Quantitation Report (Qedit)

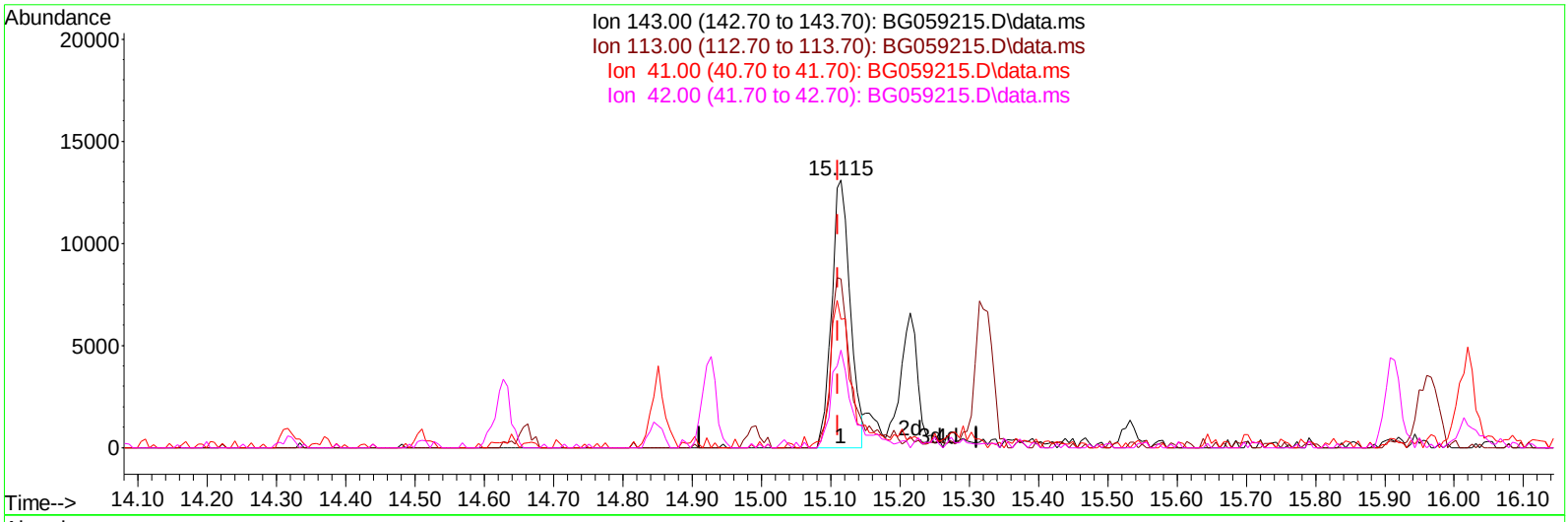
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059215.D
Acq On : 27 Sep 2023 5:14
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

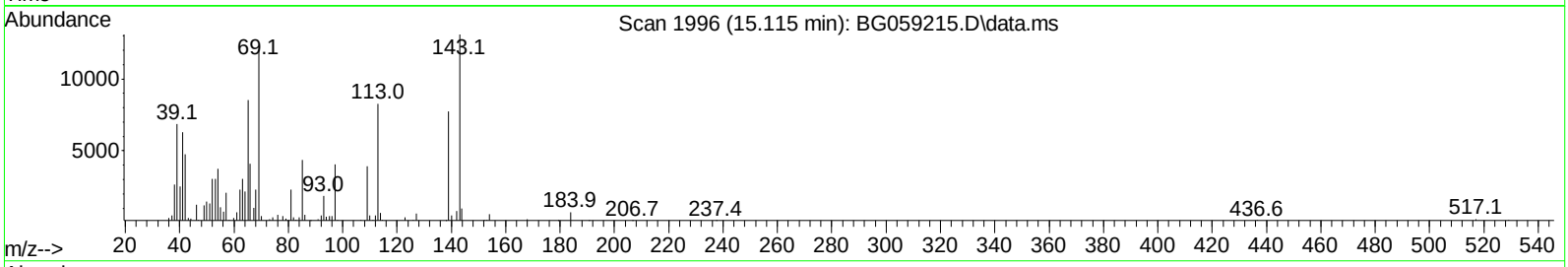
Quant Time: Sep 27 06:41:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

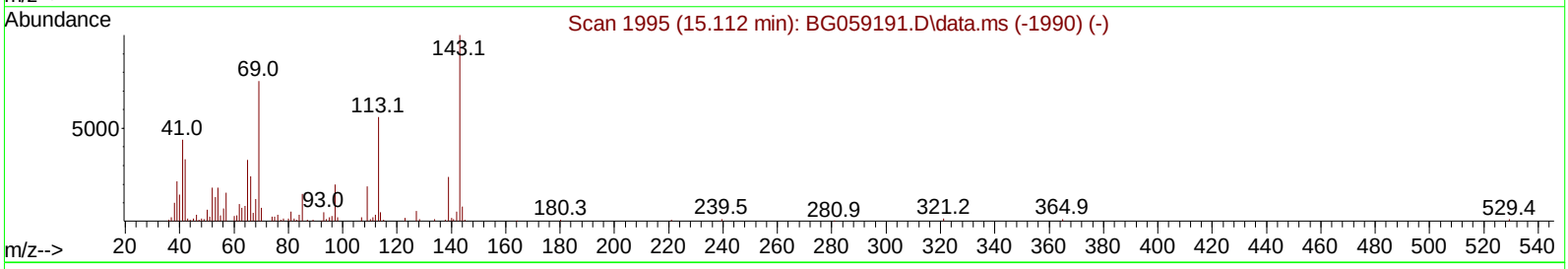
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059215.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.115min (+ 0.005) 11.36 ng/ul

response 24206

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.10	63.19
41.00	52.00	47.98
42.00	40.70	36.42

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059215.D
Acq On : 27 Sep 2023 5:14
Operator : MA/JU
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
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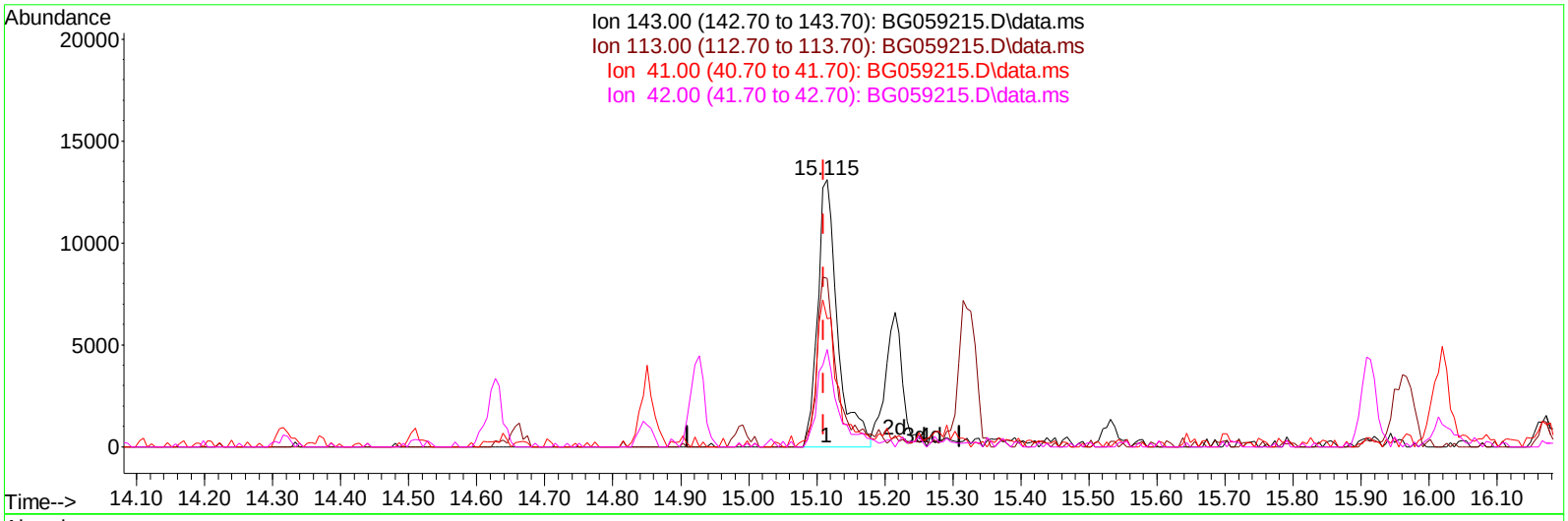
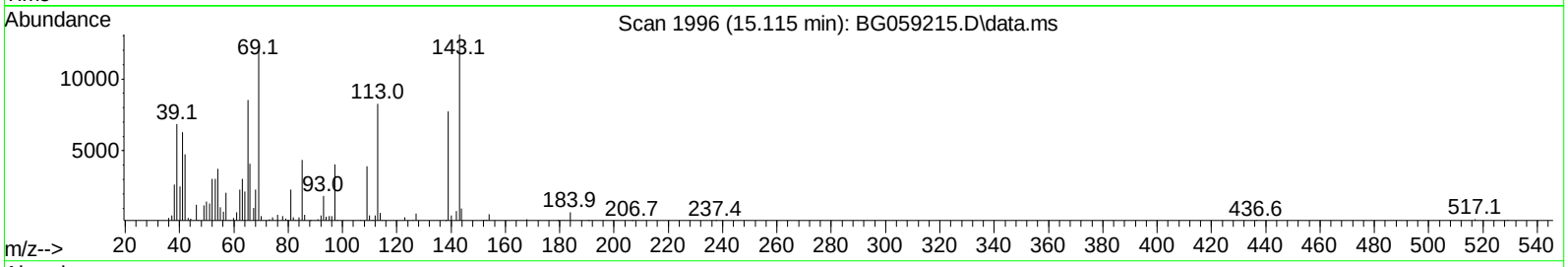
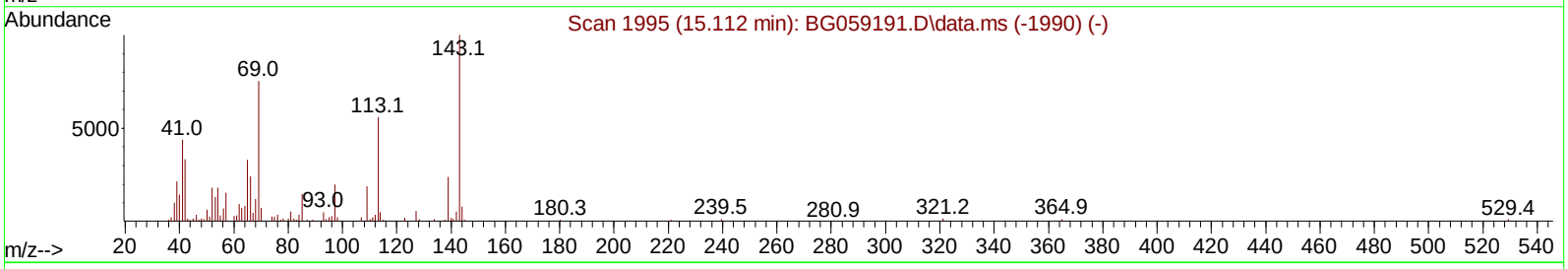
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059215.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.115min (+ 0.005) 12.54 ng/ul m

response 26731

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	69.10	63.19
41.00	52.00	47.98
42.00	40.70	36.42

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059215.D
Acq On : 27 Sep 2023 5:14
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 27 06:41:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
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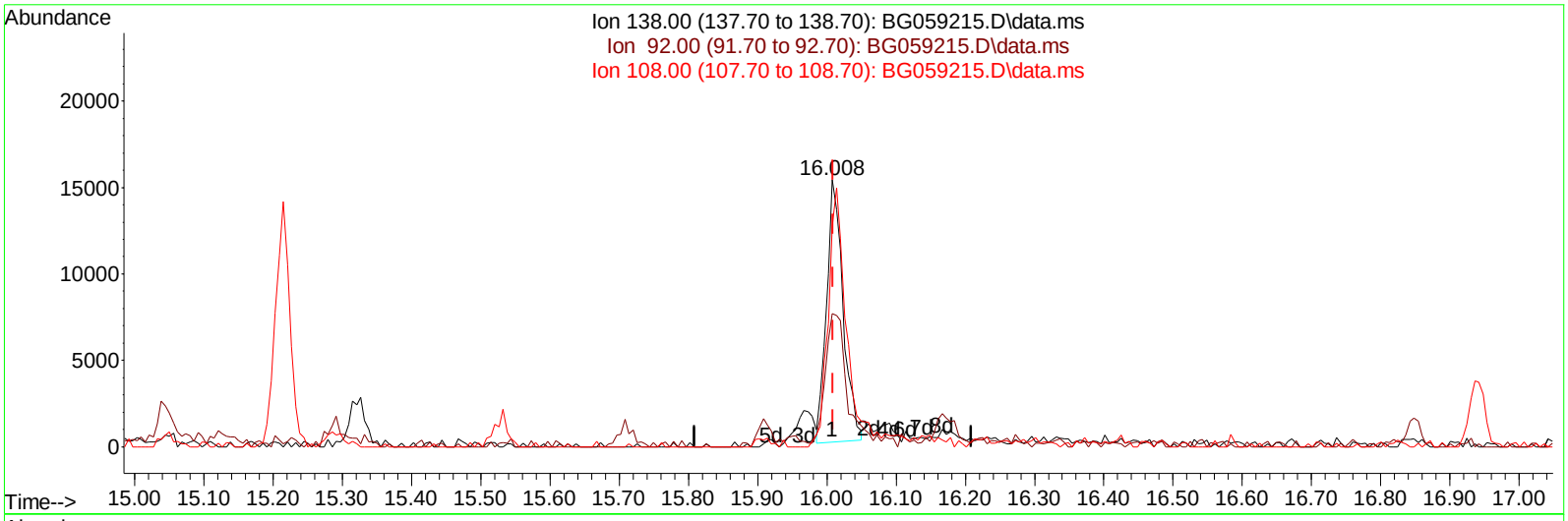
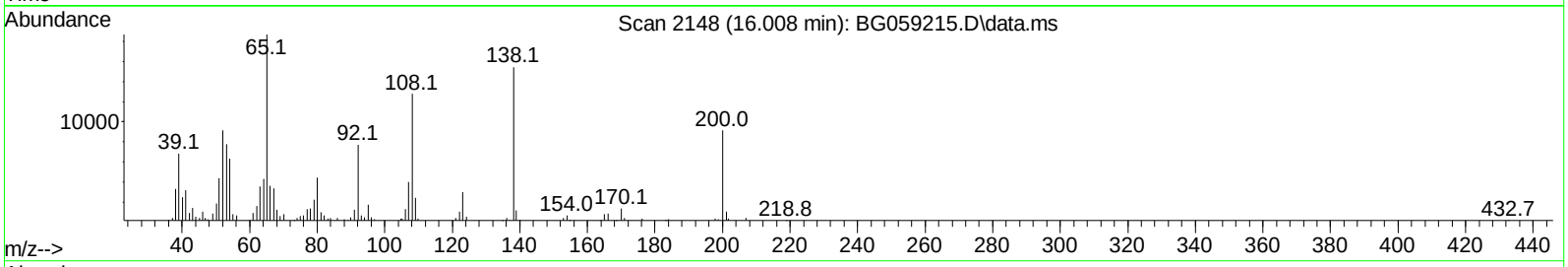
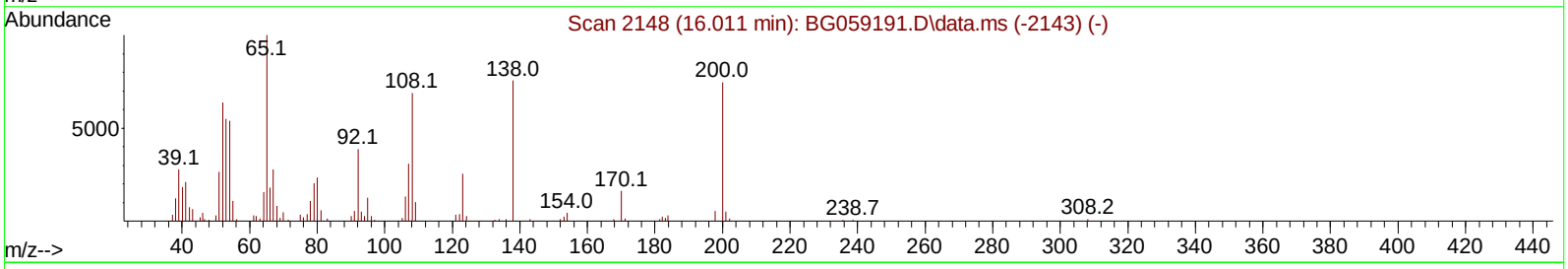






TIC: BG059215.D\data.ms

(63) 4-Nitroaniline

16.008min (-0.001) 11.11 ng/ul

response 25049

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.80	49.98
108.00	66.90	82.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

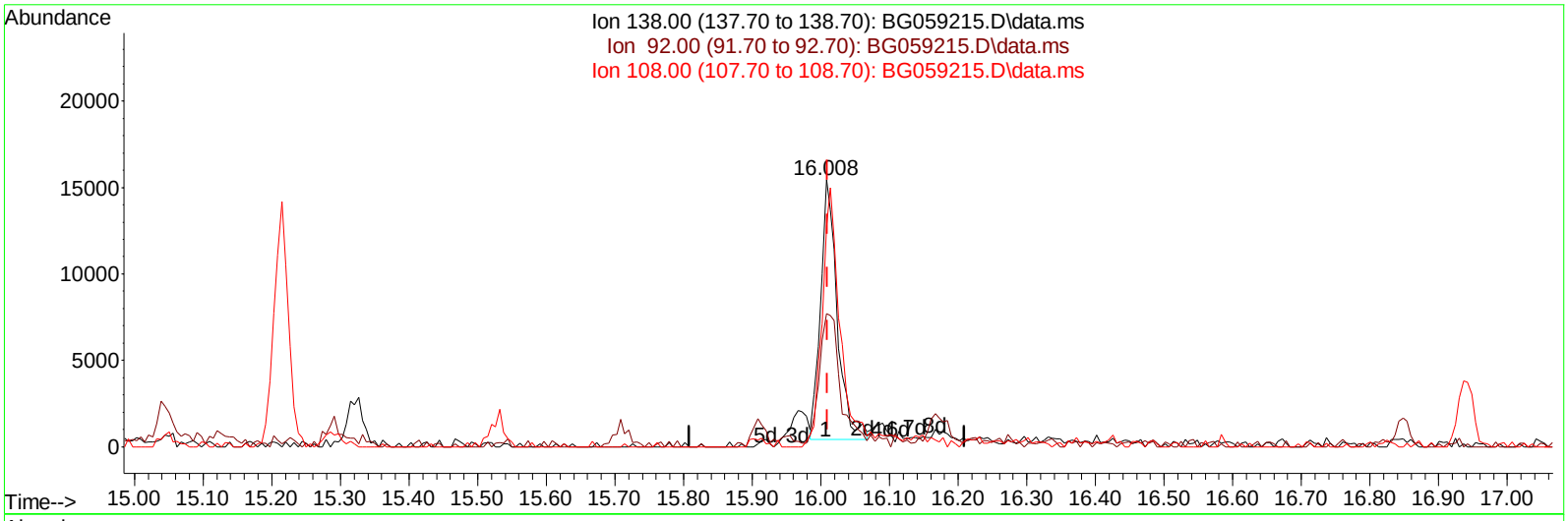
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059215.D
Acq On : 27 Sep 2023 5:14
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

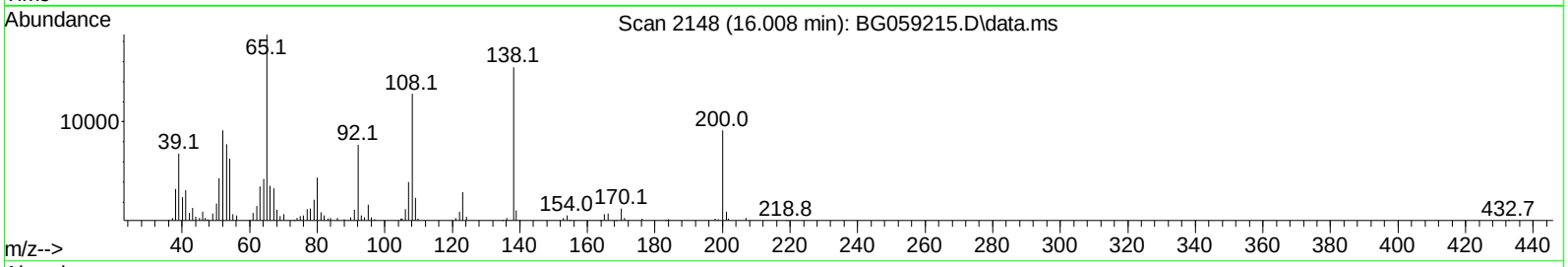
Quant Time: Sep 27 06:41:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

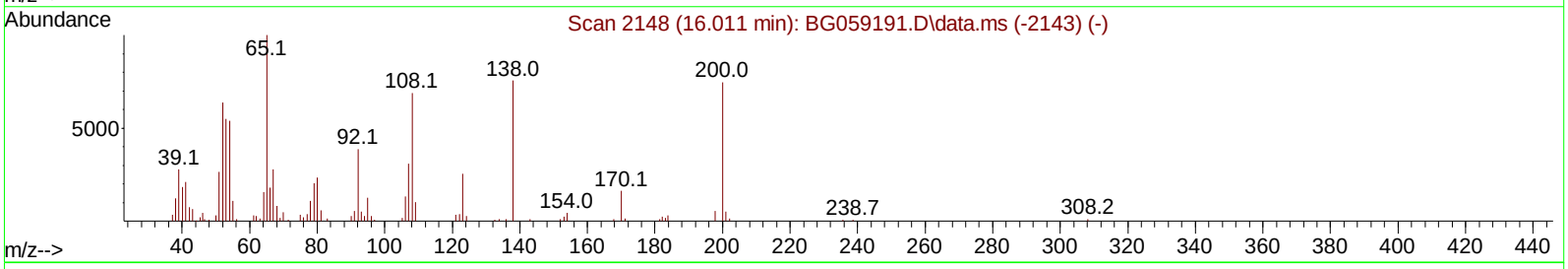
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059215.D\data.ms

(63) 4-Nitroaniline

16.008min (-0.001) 11.17 ng/ul m

response 25197

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.80	49.98
108.00	66.90	82.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059215.D
Acq On : 27 Sep 2023 5:14
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 27 06:41:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
LabSampleId :
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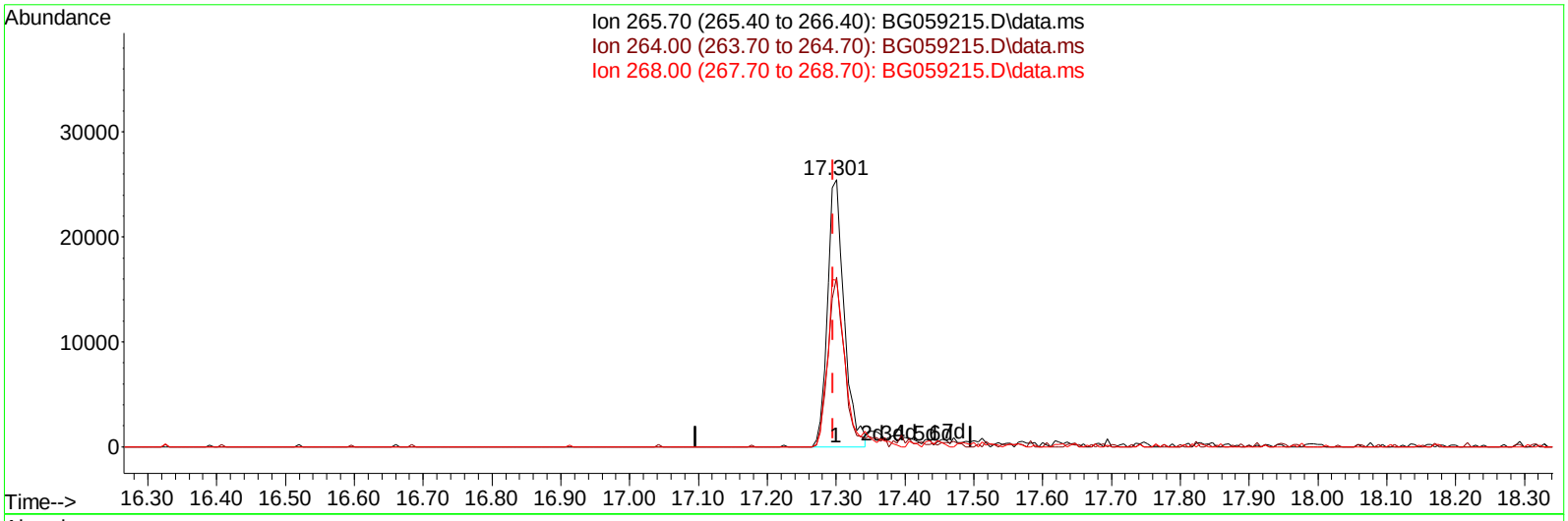
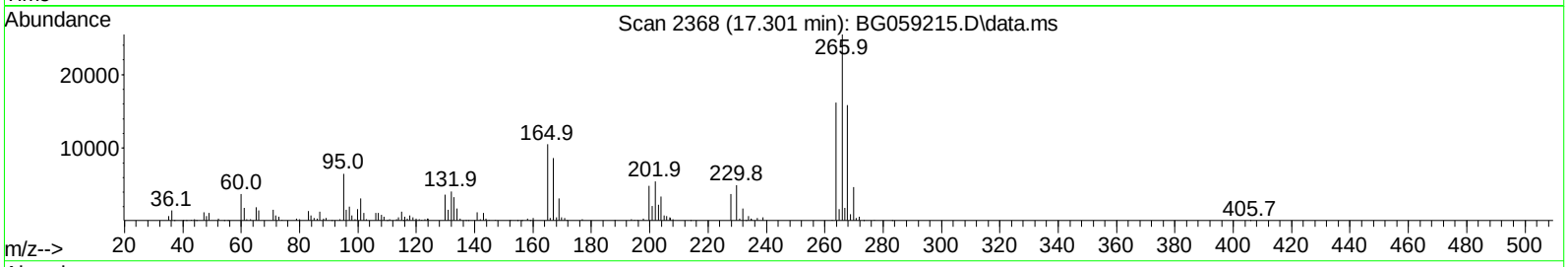
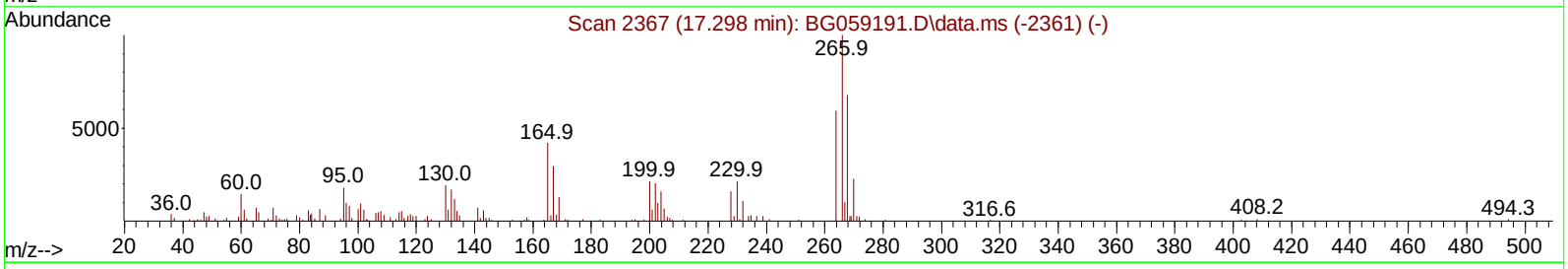
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059215.D\data.ms

(71) Pentachlorophenol (C)

17.301min (+ 0.005) 15.59 ng/ul

response 42747

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	63.30	63.66
268.00	70.50	62.41
0.00	0.00	0.00

Quantitation Report (Qedit)

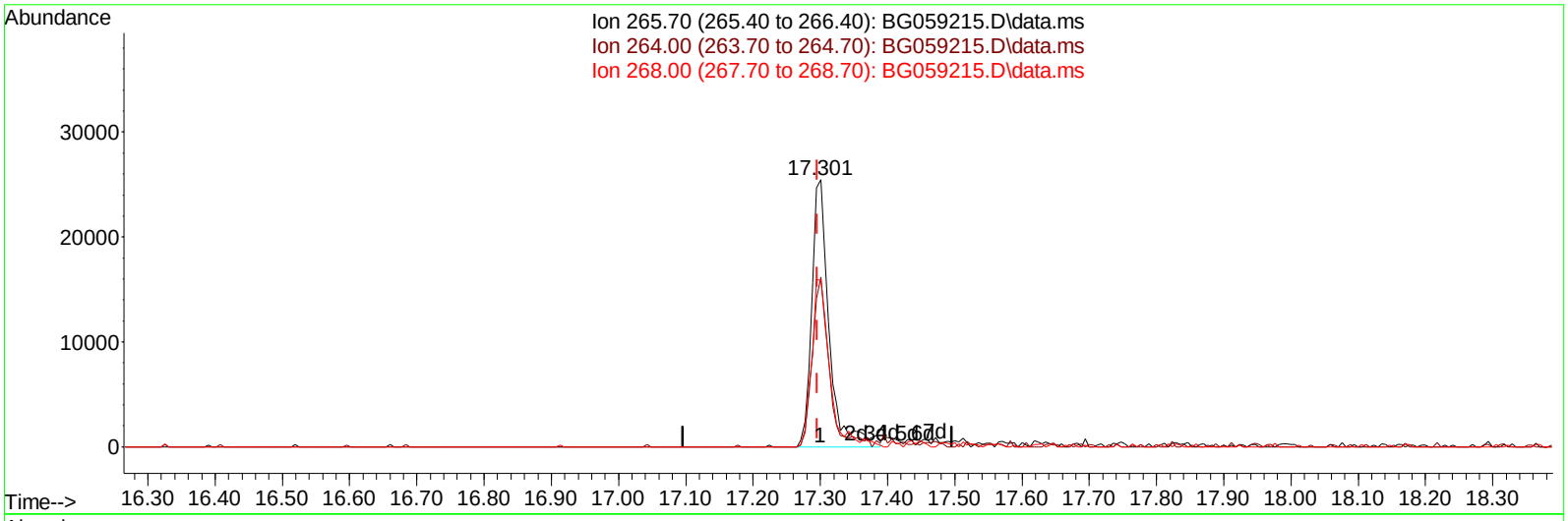
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059215.D
Acq On : 27 Sep 2023 5:14
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

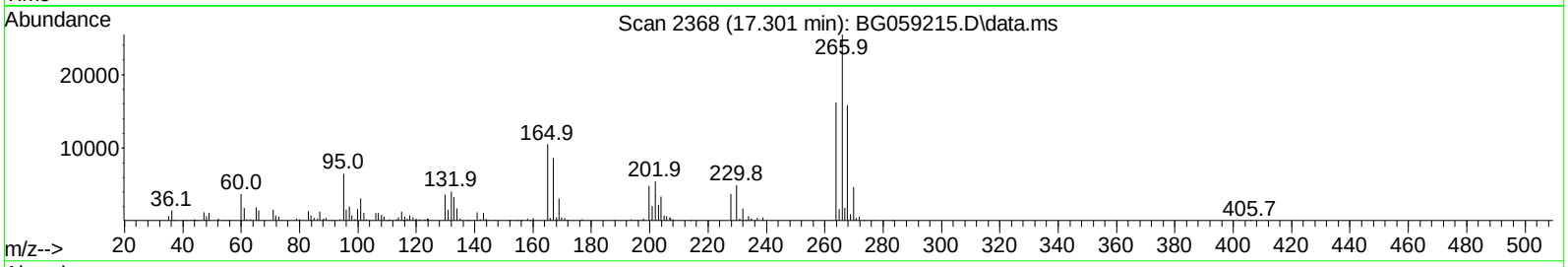
Quant Time: Sep 27 06:41:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

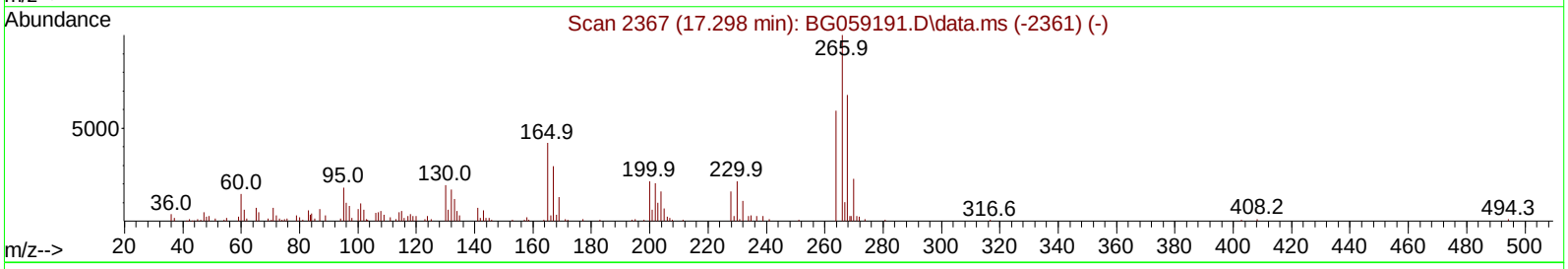
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059215.D\data.ms

(71) Pentachlorophenol (C)

17.301min (+ 0.005) 16.71 ng/ul m

response 45821

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	63.30	63.66
268.00	70.50	62.41
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059215.D
Acq On : 27 Sep 2023 5:14
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 27 06:42:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
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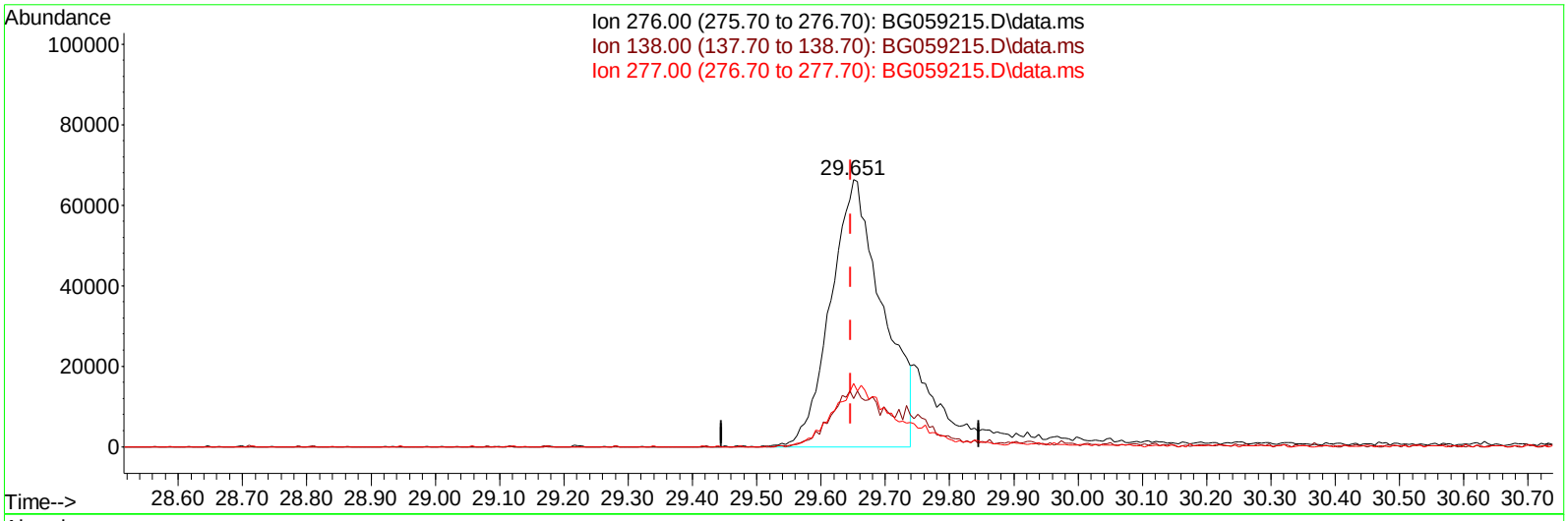
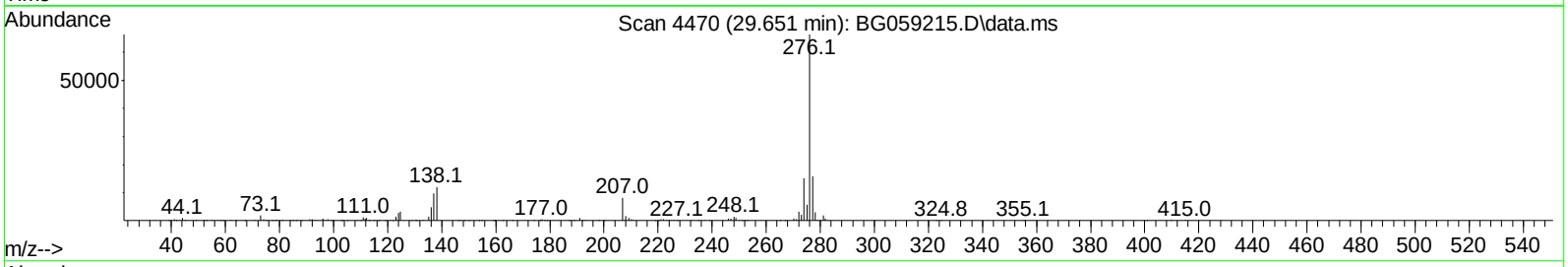
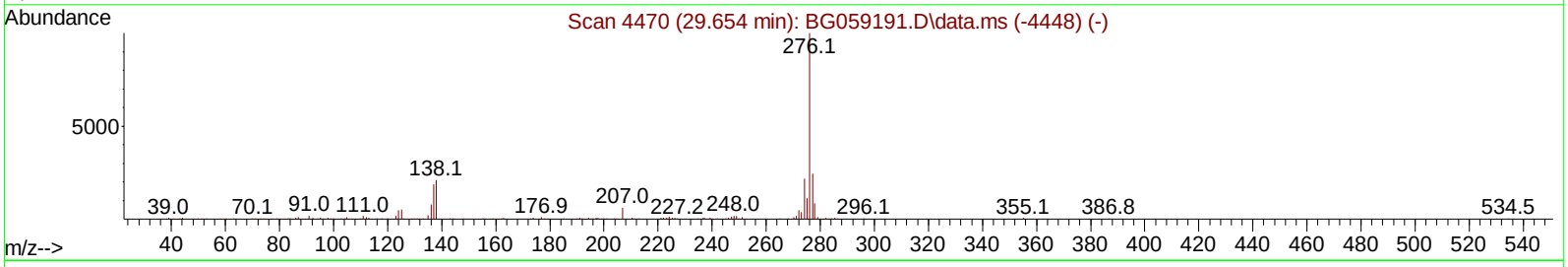
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059215.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.651min (+ 0.005) 15.75 ng/ul

response 370896

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	18.10
277.00	25.50	23.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059215.D
Acq On : 27 Sep 2023 5:14
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 27 06:42:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
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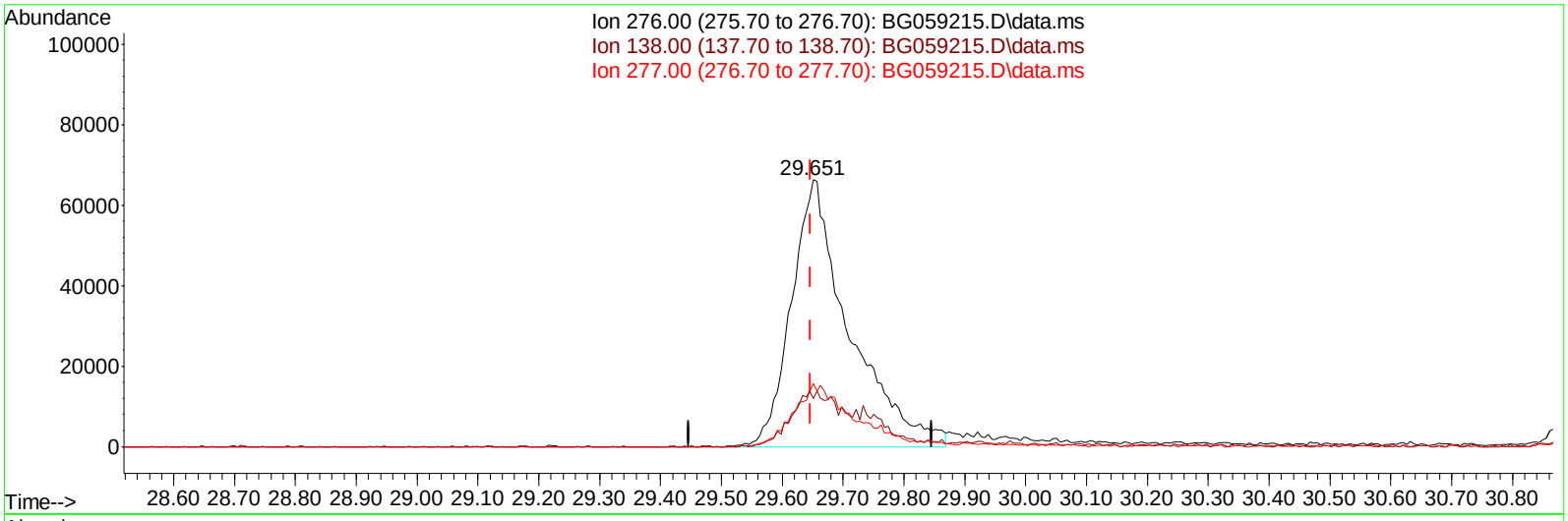

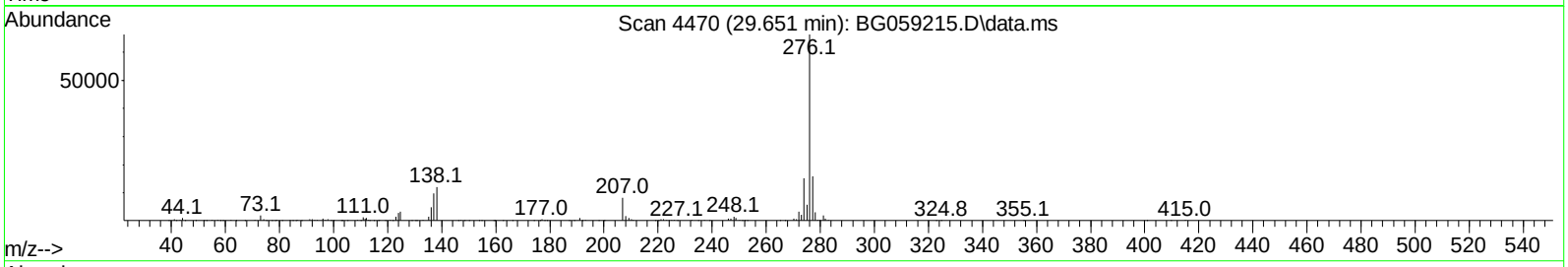

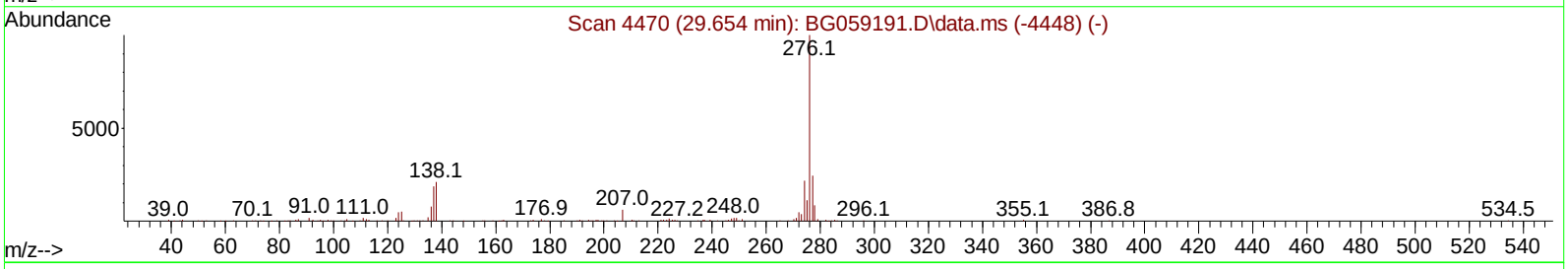

TIC: BG059215.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.651min (+ 0.005) 18.61 ng/ul m

response 438161

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	18.10
277.00	25.50	23.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059215.D
Acq On : 27 Sep 2023 5:14
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 27 06:42:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

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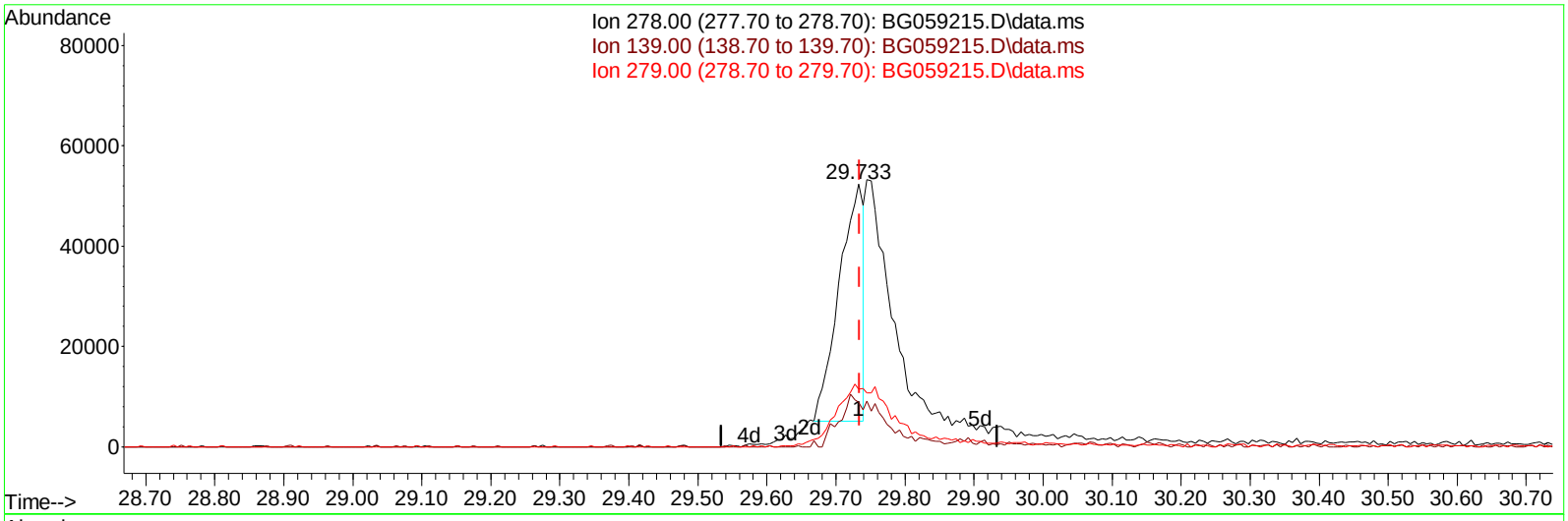

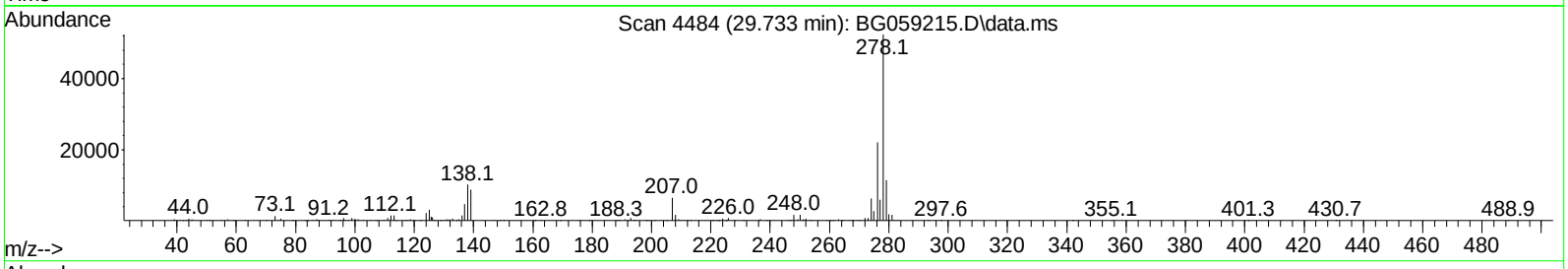

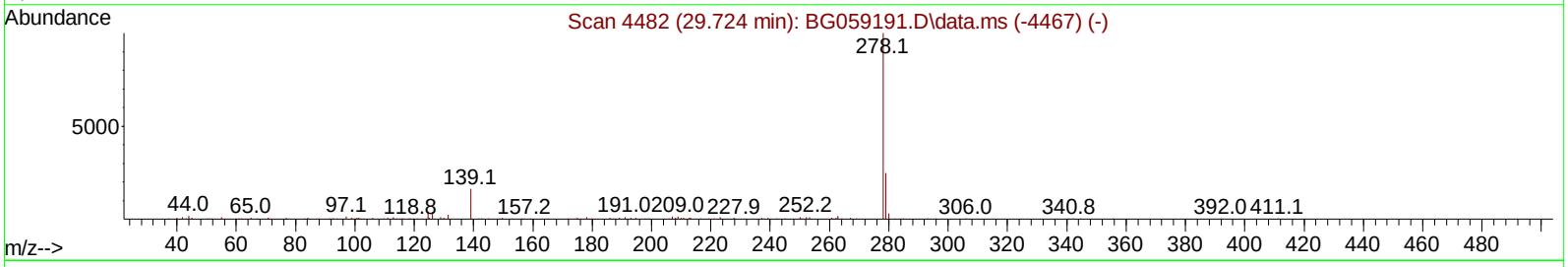

TIC: BG059215.D\data.ms

(95) Dibenzo(a,h)anthracene

29.733min (-0.001) 6.06 ng/ul

response 114691

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.20	17.02
279.00	23.70	22.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
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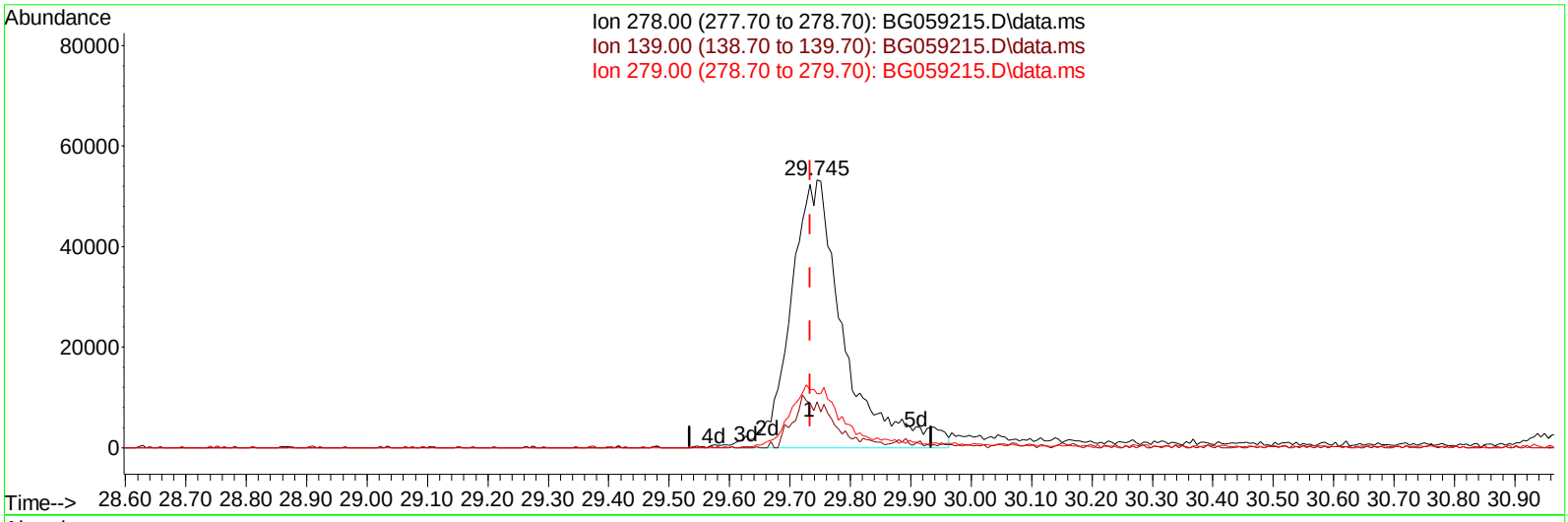
Acq On : 27 Sep 2023 5:14
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

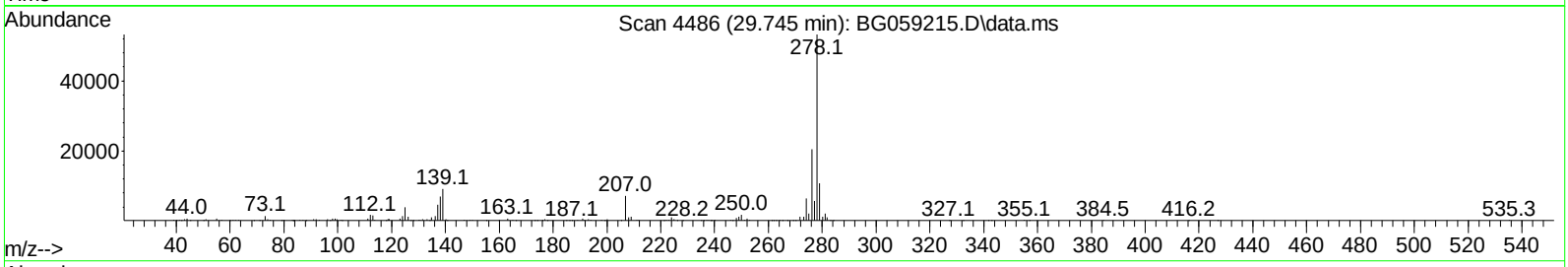
Quant Time: Sep 27 06:42:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

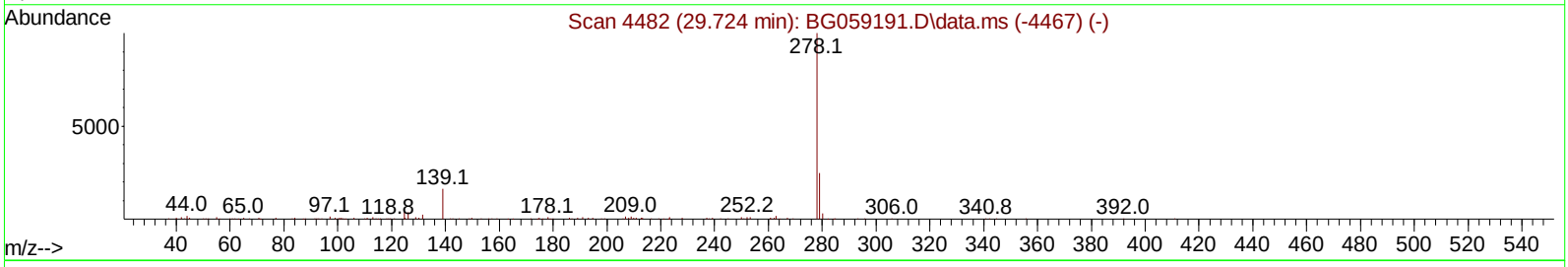
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059215.D\data.ms

(95) Dibenzo(a,h)anthracene

29.745min (+ 0.011) 17.25 ng/ul m

response 326412

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	17.20	17.07
279.00	23.70	20.23
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059215.D
Acq On : 27 Sep 2023 5:14
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 27 06:43:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	37422	20.000	ng/ul	0.00
20) Naphthalene-d8	11.137	136	205955	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.927	164	151925	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.677	188	378747	20.000	ng/ul	0.00
79) Chrysene-d12	21.995	240	302224	20.000	ng/ul	0.00
88) Perylene-d12	25.544	264	353470	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	7403	7.743	ng/uL	0.00
4) Pyridine-d5	4.040	84	62673	22.345	ng/ul	0.00
7) Phenol-d5	7.418	99	85685	23.286	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.612	67	51753	22.919	ng/ul	0.00
11) 2-Chlorophenol-d4	7.812	132	62975	23.192	ng/ul	0.00
15) 4-Methylphenol-d8	8.987	113	68582	23.402	ng/ul	0.00
21) Nitrobenzene-d5	9.492	128	33292	20.948	ng/ul	0.00
24) 2-Nitrophenol-d4	10.215	143	37114	23.117	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.743	165	74254	24.362	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	105153	22.104	ng/ul	0.00
46) Dimethylphthalate-d6	14.316	166	261110	22.347	ng/ul	0.00
49) Acenaphthylene-d8	14.627	160	306359	21.534	ng/ul	0.00
54) 4-Nitrophenol-d4	15.115	143	26731m	12.540	ng/ul	0.00
60) Fluorene-d10	15.914	176	236066	22.072	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.020	200	34771	16.148	ng/ul	0.00
73) Anthracene-d10	17.776	188	360211	20.902	ng/ul	0.00
81) Pyrene-d10	20.050	212	408120	23.103	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.297	264	362147	20.982	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	8525	7.886	ng/uL	97
5) Pyridine	4.063	79	61959	21.679	ng/ul	95
6) Benzaldehyde	7.441	77	49409	25.896	ng/ul	96
8) Phenol	7.447	94	87994	23.266	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.712	93	70513	23.222	ng/ul	94
12) 2-Chlorophenol	7.847	128	62900	22.704	ng/ul#	87
13) 2-Methylphenol	8.722	108	68426	24.379	ng/ul	82
14) 2,2'-oxybis(1-Chloropr...	8.799	45	148340	23.529	ng/ul	99
16) Acetophenone	9.139	105	107709	23.873	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.098	70	58587	25.687	ng/ul	90
18) 4-Methylphenol	9.051	108	75192	24.998	ng/ul	98
19) Hexachloroethane	9.380	117	22778	20.911	ng/ul	91
22) Nitrobenzene	9.533	77	75557	20.995	ng/ul	95
23) Isophorone	10.044	82	175280	22.713	ng/ul	99
25) 2-Nitrophenol	10.244	139	39971	22.279	ng/ul	93
26) 2,4-Dimethylphenol	10.268	107	77368	23.065	ng/ul#	85
27) Bis(2-Chloroethoxy)met...	10.526	93	107641	22.420	ng/ul	96
29) 2,4-Dichlorophenol	10.773	162	72643	23.577	ng/ul	90
30) Naphthalene	11.190	128	242094	21.967	ng/ul	98
32) 4-Chloroaniline	11.308	127	102708	21.933	ng/ul	94
33) Hexachlorobutadiene	11.419	225	40754	20.551	ng/ul	92
34) Caprolactam	12.083	113	27666	24.519	ng/ul#	58
35) 4-Chloro-3-methylphenol	12.383	107	84107	25.916	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059215.D
Acq On : 27 Sep 2023 5:14
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 27 06:43:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.771	142	166008	22.554 ng/ul	94
37) 1-Methylnaphthalene	12.988	142	171974	23.129 ng/ul	92
39) 1,2,4,5-Tetrachloroben...	13.111	216	87951	19.747 ng/ul	97
40) Hexachlorocyclopentadiene	13.064	237	48637	17.129 ng/ul	99
41) 2,4,6-Trichlorophenol	13.358	196	63806	21.938 ng/ul	100
42) 2,4,5-Trichlorophenol	13.429	196	66750	21.217 ng/ul	96
43) 1,1'-Biphenyl	13.763	154	247742	20.430 ng/ul	96
44) 2-Chloronaphthalene	13.816	162	187268	20.225 ng/ul	91
45) 2-Nitroaniline	14.034	65	62832	21.408 ng/ul	94
47) Dimethylphthalate	14.369	163	264109	22.131 ng/ul	99
48) 2,6-Dinitrotoluene	14.510	165	52474	23.795 ng/ul#	77
50) Acenaphthylene	14.657	152	322998	21.256 ng/ul	98
51) 3-Nitroaniline	14.850	138	43726	17.970 ng/ul	97
52) Acenaphthene	14.991	153	218861	21.238 ng/ul	97
53) 2,4-Dinitrophenol	15.044	184	14608	10.993 ng/ul#	82
55) 4-Nitrophenol	15.132	109	18761	13.316 ng/ul	88
56) Dibenzofuran	15.320	168	302063	22.099 ng/ul	99
57) 2,4-Dinitrotoluene	15.291	165	76705	24.126 ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.532	232	65439	22.472 ng/ul#	85
59) Diethylphthalate	15.708	149	260571	22.158 ng/ul	98
61) Fluorene	15.967	166	262591	22.499 ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.949	204	132434	22.863 ng/ul	98
63) 4-Nitroaniline	16.008	138	25197m	11.171 ng/ul	
66) 4,6-Dinitro-2-methylph...	16.037	198	38481	16.581 ng/ul	93
67) N-Nitrosodiphenylamine	16.172	169	212570	21.080 ng/ul	95
68) 4-Bromophenyl-phenylether	16.848	248	80011	21.713 ng/ul	96
69) Hexachlorobenzene	16.942	284	95467	22.618 ng/ul	95
70) Atrazine	17.101	200	90866	22.647 ng/ul	90
71) Pentachlorophenol	17.301	266	45821m	16.713 ng/ul	
72) Phenanthrene	17.718	178	446741	21.078 ng/ul	99
74) Anthracene	17.812	178	450464	20.800 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.722	216	96844	19.179 ng/uL	95
76) Pentachlorobenzene	15.215	250	93765	20.076 ng/uL	97
77) Carbazole	18.088	167	340353	18.903 ng/ul	99
78) Di-n-butylphthalate	18.587	149	472016	21.280 ng/ul	100
80) Fluoranthene	19.709	202	498196	22.632 ng/ul	99
82) Pyrene	20.080	202	518141	22.566 ng/ul	99
83) Butylbenzylphthalate	20.932	149	194793	23.486 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.889	252	116156	15.905 ng/ul	96
85) Benzo(a)anthracene	21.977	228	466026	21.239 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.801	149	302419	24.370 ng/ul	96
87) Chrysene	22.048	228	451978	22.088 ng/ul	97
89) Di-n-octyl phthalate	23.123	149	501429	23.203 ng/ul	100
90) Benzo(b)fluoranthene	24.398	252	482322	22.393 ng/ul	98
91) Benzo(k)fluoranthene	24.469	252	474706	21.257 ng/ul	99
93) Benzo(a)pyrene	25.379	252	426910	20.624 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.651	276	438161m	18.612 ng/ul	
95) Dibenzo(a,h)anthracene	29.745	278	326412m	17.253 ng/ul	
96) Benzo(g,h,i)perylene	30.967	276	365266	19.261 ng/ul	97

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

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

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