	0.091%
66	17.139	2404	2406	2409	rVB4	2913	2482	0.20%	0.019%
67	17.227	2411	2421	2426	rVV	352055	511416	41.13%	3.925%
68	17.268	2426	2428	2433	rVV	63083	90954	7.31%	0.698%
69	17.327	2433	2438	2455	rVV	705222	1009878	81.22%	7.750%
70	17.445	2455	2458	2464	rVB7	6682	12643	1.02%	0.097%
71	17.592	2480	2483	2488	rVV3	7795	10608	0.85%	0.081%
72	17.657	2488	2494	2509	rVV	301662	482964	38.84%	3.707%
73	17.757	2509	2511	2515	rVB4	2570	2532	0.20%	0.019%
74	17.815	2517	2521	2531	rBV	34273	68866	5.54%	0.529%
75	17.962	2540	2546	2552	rVB9	5461	12063	0.97%	0.093%
76	18.039	2555	2559	2563	rBV5	2911	5536	0.45%	0.042%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042839.D
Acq On : 17 Nov 2023 11:59
Operator : MA/JU
Sample : 05268-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC0

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-BM111323.MA.M
Title : SVOA CALIBRATION

77	18.086	2563	2567	2574	rVV5	14038	23063	1.85%	0.177%
78	18.156	2576	2579	2585	rVB7	5463	8550	0.69%	0.066%
79	18.251	2587	2595	2601	rVB6	3677	8025	0.65%	0.062%
80	18.368	2611	2615	2618	rBV4	3027	4725	0.38%	0.036%
81	18.404	2618	2621	2623	rVV4	2619	3386	0.27%	0.026%
82	18.445	2625	2628	2630	rVV3	3346	4433	0.36%	0.034%
83	18.474	2631	2633	2635	rVV3	4143	3743	0.30%	0.029%
84	18.515	2635	2640	2645	rVV6	4492	9855	0.79%	0.076%
85	18.568	2645	2649	2655	rVV6	5334	10786	0.87%	0.083%
86	18.633	2655	2660	2664	rVV7	3734	7785	0.63%	0.060%
87	18.674	2664	2667	2675	rVB6	4809	9629	0.77%	0.074%
88	19.086	2734	2737	2740	rBV4	2702	4157	0.33%	0.032%
89	19.109	2740	2741	2747	rVB5	2361	2598	0.21%	0.020%
90	19.180	2750	2753	2760	rVB6	10342	13736	1.10%	0.105%
91	19.256	2762	2766	2769	rBV3	7483	11166	0.90%	0.086%
92	19.362	2781	2784	2790	rBV7	8122	14335	1.15%	0.110%
93	19.433	2792	2796	2803	rVV7	4463	12013	0.97%	0.092%
94	19.498	2806	2807	2811	rVB3	3248	4075	0.33%	0.031%
95	19.627	2823	2829	2837	rBV	955217	1233867	99.23%	9.469%
96	19.939	2880	2882	2883	rBV	2856	2272	0.18%	0.017%
97	20.133	2913	2915	2922	rBV4	6340	10184	0.82%	0.078%
98	21.415	3128	3133	3143	rBV	406802	564415	45.39%	4.332%
99	23.621	3501	3508	3523	rVB	643218	1243453	100.00%	9.543%
100	23.774	3527	3534	3545	rVB	295050	611765	49.20%	4.695%

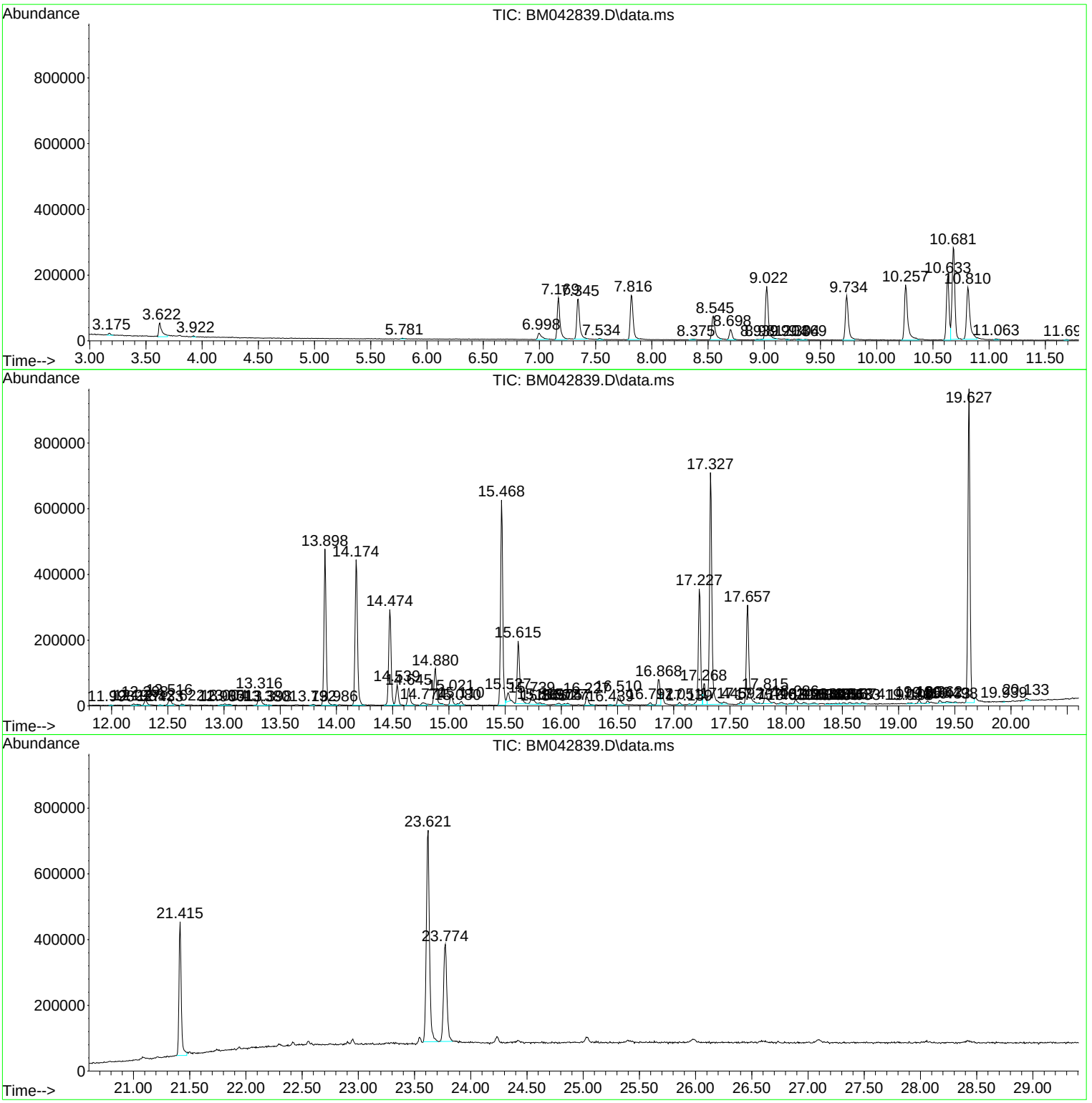
Sum of corrected areas: 13030084

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042839.D
Acq On : 17 Nov 2023 11:59
Operator : MA/JU
Sample : 05268-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.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\BM111323\
Data File : BM042839.D
Acq On : 17 Nov 2023 11:59
Operator : MA/JU
Sample : 05268-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC0

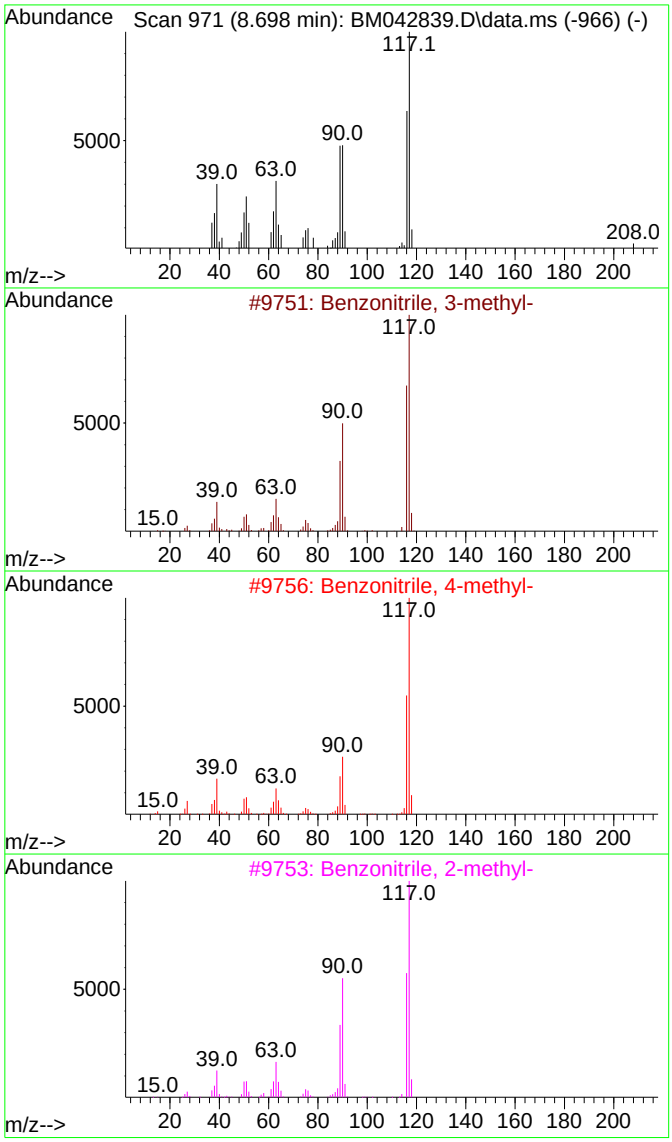
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

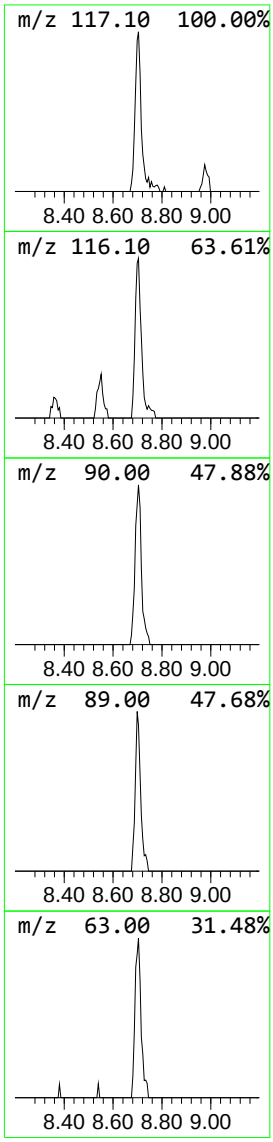
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzonitrile, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	4.53 ng/ul	56043	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	95
2	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	94
3	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	93
4	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	90
5	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042839.D
Acq On : 17 Nov 2023 11:59
Operator : MA/JU
Sample : 05268-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC0

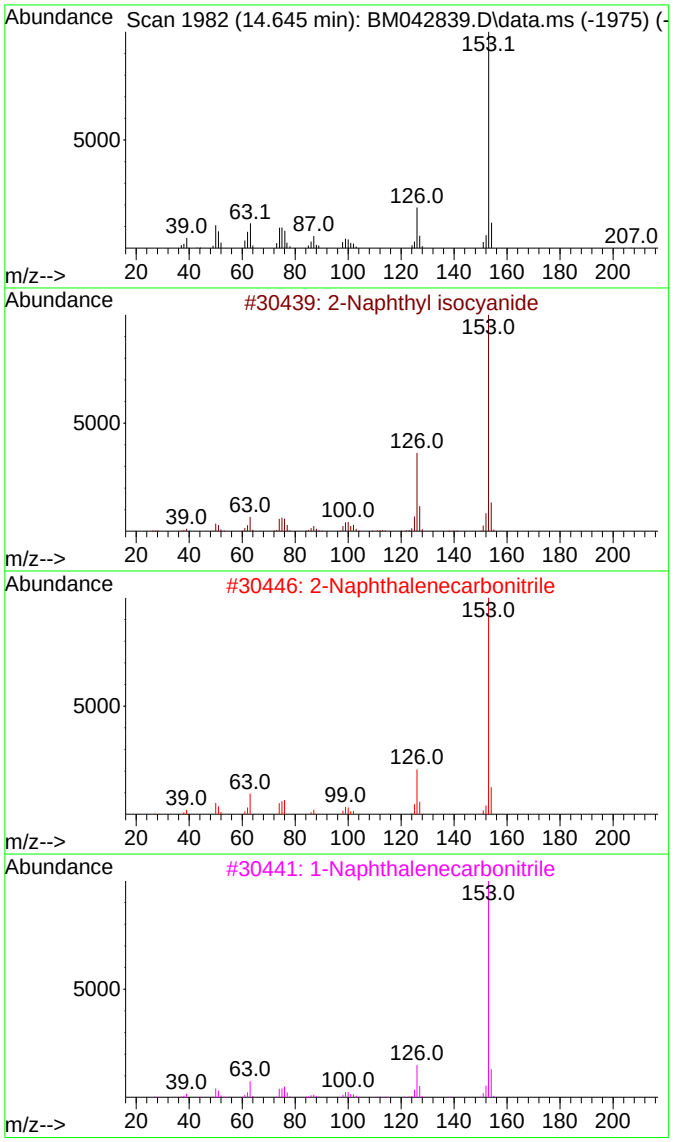
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

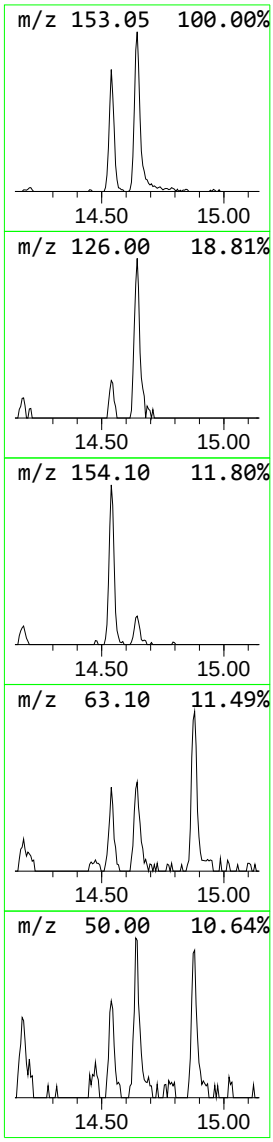
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Naphthyl isocyanide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.645	4.04 ng/ul	86333	Acenaphthene-d10	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthyl isocyanide	153	C11H7N	010124-78-4	93
2	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	93
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90
5	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042839.D
Acq On : 17 Nov 2023 11:59
Operator : MA/JU
Sample : 05268-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC0

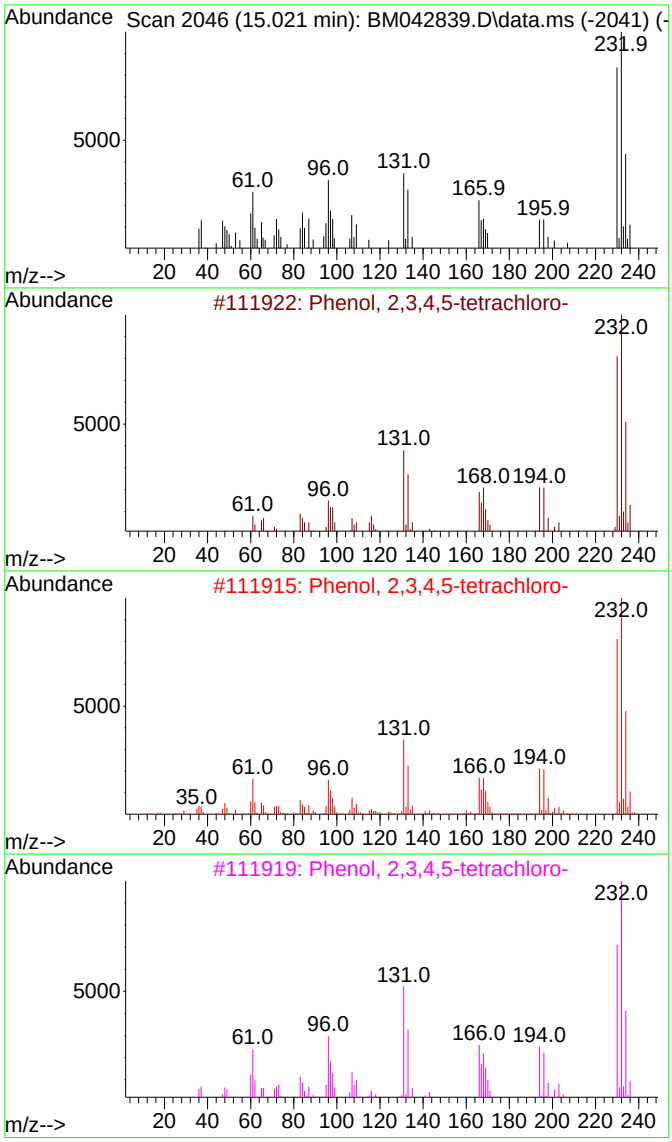
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

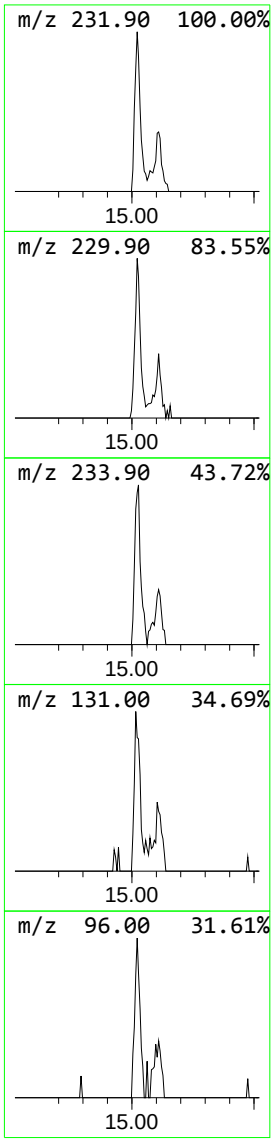
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 2,3,4,5-tetrachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	2.33 ng/ul	49912	Acenaphthene-d10	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	99
2	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	99
3	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	97
4	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	96
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042839.D
Acq On : 17 Nov 2023 11:59
Operator : MA/JU
Sample : 05268-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

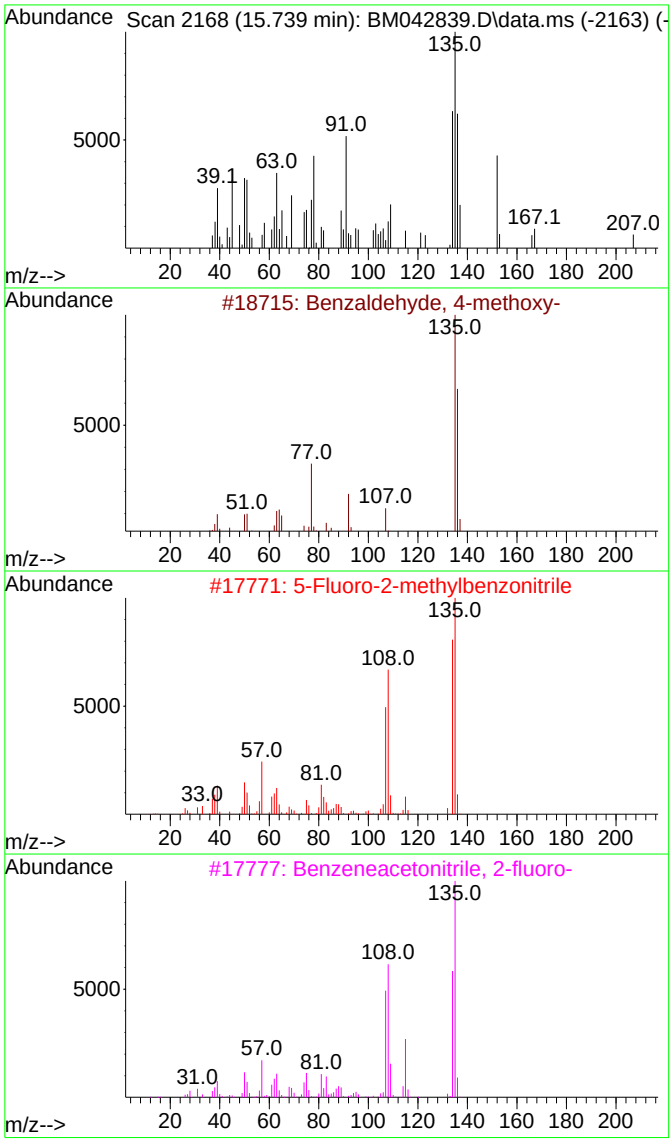
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

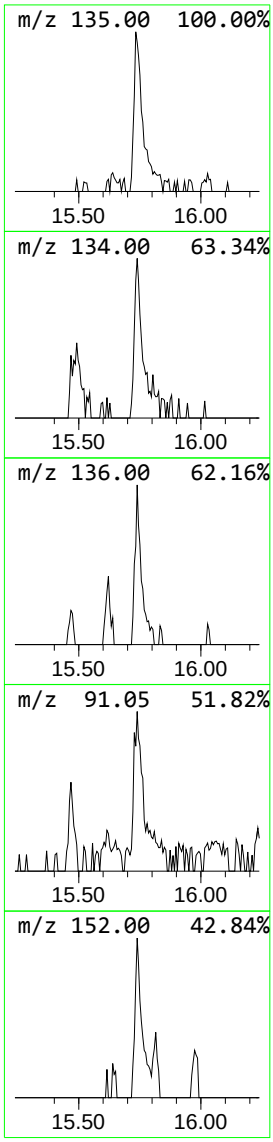
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.739	2.56 ng/ul	54773	Acenaphthene-d10	14.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	38
2	5-Fluoro-2-methylbenzonitrile	135	C8H6FN	077532-79-7	38
3	Benzeneacetonitrile, 2-fluoro-	135	C8H6FN	000326-62-5	27
4	3,4-Pyridinedimethanol, 6-methyl-	153	C8H11NO2	004664-11-3	27
5	Pyrazine, 2-ethyl-3,5-dimethyl-	136	C8H12N2	013925-07-0	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042839.D
Acq On : 17 Nov 2023 11:59
Operator : MA/JU
Sample : 05268-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

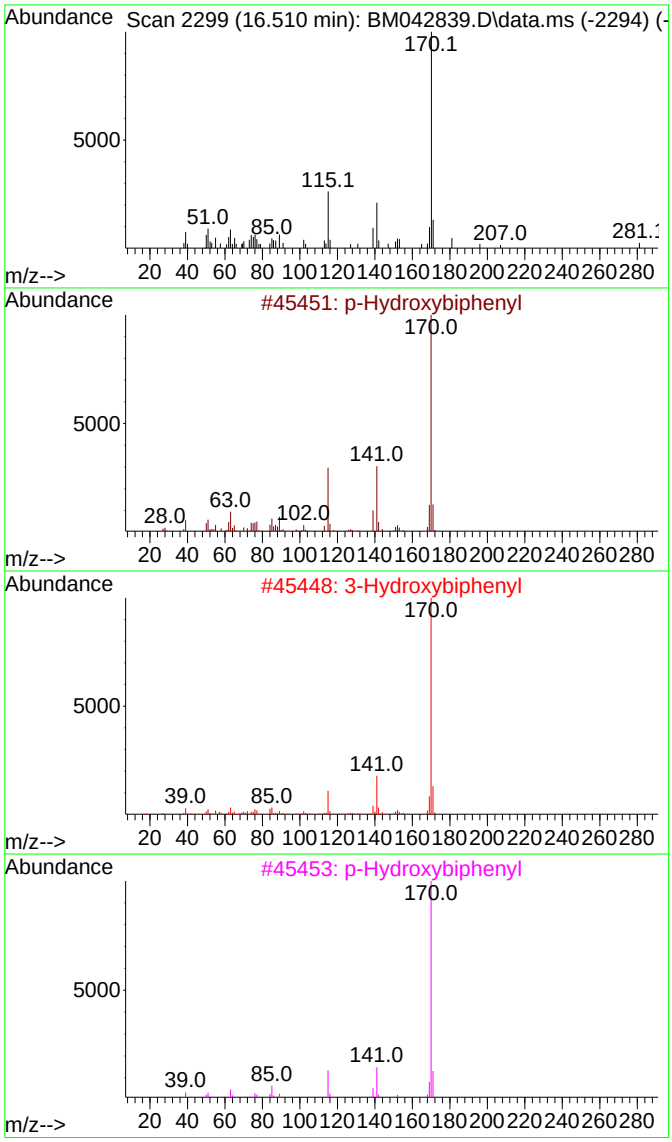
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

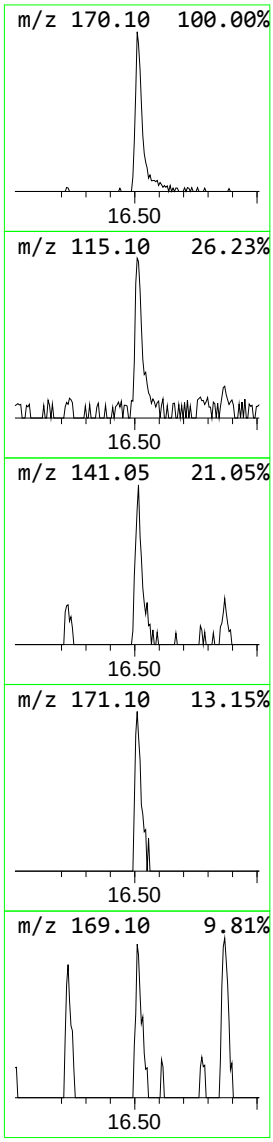
****

Peak Number 5 p-Hydroxybiphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.509	2.21 ng/ul	56559	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	90
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90
4	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	90
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042839.D
Acq On : 17 Nov 2023 11:59
Operator : MA/JU
Sample : 05268-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC0

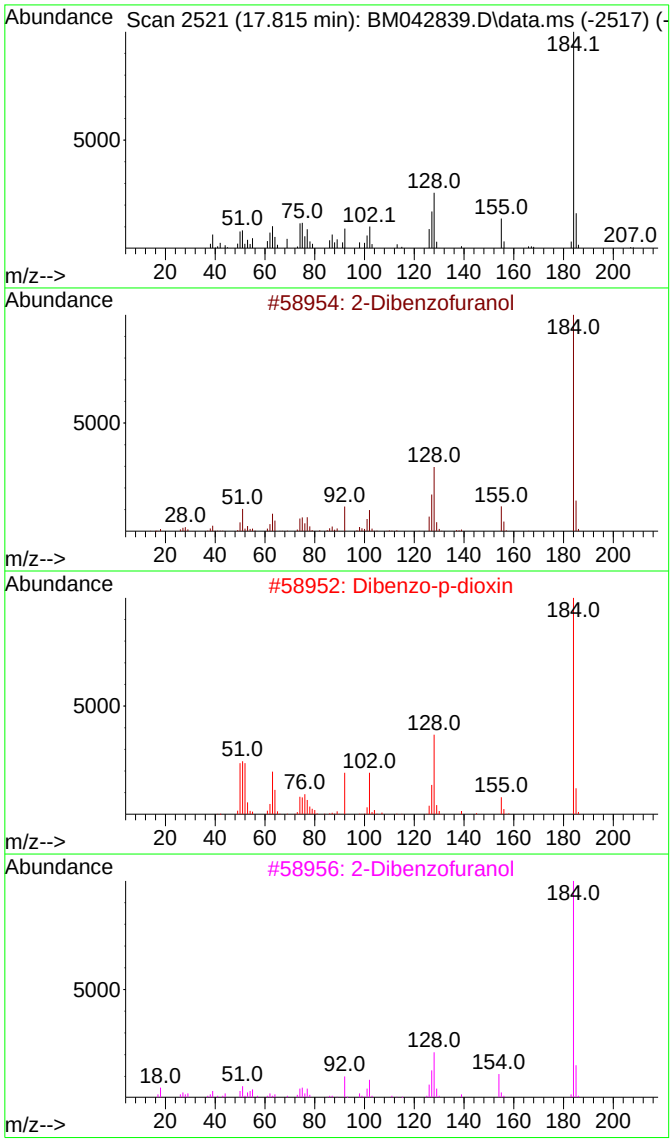
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

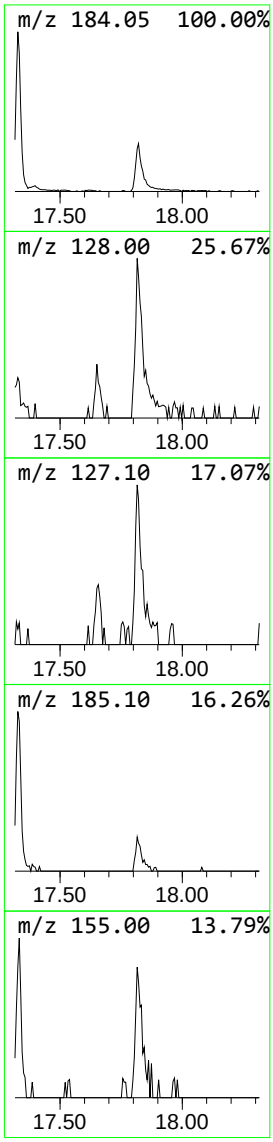
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Dibenzofuranol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.815	2.69 ng/ul	68866	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	96
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042839.D
Acq On : 17 Nov 2023 11:59
Operator : MA/JU
Sample : 05268-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKC0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.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
Benzonitrile, 3...	8.698	4.5	ng/ul	56043	1	7.822	247229	20.0
2-Naphthyl isoc...	14.645	4.0	ng/ul	86333	3	14.474	427670	20.0
Phenol, 2,3,4,5...	15.021	2.3	ng/ul	49912	3	14.474	427670	20.0
unknown-01	15.739	2.6	ng/ul	54773	3	14.474	427670	20.0
p-Hydroxybiphenyl	16.509	2.2	ng/ul	56559	4	17.227	511416	20.0
2-Dibenzofuranol	17.815	2.7	ng/ul	68866	4	17.227	511416	20.0