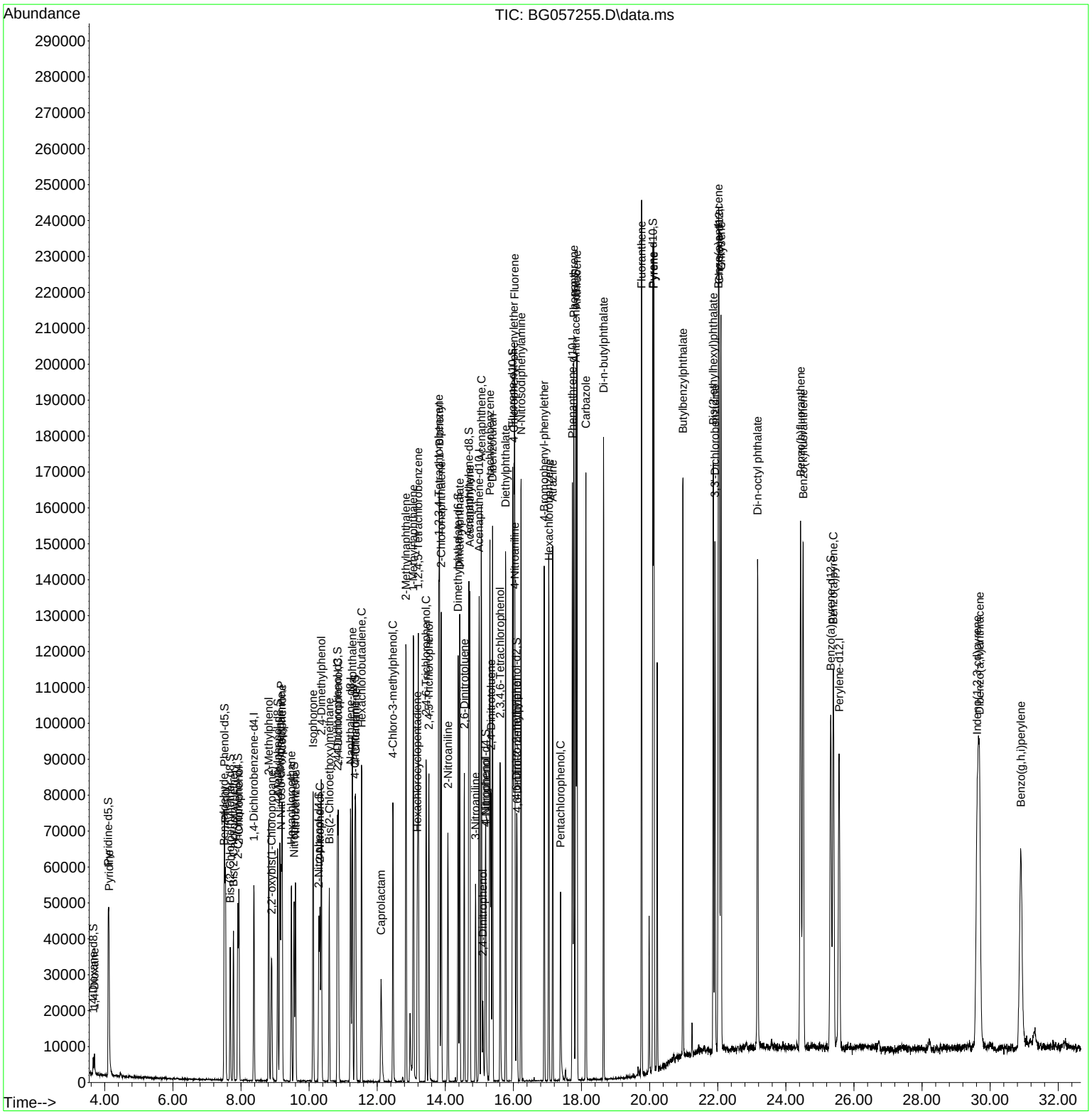
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057255.D
Acq On : 1 May 2023 18:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 23:40:06 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 :
SSTD020469

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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Acq On : 1 May 2023 18:27
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	15541	20.000	ng/ul	0.00
20) Naphthalene-d8	11.216	136	65749	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.993	164	48516	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188	115134	20.000	ng/ul	0.00
79) Chrysene-d12	22.042	240	100372	20.000	ng/ul	0.00
88) Perylene-d12	25.567	264	105916	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	2587	7.325	ng/uL	0.00
4) Pyridine-d5	4.102	84	22752	20.435	ng/ul	0.00
7) Phenol-d5	7.515	99	30981	21.079	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	17416	20.147	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132	21841	22.550	ng/ul	0.00
15) 4-Methylphenol-d8	9.077	113	23422	20.968	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	11740	22.422	ng/ul	0.00
24) 2-Nitrophenol-d4	10.282	143	13668	22.367	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	27281	23.141	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	31919	20.428	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	80734	21.001	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	96676	22.375	ng/ul	0.00
54) 4-Nitrophenol-d4	15.175	143	10725	19.166	ng/ul	0.00
60) Fluorene-d10	15.974	176	77188	21.554	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	13451	19.719	ng/ul	0.00
73) Anthracene-d10	17.830	188	117182	22.298	ng/ul	0.00
81) Pyrene-d10	20.098	212	131727	22.110	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.320	264	118892	22.033	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.696	88	3170	8.464	ng/uL#	83
5) Pyridine	4.125	79	23574	20.086	ng/ul	89
6) Benzaldehyde	7.503	77	10923m	24.334	ng/ul	
8) Phenol	7.544	94	31573	21.314	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.779	93	22772	20.540	ng/ul	92
12) 2-Chlorophenol	7.938	128	22292	21.912	ng/ul	98
13) 2-Methylphenol	8.813	108	23488	20.459	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.895	45	28315	19.809	ng/ul	96
16) Acetophenone	9.207	105	40320	20.976	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.177	70	21679	19.627	ng/ul	96
18) 4-Methylphenol	9.142	108	25786	20.751	ng/ul	91
19) Hexachloroethane	9.477	117	9881	23.214	ng/ul	97
22) Nitrobenzene	9.600	77	34048	21.837	ng/ul	99
23) Isophorone	10.117	82	60325	20.336	ng/ul	97
25) 2-Nitrophenol	10.317	139	13918	22.487	ng/ul	95
26) 2,4-Dimethylphenol	10.358	107	30045	21.399	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.593	93	31128	20.186	ng/ul	99
29) 2,4-Dichlorophenol	10.857	162	25595	22.873	ng/ul	100
30) Naphthalene	11.268	128	78342	21.701	ng/ul	98
32) 4-Chloroaniline	11.368	127	32910	20.214	ng/ul	93
33) Hexachlorobutadiene	11.545	225	22295	23.490	ng/ul	95
34) Caprolactam	12.114	113	8059	21.393	ng/ul	96
35) 4-Chloro-3-methylphenol	12.461	107	27052	21.011	ng/ul	99
36) 2-Methylnaphthalene	12.843	142	57660	21.780	ng/ul	100

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Quant Time: May 01 23:40:06 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020469

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.060	142	57603	21.639	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.207	216	41289	23.419	ng/ul	98
40) Hexachlorocyclopentadiene	13.178	237	17030	19.356	ng/ul	99
41) 2,4,6-Trichlorophenol	13.436	196	24008	23.381	ng/ul	89
42) 2,4,5-Trichlorophenol	13.518	196	26243	23.804	ng/ul	95
43) 1,1'-Biphenyl	13.830	154	82202	22.205	ng/ul	98
44) 2-Chloronaphthalene	13.883	162	65301	22.750	ng/ul	98
45) 2-Nitroaniline	14.076	65	19542	22.552	ng/ul	95
47) Dimethylphthalate	14.423	163	80651	20.892	ng/ul	98
48) 2,6-Dinitrotoluene	14.558	165	17006	21.406	ng/ul	90
50) Acenaphthylene	14.723	152	97082	22.111	ng/ul	99
51) 3-Nitroaniline	14.887	138	13043	23.170	ng/ul	95
52) Acenaphthene	15.057	153	68097	21.768	ng/ul	97
53) 2,4-Dinitrophenol	15.104	184	7327	17.318	ng/ul	91
55) 4-Nitrophenol	15.193	109	12657	19.953	ng/ul	98
56) Dibenzofuran	15.386	168	98830	21.877	ng/ul	100
57) 2,4-Dinitrotoluene	15.345	165	24543	21.580	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.610	232	22699	22.659	ng/ul	97
59) Diethylphthalate	15.768	149	81282	20.724	ng/ul	98
61) Fluorene	16.033	166	82021	21.472	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.009	204	48804	21.889	ng/ul	97
63) 4-Nitroaniline	16.044	138	8744	16.403	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.109	198	13655	19.644	ng/ul#	89
67) N-Nitrosodiphenylamine	16.226	169	67807	22.546	ng/ul	98
68) 4-Bromophenyl-phenylether	16.902	248	31595	22.960	ng/ul	95
69) Hexachlorobenzene	17.043	284	33988	23.455	ng/ul	98
70) Atrazine	17.155	200	30537	22.846	ng/ul	98
71) Pentachlorophenol	17.384	266	12663	18.905	ng/ul	91
72) Phenanthrene	17.771	178	130450	21.757	ng/ul	99
74) Anthracene	17.865	178	132771	22.045	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.806	216	43540	25.143	ng/uL	99
76) Pentachlorobenzene	15.310	250	42347	24.024	ng/uL	97
77) Carbazole	18.130	167	109663	21.789	ng/ul	99
78) Di-n-butylphthalate	18.647	149	127135	22.090	ng/ul	99
80) Fluoranthene	19.763	202	154047	21.767	ng/ul	98
82) Pyrene	20.127	202	156730	21.876	ng/ul	97
83) Butylbenzylphthalate	20.979	149	50742	22.116	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.919	252	55895	25.075	ng/ul	94
85) Benzo(a)anthracene	22.024	228	157099	22.130	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.872	149	74500	22.326	ng/ul	97
87) Chrysene	22.095	228	146553	21.882	ng/ul	99
89) Di-n-octyl phthalate	23.170	149	129035	22.061	ng/ul	100
90) Benzo(b)fluoranthene	24.433	252	162723m	22.186	ng/ul	
91) Benzo(k)fluoranthene	24.509	252	158605	22.227	ng/ul	97
93) Benzo(a)pyrene	25.396	252	137134	21.657	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.620	276	177622	22.440	ng/ul	94
95) Dibenzo(a,h)anthracene	29.691	278	149025	22.705	ng/ul	99
96) Benzo(g,h,i)perylene	30.901	276	138825m	21.671	ng/ul	

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

Quantitation Report (QT Reviewed)

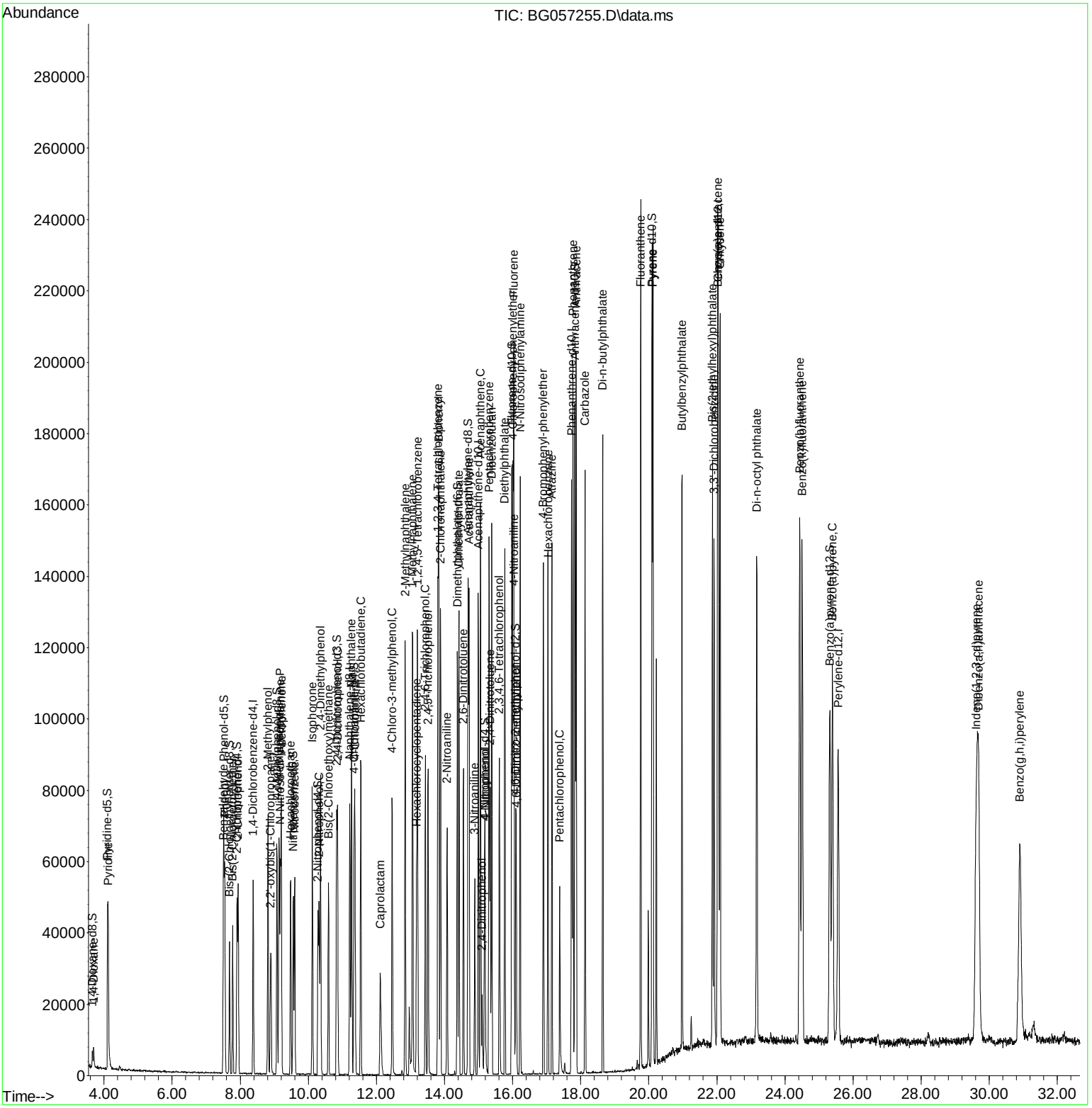
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057255.D
Acq On : 1 May 2023 18:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 23:40:06 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 :
SSTD020469

Manual Integrations APPROVED

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



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057255.D
Acq On : 1 May 2023 18:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 22:30:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
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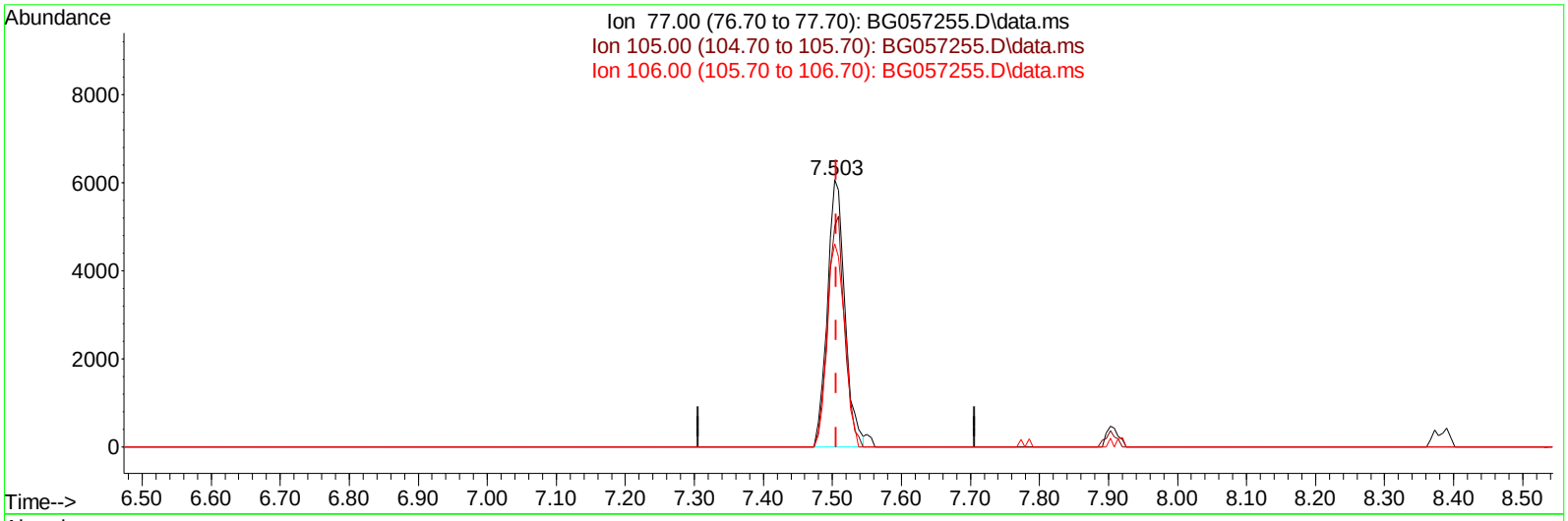

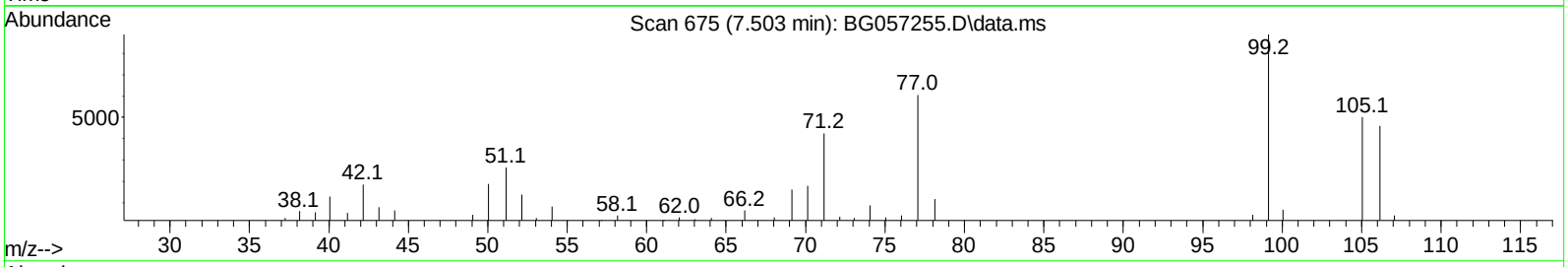

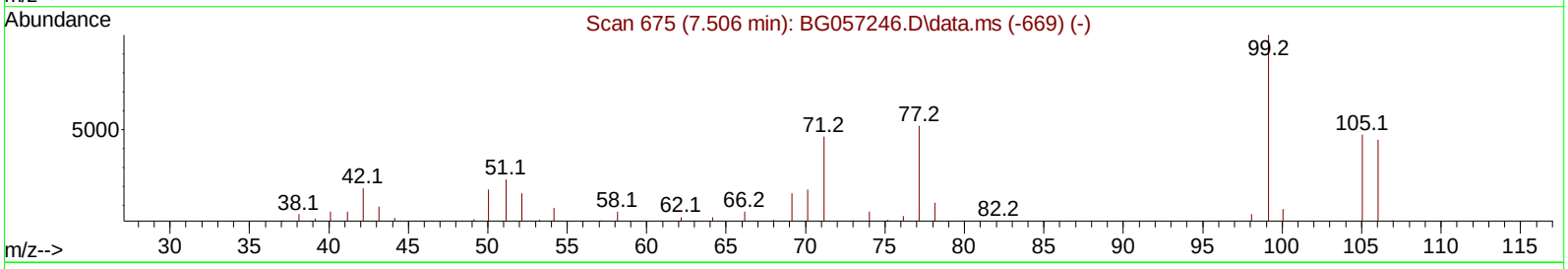

TIC: BG057255.D\data.ms

(6) Benzaldehyde

7.503min (-0.003) 23.94 ng/ul

response 10748

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.70	82.70
106.00	98.40	76.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
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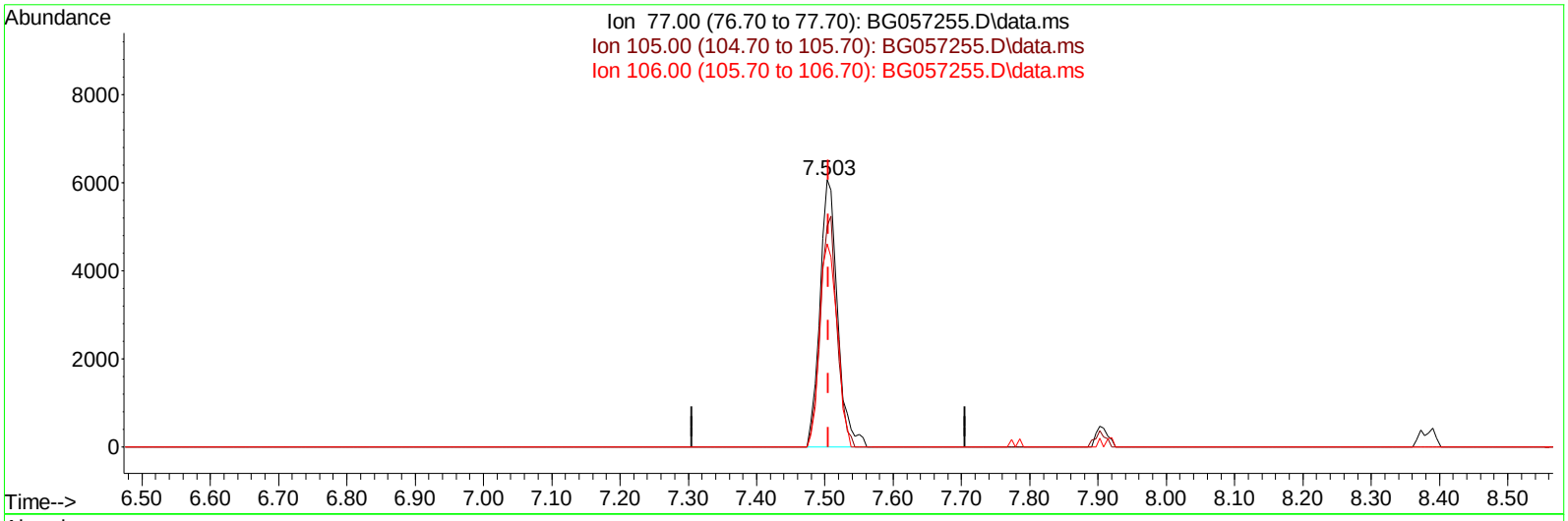

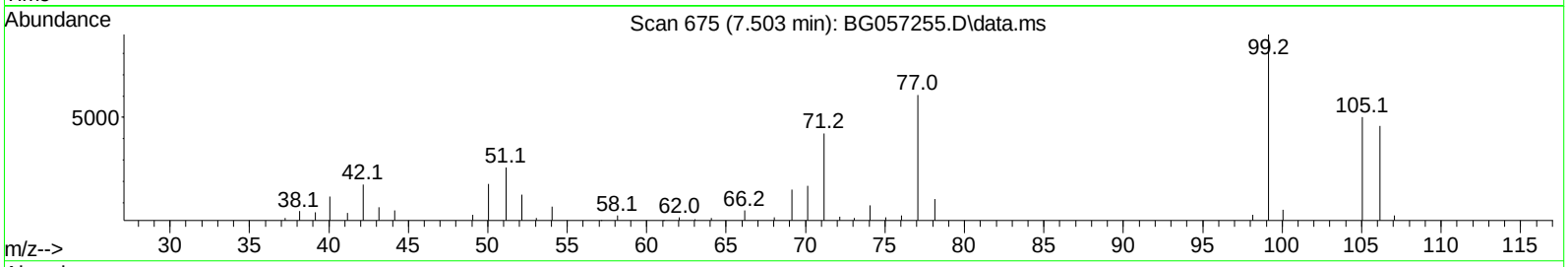

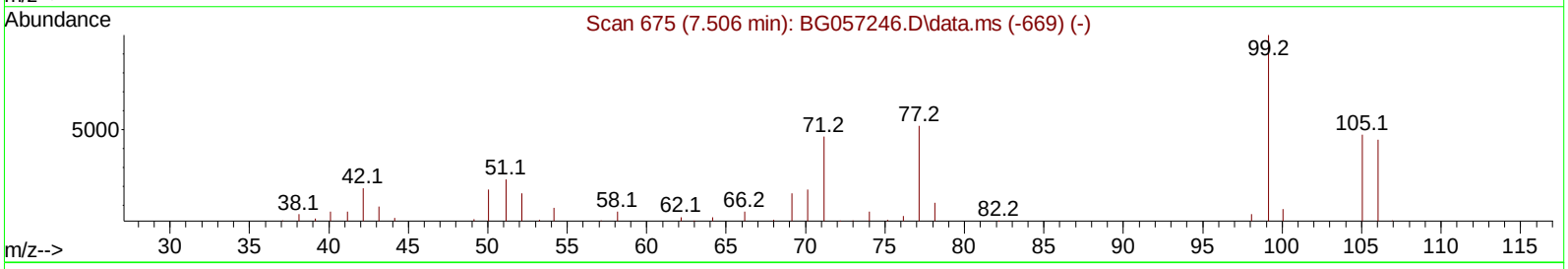

TIC: BG057255.D\data.ms

(6) Benzaldehyde

7.503min (-0.003) 24.33 ng/ul m

response 10923

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.70	82.70
106.00	98.40	76.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

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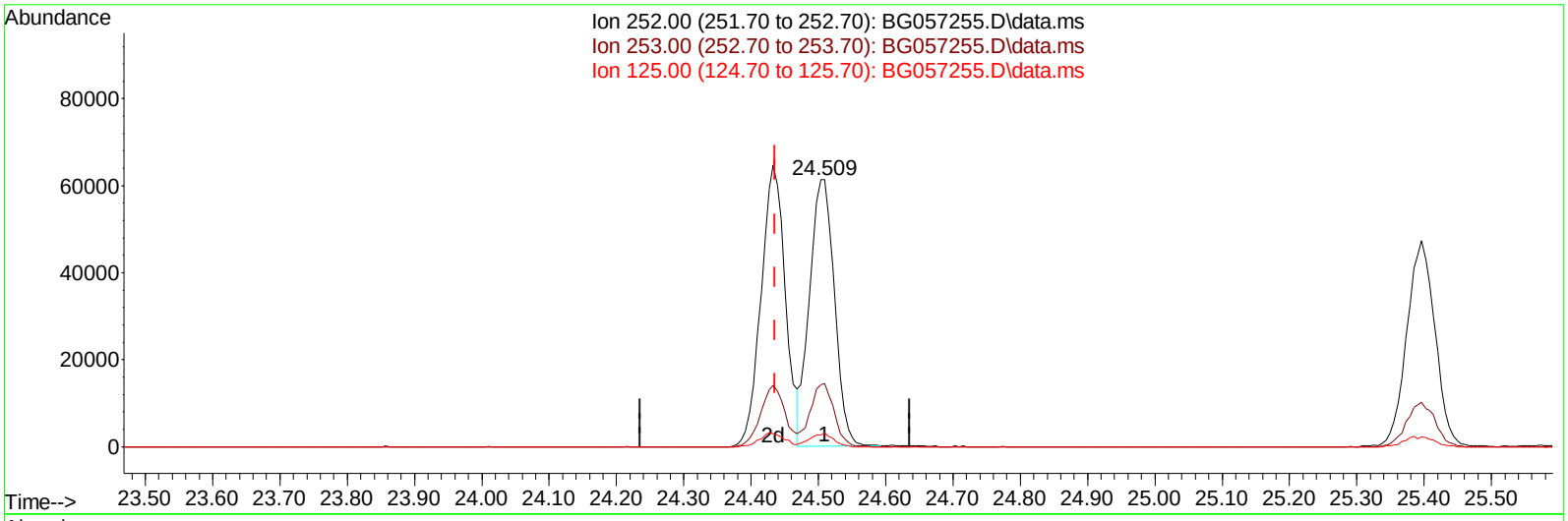

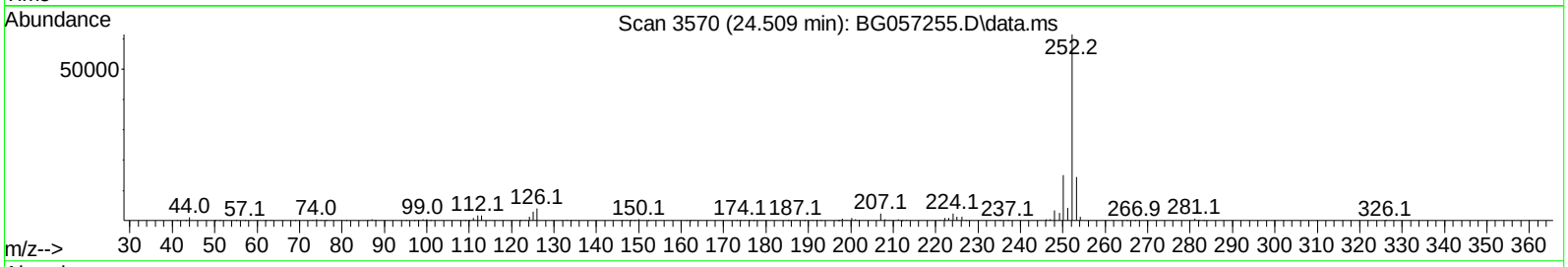

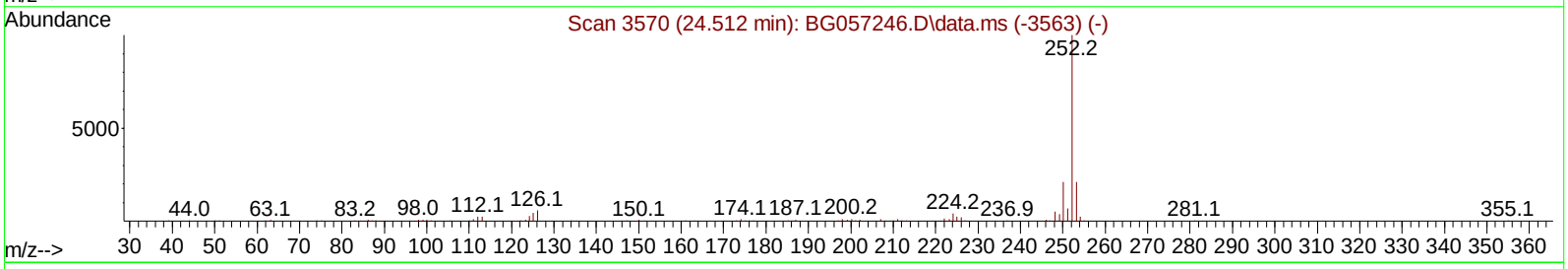

TIC: BG057255.D\data.ms

(90) Benzo(b)fluoranthene

24.509min (+ 0.073) 21.45 ng/ul

response 157340

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.90	23.75
125.00	6.00	4.98
0.00	0.00	0.00

Quantitation Report (Qedit)

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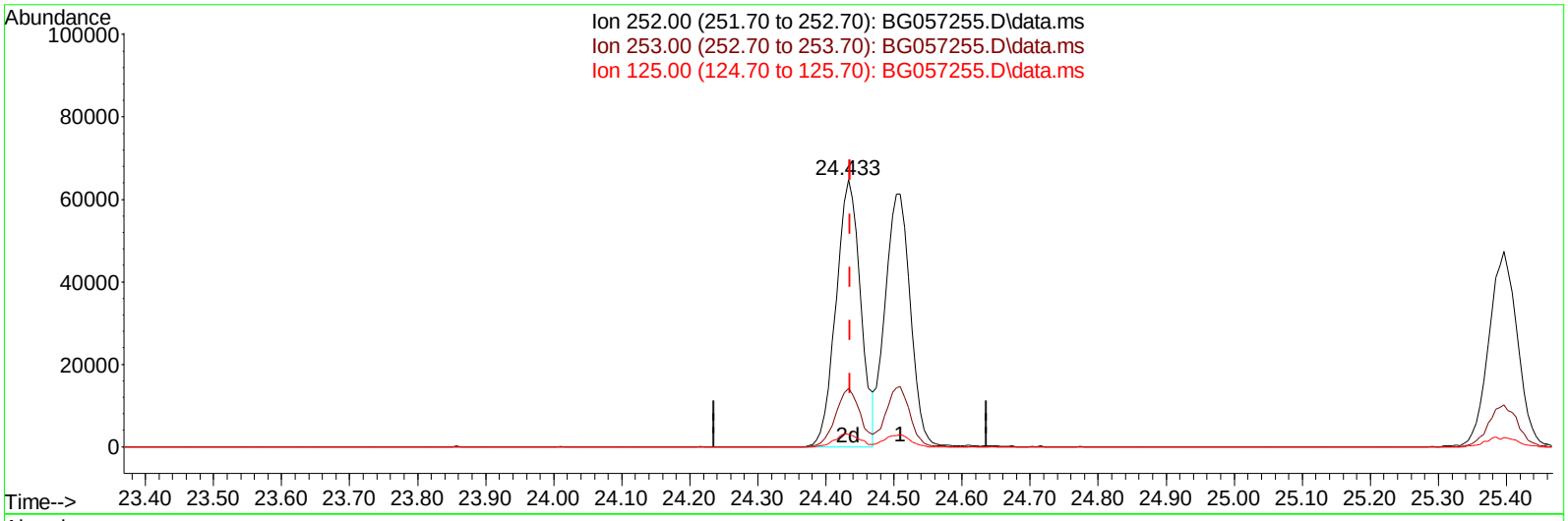

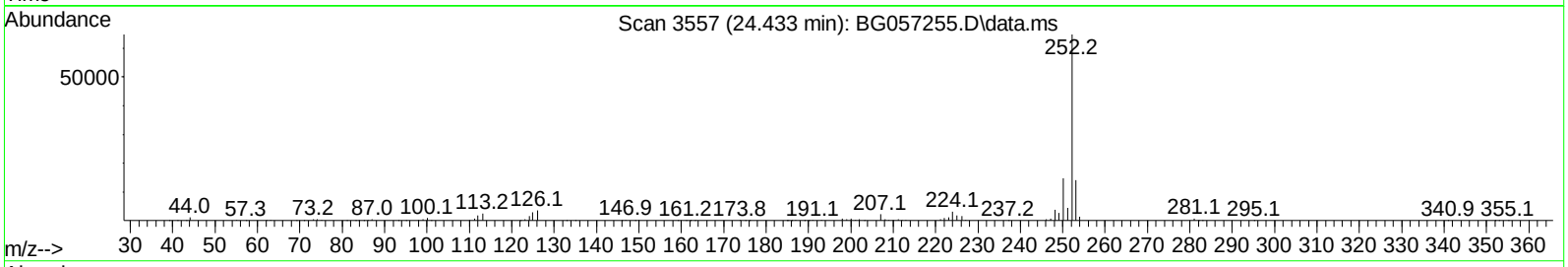

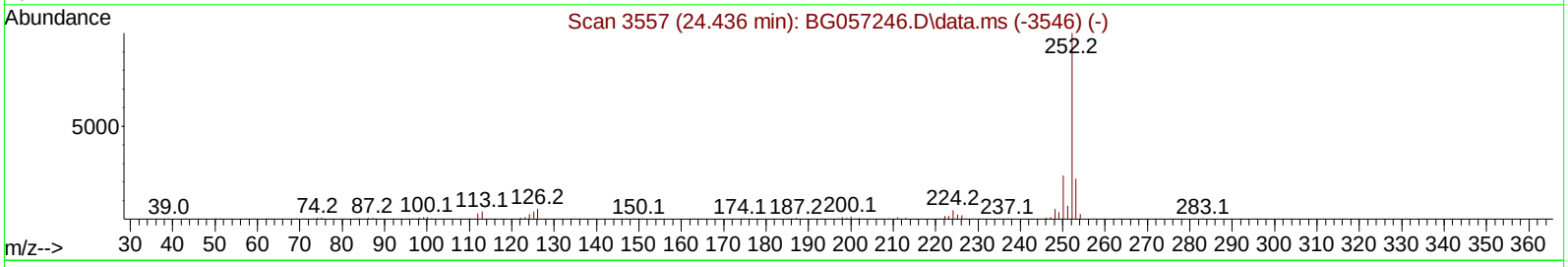

TIC: BG057255.D\data.ms

(90) Benzo(b)fluoranthene

24.433min (-0.003) 22.19 ng/ul m

response 162723

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.90	21.84
125.00	6.00	4.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

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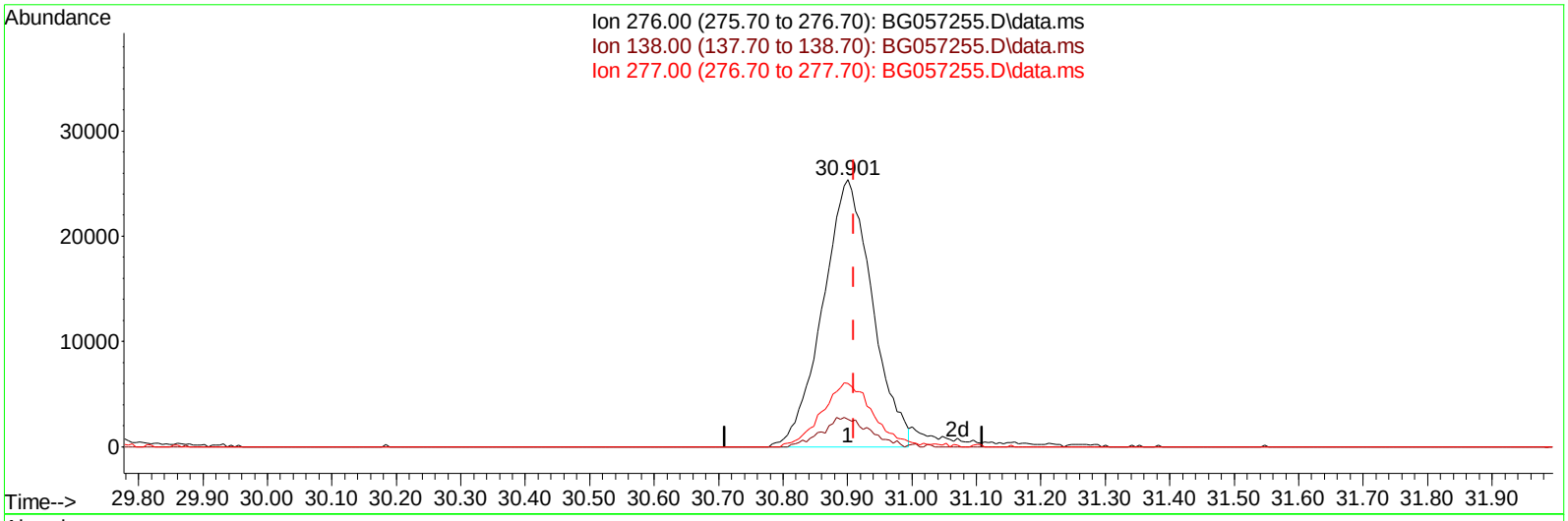
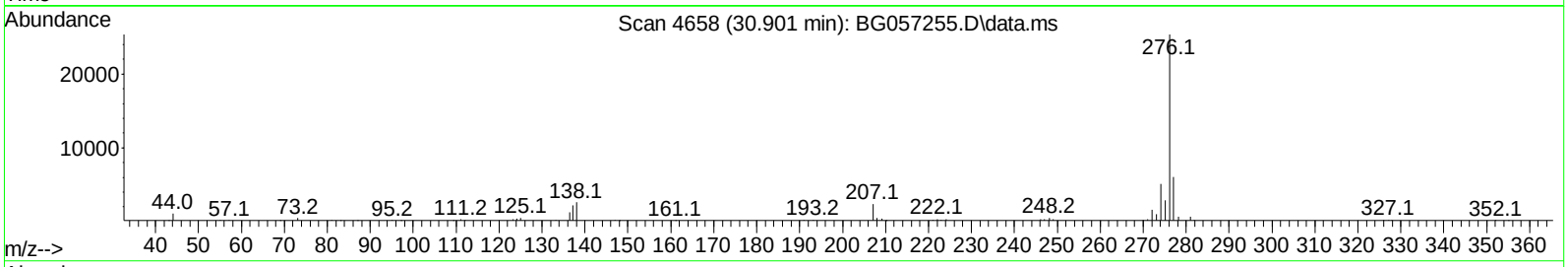
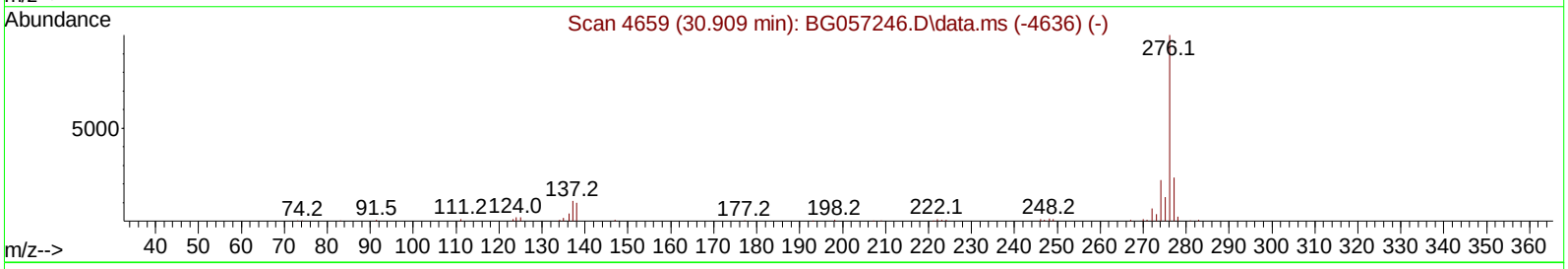






TIC: BG057255.D\data.ms

(96) Benzo(g,h,i)perylene

30.901min (-0.009) 21.14 ng/ul

response 135444

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.32
277.00	23.00	23.73
0.00	0.00	0.00

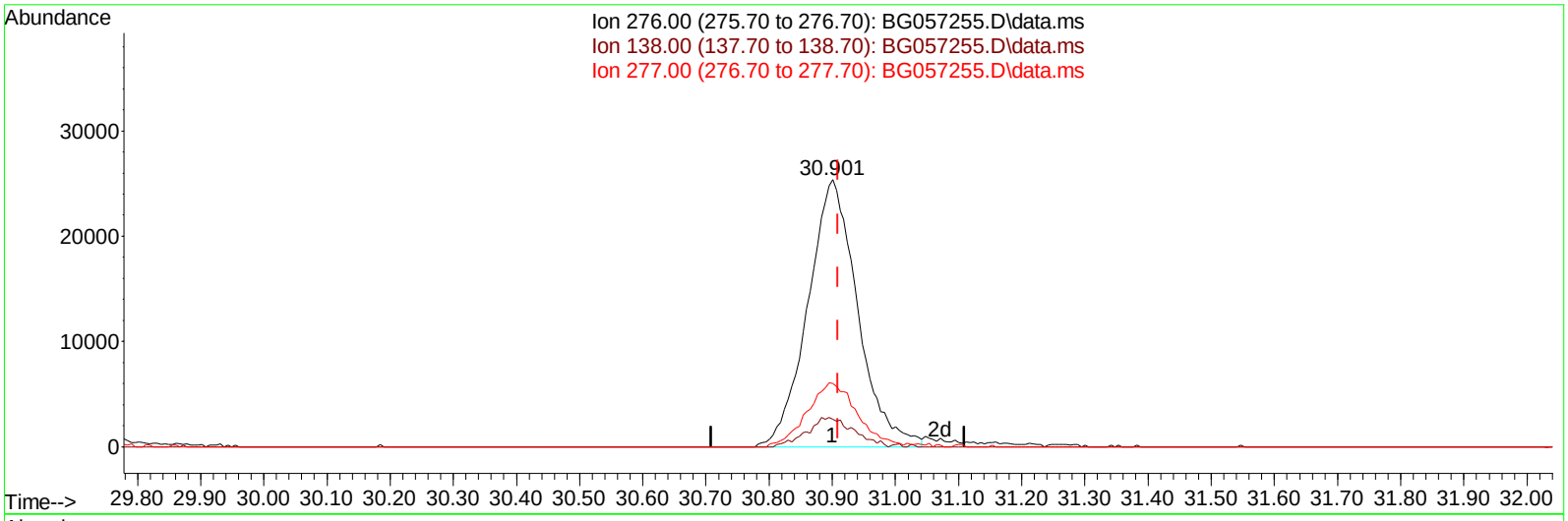
Quantitation Report (Qedit)

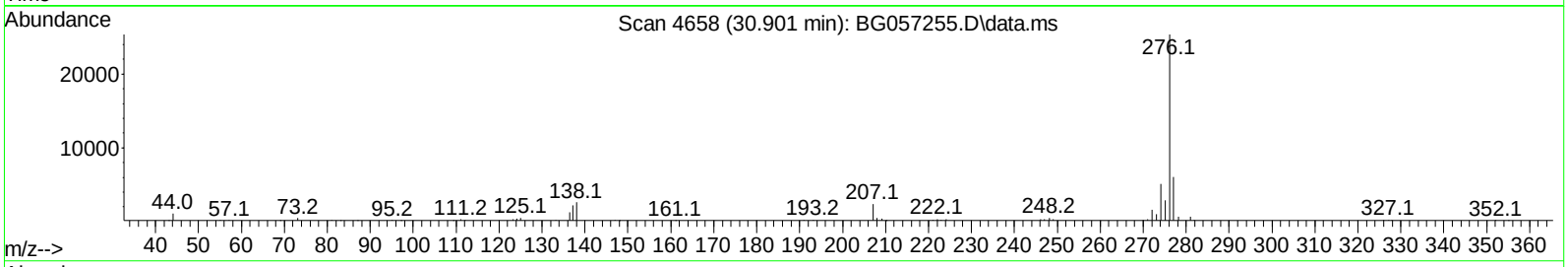
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057255.D
Acq On : 1 May 2023 18:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

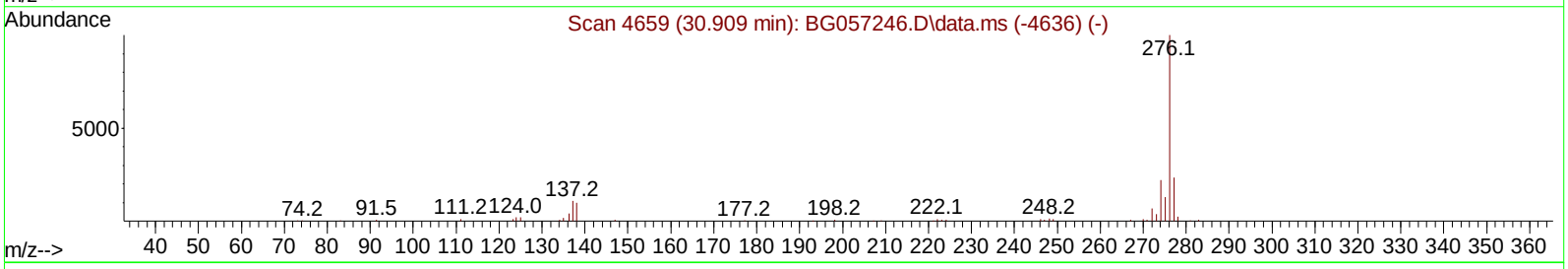
Quant Time: May 01 22:30:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020469

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







TIC: BG057255.D\data.ms

(96) Benzo(g,h,i)perylene

30.901min (-0.009) 21.67 ng/ul m

response 138825

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	10.32
277.00	23.00	23.73
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 1 May 2023 18:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 23:40:06 2023
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	15541	20.000	ng/ul	0.00
20) Naphthalene-d8	11.216	136	65749	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.993	164	48516	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188	115134	20.000	ng/ul	0.00
79) Chrysene-d12	22.042	240	100372	20.000	ng/ul	0.00
88) Perylene-d12	25.567	264	105916	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	2587	7.325	ng/uL	0.00
4) Pyridine-d5	4.102	84	22752	20.435	ng/ul	0.00
7) Phenol-d5	7.515	99	30981	21.079	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	17416	20.147	ng/ul	0.00
11) 2-Chlorophenol-d4	7.908	132	21841	22.550	ng/ul	0.00
15) 4-Methylphenol-d8	9.077	113	23422	20.968	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	11740	22.422	ng/ul	0.00
24) 2-Nitrophenol-d4	10.282	143	13668	22.367	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	27281	23.141	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	31919	20.428	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	80734	21.001	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	96676	22.375	ng/ul	0.00
54) 4-Nitrophenol-d4	15.175	143	10725	19.166	ng/ul	0.00
60) Fluorene-d10	15.974	176	77188	21.554	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	13451	19.719	ng/ul	0.00
73) Anthracene-d10	17.830	188	117182	22.298	ng/ul	0.00
81) Pyrene-d10	20.098	212	131727	22.110	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.320	264	118892	22.033	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.696	88	3170	8.464	ng/uL#	83
5) Pyridine	4.125	79	23574	20.086	ng/ul	89
6) Benzaldehyde	7.503	77	10923m	24.334	ng/ul	
8) Phenol	7.544	94	31573	21.314	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.779	93	22772	20.540	ng/ul	92
12) 2-Chlorophenol	7.938	128	22292	21.912	ng/ul	98
13) 2-Methylphenol	8.813	108	23488	20.459	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.895	45	28315	19.809	ng/ul	96
16) Acetophenone	9.207	105	40320	20.976	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.177	70	21679	19.627	ng/ul	96
18) 4-Methylphenol	9.142	108	25786	20.751	ng/ul	91
19) Hexachloroethane	9.477	117	9881	23.214	ng/ul	97
22) Nitrobenzene	9.600	77	34048	21.837	ng/ul	99
23) Isophorone	10.117	82	60325	20.336	ng/ul	97
25) 2-Nitrophenol	10.317	139	13918	22.487	ng/ul	95
26) 2,4-Dimethylphenol	10.358	107	30045	21.399	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.593	93	31128	20.186	ng/ul	99
29) 2,4-Dichlorophenol	10.857	162	25595	22.873	ng/ul	100
30) Naphthalene	11.268	128	78342	21.701	ng/ul	98
32) 4-Chloroaniline	11.368	127	32910	20.214	ng/ul	93
33) Hexachlorobutadiene	11.545	225	22295	23.490	ng/ul	95
34) Caprolactam	12.114	113	8059	21.393	ng/ul	96
35) 4-Chloro-3-methylphenol	12.461	107	27052	21.011	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.843	142	57660	21.780	ng/ul	100
37)	1-Methylnaphthalene	13.060	142	57603	21.639	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.207	216	41289	23.419	ng/ul	98
40)	Hexachlorocyclopentadiene	13.178	237	17030	19.356	ng/ul	99
41)	2,4,6-Trichlorophenol	13.436	196	24008	23.381	ng/ul	89
42)	2,4,5-Trichlorophenol	13.518	196	26243	23.804	ng/ul	95
43)	1,1'-Biphenyl	13.830	154	82202	22.205	ng/ul	98
44)	2-Chloronaphthalene	13.883	162	65301	22.750	ng/ul	98
45)	2-Nitroaniline	14.076	65	19542	22.552	ng/ul	95
47)	Dimethylphthalate	14.423	163	80651	20.892	ng/ul	98
48)	2,6-Dinitrotoluene	14.558	165	17006	21.406	ng/ul	90
50)	Acenaphthylene	14.723	152	97082	22.111	ng/ul	99
51)	3-Nitroaniline	14.887	138	13043	23.170	ng/ul	95
52)	Acenaphthene	15.057	153	68097	21.768	ng/ul	97
53)	2,4-Dinitrophenol	15.104	184	7327	17.318	ng/ul	91
55)	4-Nitrophenol	15.193	109	12657	19.953	ng/ul	98
56)	Dibenzofuran	15.386	168	98830	21.877	ng/ul	100
57)	2,4-Dinitrotoluene	15.345	165	24543	21.580	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.610	232	22699	22.659	ng/ul	97
59)	Diethylphthalate	15.768	149	81282	20.724	ng/ul	98
61)	Fluorene	16.033	166	82021	21.472	ng/ul	100
62)	4-Chlorophenyl-phenyle...	16.009	204	48804	21.889	ng/ul	97
63)	4-Nitroaniline	16.044	138	8744	16.403	ng/ul	95
66)	4,6-Dinitro-2-methylph...	16.109	198	13655	19.644	ng/ul#	89
67)	N-Nitrosodiphenylamine	16.226	169	67807	22.546	ng/ul	98
68)	4-Bromophenyl-phenylether	16.902	248	31595	22.960	ng/ul	95
69)	Hexachlorobenzene	17.043	284	33988	23.455	ng/ul	98
70)	Atrazine	17.155	200	30537	22.846	ng/ul	98
71)	Pentachlorophenol	17.384	266	12663	18.905	ng/ul	91
72)	Phenanthrene	17.771	178	130450	21.757	ng/ul	99
74)	Anthracene	17.865	178	132771	22.045	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.806	216	43540	25.143	ng/uL	99
76)	Pentachlorobenzene	15.310	250	42347	24.024	ng/uL	97
77)	Carbazole	18.130	167	109663	21.789	ng/ul	99
78)	Di-n-butylphthalate	18.647	149	127135	22.090	ng/ul	99
80)	Fluoranthene	19.763	202	154047	21.767	ng/ul	98
82)	Pyrene	20.127	202	156730	21.876	ng/ul	97
83)	Butylbenzylphthalate	20.979	149	50742	22.116	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.919	252	55895	25.075	ng/ul	94
85)	Benzo(a)anthracene	22.024	228	157099	22.130	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.872	149	74500	22.326	ng/ul	97
87)	Chrysene	22.095	228	146553	21.882	ng/ul	99
89)	Di-n-octyl phthalate	23.170	149	129035	22.061	ng/ul	100
90)	Benzo(b)fluoranthene	24.433	252	162723m	22.186	ng/ul	
91)	Benzo(k)fluoranthene	24.509	252	158605	22.227	ng/ul	97
93)	Benzo(a)pyrene	25.396	252	137134	21.657	ng/ul#	99
94)	Indeno(1,2,3-cd)pyrene	29.620	276	177622	22.440	ng/ul	94
95)	Dibenzo(a,h)anthracene	29.691	278	149025	22.705	ng/ul	99
96)	Benzo(g,h,i)perylene	30.901	276	138825m	21.671	ng/ul	

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