

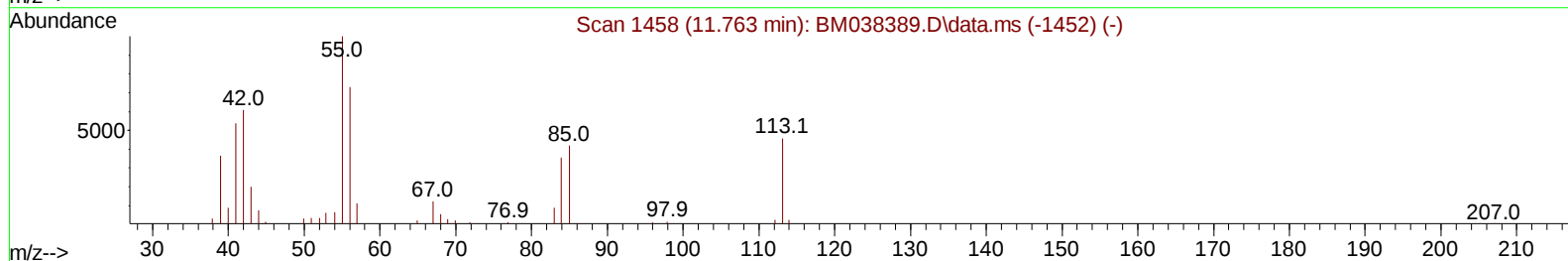
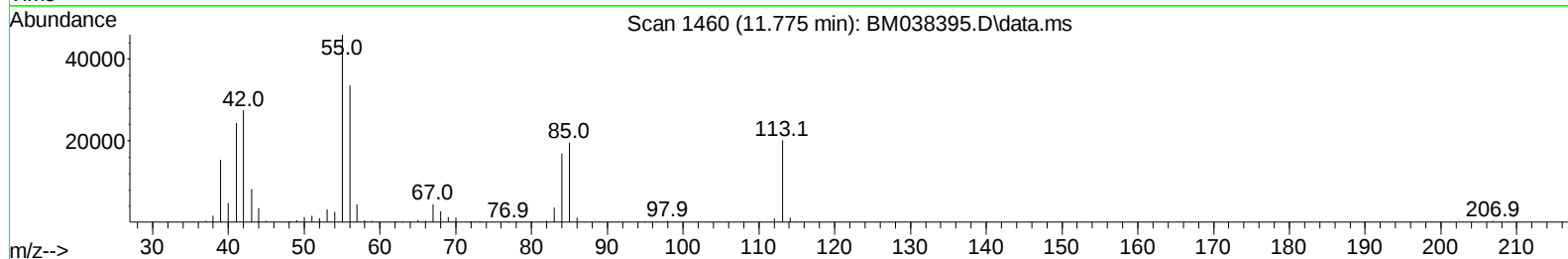
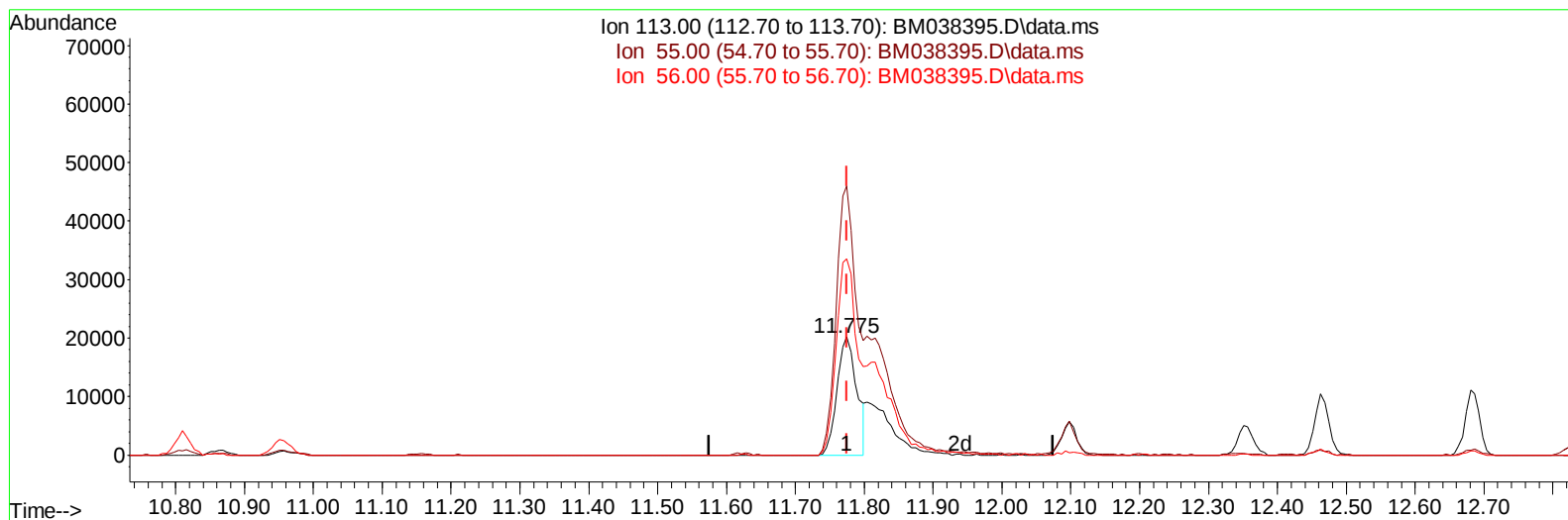
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010623\
Data File : BM038395.D
Acq On : 06 Jan 2023 20:36
Operator : CG/JU
Sample : 01035-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4433MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023
Supervised By :mohammad ahmed 01/09/2023

Quant Time: Jan 07 00:39:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 02:11:50 2023
Response via : Initial Calibration



TIC: BM038395.D\data.ms

(34) Caprolactam

11.775min (0.000) 23.91 ng/ul

response 39991

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	201.90	227.93
56.00	157.30	166.24
0.00	0.00	0.00

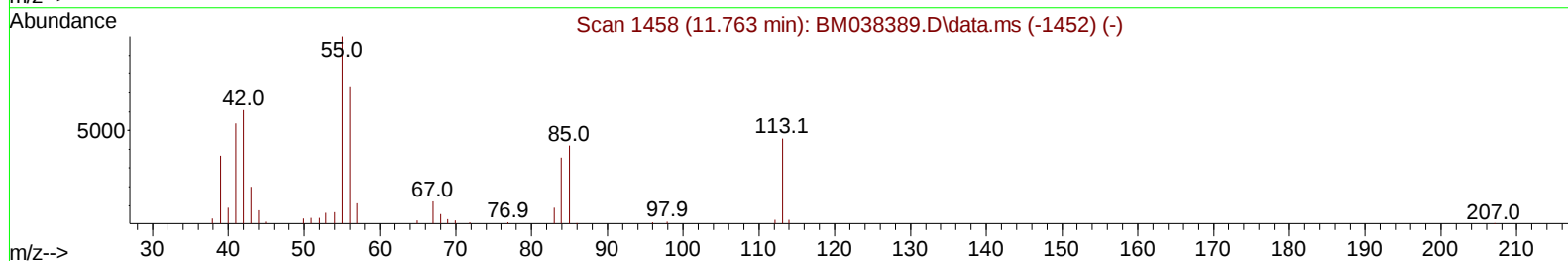
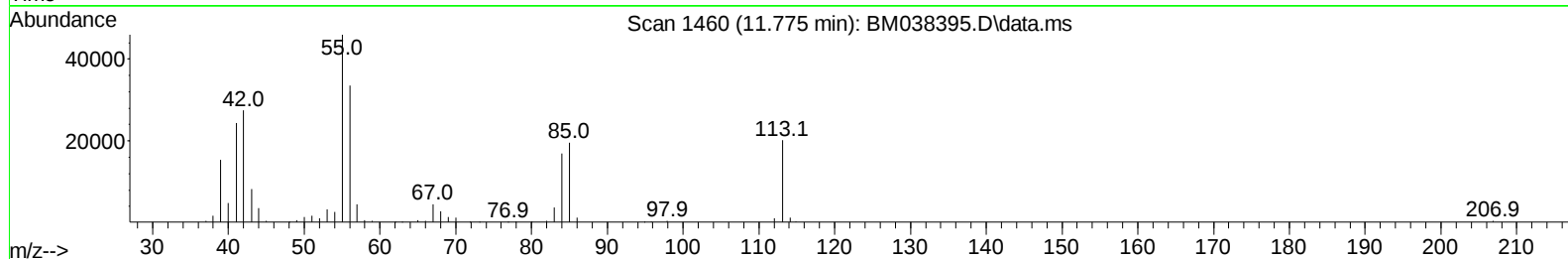
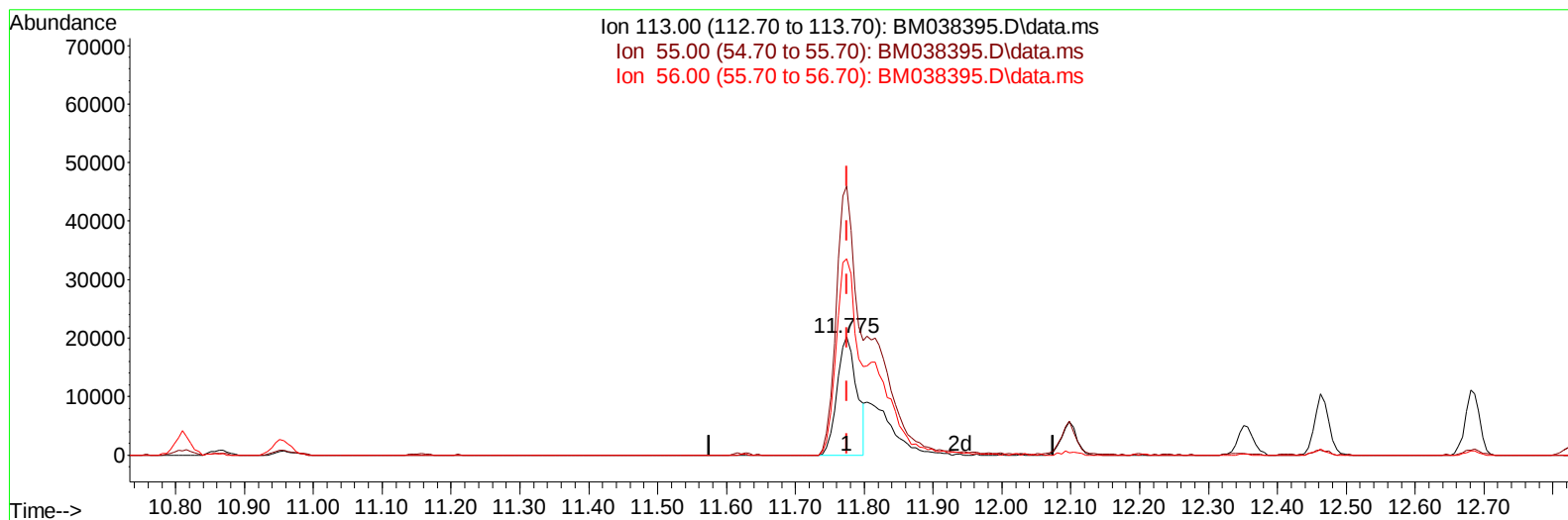
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(34) Caprolactam

11.775min (0.000) 23.91 ng/ul

response 39991

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	201.90	227.93
56.00	157.30	166.24
0.00	0.00	0.00

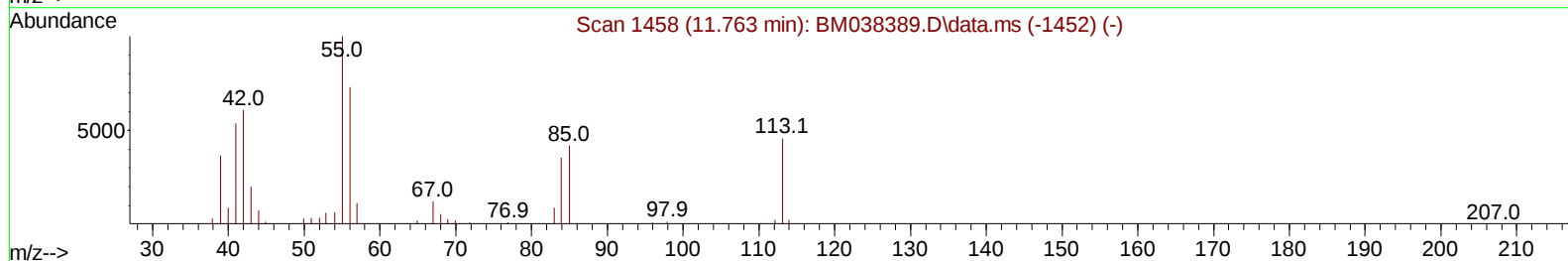
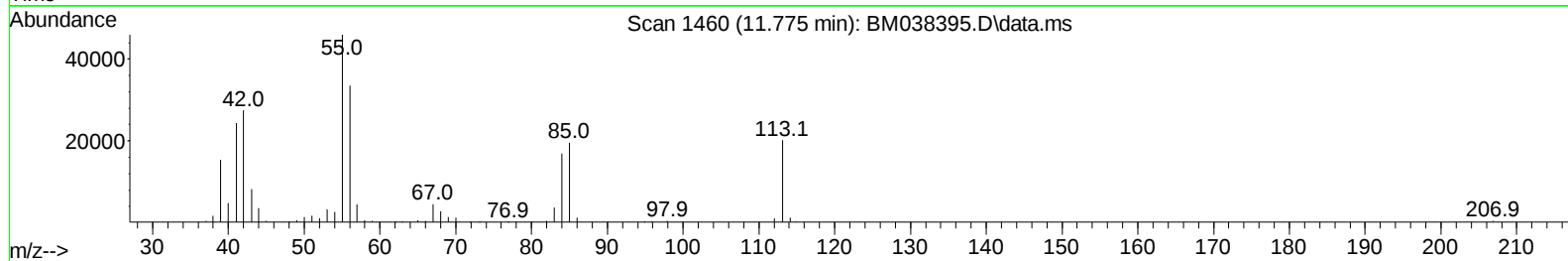
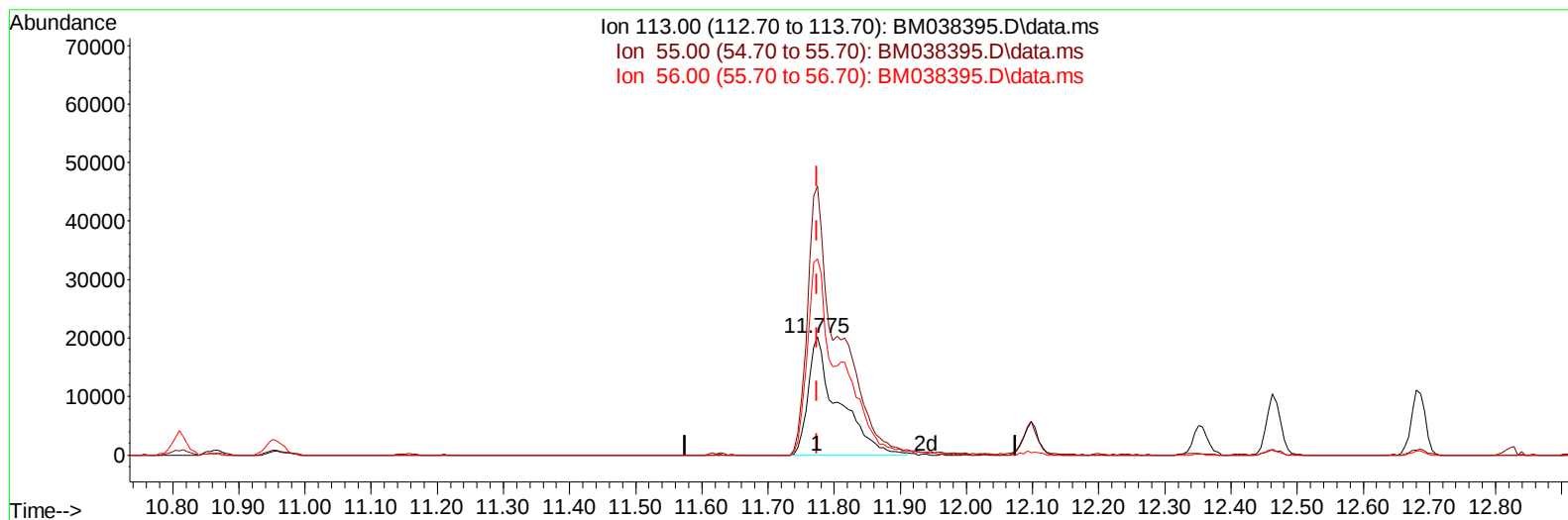
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 Supervised By :mohammad ahmed 01/09/2023



TIC: BM038395.D\data.ms

(34) Caprolactam

11.775min (0.000) 38.38 ng/ul m

response 64197

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	201.90	227.93
56.00	157.30	166.24
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	89474	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	350739	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	222876	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	511452	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	533870	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	545956	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	17449	6.324	ng/uL	0.00
4) Pyridine-d5	3.793	84	255257	31.978	ng/ul	0.00
7) Phenol-d5	7.163	99	293508	36.009	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	213005	36.327	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	218047	37.336	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	222274	35.327	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	104298	37.902	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	120307	38.550	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	238463	39.568	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	255685	30.745	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	655109	38.812	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	767397	39.013	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	103819	34.167	ng/ul	0.00
60) Fluorene-d10	15.621	176	583169	37.992	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	125576	33.877	ng/ul	0.00
73) Anthracene-d10	17.468	188	937277	37.989	ng/ul	0.00
81) Pyrene-d10	19.756	212	1149388	38.689	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	1093434	40.324	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	39876	13.537	ng/uL	95
5) Pyridine	3.810	79	299918	35.569	ng/ul	99
6) Benzaldehyde	7.140	77	207161	61.820	ng/ul	94
8) Phenol	7.187	94	337058	39.196	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.422	93	271827	39.479	ng/ul	99
12) 2-Chlorophenol	7.557	128	245720	40.741	ng/ul	98
13) 2-Methylphenol	8.445	108	234264	38.142	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.534	45	422980	38.732	ng/ul	97
16) Acetophenone	8.834	105	412950	37.090	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	247159	41.208	ng/ul	99
18) 4-Methylphenol	8.781	108	253339	37.912	ng/ul	95
19) Hexachloroethane	9.081	117	118788	42.294	ng/ul	93
22) Nitrobenzene	9.216	77	360044	39.670	ng/ul	98
23) Isophorone	9.745	82	640716	41.177	ng/ul	99
25) 2-Nitrophenol	9.928	139	136909	42.117	ng/ul	96
26) 2,4-Dimethylphenol	9.981	107	306305	40.307	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.222	93	361745	40.632	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	243947	41.628	ng/ul	98
30) Naphthalene	10.863	128	743503	39.742	ng/ul	99
32) 4-Chloroaniline	10.981	127	282205	33.303	ng/ul	97
33) Hexachlorobutadiene	11.133	225	187914	43.069	ng/ul	96
34) Caprolactam	11.775	113	64197m	38.380	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	259223	41.572	ng/ul	98

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 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/09/2023
 Supervised By :mohammad ahmed 01/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.463	142	505594	41.459	ng/ul	99
37) 1-Methylnaphthalene	12.680	142	512237	40.600	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.827	216	342867	43.511	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	213171	38.303	ng/ul	97
41) 2,4,6-Trichlorophenol	13.075	196	218513	44.676	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	228997	43.687	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	707390	41.989	ng/ul	97
44) 2-Chloronaphthalene	13.516	162	573501	41.691	ng/ul	100
45) 2-Nitroaniline	13.722	65	199873	43.436	ng/ul	99
47) Dimethylphthalate	14.092	163	711038	41.512	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	141933	43.519	ng/ul	92
50) Acenaphthylene	14.357	152	852026	40.831	ng/ul	99
51) 3-Nitroaniline	14.545	138	124643	41.506	ng/ul	99
52) Acenaphthene	14.692	153	610624	41.352	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	98743	40.496	ng/ul	96
55) 4-Nitrophenol	14.851	109	127152	39.977	ng/ul	96
56) Dibenzofuran	15.027	168	852491	40.621	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	204107	42.777	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	202241	43.196	ng/ul	98
59) Diethylphthalate	15.445	149	746020	42.021	ng/ul	99
61) Fluorene	15.674	166	763831	42.394	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	411515	43.396	ng/ul	98
63) 4-Nitroaniline	15.710	138	136773	47.595	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	138744	39.062	ng/ul	99
67) N-Nitrosodiphenylamine	15.880	169	604137	41.427	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	235637	43.490	ng/ul	95
69) Hexachlorobenzene	16.674	284	269158	43.068	ng/ul	95
70) Atrazine	16.833	200	236523	39.238	ng/ul	97
71) Pentachlorophenol	17.021	266	161069	39.053	ng/ul	98
72) Phenanthrene	17.415	178	1141595	40.908	ng/ul	99
74) Anthracene	17.504	178	1167580	40.688	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	341765	44.274	ng/uL	96
76) Pentachlorobenzene	14.945	250	309115	41.558	ng/uL	97
77) Carbazole	17.780	167	988483	37.569	ng/ul	99
78) Di-n-butylphthalate	18.327	149	1391491	44.264	ng/ul	99
80) Fluoranthene	19.421	202	1436540	42.756	ng/ul	100
82) Pyrene	19.786	202	1540353	42.068	ng/ul	98
83) Butylbenzylphthalate	20.668	149	625234	44.525	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.462	252	380619	34.188	ng/ul	99
85) Benzo(a)anthracene	21.527	228	1586115	41.746	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	1253179	57.813	ng/ul	96
87) Chrysene	21.580	228	1488807	40.789	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	1690840	43.292	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1553895	44.986	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	1474722	42.516	ng/ul	99
93) Benzo(a)pyrene	23.868	252	1323009	42.320	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	1655476	41.668	ng/ul	99
95) Dibenzo(a,h)anthracene	26.527	278	1409429	42.509	ng/ul	98
96) Benzo(g,h,i)perylene	27.303	276	1333414	40.989	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M

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