Quantitation Report (Qedit)

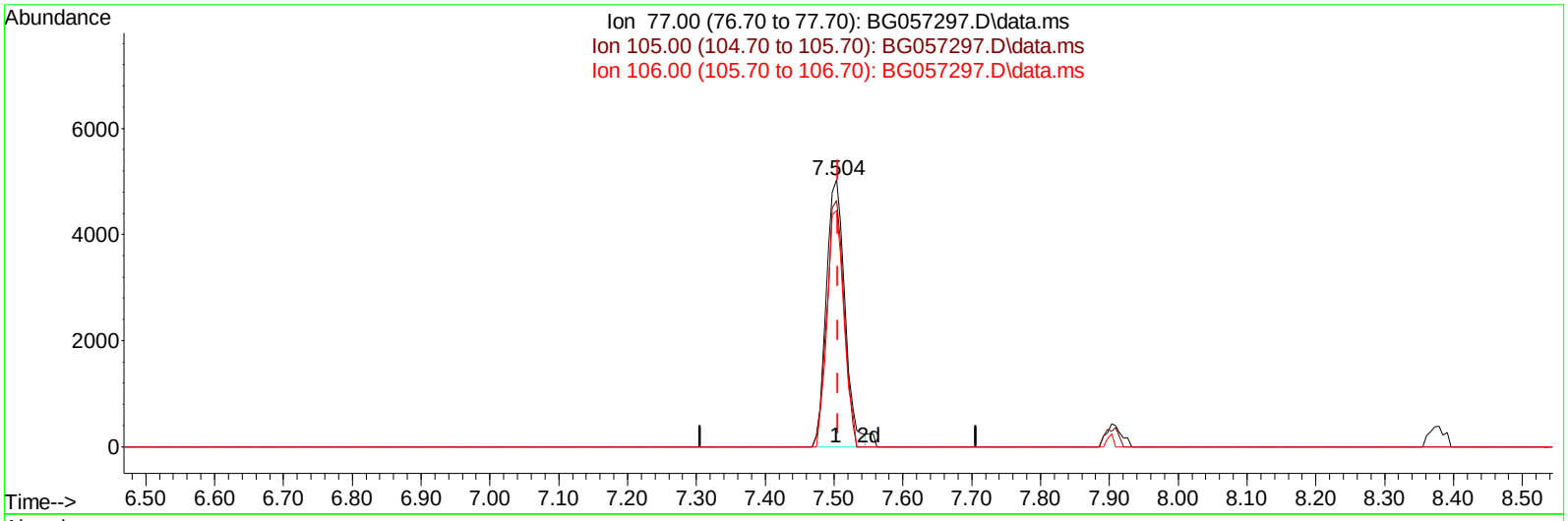
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057297.D
Acq On : 4 May 2023 9:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

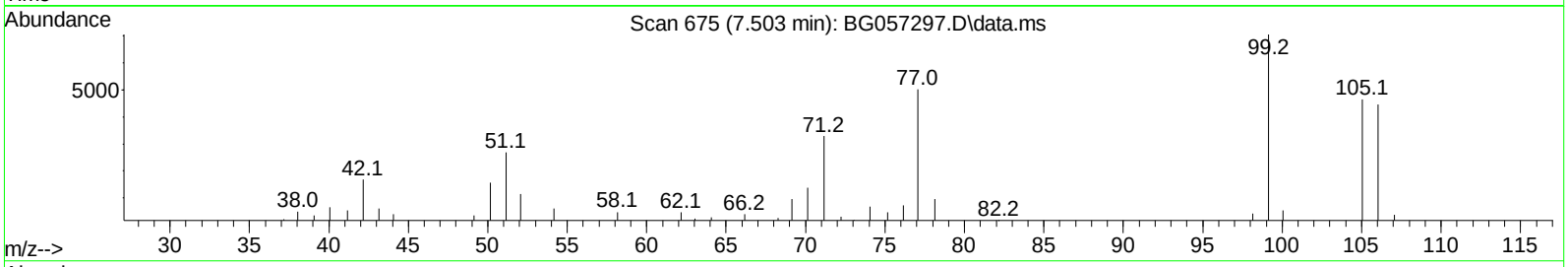
Quant Time: May 05 01:42:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

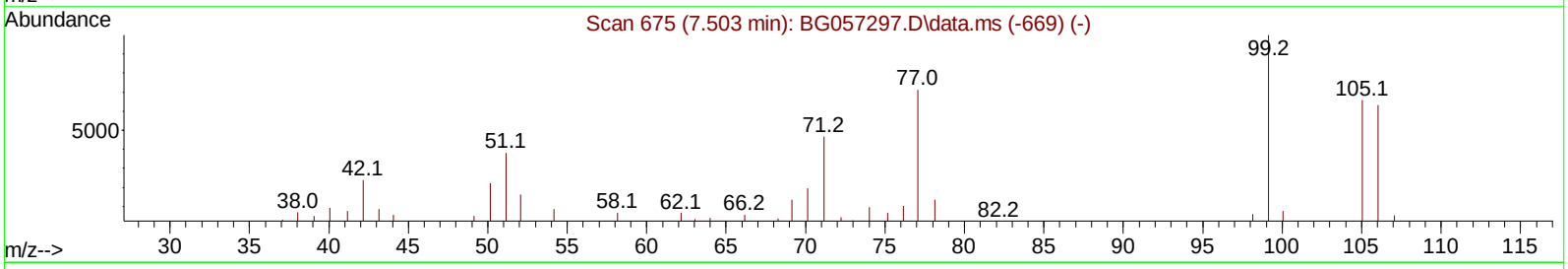
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BG057297.D\data.ms

(6) Benzaldehyde

7.503min (-0.002) 21.80 ng/ul

response 9408

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.70	92.23
106.00	98.40	88.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057297.D
Acq On : 4 May 2023 9:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 05 01:42:44 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
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Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

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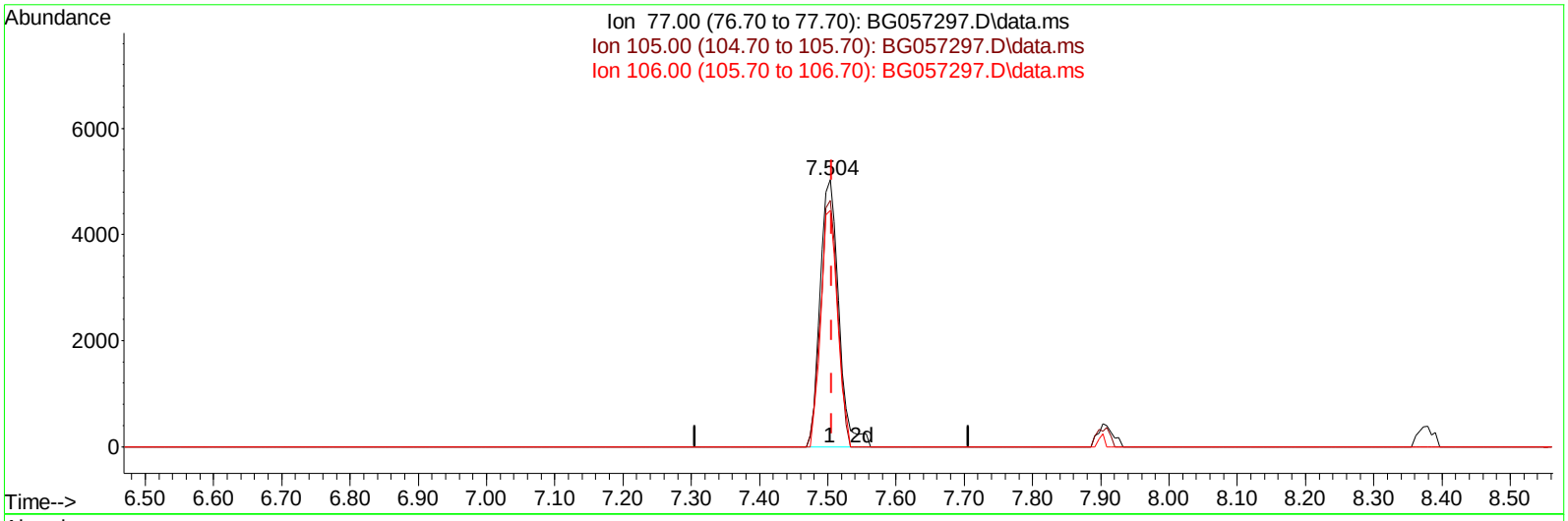

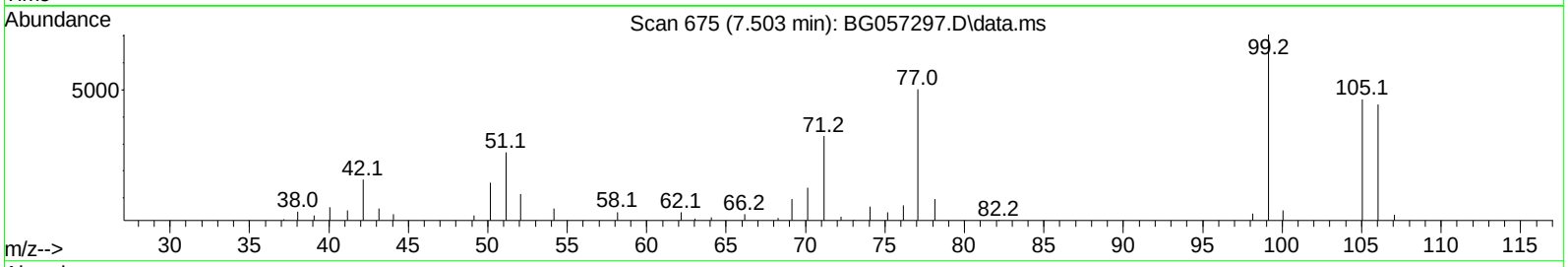

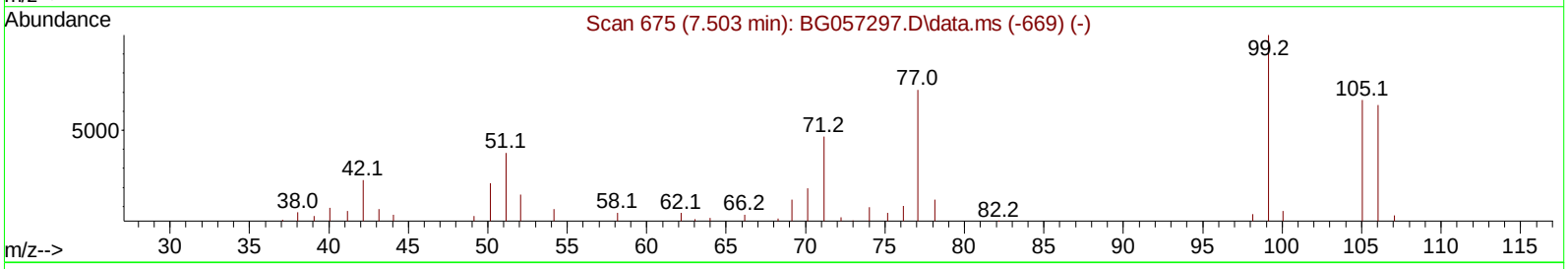

TIC: BG057297.D\data.ms

(6) Benzaldehyde

7.503min (-0.002) 22.21 ng/ul m

response 9581

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.70	92.23
106.00	98.40	88.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057297.D
Acq On : 4 May 2023 9:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 05 01:53:52 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
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Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

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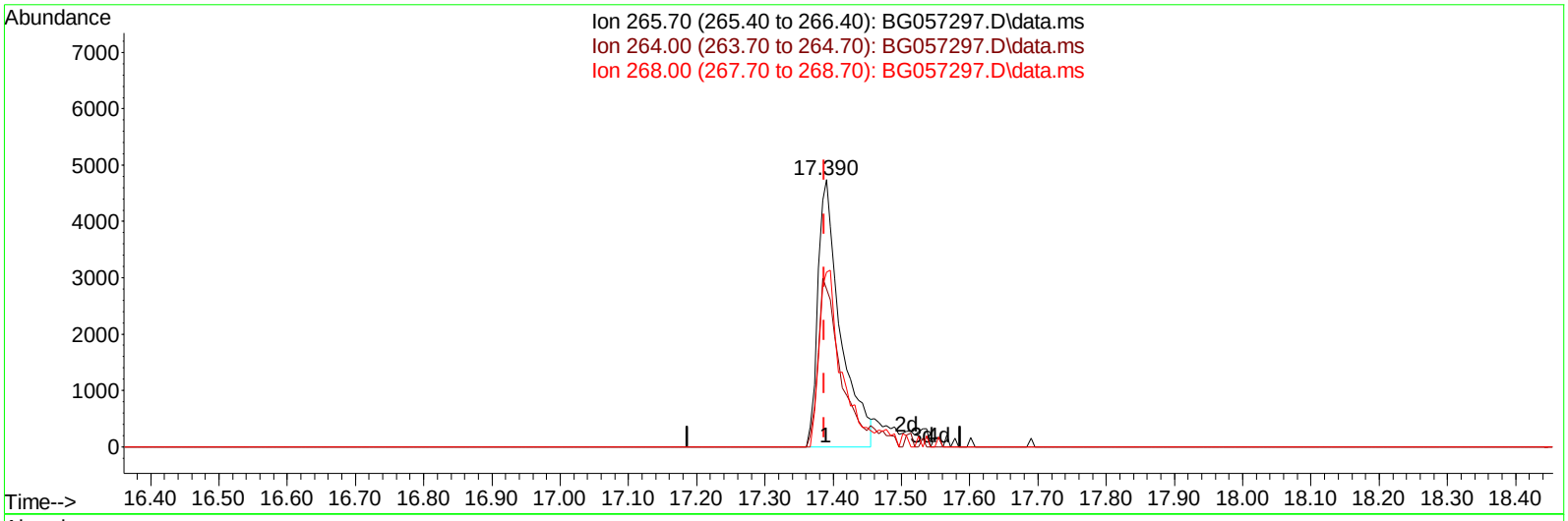

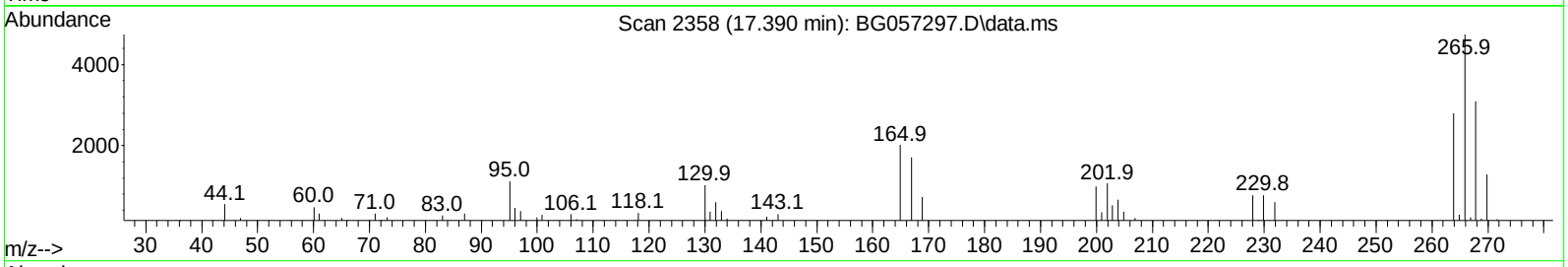

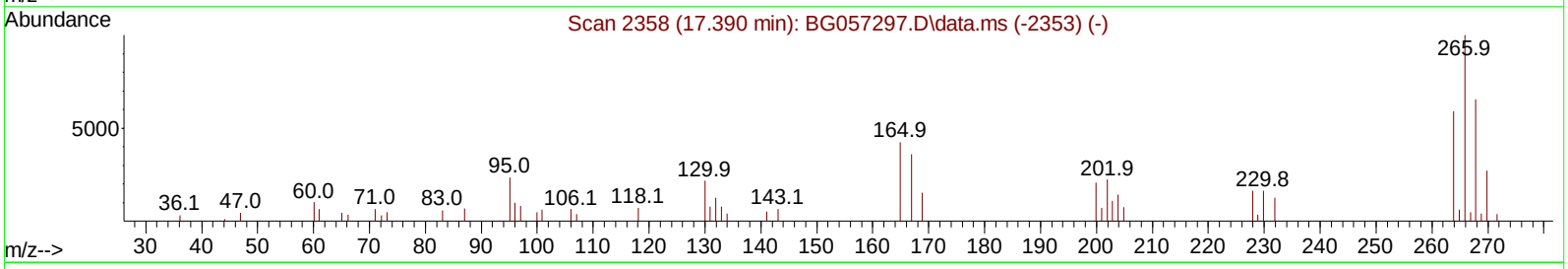

TIC: BG057297.D\data.ms

(71) Pentachlorophenol (C)

17.390min (+ 0.004) 15.14 ng/ul

response 10802

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	59.70	59.15
268.00	60.30	65.35
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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LabSampleId :
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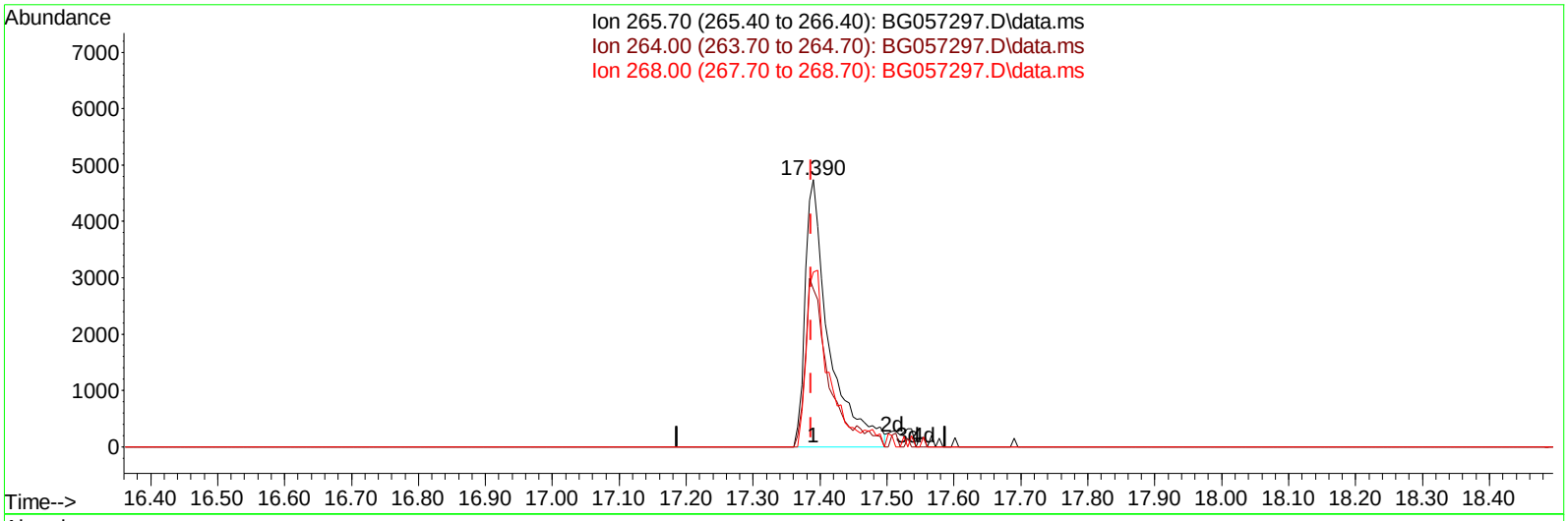

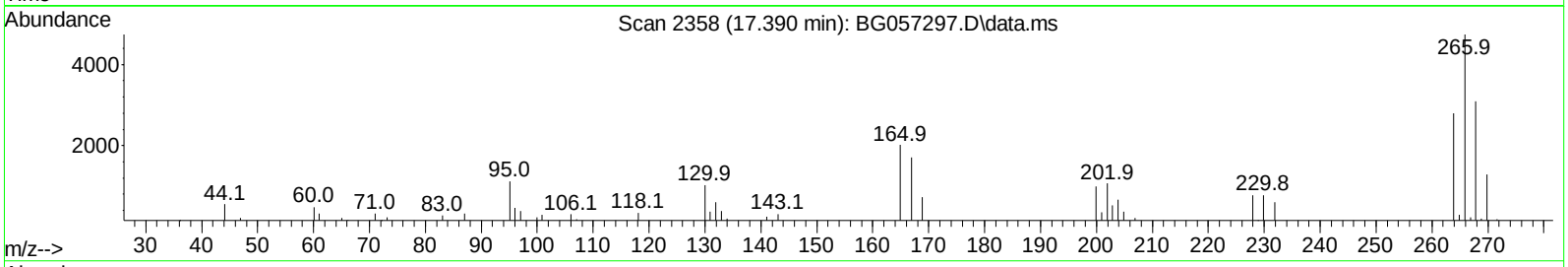

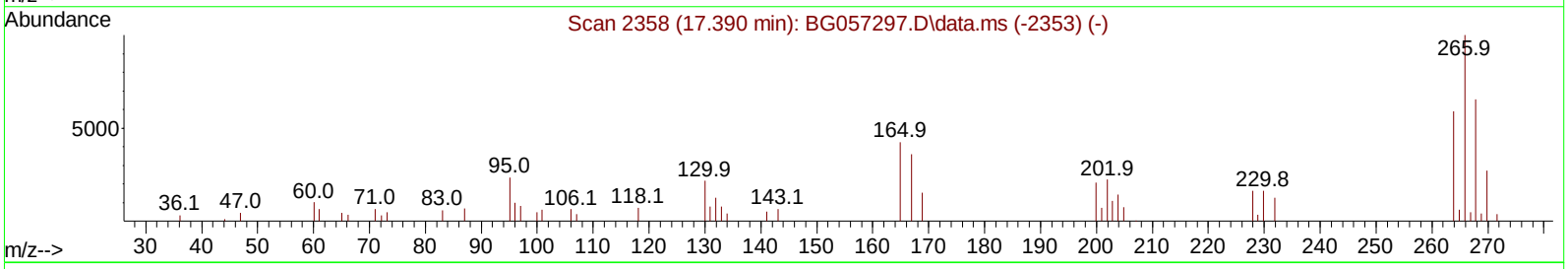

TIC: BG057297.D\data.ms

(71) Pentachlorophenol (C)

17.390min (+ 0.004) 16.40 ng/ul m

response 11699

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	59.70	59.15
268.00	60.30	65.35
0.00	0.00	0.00

Quantitation Report (Qedit)

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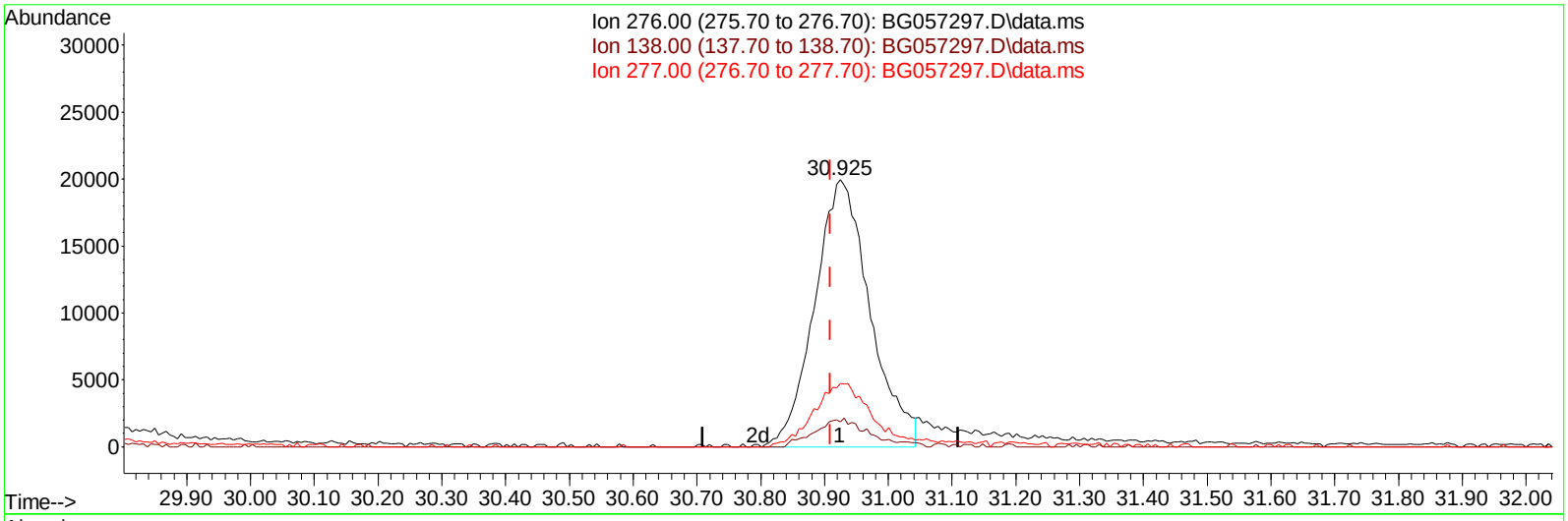

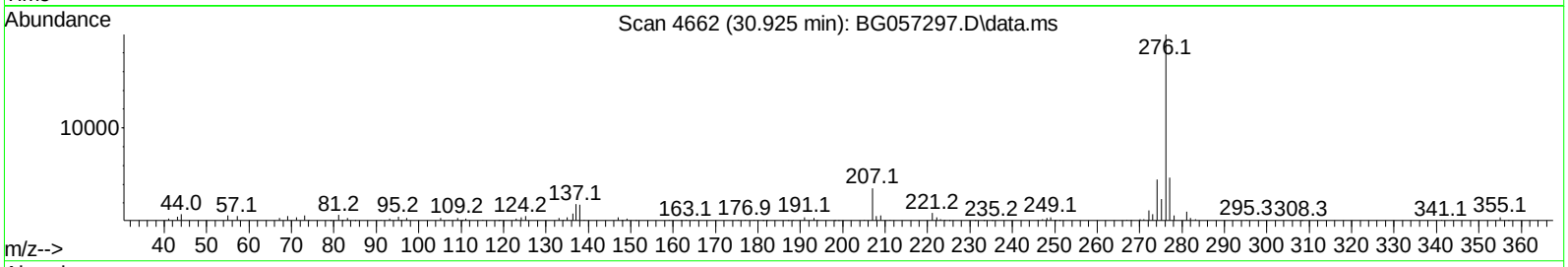

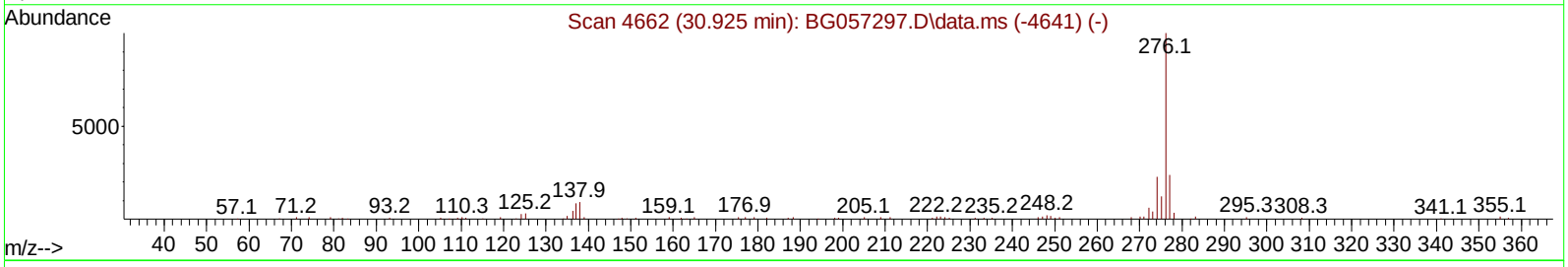

TIC: BG057297.D\data.ms

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

30.925min (+ 0.015) 19.08 ng/ul

response 120237

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.32
277.00	23.00	23.70
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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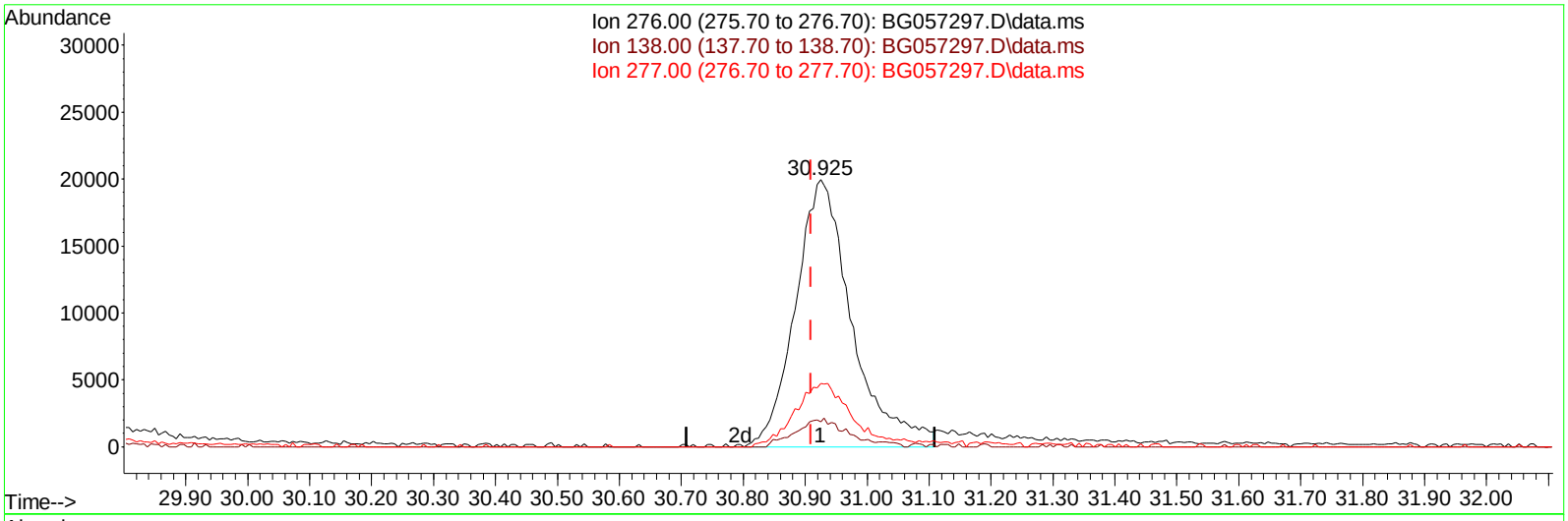

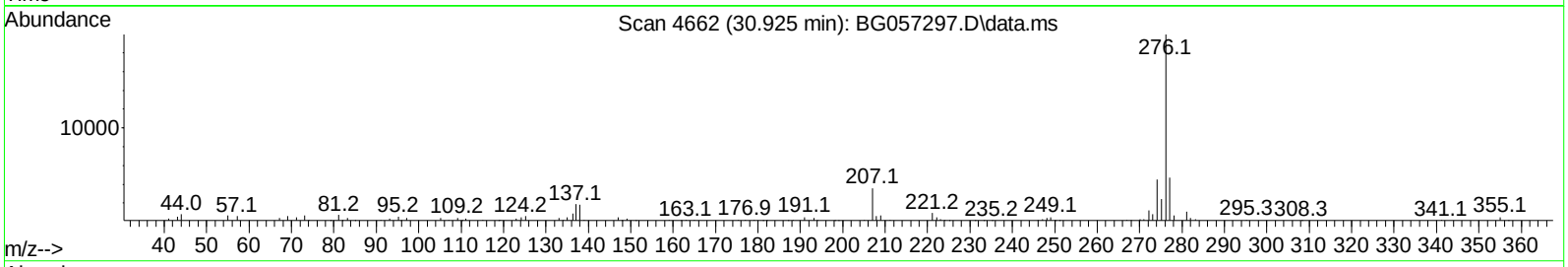

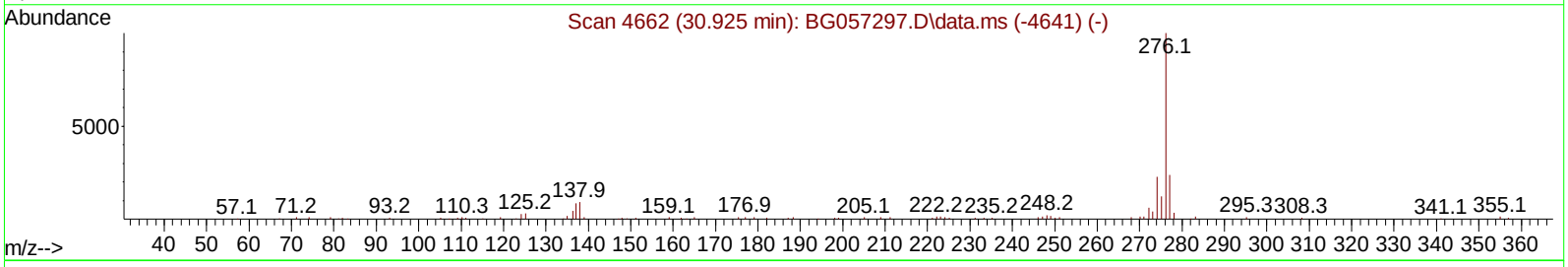

TIC: BG057297.D\data.ms

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

30.925min (+ 0.015) 20.02 ng/ul m

response 126174

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	9.32
277.00	23.00	23.70
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057297.D
Acq On : 4 May 2023 9:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
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Quant Time: May 05 01:55:14 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
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/05/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	14938	20.000	ng/ul	0.00
20) Naphthalene-d8	11.216	136	62374	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.993	164	50216	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.731	188	122621	20.000	ng/ul	0.00
79) Chrysene-d12	22.049	240	99427	20.000	ng/ul	0.00
88) Perylene-d12	25.567	264	104215	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.650	96	2626	7.736	ng/uL	0.00
4) Pyridine-d5	4.090	84	18598	17.378	ng/ul	0.00
7) Phenol-d5	7.515	99	29091	20.592	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.680	67	15110	18.185	ng/ul	0.00
11) 2-Chlorophenol-d4	7.903	132	20211	21.710	ng/ul	0.00
15) 4-Methylphenol-d8	9.078	113	22482	20.939	ng/ul	0.00
21) Nitrobenzene-d5	9.554	128	10050	20.233	ng/ul	0.00
24) 2-Nitrophenol-d4	10.282	143	12282	21.187	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	26408	23.612	ng/ul	0.00
31) 4-Chloroaniline-d4	11.339	131	31293	21.111	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	80731	20.289	ng/ul	0.00
49) Acenaphthylene-d8	14.688	160	98385	22.000	ng/ul	0.00
54) 4-Nitrophenol-d4	15.181	143	10256	17.708	ng/ul	0.00
60) Fluorene-d10	15.980	176	80529	21.725	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.098	200	10225	14.074	ng/ul	0.00
73) Anthracene-d10	17.831	188	126022	22.516	ng/ul	0.00
81) Pyrene-d10	20.098	212	136745	23.171	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.326	264	114684	21.600	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.691	88	2811	7.808	ng/uL#	74
5) Pyridine	4.114	79	20726	18.372	ng/ul#	87
6) Benzaldehyde	7.503	77	9581m	22.205	ng/ul	
8) Phenol	7.545	94	28933	20.320	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.774	93	19653	18.442	ng/ul	94
12) 2-Chlorophenol	7.938	128	21447	21.933	ng/ul	94
13) 2-Methylphenol	8.813	108	22201	20.119	ng/ul	85
14) 2,2'-oxybis(1-Chloropr...	8.896	45	24169	17.591	ng/ul#	93
16) Acetophenone	9.207	105	36377	19.689	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.178	70	18838	17.743	ng/ul	94
18) 4-Methylphenol	9.148	108	24840	20.797	ng/ul	98
19) Hexachloroethane	9.477	117	8711	21.292	ng/ul	95
22) Nitrobenzene	9.601	77	30041	20.310	ng/ul	99
23) Isophorone	10.118	82	54333	19.307	ng/ul	98
25) 2-Nitrophenol	10.317	139	12719	21.662	ng/ul	92
26) 2,4-Dimethylphenol	10.358	107	29173	21.902	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.588	93	27902	19.073	ng/ul#	91
29) 2,4-Dichlorophenol	10.858	162	24846	23.405	ng/ul	97
30) Naphthalene	11.269	128	74038	21.619	ng/ul	99
32) 4-Chloroaniline	11.369	127	33153	21.465	ng/ul	99
33) Hexachlorobutadiene	11.533	225	20352	22.604	ng/ul	96
34) Caprolactam	12.115	113	7757	21.705	ng/ul	92
35) 4-Chloro-3-methylphenol	12.467	107	27531	22.540	ng/ul	94

Quantitation Report (QT Reviewed)

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Misc :
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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.843	142	56054	22.319 ng/ul	98
37) 1-Methylnaphthalene	13.061	142	56742	22.469 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.208	216	41417	22.696 ng/ul	97
40) Hexachlorocyclopentadiene	13.172	237	9331	10.246 ng/ul	94
41) 2,4,6-Trichlorophenol	13.443	196	24200	22.770 ng/ul	98
42) 2,4,5-Trichlorophenol	13.519	196	26219	22.977 ng/ul	90
43) 1,1'-Biphenyl	13.830	154	82173	21.446 ng/ul	99
44) 2-Chloronaphthalene	13.877	162	65367	22.002 ng/ul	98
45) 2-Nitroaniline	14.077	65	19245	21.457 ng/ul	95
47) Dimethylphthalate	14.424	163	82069	20.539 ng/ul	99
48) 2,6-Dinitrotoluene	14.553	165	17739	21.572 ng/ul	93
50) Acenaphthylene	14.717	152	100005	22.006 ng/ul	99
51) 3-Nitroaniline	14.888	138	14116	24.227 ng/ul	98
52) Acenaphthene	15.058	153	70748	21.850 ng/ul	98
53) 2,4-Dinitrophenol	15.111	184	4167	9.516 ng/ul#	87
55) 4-Nitrophenol	15.199	109	11309	17.225 ng/ul	95
56) Dibenzofuran	15.387	168	102965	22.021 ng/ul	100
57) 2,4-Dinitrotoluene	15.346	165	25175	21.386 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.616	232	22988	22.171 ng/ul	96
59) Diethylphthalate	15.769	149	83259	20.510 ng/ul	99
61) Fluorene	16.033	166	86343	21.838 ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.010	204	50454	21.863 ng/ul	98
63) 4-Nitroaniline	16.045	138	10511	19.050 ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.110	198	10656	14.394 ng/ul#	94
67) N-Nitrosodiphenylamine	16.221	169	71376	22.283 ng/ul	99
68) 4-Bromophenyl-phenylether	16.903	248	32932	22.470 ng/ul	92
69) Hexachlorobenzene	17.038	284	35555	23.038 ng/ul	94
70) Atrazine	17.155	200	32245	22.651 ng/ul	98
71) Pentachlorophenol	17.390	266	11699m	16.400 ng/ul	
72) Phenanthrene	17.772	178	142408	22.302 ng/ul	100
74) Anthracene	17.866	178	142987	22.292 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.807	216	43650	23.667 ng/uL	95
76) Pentachlorobenzene	15.311	250	43866	23.366 ng/uL	98
77) Carbazole	18.130	167	120095	22.404 ng/ul	99
78) Di-n-butylphthalate	18.647	149	135886	22.169 ng/ul	99
80) Fluoranthene	19.763	202	165894	23.664 ng/ul	98
82) Pyrene	20.128	202	161862	22.807 ng/ul#	97
83) Butylbenzylphthalate	20.974	149	52393	23.052 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.919	252	51920	23.513 ng/ul	99
85) Benzo(a)anthracene	22.025	228	153566	21.838 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.866	149	74181	22.441 ng/ul	95
87) Chrysene	22.096	228	145962	22.001 ng/ul	99
89) Di-n-octyl phthalate	23.171	149	126006	21.895 ng/ul	100
90) Benzo(b)fluoranthene	24.439	252	154615	21.424 ng/ul	96
91) Benzo(k)fluoranthene	24.510	252	154190	21.961 ng/ul	96
93) Benzo(a)pyrene	25.409	252	135687	21.778 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.650	276	163179	20.952 ng/ul	98
95) Dibenzo(a,h)anthracene	29.697	278	137549	21.299 ng/ul#	96
96) Benzo(g,h,i)perylene	30.925	276	126174m	20.018 ng/ul	

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

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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Acq On : 4 May 2023 9:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 05 01:55:14 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
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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