Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050225.D
Acq On : 9 Sep 2021 9:52
Operator : CG/JU
Sample : M3608-20MS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Sep 09 11:13:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKL5MS

Manual Integrations APPROVED
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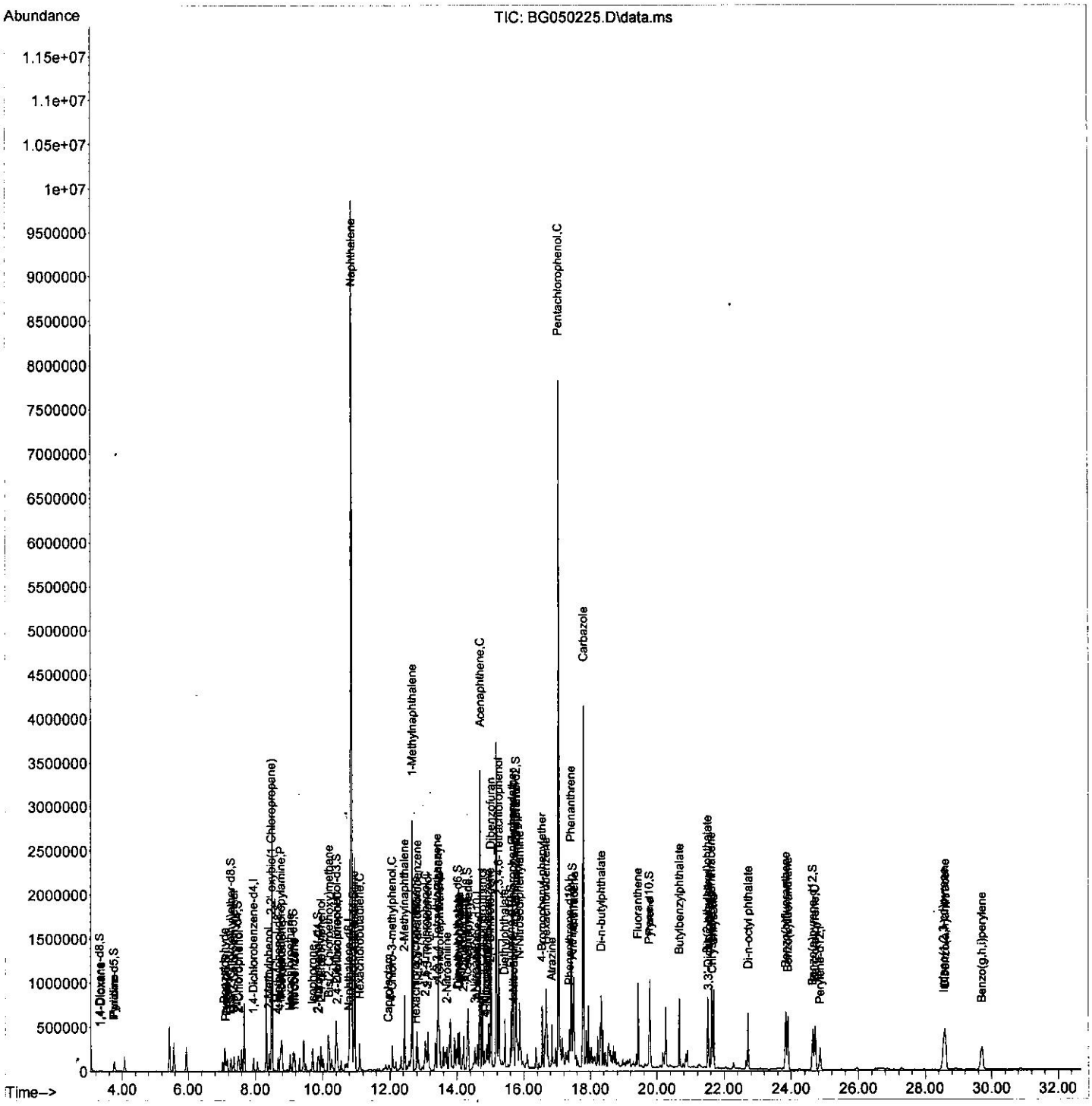

Quantitation Report (Qedit)

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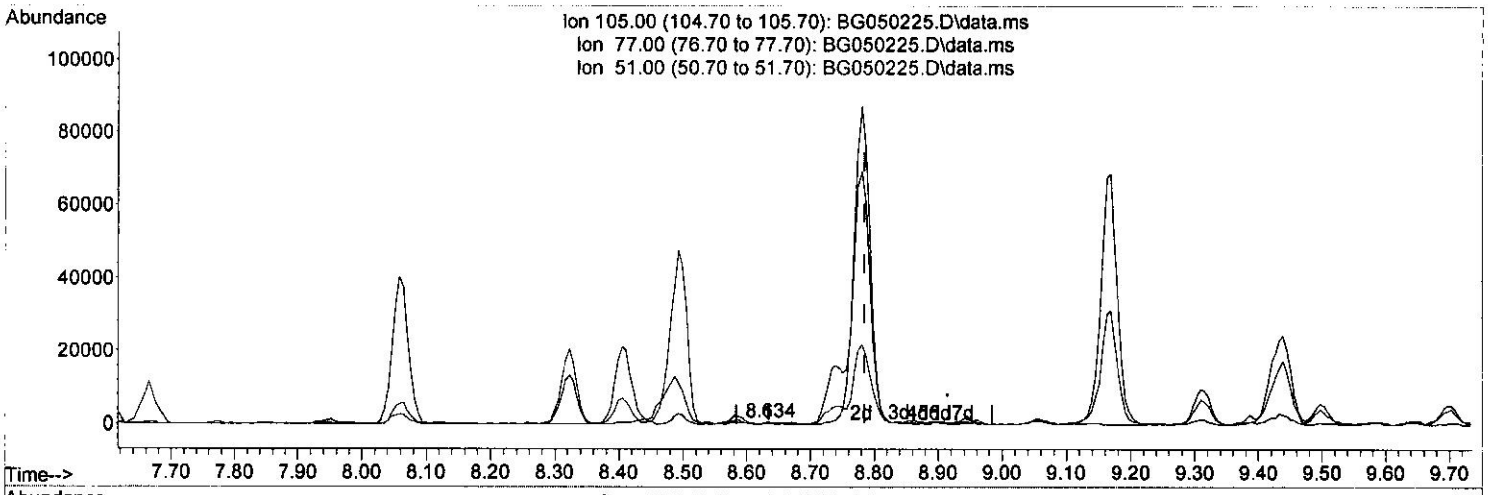

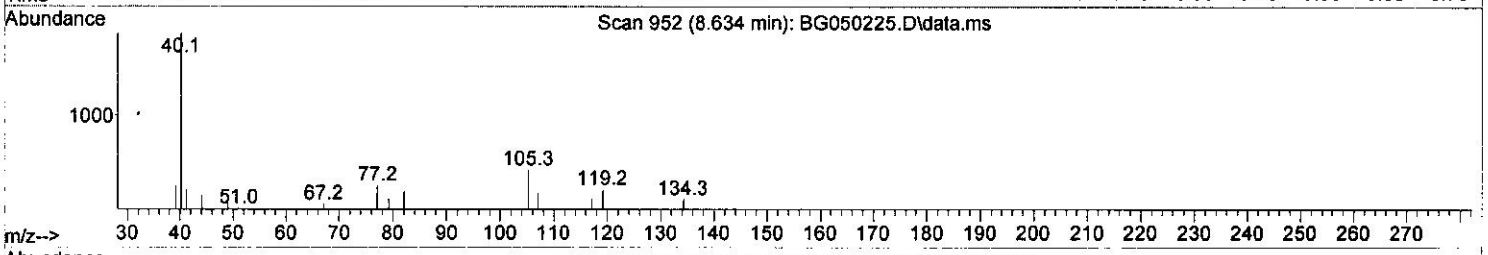

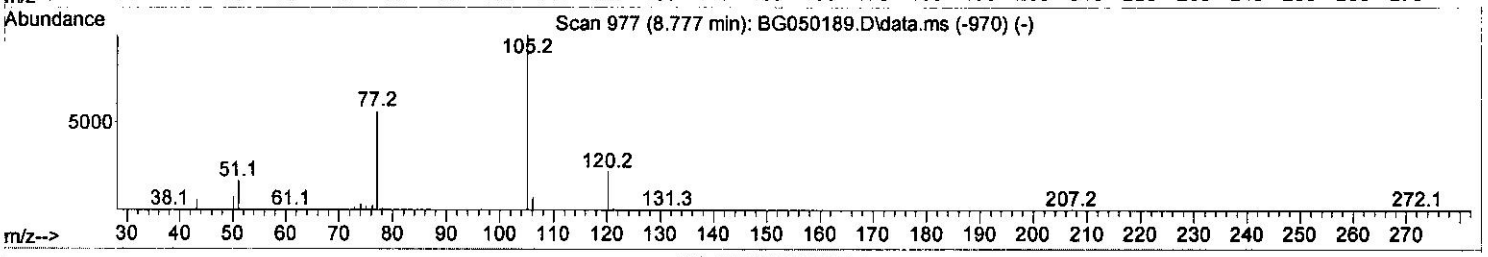

TIC: BG050225.D\data.ms

(16) Acetophenone

8.634min (-0.151) 0.09 ng/ul

response 390

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	84.60	72.96
51.00	31.60	33.46
0.00	0.00	0.00

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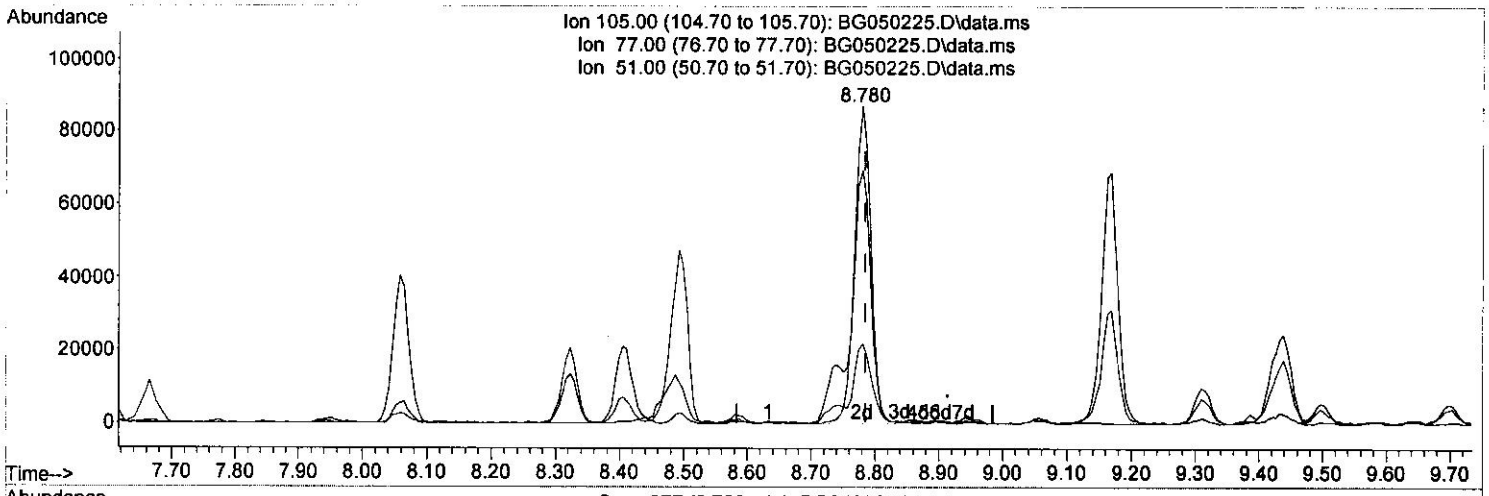

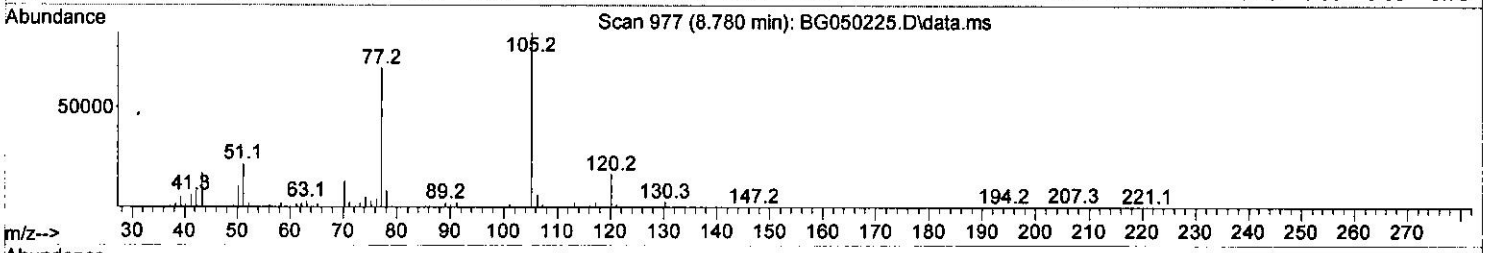

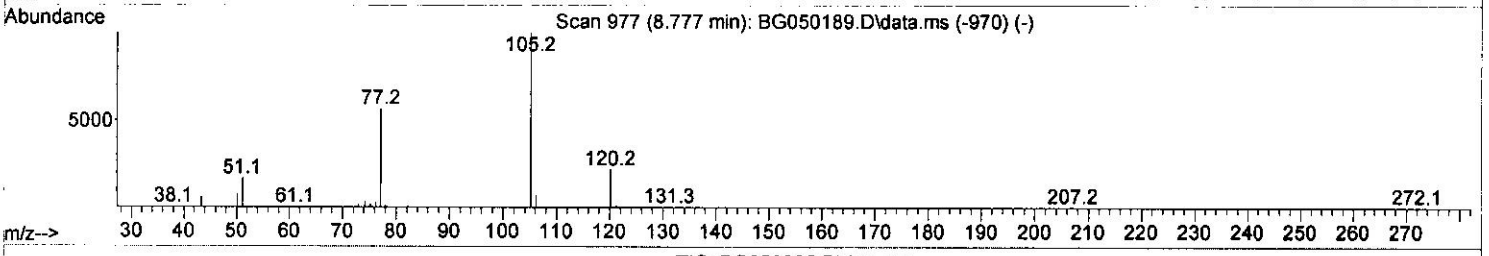

TIC: BG050225.D\data.ms

(16) Acetophenone

8.780min (-0.004) 36.72 ng/ul m } JV 9/10/21

response 154454

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	84.60	79.59
51.00	31.60	24.99#
0.00	0.00	0.00

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Manual Integrations APPROVED
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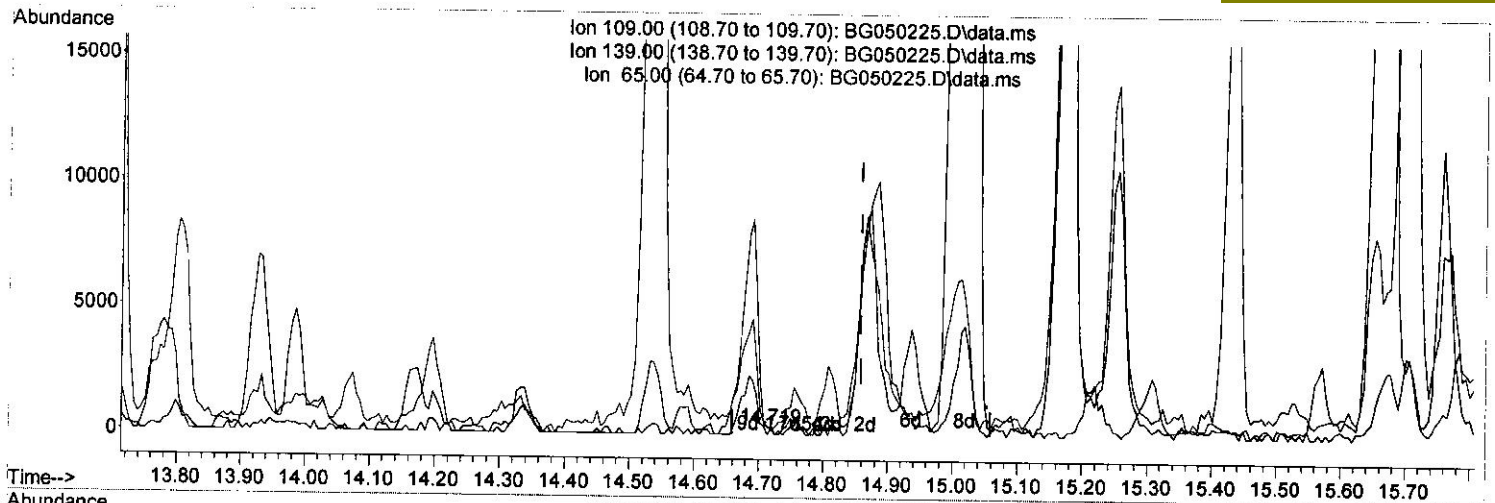

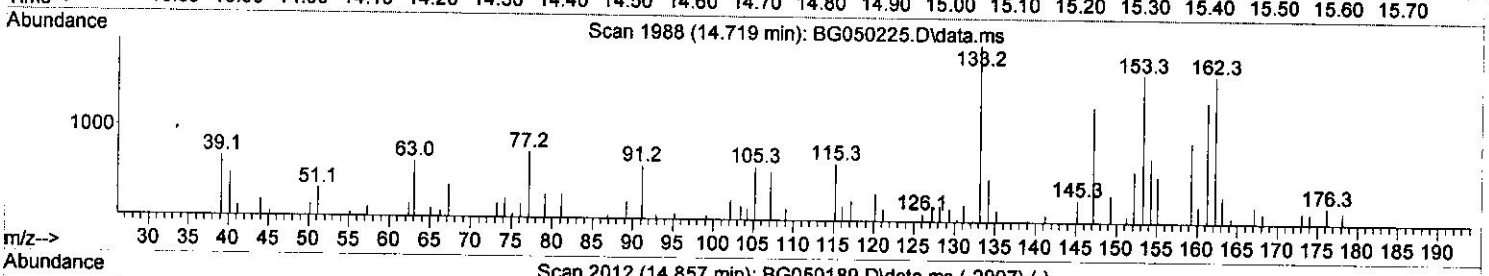

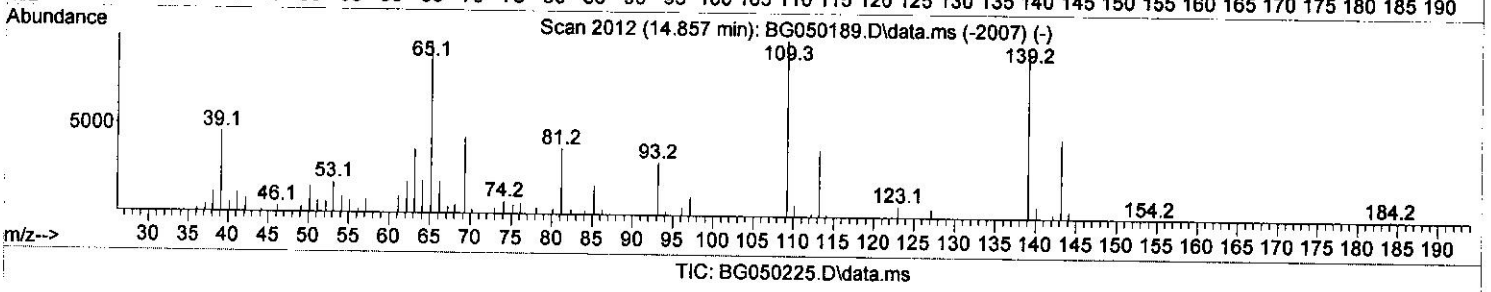

TIC: BG050225.D\data.ms

(55) 4-Nitrophenol

14.719min (-0.139) 0.09 ng/ul

response 94

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	76.70	66.17
65.00	95.60	89.10
0.00	0.00	0.00

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Misc :
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Manual Integrations APPROVED
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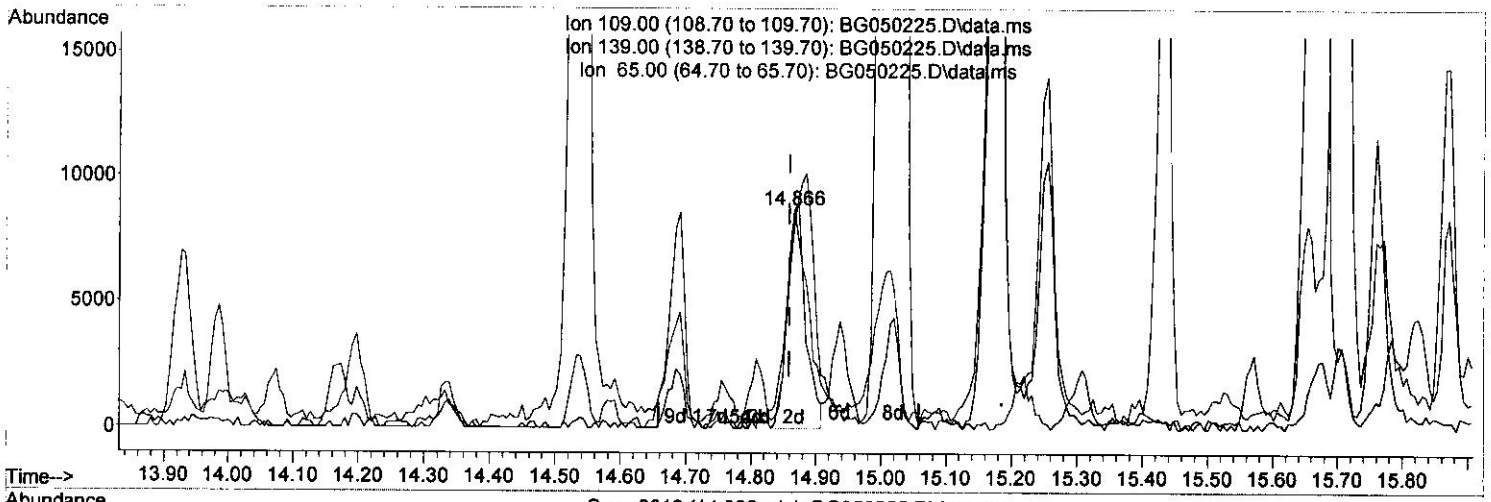

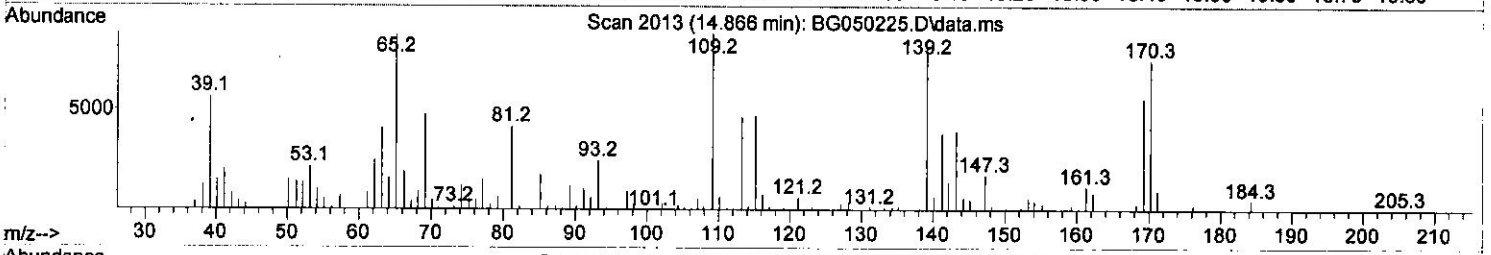

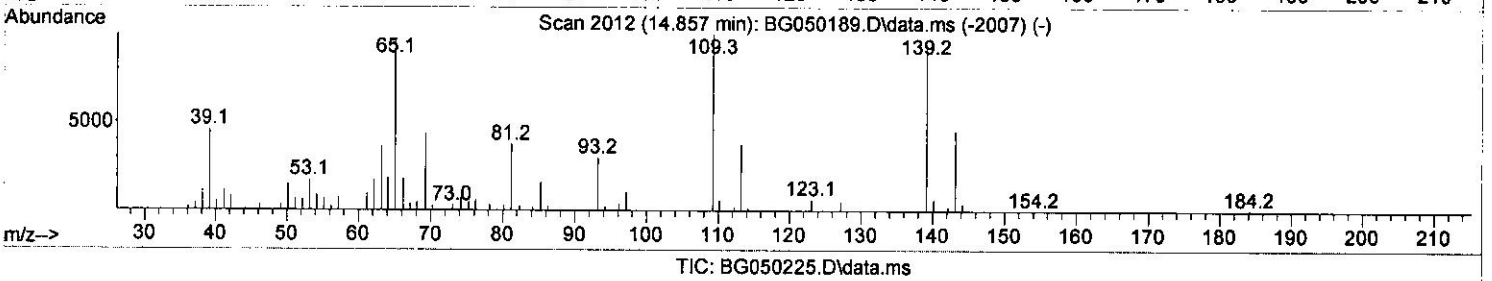

TIC: BG050225.D\data.ms

(55) 4-Nitrophenol

14.866min (+ 0.007) 16.39 ng/ul m JSV 9/10/21

response 17199

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	76.70	92.83#
65.00	95.60	99.40
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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BNA_G
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Manual Integrations APPROVED
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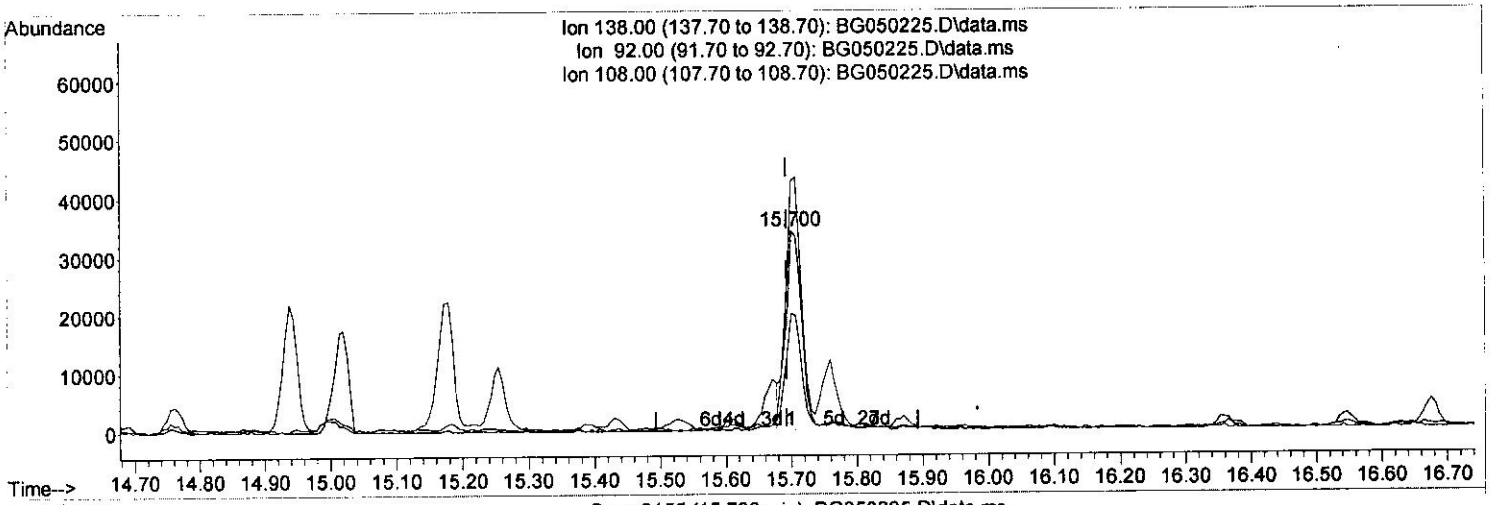

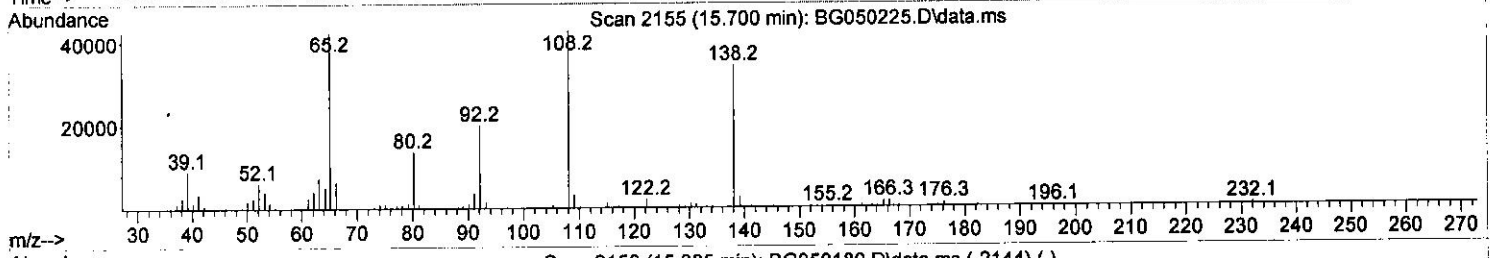

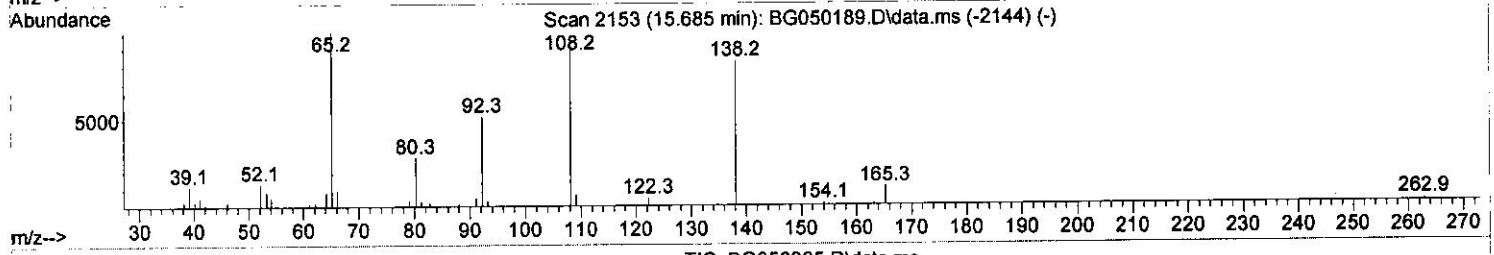

TIC: BG050225.D\data.ms

(63) 4-Nitroaniline

15.700min (+ 0.007) 43.12 ng/ul

response 58059

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.50	58.35
108.00	127.30	124.65
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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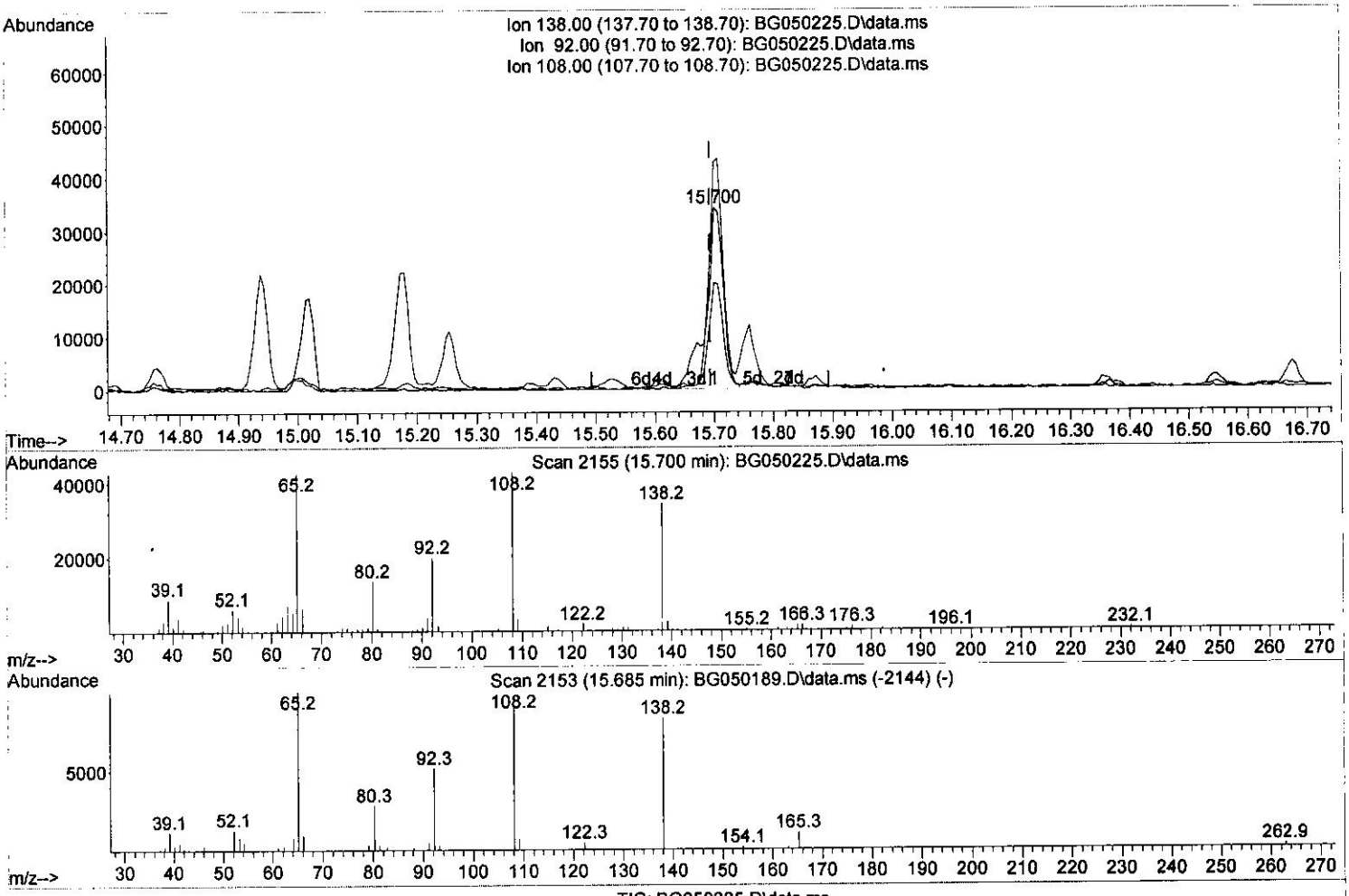

TIC: BG050225.D\data.ms

(63) 4-Nitroaniline

15.700min (+ 0.007) 52.38 ng/ul m JV 9/10/21

response 70521

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.50	58.35
108.00	127.30	124.65
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	46833	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	217897	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.614	164	103485	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	221163	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	236789	20.000	ng/ul	0.00
88) Perylene-d12	24.853	264	253159	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	3711	3.917	ng/uL	0.00
4) Pyridine-d5	3.740	84	49795	14.808	ng/ul	0.00
7) Phenol-d5	7.118	99	41744	11.480	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.271	67	69137	32.556	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.476	132	79591	26.373	ng/ul	-0.01
15) 4-Methylphenol-d8	8.675	113	56382	19.721	ng/ul	0.00
21) Nitrobenzene-d5	9.121	128	45578	30.474	ng/ul	0.00
24) 2-Nitrophenol-d4	9.850	143	49320	27.119	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.408	165	94904	27.342	ng/ul	0.00
31) 4-Chloroaniline-d4	10.913	131	115321	26.967	ng/ul	0.00
46) Dimethylphthalate-d6	14.026	166	299074	38.274	ng/ul	0.00
49) Acenaphthylene-d8	14.308	160	353393	37.982	ng/ul	0.00
54) 4-Nitrophenol-d4	14.855	143	14708	15.600	ng/ul	0.00
60) Fluorene-d10	15.612	176	259186	39.948	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.759	200	120475	90.305	ng/ul	0.00
73) Anthracene-d10	17.475	188	391675	39.450	ng/ul	0.00
81) Pyrene-d10	19.760	212	473950	40.184	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.641	264	520615	38.848	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.347	88	9072	8.410	ng/uL#	87
5) Pyridine	3.752	79	56334	15.939	ng/ul#	93
6) Benzaldehyde	7.083	77	94185	46.725	ng/ul#	81
8) Phenol	7.147	94	46454	12.973	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.365	93	91745	34.557	ng/ul	95
12) 2-Chlorophenol	7.512	128	79020	26.871	ng/ul#	89
13) 2-Methylphenol	8.404	108	74346	25.796	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	82034	30.617	ng/ul#	90
16) Acetophenone	8.780	105	154454m	36.718	ng/ul	
17) N-Nitroso-di-n-propyla...	8.763	70	76281	34.007	ng/ul	97
18) 4-Methylphenol	8.739	108	70195	25.643	ng/ul	83
19) Hexachloroethane	9.027	117	47471	38.701	ng/ul	96
22) Nitrobenzene	9.168	77	123037	31.588	ng/ul	99
23) Isophorone	9.697	82	223577	30.059	ng/ul	95
25) 2-Nitrophenol	9.885	139	49673	27.687	ng/ul	88
26) 2,4-Dimethylphenol	9.949	107	126607	29.655	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.179	93	143614	31.831	ng/ul	93
29) 2,4-Dichlorophenol	10.437	162	94382	29.729	ng/ul	98
30) Naphthalene	10.866	128	8389905	838.367	ng/ul#	40
32) 4-Chloroaniline	10.936	127	114679	28.469	ng/ul	91
33) Hexachlorobutadiene	11.101	225	76611	30.444	ng/ul	96
34) Caprolactam	11.953	113	8200	8.490	ng/ul#	83
35) 4-Chloro-3-methylphenol	12.070	107	111548	31.174	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.434	142	385937	52.151	ng/ul	98
37) 1-Methylnaphthalene	12.663	142	1331394	187.363	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	128401	36.685	ng/ul#	94
40) Hexachlorocyclopentadiene	12.775	237	4564	4.809	ng/ul	92
41) 2,4,6-Trichlorophenol	13.051	196	78521	39.734	ng/ul	91
42) 2,4,5-Trichlorophenol	13.127	196	112627	54.499	ng/ul	93
43) 1,1'-Biphenyl	13.445	154	651418	87.195	ng/ul	98
44) 2-Chloronaphthalene	13.486	162	219780	37.408	ng/ul	99
45) 2-Nitroaniline	13.703	65	75319	40.494	ng/ul	98
47) Dimethylphthalate	14.073	163	296006	39.689	ng/ul	99
48) 2,6-Dinitrotoluene	14.197	165	64890	40.863	ng/ul	93
50) Acenaphthylene	14.338	152	392231	45.107	ng/ul	95
51) 3-Nitroaniline	14.537	138	57563	39.816	ng/ul	98
52) Acenaphthene	14.690	153	1498800	241.899	ng/ul	96
53) 2,4-Dinitrophenol	14.761	184	28457	43.756	ng/ul#	1
55) 4-Nitrophenol	14.866	109	17199m	16.392	ng/ul	
56) Dibenzofuran	15.019	168	1229636	144.247	ng/ul	96
57) 2,4-Dinitrotoluene	14.996	165	94415	41.606	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.254	232	327661	209.334	ng/ul#	95
59) Diethylphthalate	15.430	149	306761	40.694	ng/ul	97
61) Fluorene	15.671	166	892838	124.926	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.653	204	148769	39.094	ng/ul	98
63) 4-Nitroaniline	15.700	138	70521m	52.375	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.765	198	245859	207.504	ng/ul#	63
67) N-Nitrosodiphenylamine	15.871	169	246558	41.229	ng/ul	95
68) 4-Bromophenyl-phenylether	16.546	248	106052	40.465	ng/ul#	89
69) Hexachlorobenzene	16.676	284	120828	40.663	ng/ul	93
70) Atrazine	16.846	200	98997	39.481	ng/ul	98
71) Pentachlorophenol	17.052	266	1818873	2234.636	ng/ul	98
72) Phenanthrene	17.422	178	1170478	103.767	ng/ul	97
74) Anthracene	17.510	178	514382	44.973	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.409	216	134982	39.383	ng/uL	92
76) Pentachlorobenzene	14.937	250	135661	38.334	ng/uL	98
77) Carbazole	17.798	167	2864223	284.048	ng/ul#	88
78) Di-n-butylphthalate	18.320	149	485357	39.802	ng/ul	100
80) Fluoranthene	19.425	202	598900	40.855	ng/ul#	98
82) Pyrene	19.789	202	578387	40.227	ng/ul	98
83) Butylbenzylphthalate	20.664	149	233373	42.440	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.534	252	133927	26.222	ng/ul#	99
85) Benzo(a)anthracene	21.622	228	583092	40.223	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.504	149	338675	41.240	ng/ul	98
87) Chrysene	21.686	228	555589	41.114	ng/ul	95
89) Di-n-octyl phthalate	22.709	149	570373	38.929	ng/ul	100
90) Benzo(b)fluoranthene	23.837	252	706449	44.590	ng/ul#	98
91) Benzo(k)fluoranthene	23.901	252	599424	39.635	ng/ul	99
93) Benzo(a)pyrene	24.706	252	553651	39.973	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.554	276	731567	40.309	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.601	278	605339	40.207	ng/ul	98
96) Benzo(g,h,i)perylene	29.705	276	582198	40.038	ng/ul	95

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