Quantitation Report (QT Reviewed)

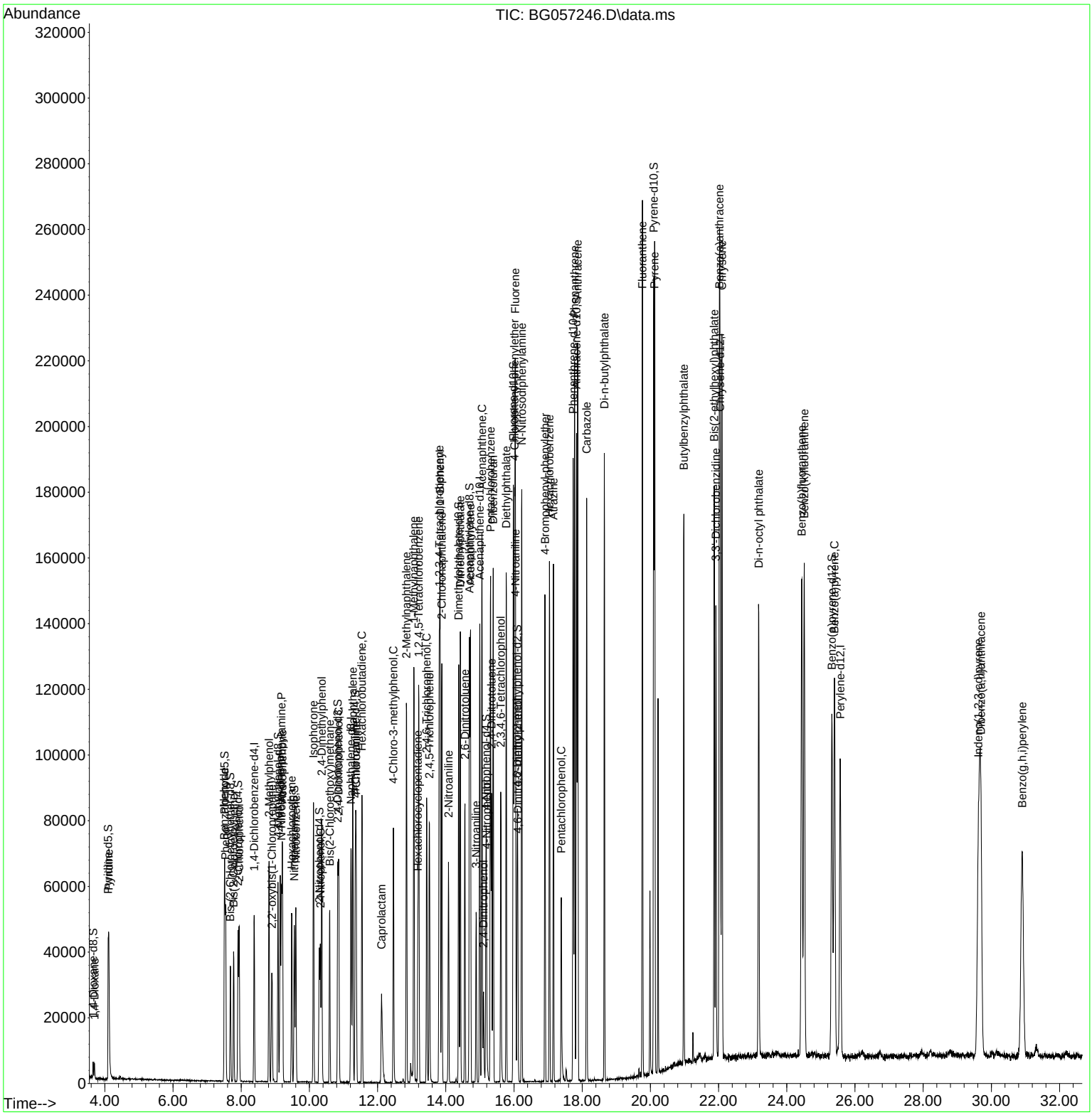
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057246.D
Acq On : 1 May 2023 9:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 22:33:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020468

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.381	152	14548	20.000	ng/ul		0.00
20) Naphthalene-d8	11.218	136	63644	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.996	164	49541	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.733	188	125551	20.000	ng/ul		0.00
79) Chrysene-d12	22.051	240	109927	20.000	ng/ul	#	0.00
88) Perylene-d12	25.570	264	113877	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.658	96	2574	7.786	ng/uL		0.00
4) Pyridine-d5	4.099	84	20957	20.107	ng/ul		0.00
7) Phenol-d5	7.512	99	28305	20.573	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.682	67	16786	20.744	ng/ul		0.00
11) 2-Chlorophenol-d4	7.905	132	19643	21.665	ng/ul		0.00
15) 4-Methylphenol-d8	9.080	113	21707	20.759	ng/ul		0.00
21) Nitrobenzene-d5	9.556	128	10980	21.664	ng/ul		0.00
24) 2-Nitrophenol-d4	10.290	143	12516	21.160	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.831	165	25300	22.170	ng/ul		0.00
31) 4-Chloroaniline-d4	11.348	131	32193	21.285	ng/ul		0.00
46) Dimethylphthalate-d6	14.379	166	86523	22.041	ng/ul		0.00
49) Acenaphthylene-d8	14.696	160	97295	22.053	ng/ul		0.00
54) 4-Nitrophenol-d4	15.178	143	11388	19.930	ng/ul		0.00
60) Fluorene-d10	15.983	176	81605	22.316	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.094	200	15033	20.209	ng/ul		0.00
73) Anthracene-d10	17.833	188	127182	22.193	ng/ul		0.00
81) Pyrene-d10	20.101	212	142961	21.910	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.323	264	127672	22.006	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.699	88	3069	8.754	ng/uL#		70
5) Pyridine	4.116	79	23133	21.055	ng/ul		96
6) Benzaldehyde	7.506	77	10650m	25.345	ng/ul		
8) Phenol	7.541	94	28556	20.593	ng/ul		97
10) Bis(2-Chloroethyl)ether	7.776	93	22917	22.081	ng/ul		90
12) 2-Chlorophenol	7.941	128	20894	21.940	ng/ul		98
13) 2-Methylphenol	8.816	108	21687	20.180	ng/ul		91
14) 2,2'-oxybis(1-Chloropr...	8.898	45	27452	20.516	ng/ul#		96
16) Acetophenone	9.209	105	38204	21.232	ng/ul		95
17) N-Nitroso-di-n-propyla...	9.180	70	22114	21.387	ng/ul#		96
18) 4-Methylphenol	9.145	108	24682	21.218	ng/ul		99
19) Hexachloroethane	9.480	117	8844	22.196	ng/ul		93
22) Nitrobenzene	9.603	77	32679	21.653	ng/ul		97
23) Isophorone	10.120	82	60422	21.042	ng/ul		99
25) 2-Nitrophenol	10.326	139	13289	22.181	ng/ul		95
26) 2,4-Dimethylphenol	10.361	107	28659	21.087	ng/ul		93
27) Bis(2-Chloroethoxy)met...	10.596	93	30945	20.732	ng/ul		100
29) 2,4-Dichlorophenol	10.860	162	24106	22.255	ng/ul		98
30) Naphthalene	11.271	128	74836	21.416	ng/ul		99
32) 4-Chloroaniline	11.371	127	33873	21.494	ng/ul		99
33) Hexachlorobutadiene	11.542	225	20556	22.375	ng/ul		92
34) Caprolactam	12.117	113	7575	20.773	ng/ul		91
35) 4-Chloro-3-methylphenol	12.464	107	26950	21.624	ng/ul		95
36) 2-Methylnaphthalene	12.846	142	55150	21.521	ng/ul		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	13.063	142	55217	21.429	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	13.210	216	40854	22.693	ng/ul	97
40)	Hexachlorocyclopentadiene	13.181	237	14685	16.345	ng/ul	94
41)	2,4,6-Trichlorophenol	13.439	196	23507	22.419	ng/ul	95
42)	2,4,5-Trichlorophenol	13.515	196	25673	22.806	ng/ul	90
43)	1,1'-Biphenyl	13.833	154	83885	22.191	ng/ul	99
44)	2-Chloronaphthalene	13.885	162	65837	22.462	ng/ul	98
45)	2-Nitroaniline	14.079	65	19052	21.532	ng/ul	100
47)	Dimethylphthalate	14.426	163	86055	21.830	ng/ul	99
48)	2,6-Dinitrotoluene	14.561	165	18217	22.455	ng/ul	99
50)	Acenaphthylene	14.726	152	100167	22.342	ng/ul	98
51)	3-Nitroaniline	14.890	138	12881	22.409	ng/ul	100
52)	Acenaphthene	15.060	153	69730	21.829	ng/ul	98
53)	2,4-Dinitrophenol	15.107	184	8515	19.710	ng/ul	95
55)	4-Nitrophenol	15.195	109	13435	20.741	ng/ul	93
56)	Dibenzofuran	15.389	168	102358	22.189	ng/ul	93
57)	2,4-Dinitrotoluene	15.342	165	26300	22.646	ng/ul#	98
58)	2,3,4,6-Tetrachlorophenol	15.613	232	23504	22.978	ng/ul	99
59)	Diethylphthalate	15.771	149	85803	21.424	ng/ul	98
61)	Fluorene	16.035	166	86548	22.188	ng/ul	98
62)	4-Chlorophenyl-phenyle...	16.012	204	51887	22.791	ng/ul	97
63)	4-Nitroaniline	16.047	138	10635	19.537	ng/ul	96
66)	4,6-Dinitro-2-methylph...	16.112	198	15508	20.459	ng/ul	100
67)	N-Nitrosodiphenylamine	16.229	169	72620	22.143	ng/ul	99
68)	4-Bromophenyl-phenylether	16.911	248	33787	22.515	ng/ul	94
69)	Hexachlorobenzene	17.040	284	35680	22.579	ng/ul	95
70)	Atrazine	17.157	200	32493	22.292	ng/ul	99
71)	Pentachlorophenol	17.387	266	13696m	18.751	ng/ul	
72)	Phenanthrene	17.774	178	144623	22.120	ng/ul	100
74)	Anthracene	17.868	178	145484	22.152	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.809	216	42964	22.752	ng/uL	99
76)	Pentachlorobenzene	15.313	250	43853	22.814	ng/uL	97
77)	Carbazole	18.133	167	119785	21.825	ng/ul	99
78)	Di-n-butylphthalate	18.650	149	135837	21.644	ng/ul	99
80)	Fluoranthene	19.766	202	171059	22.070	ng/ul	98
82)	Pyrene	20.124	202	171389	21.843	ng/ul	98
83)	Butylbenzylphthalate	20.982	149	51595	20.533	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.922	252	57790	23.672	ng/ul	95
85)	Benzo(a)anthracene	22.027	228	169806	21.841	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.875	149	74888	20.491	ng/ul	98
87)	Chrysene	22.098	228	160705	21.909	ng/ul	96
89)	Di-n-octyl phthalate	23.179	149	128777	20.478	ng/ul	100
90)	Benzo(b)fluoranthene	24.436	252	169851m	21.539	ng/ul	
91)	Benzo(k)fluoranthene	24.512	252	174389	22.730	ng/ul	99
93)	Benzo(a)pyrene	25.399	252	149759	21.997	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.623	276	190592	22.395	ng/ul	99
95)	Dibenzo(a,h)anthracene	29.693	278	157700	22.347	ng/ul	98
96)	Benzo(g,h,i)perylene	30.909	276	153901	22.345	ng/ul	99

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

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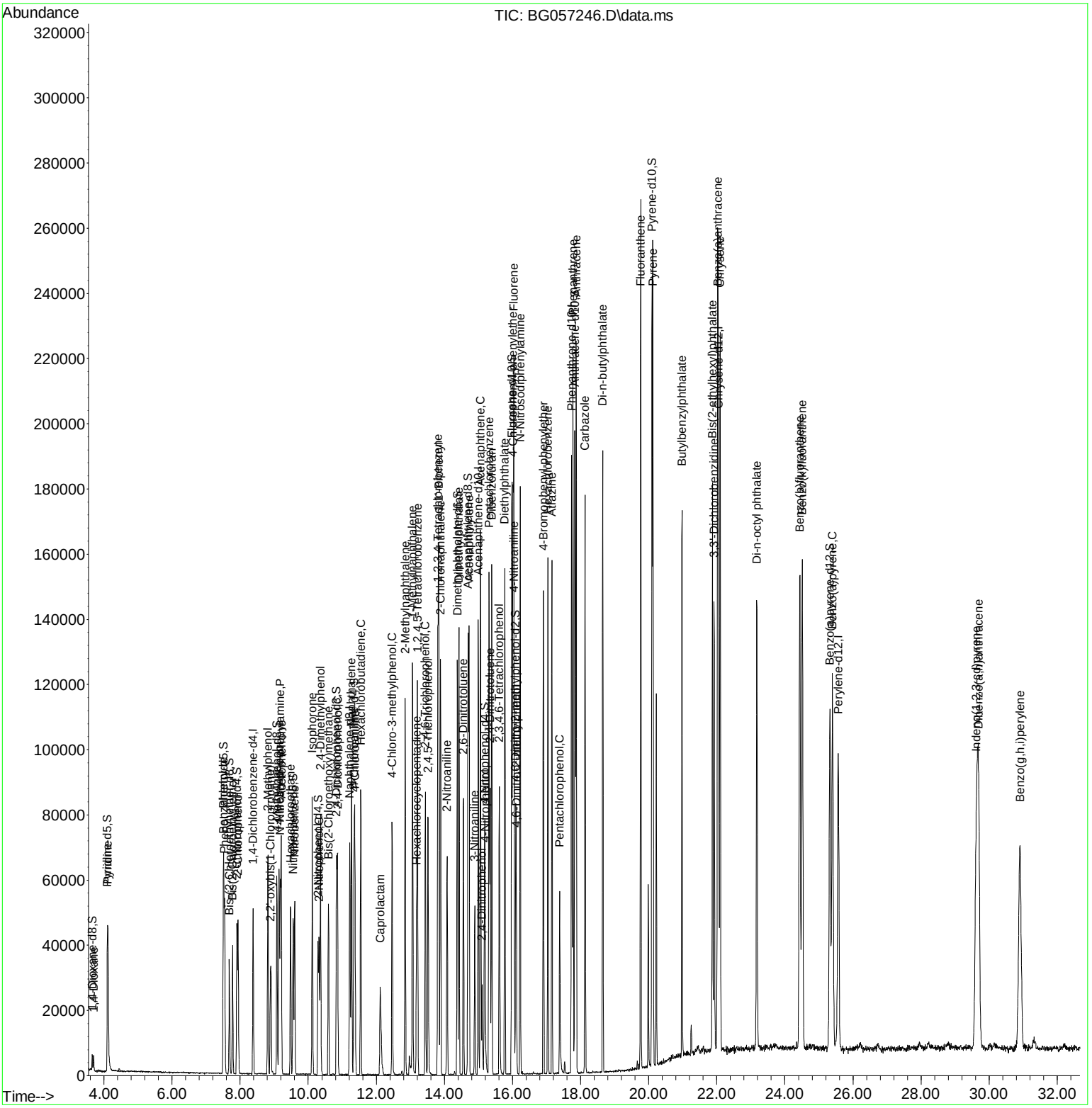

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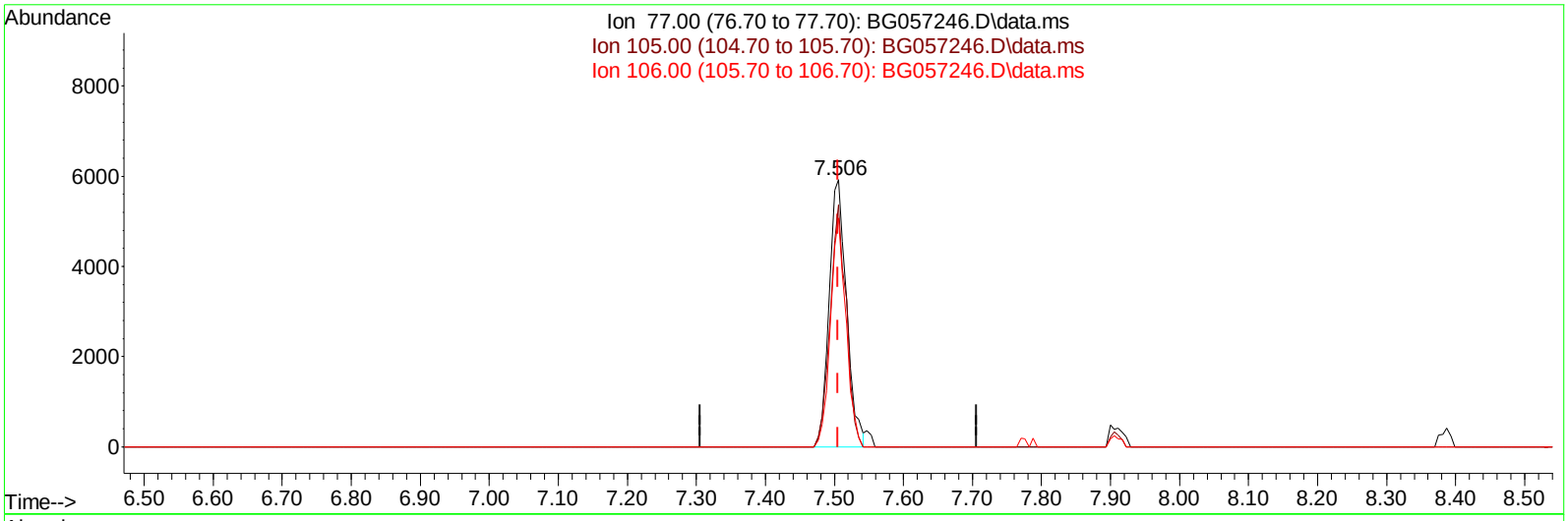

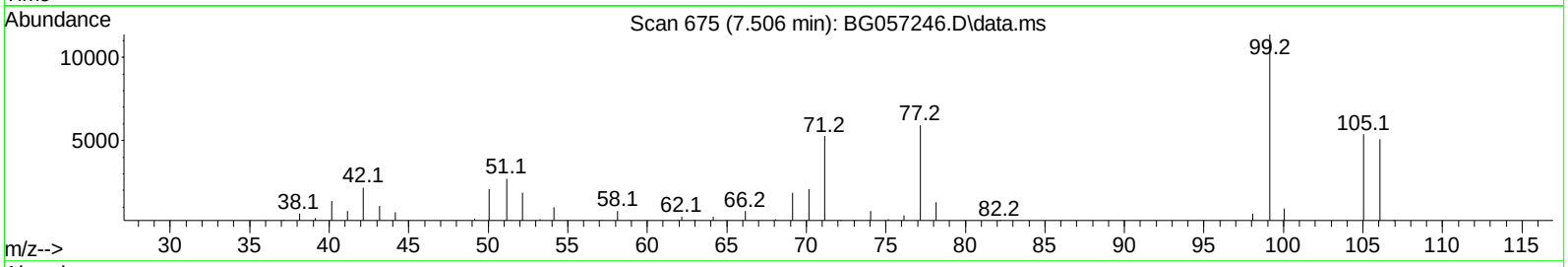

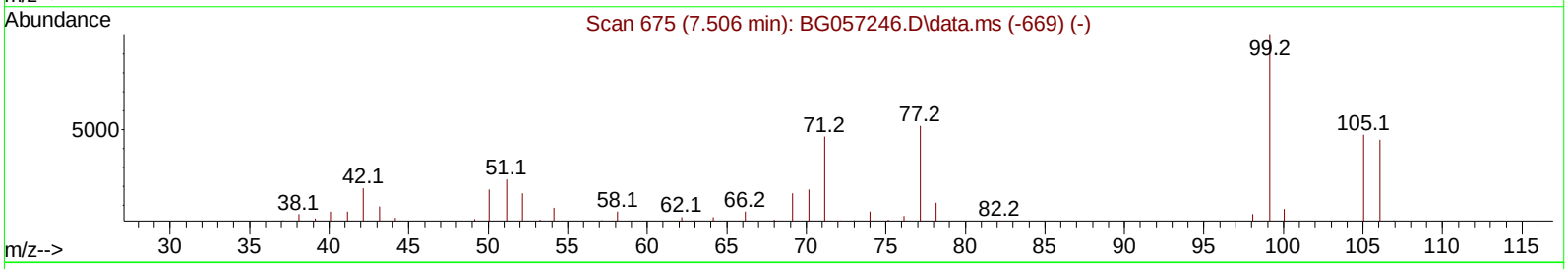

TIC: BG057246.D\data.ms

(6) Benzaldehyde

7.506min (0.000) 24.84 ng/ul

response 10436

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.70	90.68
106.00	98.40	85.78
0.00	0.00	0.00

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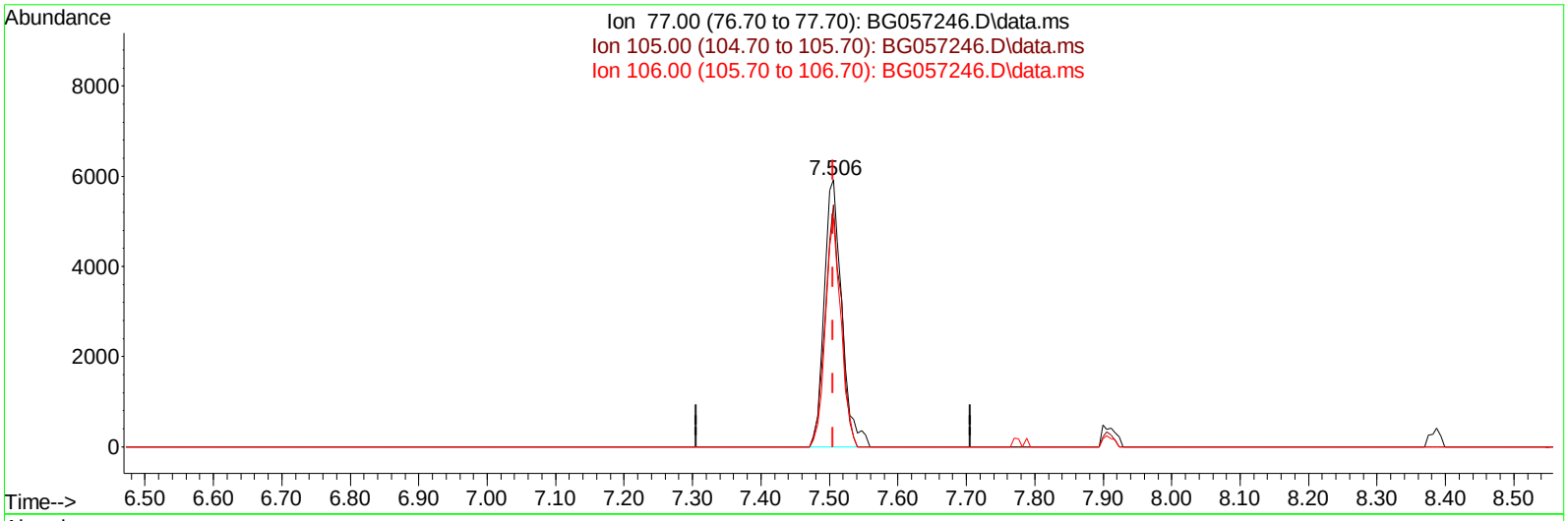

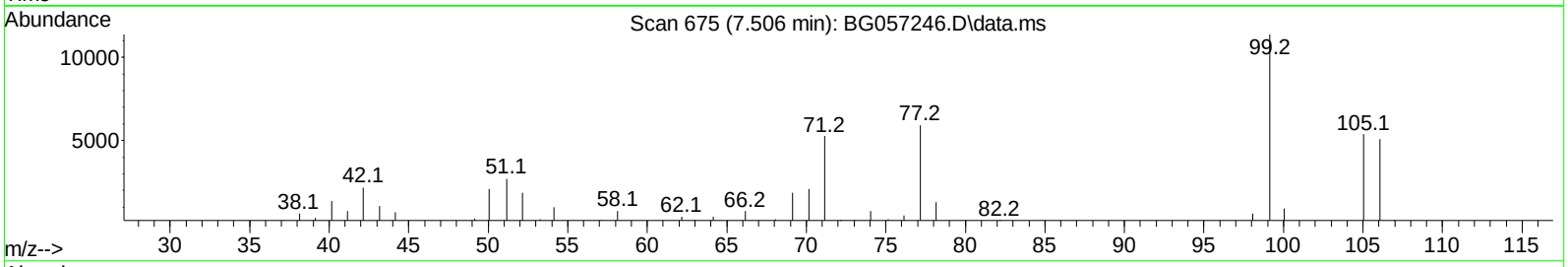

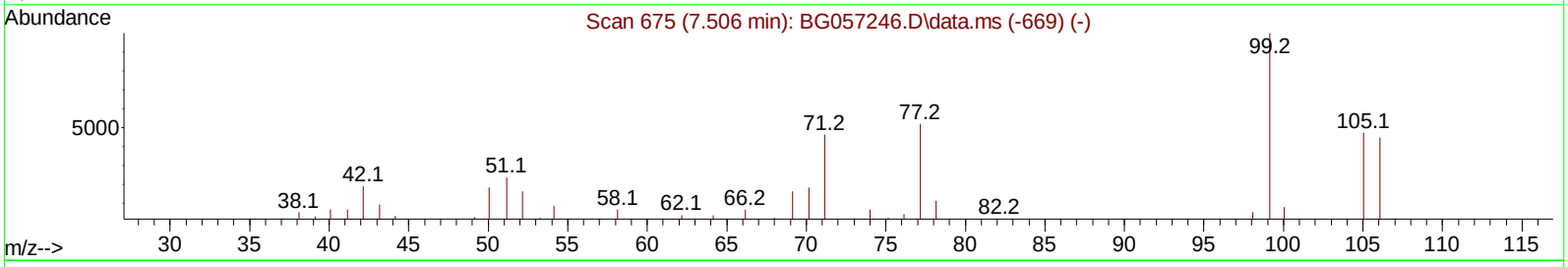

TIC: BG057246.D\data.ms

(6) Benzaldehyde

7.506min (0.000) 25.34 ng/ul m

response 10650

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.70	90.68
106.00	98.40	85.78
0.00	0.00	0.00

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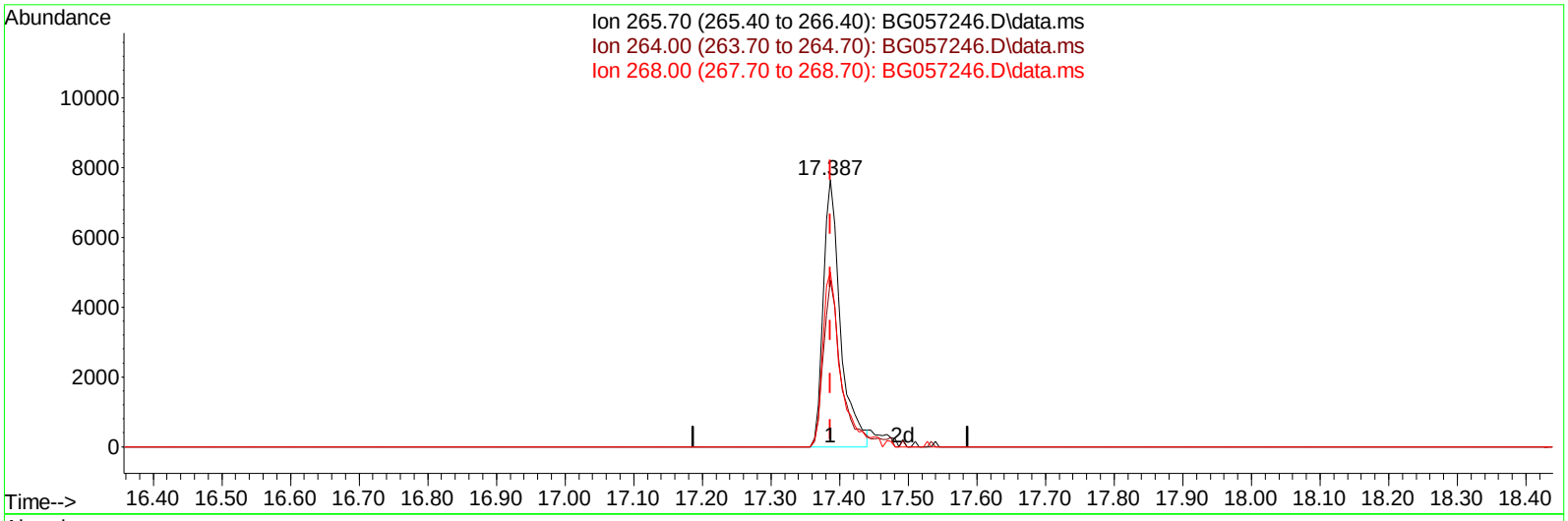

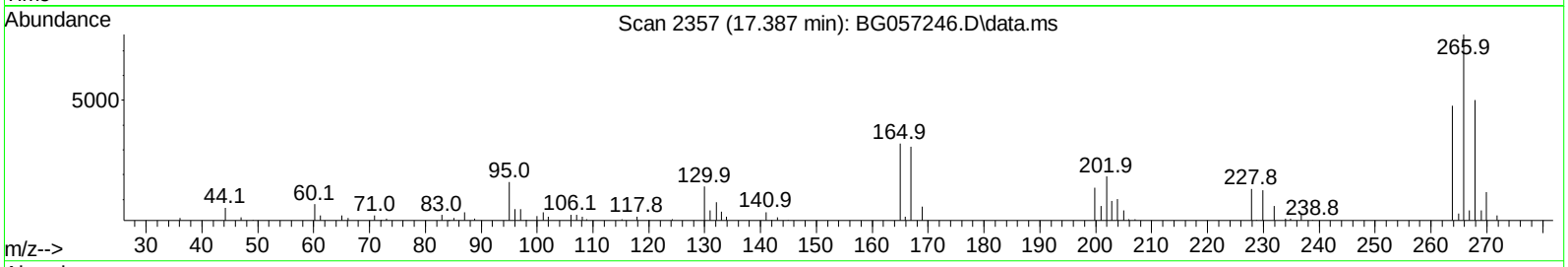

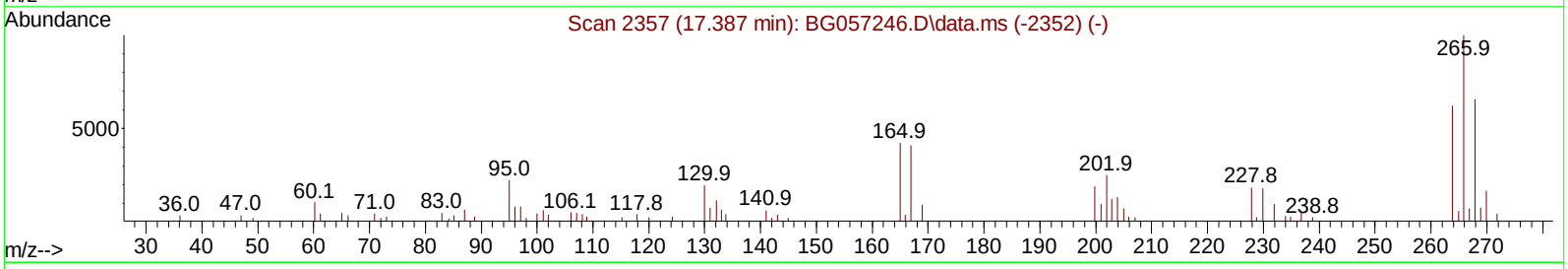

TIC: BG057246.D\data.ms

(71) Pentachlorophenol (C)

17.387min (0.000) 18.19 ng/ul

response 13288

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	59.70	62.40
268.00	60.30	65.50
0.00	0.00	0.00

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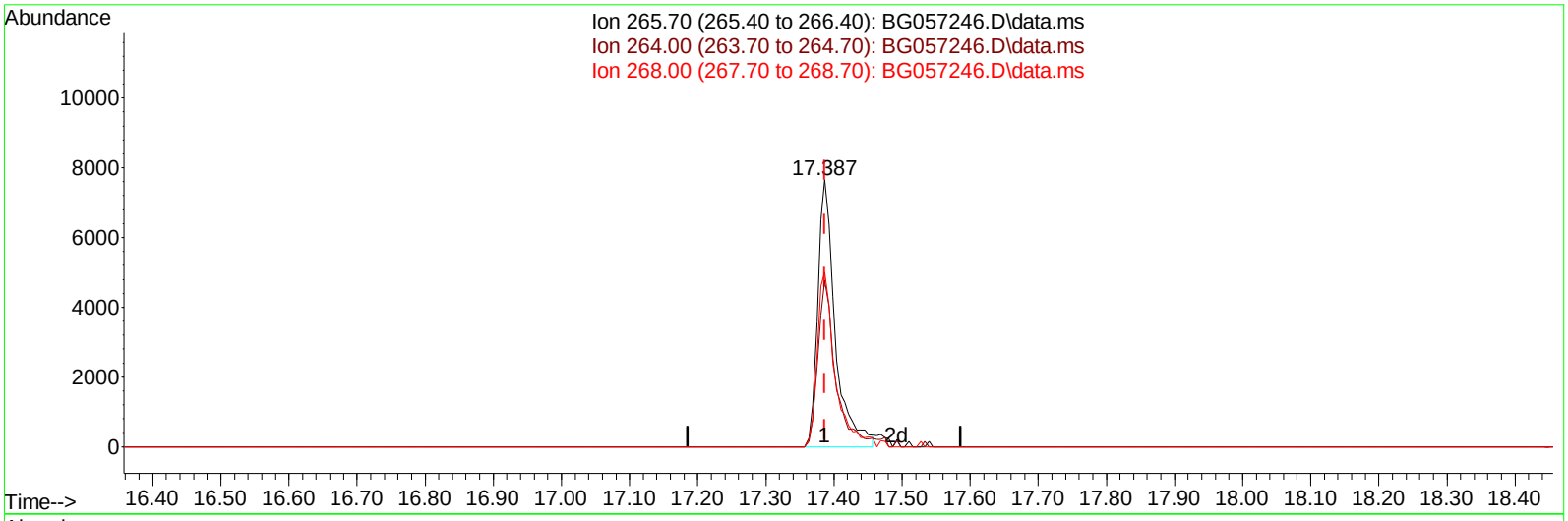

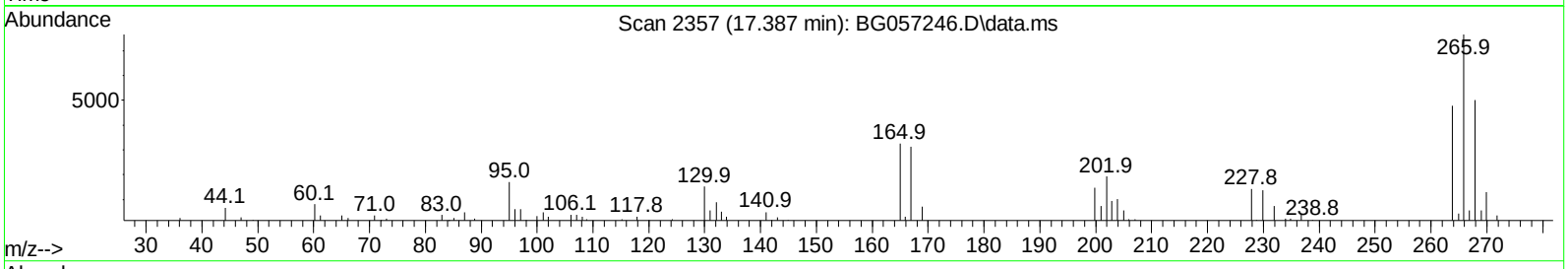

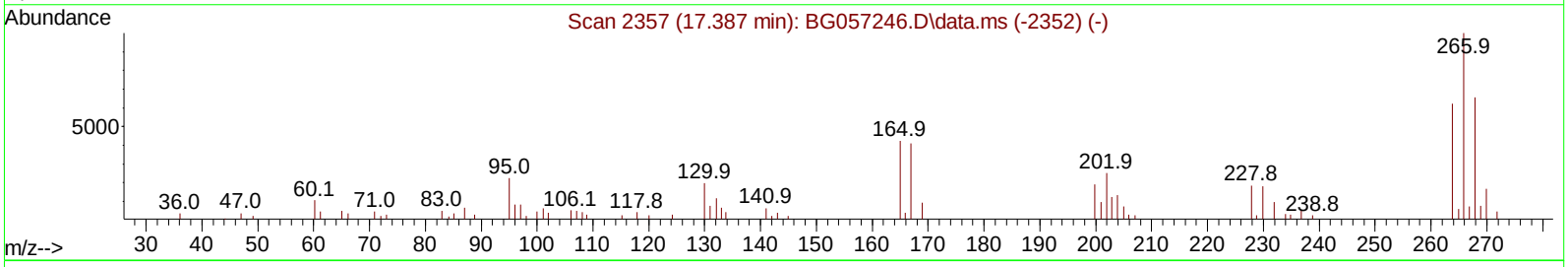

TIC: BG057246.D\data.ms

(71) Pentachlorophenol (C)

17.387min (0.000) 18.75 ng/ul m

response 13696

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	59.70	62.40
268.00	60.30	65.50
0.00	0.00	0.00

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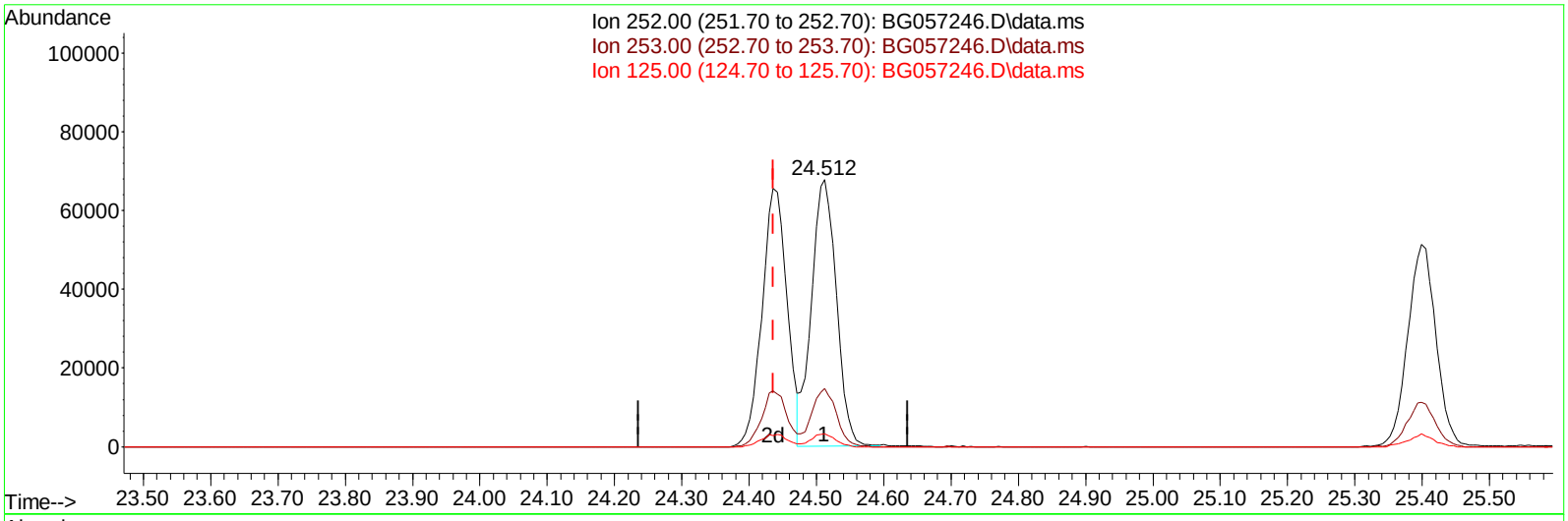
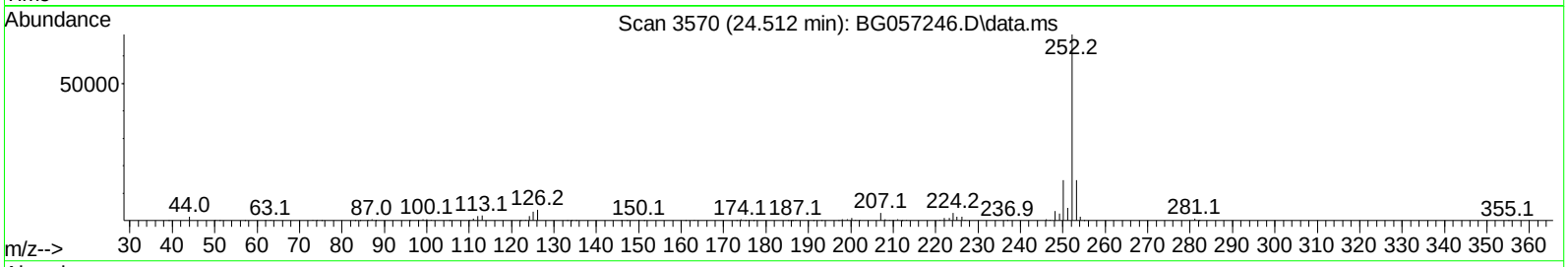
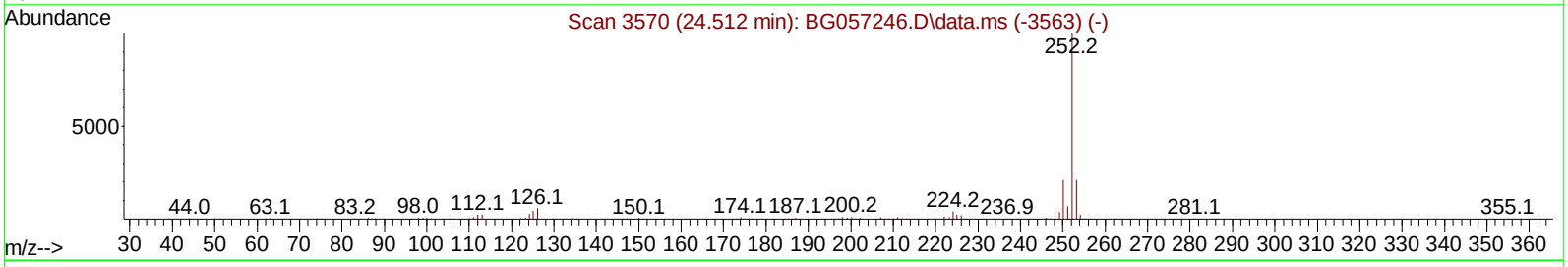






TIC: BG057246.D\data.ms

(90) Benzo(b)fluoranthene

24.512min (+ 0.076) 22.01 ng/ul

response 173601

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.90	21.81
125.00	6.00	4.82
0.00	0.00	0.00

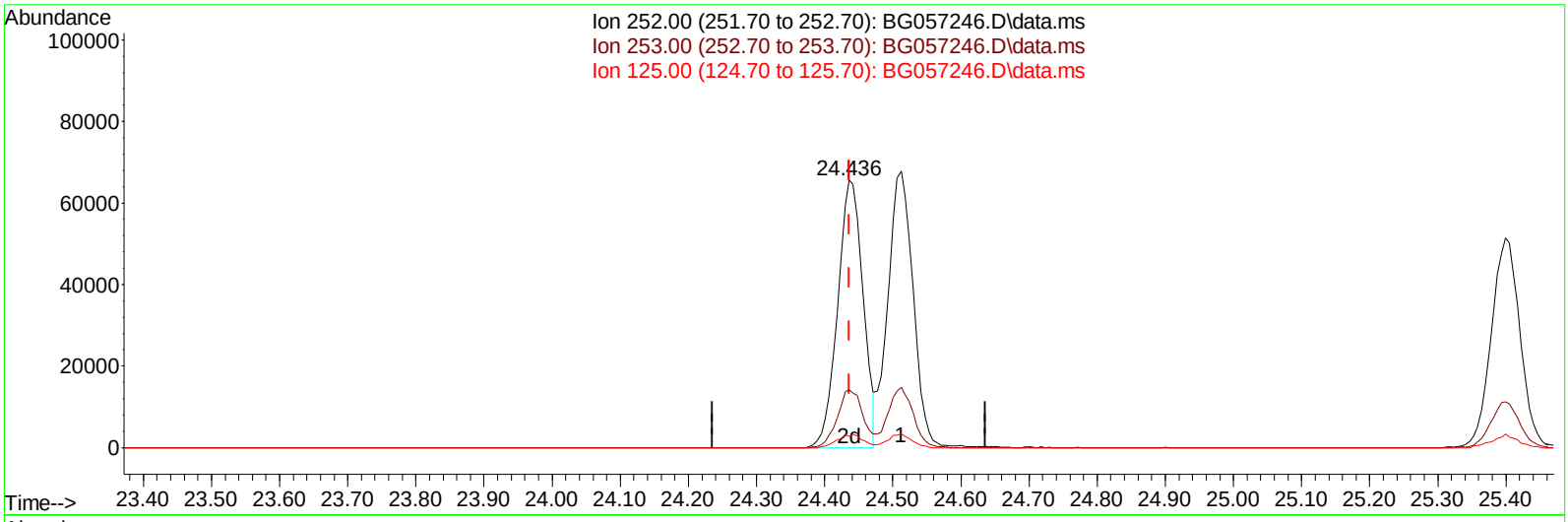
Quantitation Report (Qedit)

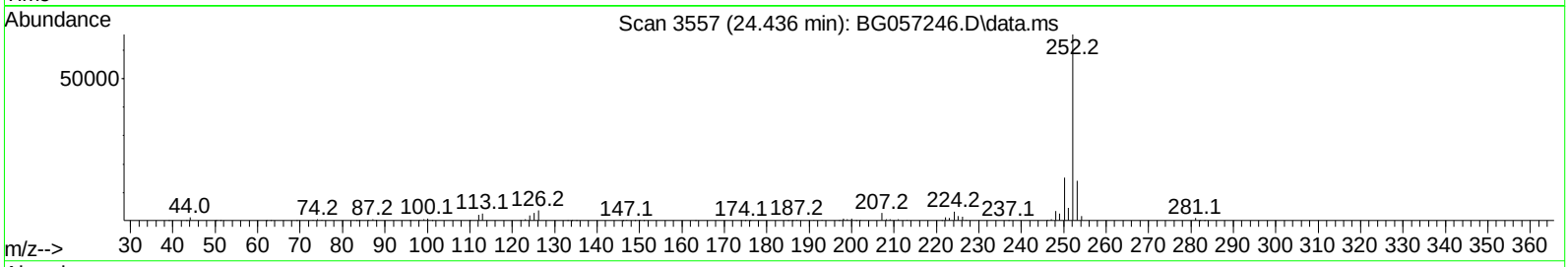
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057246.D
Acq On : 1 May 2023 9:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

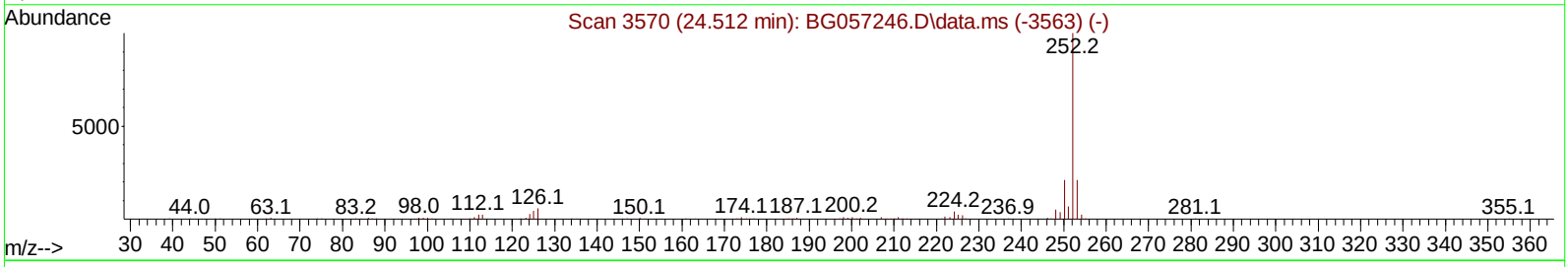
Quant Time: May 01 22:28:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020468

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023







TIC: BG057246.D\data.ms

(90) Benzo(b)fluoranthene

24.436min (0.000) 21.54 ng/ul m

response 169851

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.90	21.57
125.00	6.00	4.20#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057246.D
Acq On : 1 May 2023 9:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 22:33:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020468

Manual Integrations APPROVED

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Supervised By :Jagrut Upadhyay 05/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.381	152	14548	20.000	ng/ul	0.00
20) Naphthalene-d8	11.218	136	63644	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.996	164	49541	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.733	188	125551	20.000	ng/ul	0.00
79) Chrysene-d12	22.051	240	109927	20.000	ng/ul	# 0.00
88) Perylene-d12	25.570	264	113877	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	2574	7.786	ng/uL	0.00
4) Pyridine-d5	4.099	84	20957	20.107	ng/ul	0.00
7) Phenol-d5	7.512	99	28305	20.573	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.682	67	16786	20.744	ng/ul	0.00
11) 2-Chlorophenol-d4	7.905	132	19643	21.665	ng/ul	0.00
15) 4-Methylphenol-d8	9.080	113	21707	20.759	ng/ul	0.00
21) Nitrobenzene-d5	9.556	128	10980	21.664	ng/ul	0.00
24) 2-Nitrophenol-d4	10.290	143	12516	21.160	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.831	165	25300	22.170	ng/ul	0.00
31) 4-Chloroaniline-d4	11.348	131	32193	21.285	ng/ul	0.00
46) Dimethylphthalate-d6	14.379	166	86523	22.041	ng/ul	0.00
49) Acenaphthylene-d8	14.696	160	97295	22.053	ng/ul	0.00
54) 4-Nitrophenol-d4	15.178	143	11388	19.930	ng/ul	0.00
60) Fluorene-d10	15.983	176	81605	22.316	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.094	200	15033	20.209	ng/ul	0.00
73) Anthracene-d10	17.833	188	127182	22.193	ng/ul	0.00
81) Pyrene-d10	20.101	212	142961	21.910	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.323	264	127672	22.006	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.699	88	3069	8.754	ng/uL#	70
5) Pyridine	4.116	79	23133	21.055	ng/ul	96
6) Benzaldehyde	7.506	77	10650m	25.345	ng/ul	
8) Phenol	7.541	94	28556	20.593	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.776	93	22917	22.081	ng/ul	90
12) 2-Chlorophenol	7.941	128	20894	21.940	ng/ul	98
13) 2-Methylphenol	8.816	108	21687	20.180	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.898	45	27452	20.516	ng/ul#	96
16) Acetophenone	9.209	105	38204	21.232	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.180	70	22114	21.387	ng/ul#	96
18) 4-Methylphenol	9.145	108	24682	21.218	ng/ul	99
19) Hexachloroethane	9.480	117	8844	22.196	ng/ul	93
22) Nitrobenzene	9.603	77	32679	21.653	ng/ul	97
23) Isophorone	10.120	82	60422	21.042	ng/ul	99
25) 2-Nitrophenol	10.326	139	13289	22.181	ng/ul	95
26) 2,4-Dimethylphenol	10.361	107	28659	21.087	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.596	93	30945	20.732	ng/ul	100
29) 2,4-Dichlorophenol	10.860	162	24106	22.255	ng/ul	98
30) Naphthalene	11.271	128	74836	21.416	ng/ul	99
32) 4-Chloroaniline	11.371	127	33873	21.494	ng/ul	99
33) Hexachlorobutadiene	11.542	225	20556	22.375	ng/ul	92
34) Caprolactam	12.117	113	7575	20.773	ng/ul	91
35) 4-Chloro-3-methylphenol	12.464	107	26950	21.624	ng/ul	95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020468

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.846	142	55150	21.521	ng/ul	97
37)	1-Methylnaphthalene	13.063	142	55217	21.429	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	13.210	216	40854	22.693	ng/ul	97
40)	Hexachlorocyclopentadiene	13.181	237	14685	16.345	ng/ul	94
41)	2,4,6-Trichlorophenol	13.439	196	23507	22.419	ng/ul	95
42)	2,4,5-Trichlorophenol	13.515	196	25673	22.806	ng/ul	90
43)	1,1'-Biphenyl	13.833	154	83885	22.191	ng/ul	99
44)	2-Chloronaphthalene	13.885	162	65837	22.462	ng/ul	98
45)	2-Nitroaniline	14.079	65	19052	21.532	ng/ul	100
47)	Dimethylphthalate	14.426	163	86055	21.830	ng/ul	99
48)	2,6-Dinitrotoluene	14.561	165	18217	22.455	ng/ul	99
50)	Acenaphthylene	14.726	152	100167	22.342	ng/ul	98
51)	3-Nitroaniline	14.890	138	12881	22.409	ng/ul	100
52)	Acenaphthene	15.060	153	69730	21.829	ng/ul	98
53)	2,4-Dinitrophenol	15.107	184	8515	19.710	ng/ul	95
55)	4-Nitrophenol	15.195	109	13435	20.741	ng/ul	93
56)	Dibenzofuran	15.389	168	102358	22.189	ng/ul	93
57)	2,4-Dinitrotoluene	15.342	165	26300	22.646	ng/ul#	98
58)	2,3,4,6-Tetrachlorophenol	15.613	232	23504	22.978	ng/ul	99
59)	Diethylphthalate	15.771	149	85803	21.424	ng/ul	98
61)	Fluorene	16.035	166	86548	22.188	ng/ul	98
62)	4-Chlorophenyl-phenyle...	16.012	204	51887	22.791	ng/ul	97
63)	4-Nitroaniline	16.047	138	10635	19.537	ng/ul	96
66)	4,6-Dinitro-2-methylph...	16.112	198	15508	20.459	ng/ul	100
67)	N-Nitrosodiphenylamine	16.229	169	72620	22.143	ng/ul	99
68)	4-Bromophenyl-phenylether	16.911	248	33787	22.515	ng/ul	94
69)	Hexachlorobenzene	17.040	284	35680	22.579	ng/ul	95
70)	Atrazine	17.157	200	32493	22.292	ng/ul	99
71)	Pentachlorophenol	17.387	266	13696m	18.751	ng/ul	
72)	Phenanthrene	17.774	178	144623	22.120	ng/ul	100
74)	Anthracene	17.868	178	145484	22.152	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.809	216	42964	22.752	ng/uL	99
76)	Pentachlorobenzene	15.313	250	43853	22.814	ng/uL	97
77)	Carbazole	18.133	167	119785	21.825	ng/ul	99
78)	Di-n-butylphthalate	18.650	149	135837	21.644	ng/ul	99
80)	Fluoranthene	19.766	202	171059	22.070	ng/ul	98
82)	Pyrene	20.124	202	171389	21.843	ng/ul	98
83)	Butylbenzylphthalate	20.982	149	51595	20.533	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.922	252	57790	23.672	ng/ul	95
85)	Benzo(a)anthracene	22.027	228	169806	21.841	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.875	149	74888	20.491	ng/ul	98
87)	Chrysene	22.098	228	160705	21.909	ng/ul	96
89)	Di-n-octyl phthalate	23.179	149	128777	20.478	ng/ul	100
90)	Benzo(b)fluoranthene	24.436	252	169851m	21.539	ng/ul	
91)	Benzo(k)fluoranthene	24.512	252	174389	22.730	ng/ul	99
93)	Benzo(a)pyrene	25.399	252	149759	21.997	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.623	276	190592	22.395	ng/ul	99
95)	Dibenzo(a,h)anthracene	29.693	278	157700	22.347	ng/ul	98
96)	Benzo(g,h,i)perylene	30.909	276	153901	22.345	ng/ul	99

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