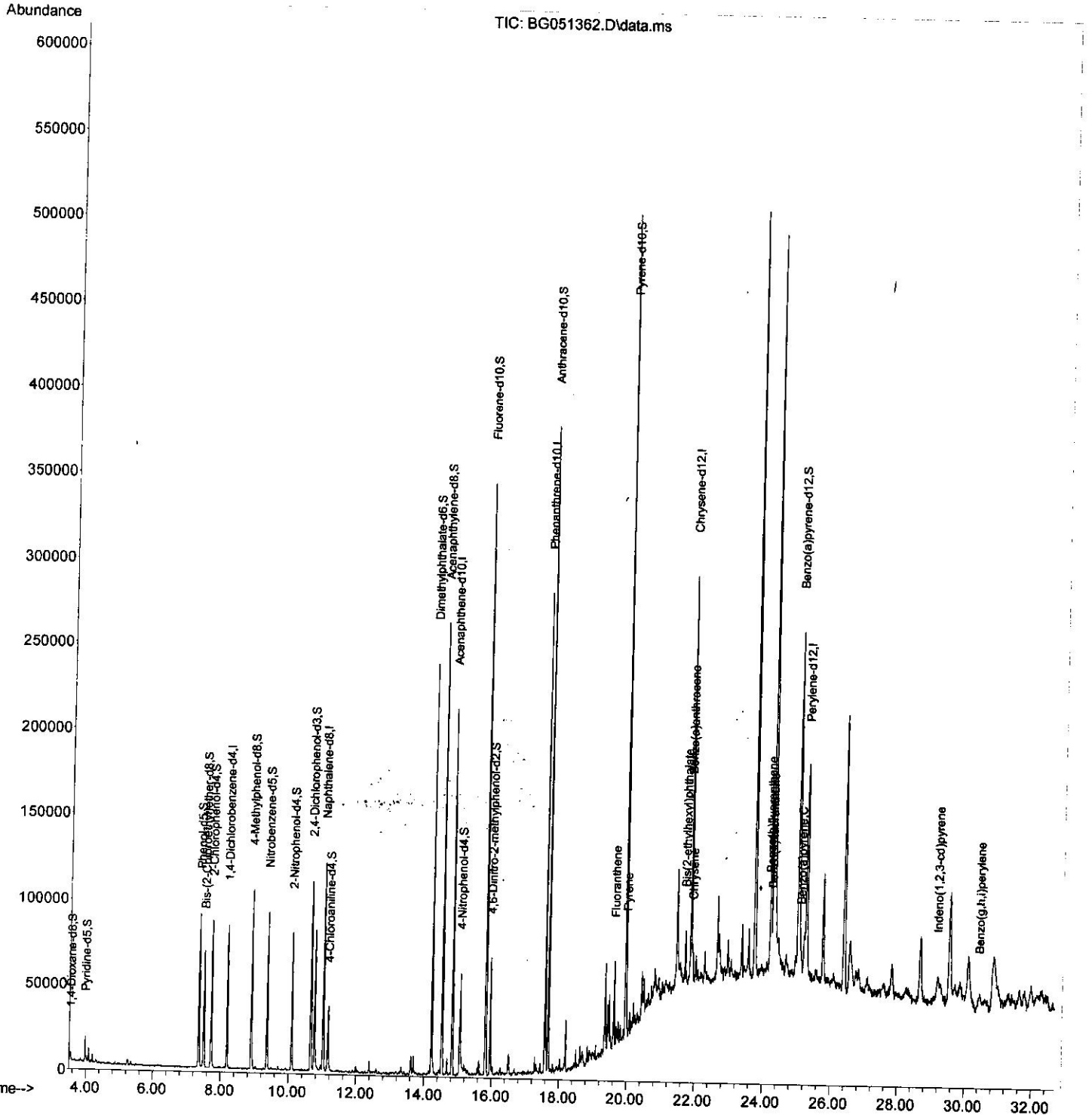Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051362.D
Acq On   : 6 Dec 2021   23:13
Operator : CG/JU
Sample   : M4833-24
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Dec 07 00:00:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ESQP7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/07/2021
Supervised By :mohammad ahmed   12/07/2021

TIC: BG051362.D\data.ms

SFAM-EPA-BG112321.M Tue Dec 07 01:25:42 2021

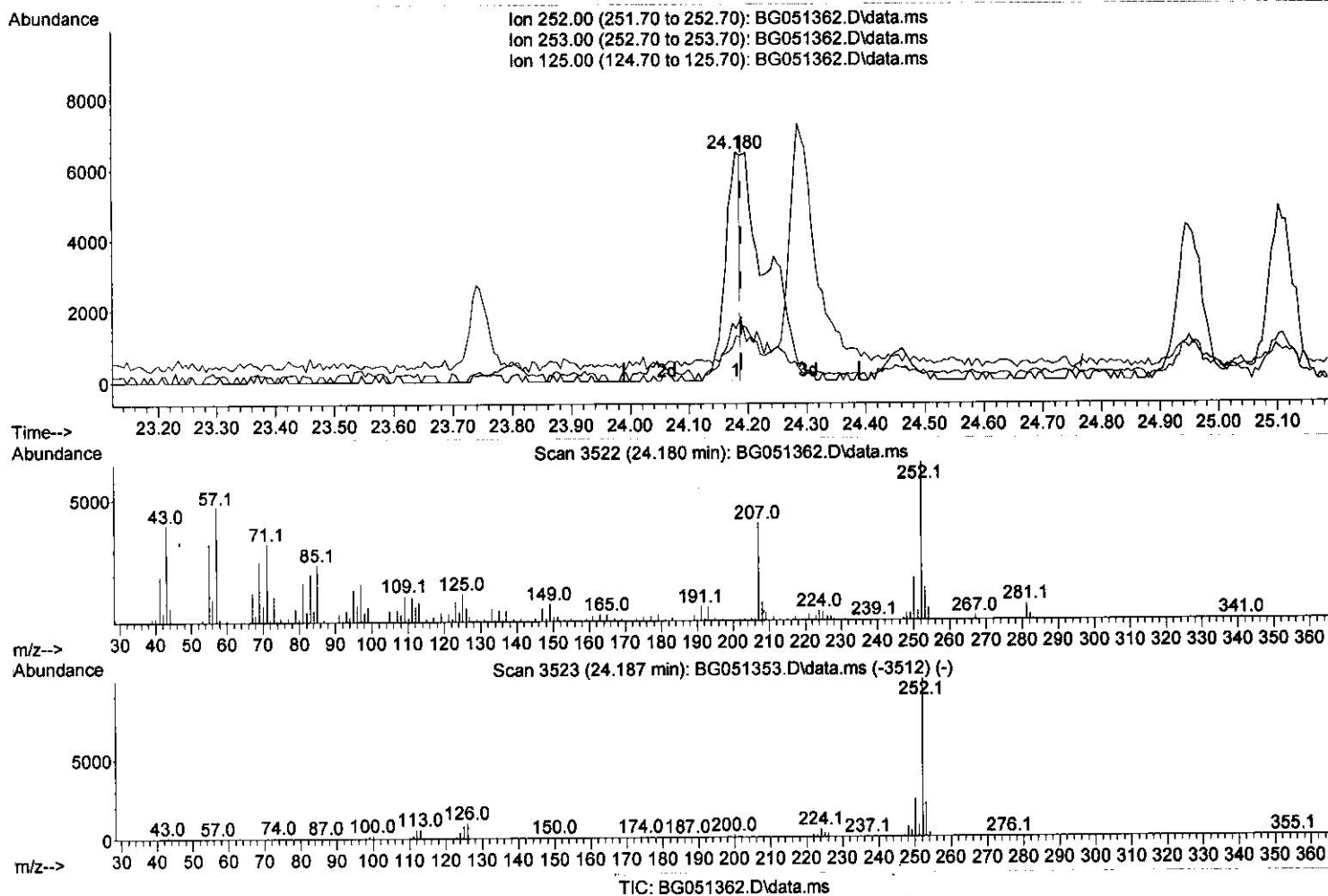Page: 2

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051362.D
Acq On   : 6 Dec 2021 23:13
Operator : CG/JU
Sample   : M4833-24
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Dec 07 00:00:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BG051362.D\data.ms
Ion 253.00 (252.70 to 253.70): BG051362.D\data.ms
Ion 125.00 (124.70 to 125.70): BG051362.D\data.ms

Scan 3522 (24.180 min): BG051362.D\data.ms

Scan 3523 (24.187 min): BG051353.D\data.ms (-3512) (-)

TIC: BG051362.D\data.ms

(90) Benzo(b)fluoranthene

24.180min (-0.010) 1.17 ng/ul

response   10988

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.65
125.00	10.60	19.56#
0.00	0.00	0.00

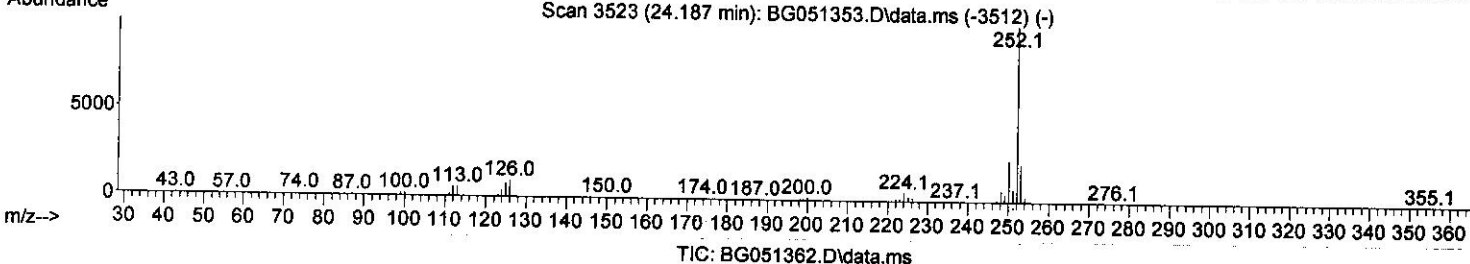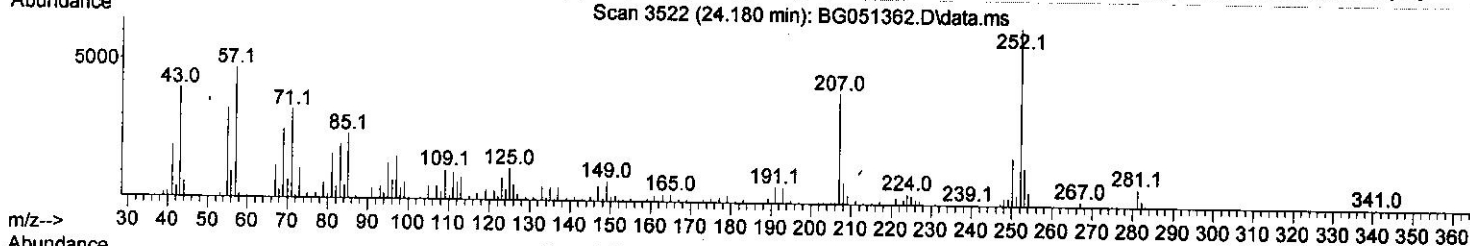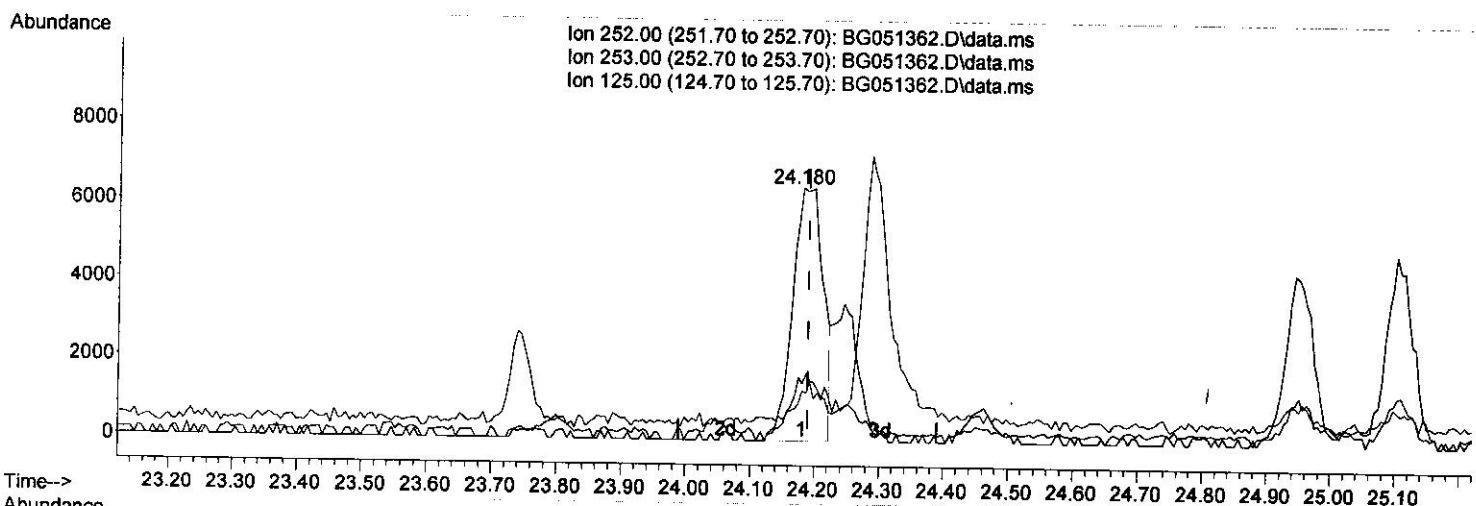SFAM-EPA-BG112321.M Tue Dec 07 01:23:33 2021   Page: 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051362.D
Acq On   : 6 Dec 2021 23:13
Operator : CG/JU
Sample   : M4833-24
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Dec 07 00:00:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ESQP7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/07/2021
Supervised By :mohammad ahmed   12/07/2021

Abundance

Ion 252.00 (251.70 to 252.70): BG051362.D\data.ms
Ion 253.00 (252.70 to 253.70): BG051362.D\data.ms
Ion 125.00 (124.70 to 125.70): BG051362.D\data.ms

24.180

Time-->
Abundance

Scan 3522 (24.180 min): BG051362.D\data.ms

252.1
43.0 57.1
71.1
85.1
207.0
109.1 125.0
149.0 165.0 191.1 224.0 239.1 267.0 281.1 341.0

m/z-->
Abundance

Scan 3523 (24.187 min): BG051353.D\data.ms (-3512) (-)

252.1
43.0 57.0 74.0 87.0 100.0 113.0 126.0 150.0 174.0 187.0 200.0 224.1 237.1 276.1 355.1

m/z-->

TIC: BG051362.D\data.ms

(90)   Benzo(b)fluoranthene

24.180min (-0.010)   2.25 ng/ul m

response   21020

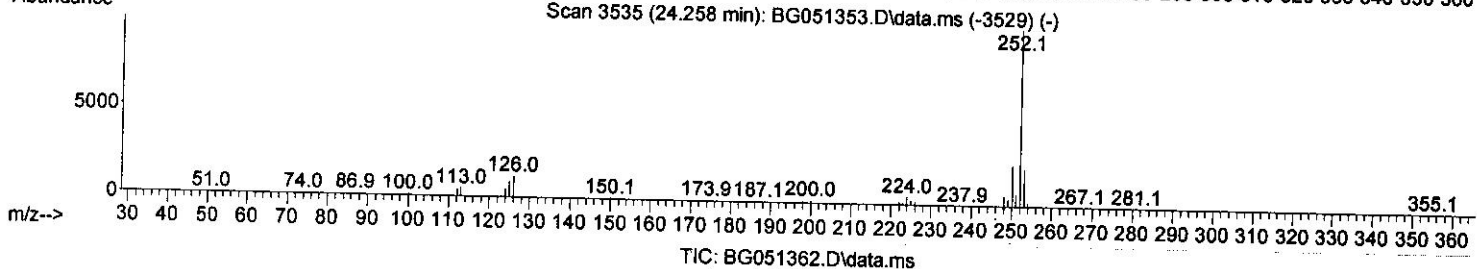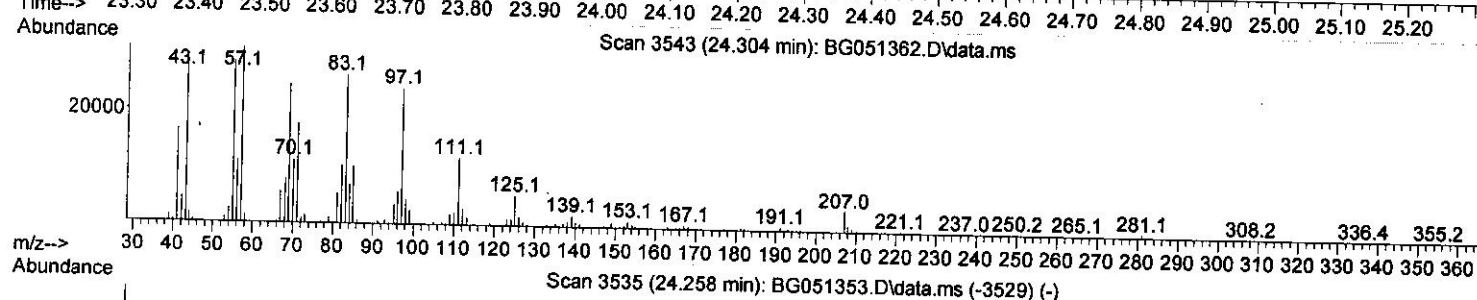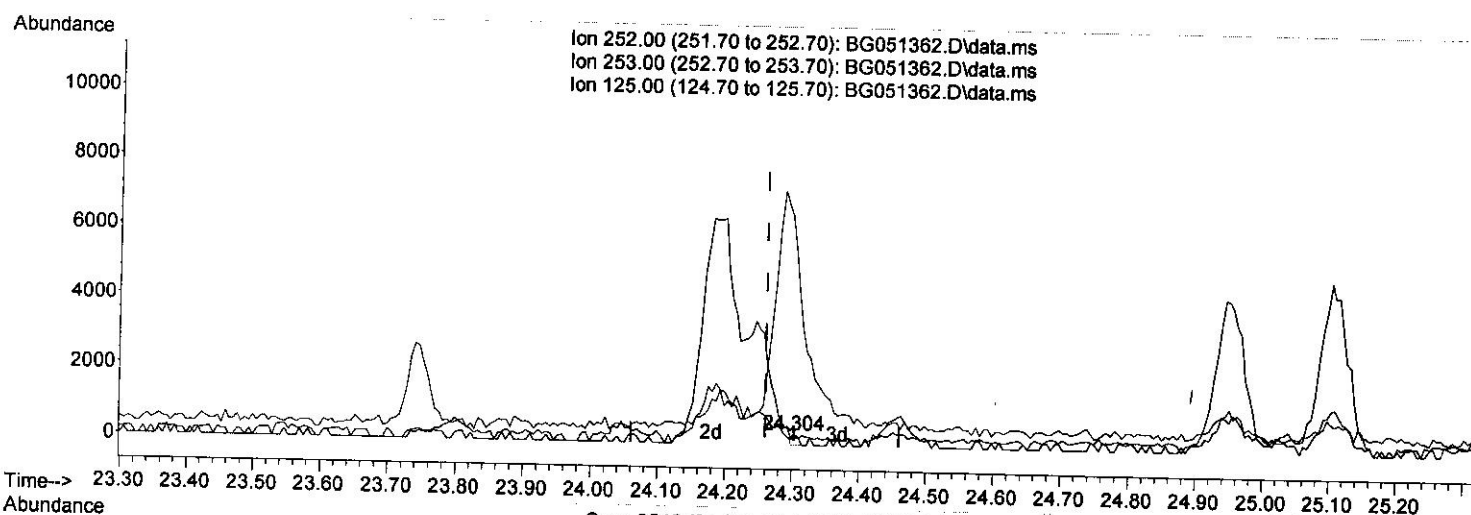| Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.65
125.00	10.60	19.56#
0.00	0.00	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051362.D
Acq On    :  6 Dec 2021  23:13
Operator  : CG/JU
Sample    : M4833-24
Misc      :
ALS Vial  : 19    Sample Multiplier: 1

Quant Time: Dec 07 00:00:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title  : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration
```

Instrument :
BNA_G
ClientSampleId :
ESQP7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/07/2021
Supervised By :mohammad ahmed   12/07/2021

Ion 252.00 (251.70 to 252.70): BG051362.D\data.ms
Ion 253.00 (252.70 to 253.70): BG051362.D\data.ms
Ion 125.00 (124.70 to 125.70): BG051362.D\data.ms

Scan 3543 (24.304 min): BG051362.D\data.ms

Scan 3535 (24.258 min): BG051353.D\data.ms (-3529) (-)

TIC: BG051362.D\data.ms

```
(91)   Benzo(k)fluoranthene

24.304min (+ 0.043)   0.02 ng/ul

response        181
```

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	74.91#
125.00	9.70	1961.13#
0.00	0.00	0.00

SFAM-EPA-BG112321.M Tue Dec 07 01:24:01 2021
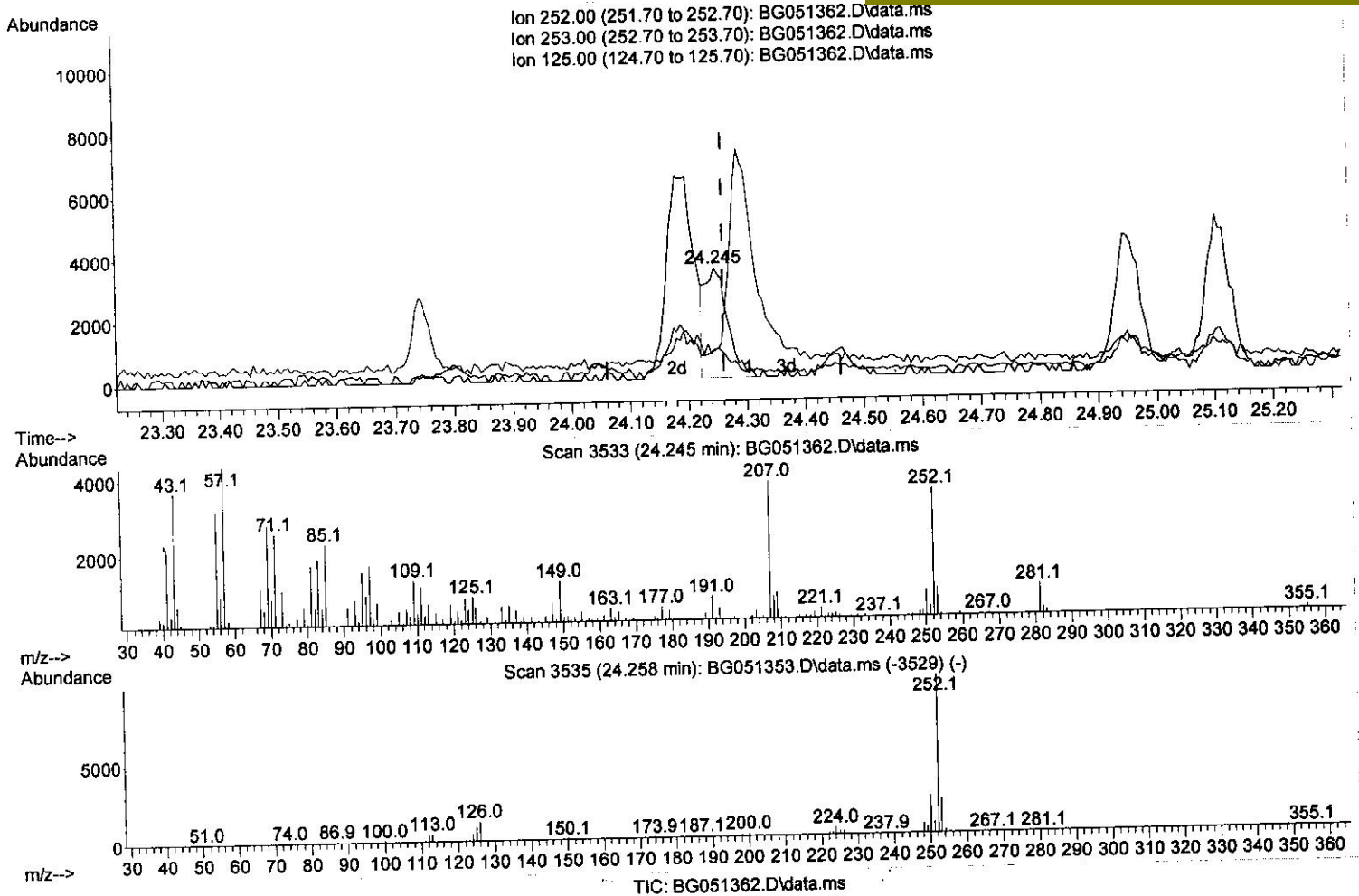
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051362.D
Acq On   : 6 Dec 2021 23:13
Operator : CG/JU
Sample   : M4833-24
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Dec 07 00:00:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BG051362.D\data.ms
Ion 253.00 (252.70 to 253.70): BG051362.D\data.ms
Ion 125.00 (124.70 to 125.70): BG051362.D\data.ms

Scan 3533 (24.245 min): BG051362.D\data.ms

Scan 3535 (24.258 min): BG051353.D\data.ms (-3529) (-)

TIC: BG051362.D\data.ms

(91) Benzo(k)fluoranthene

24.245min (-0.016) 1.08 ng/ul m

response   9461

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	25.19
125.00	9.70	24.50#
0.00	0.00	0.00

Page: 1

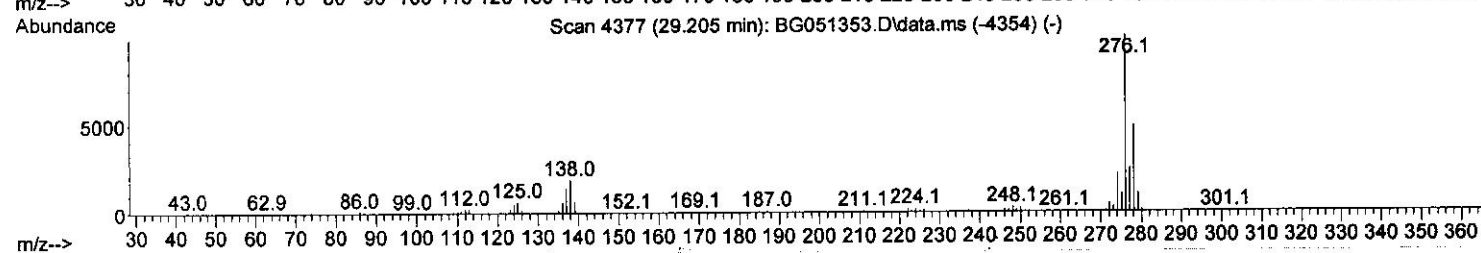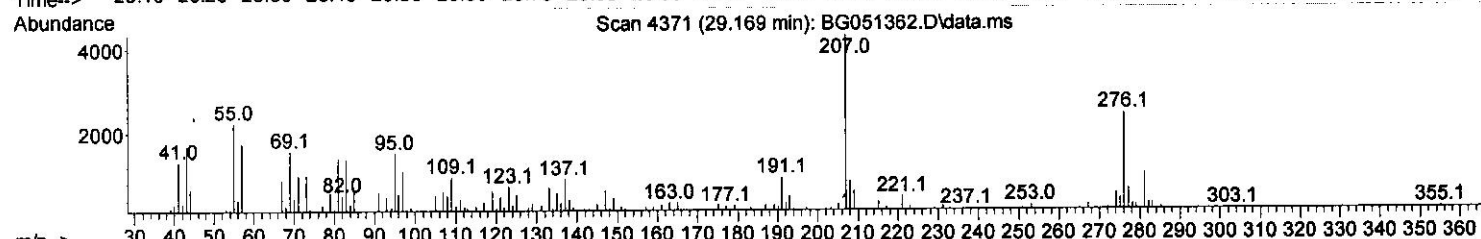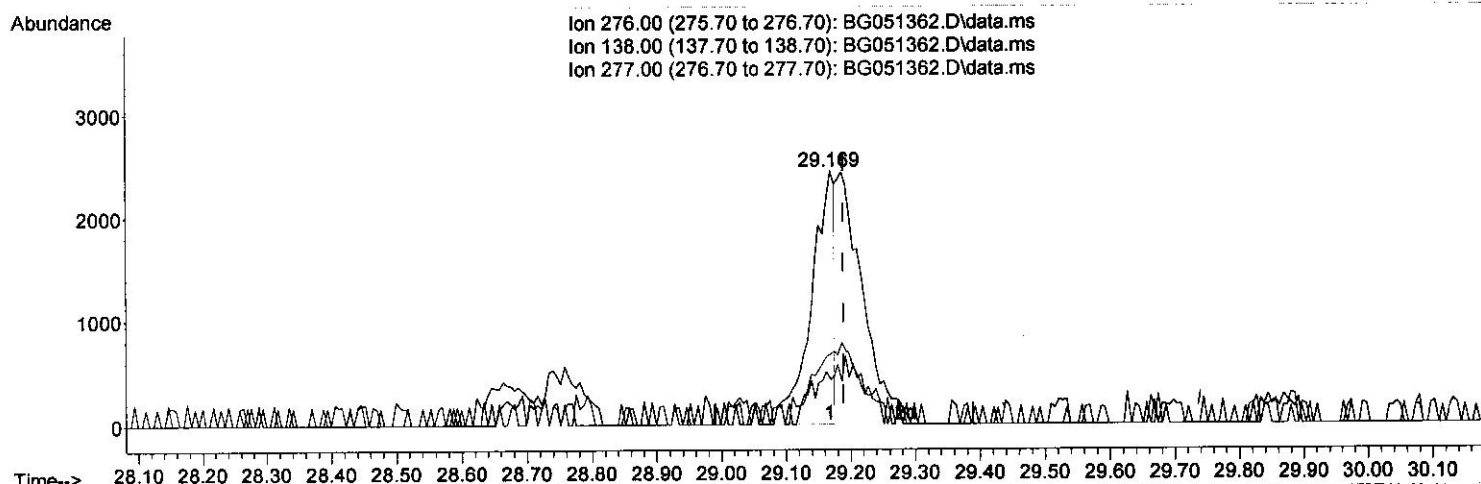SFAM-EPA-BG112321.M Tue Dec 07 01:24:13 2021

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051362.D
Acq On    :  6 Dec 2021  23:13
Operator  : CG/JU
Sample    : M4833-24
Misc      :
ALS Vial  : 19   Sample Multiplier: 1

Quant Time: Dec 07 00:00:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title  : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration
```

Instrument :
BNA_G
ClientSampleId :
ESQP7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/07/2021
Supervised By :mohammad ahmed   12/07/2021

Ion 276.00 (275.70 to 276.70): BG051362.D\data.ms
Ion 138.00 (137.70 to 138.70): BG051362.D\data.ms
Ion 277.00 (276.70 to 277.70): BG051362.D\data.ms

Scan 4371 (29.169 min): BG051362.D\data.ms

Scan 4377 (29.205 min): BG051353.D\data.ms (-4354) (-)

TIC: BG051362.D\data.ms

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

29.169min (-0.022)  0.60 ng/ul

response       5960

  Ion      Exp%     Act%

276.00    100.00   100.00

138.00     19.40    17.45

277.00     25.60    27.56

  0.00      0.00     0.00
```

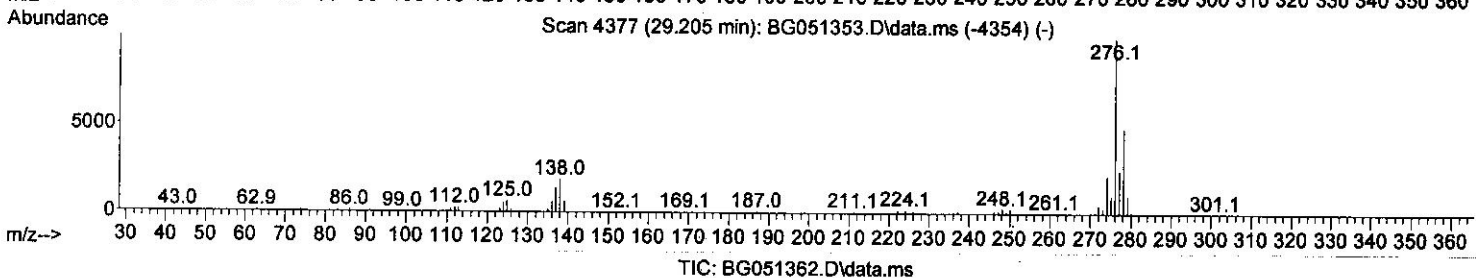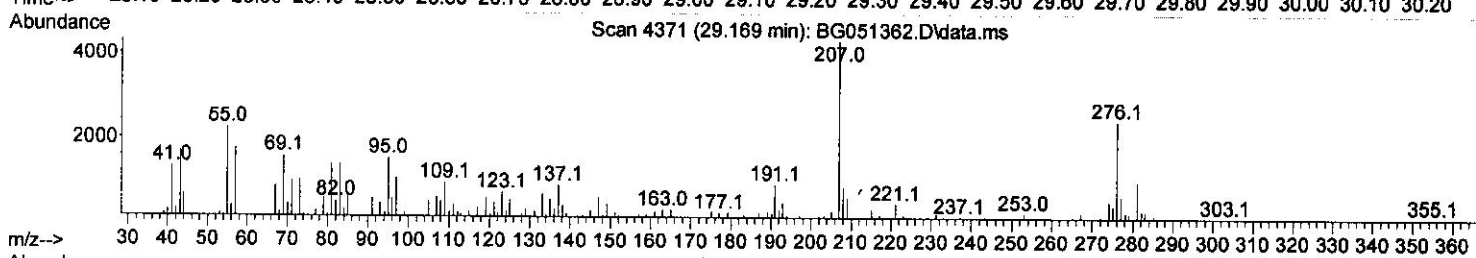SFAM-EPA-BG112321.M Tue Dec 07 01:24:36 2021   Page: 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051362.D
Acq On   : 6 Dec 2021 23:13
Operator : CG/JU
Sample   : M4833-24
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Dec 07 00:00:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ESQP7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/07/2021
Supervised By :mohammad ahmed   12/07/2021

Ion 276.00 (275.70 to 276.70): BG051362.D\data.ms
Ion 138.00 (137.70 to 138.70): BG051362.D\data.ms
Ion 277.00 (276.70 to 277.70): BG051362.D\data.ms

Scan 4371 (29.169 min): BG051362.D\data.ms

Scan 4377 (29.205 min): BG051353.D\data.ms (-4354) (-)

TIC: BG051362.D\data.ms

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

29.169min (-0.022) 1.27 ng/ul m

response   12731

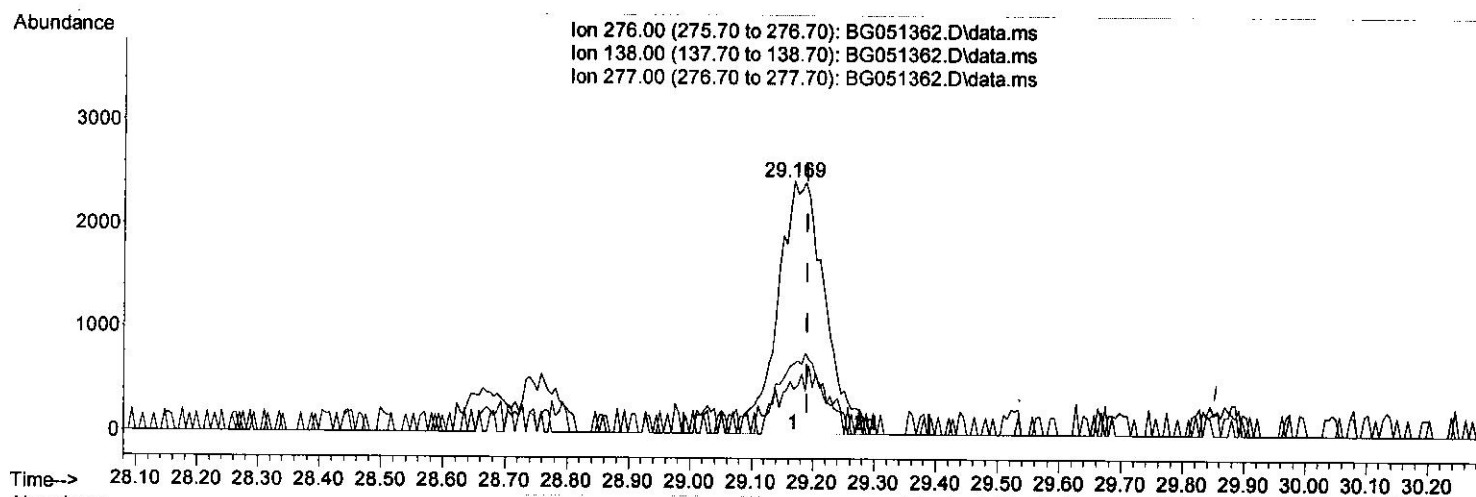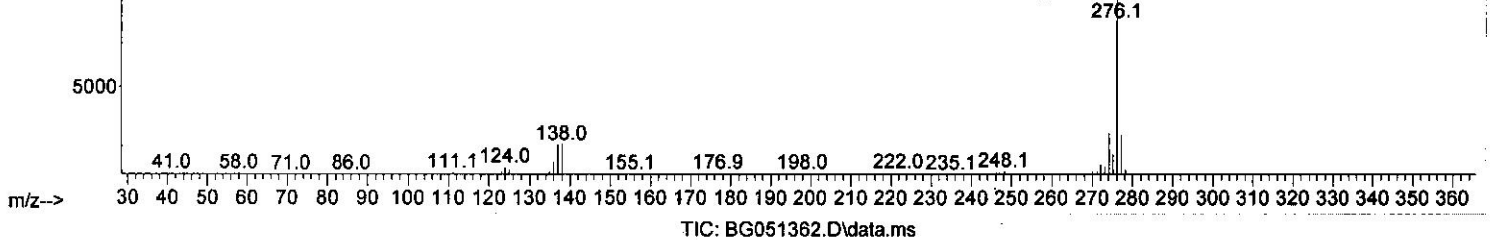| Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	17.45
277.00	25.60	27.56
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051362.D
Acq On   : 6 Dec 2021 23:13
Operator : CG/JU
Sample   : M4833-24
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Dec 07 00:00:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ESQP7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/07/2021
Supervised By :mohammad ahmed   12/07/2021

Ion 276.00 (275.70 to 276.70): BG051362.D\data.ms
Ion 138.00 (137.70 to 138.70): BG051362.D\data.ms
Ion 277.00 (276.70 to 277.70): BG051362.D\data.ms

Scan 4569 (30.332 min): BG051362.D\data.ms

Scan 4583 (30.415 min): BG051353.D\data.ms (-4563) (-)

TIC: BG051362.D\data.ms

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

30.332min (-0.080) 0.02 ng/ul

response   149

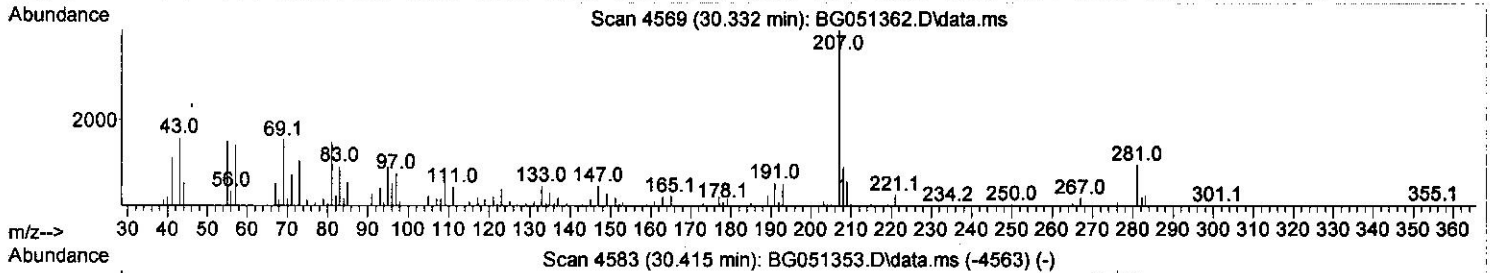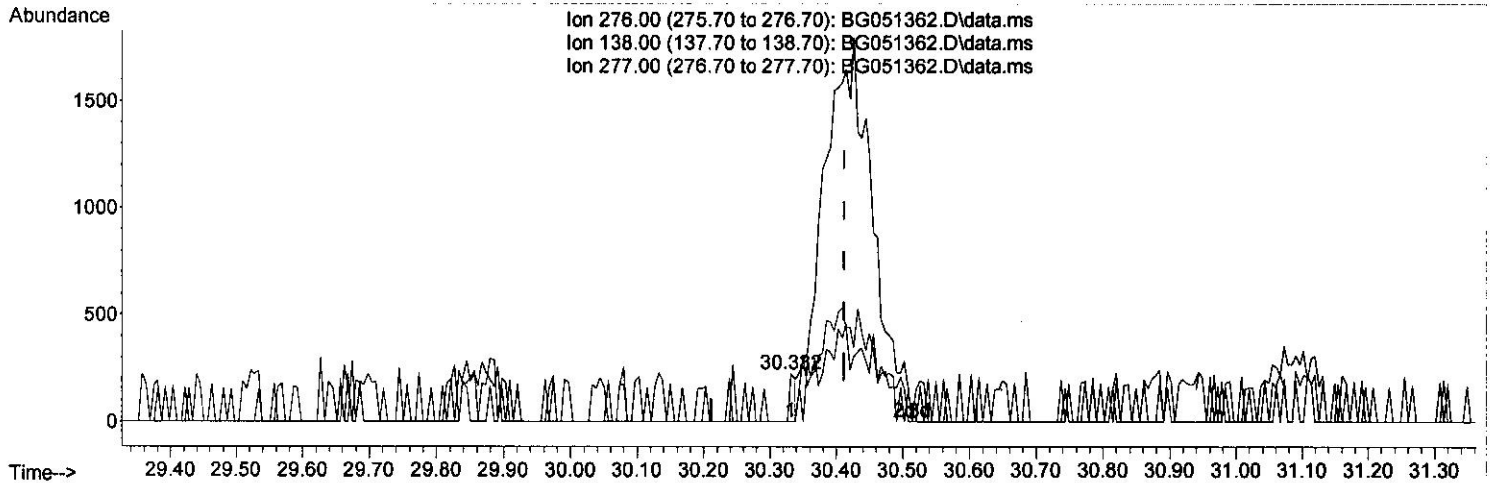| Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	0.00#
277.00	22.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051362.D
Acq On   : 6 Dec 2021 23:13
Operator : CG/JU
Sample   : M4833-24
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Dec 07 00:00:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ESQP7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/07/2021
Supervised By :mohammad ahmed   12/07/2021

Ion 276.00 (275.70 to 276.70): BG051362.D\data.ms
Ion 138.00 (137.70 to 138.70): BG051362.D\data.ms
Ion 277.00 (276.70 to 277.70): BG051362.D\data.ms

Scan 4585 (30.426 min): BG051362.D\data.ms

Scan 4583 (30.415 min): BG051353.D\data.ms (-4563) (-)

TIC: BG051362.D\data.ms

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

30.426min (+ 0.014)   1.10 ng/ul m

response   9258

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	16.81
277.00	22.00	19.09
0.00	0.00	0.00

SFAM-EPA-BG112321.M Tue Dec 07 01:25:20 2021

Page: 1

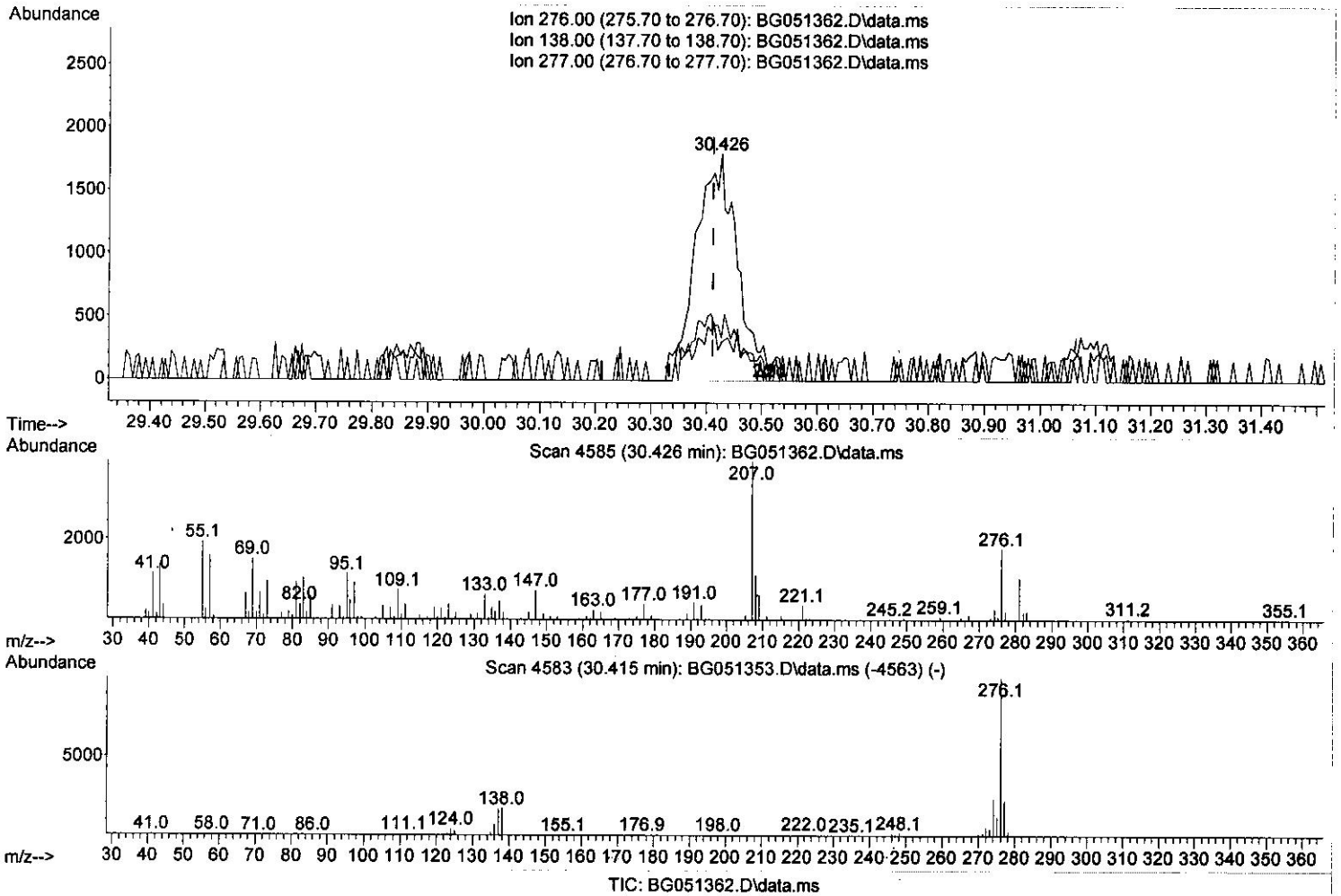# Quantitation Report   (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051362.D
Acq On   : 6 Dec 2021 23:13
Operator : CG/JU
Sample   : M4833-24
Misc   :
ALS Vial : 19   Sample Multiplier: 1

Quant Time: Dec 07 00:00:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.187	152	23501	20.000 ng/ul	-0.02
20) Naphthalene-d8	11.013	136	103351	20.000 ng/ul	-0.02
38) Acenaphthene-d10	14.821	164	73607	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.570	188	167397	20.000 ng/ul	0.00
79) Chrysene-d12	21.871	240	141885	20.000 ng/ul	0.00
88) Perylene-d12	25.273	264	138660	20.000 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.528	96	2461	3.639 ng/uL	-0.02
4) Pyridine-d5	3.969	84	9627	4.851 ng/ul	0.00
7) Phenol-d5	7.353	99	57674	24.831 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.500	67	35382	24.255 ng/ul	-0.02
11) 2-Chlorophenol-d4	7.717	132	42143	25.197 ng/ul	-0.02
15) 4-Methylphenol-d8	8.904	113	42555	22.704 ng/ul	0.00
21) Nitrobenzene-d5	9.368	128	22639	25.949 ng/ul	0.00
24) 2-Nitrophenol-d4	10.091	143	26296	26.720 ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.643	165	45485	27.240 ng/ul	0.00
31) 4-Chloroaniline-d4	11.160	131	25076	10.264 ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	156149	27.570 ng/ul	0.00
49) Acenaphthylene-d8	14.521	160	198487	27.792 ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	20014	21.831 ng/ul	0.00
60) Fluorene-d10	15.814	176	142634	27.967 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	16899	16.360 ng/ul	0.00
73) Anthracene-d10	17.670	188	223331	27.895 ng/ul	0.00
81) Pyrene-d10	19.950	212	251751	29.324 ng/ul	0.00
92) Benzo(a)pyrene-d12	25.038	264	210332	28.402 ng/ul	0.00

Compound	R.T.	QIon	Response	Conc Units	Qvalue
Target Compounds					
80) Fluoranthene	19.615	202	29479	2.796 ng/ul	97
82) Pyrene	19.979	202	25327	2.455 ng/ul	98
85) Benzo(a)anthracene	21.854	228	12659	1.315 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.707	149	12591	2.040 ng/ul#	98
87) Chrysene	21.918	228	15117	1.635 ng/ul	98
90) Benzo(b)fluoranthene	24.180	252	21020m	2.246 ng/ul	
91) Benzo(k)fluoranthene	24.245	252	9461m	1.077 ng/ul	
93) Benzo(a)pyrene	25.103	252	14080	1.577 ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	29.169	276	12731m	1.274 ng/ul	
96) Benzo(g,h,i)perylene	30.426	276	9258m	1.101 ng/ul	

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

JU
12/7/21

SFAM-EPA-BG112321.M Tue Dec 07 01:25:42 2021