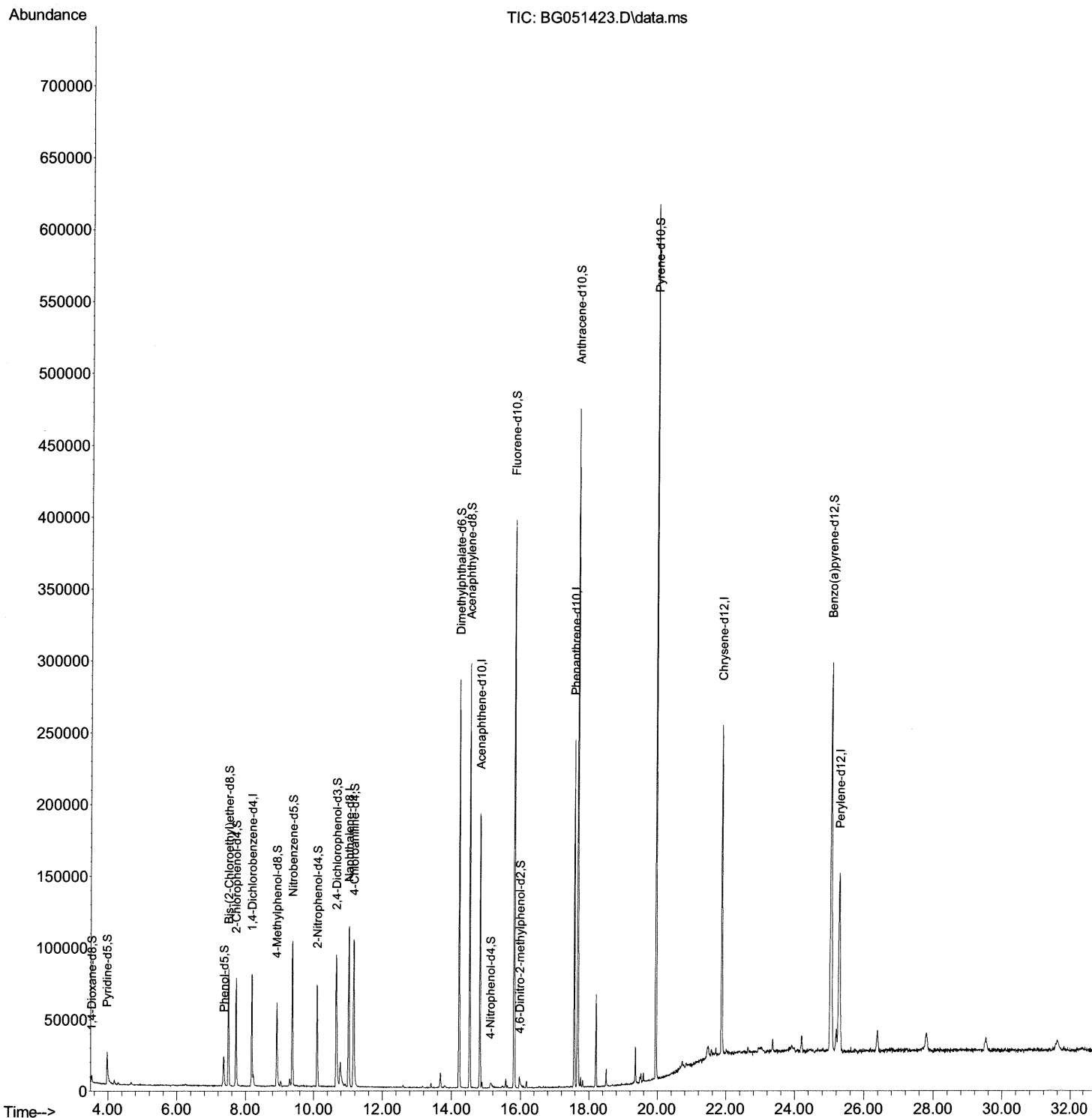Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120821\
Data File : BG051423.D
Acq On   : 9 Dec 2021   1:52
Operator : CG/JU
Sample   : M4960-07
Misc   :
ALS Vial : 15   Sample Multiplier: 1

Quant Time: Dec 09 07:33:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGKR7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/09/2021
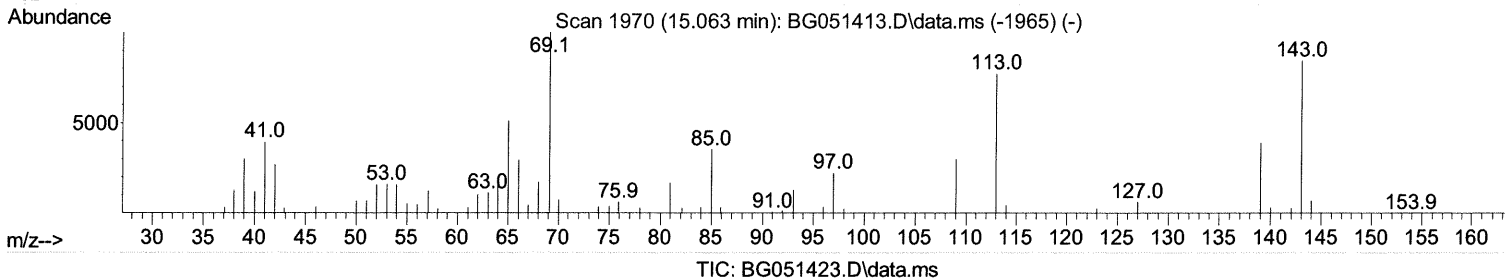Supervised By :Yogesh Patel   12/16/2021

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120821\
Data File : BG051423.D
Acq On   : 9 Dec 2021   1:52
Operator : CG/JU
Sample   : M4960-07
Misc   :
ALS Vial : 15   Sample Multiplier: 1

Quant Time: Dec 09 07:33:28 2021
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/09/2021
Supervised By :Yogesh Patel   12/16/2021

(54)   4-Nitrophenol-d4 (S)

15.124min (+ 0.061)   0.84 ng/ul

response   652

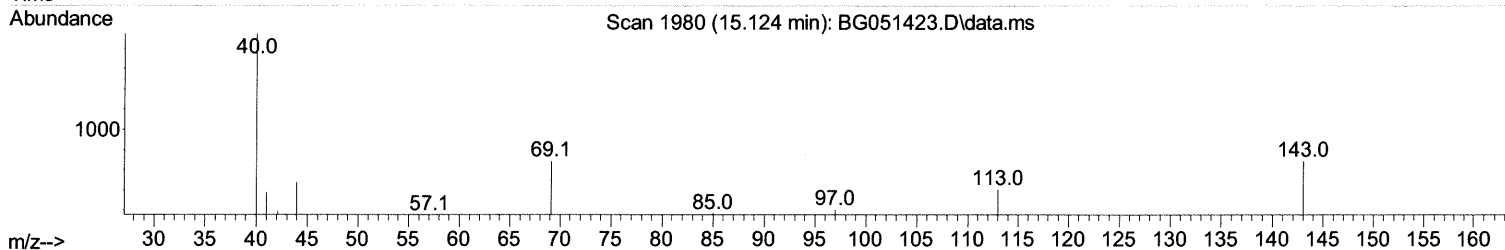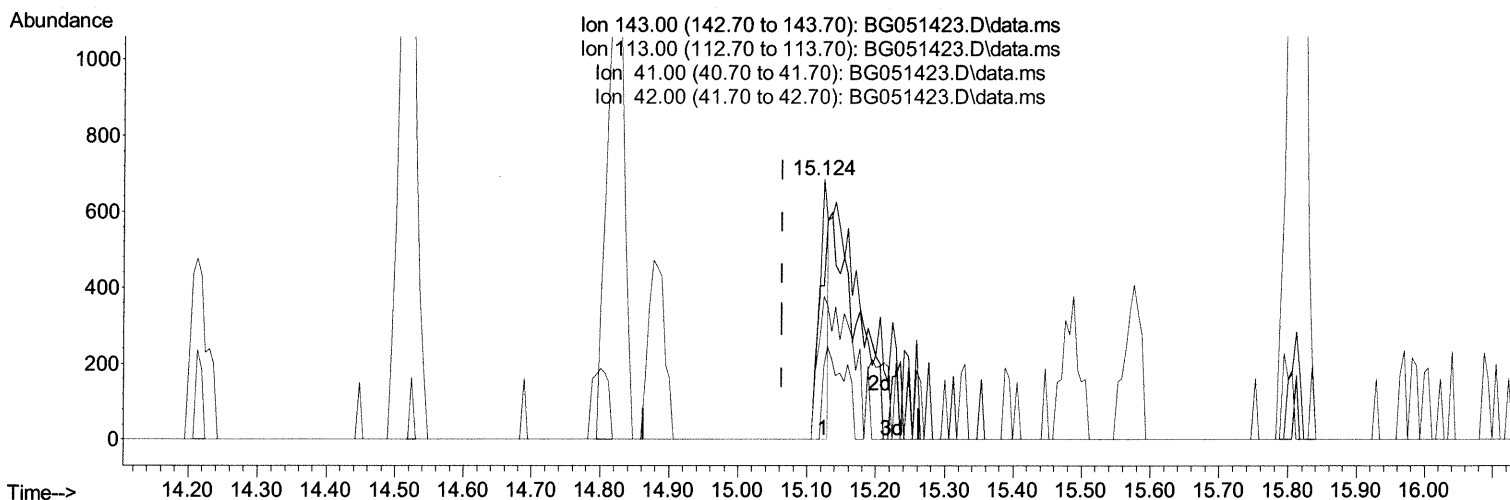| Ion	Exp%	Act%
143.00	100.00	100.00
113.00	80.30	58.98#
41.00	44.40	55.04#
42.00	29.70	28.18

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120821\
Data File : BG051423.D
Acq On   : 9 Dec 2021   1:52
Operator : CG/JU
Sample   : M4960-07
Misc   :
ALS Vial : 15   Sample Multiplier: 1

Quant Time: Dec 09 07:33:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGKR7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/09/2021
Supervised By :Yogesh Patel   12/16/2021

Ion 143.00 (142.70 to 143.70): BG051423.D\data.ms
Ion 113.00 (112.70 to 113.70): BG051423.D\data.ms
Ion 41.00 (40.70 to 41.70): BG051423.D\data.ms
Ion 42.00 (41.70 to 42.70): BG051423.D\data.ms

Scan 1980 (15.124 min): BG051423.D\data.ms

Scan 1970 (15.063 min): BG051413.D\data.ms (-1965) (-)

TIC: BG051423.D\data.ms

(54)   4-Nitrophenol-d4 (S)

15.124min (+ 0.061)   2.98 ng/ul m

response   2315

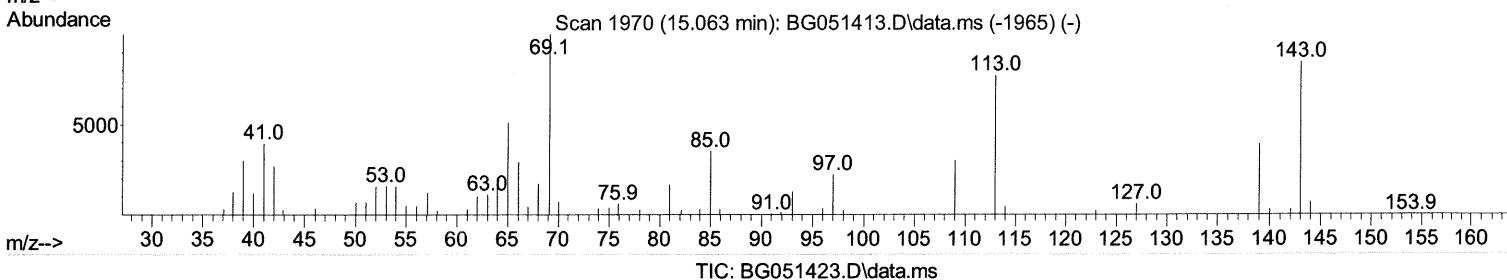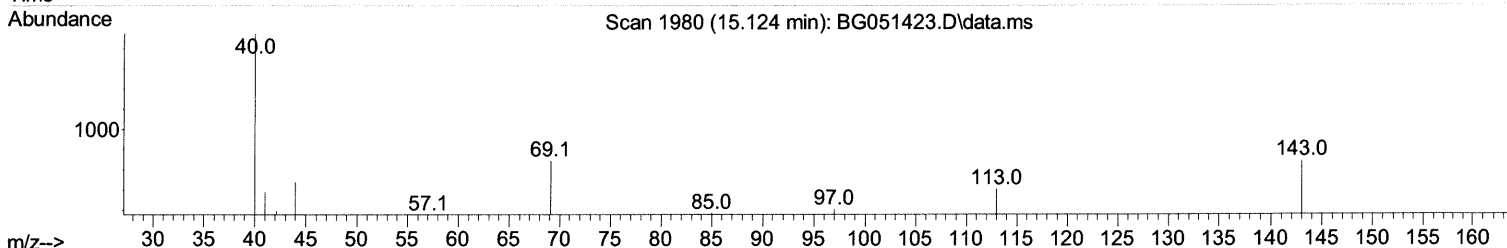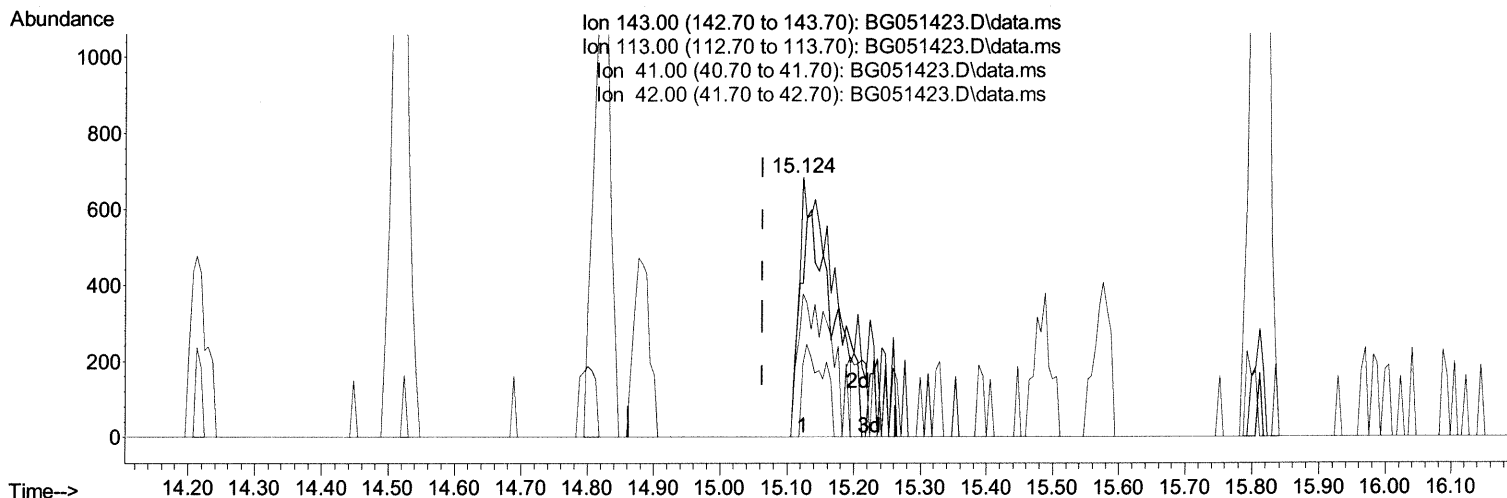| Ion	Exp%	Act%
143.00	100.00	100.00
113.00	80.30	58.98#
41.00	44.40	55.04#
42.00	29.70	28.18

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120821\
Data File : BG051423.D
Acq On   : 9 Dec 2021   1:52
Operator : CG/JU
Sample   : M4960-07
Misc   :
ALS Vial : 15   Sample Multiplier: 1

Quant Time: Dec 09 07:33:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGKR7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/09/2021
Supervised By :Yogesh Patel   12/16/2021

Ion 200.00 (199.70 to 200.70): BG051423.D\data.ms
Ion 170.00 (169.70 to 170.70): BG051423.D\data.ms
Ion 52.00 (51.70 to 52.70): BG051423.D\data.ms

Scan 2125 (15.975 min): BG051423.D\data.ms

Scan 2121 (15.950 min): BG051413.D\data.ms (-2116) (-)

TIC: BG051423.D\data.ms

(65)   4,6-Dinitro-2-methylphenol-d2 (S)

15.975min (+ 0.025)   3.40 ng/ul

response   3089

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.80	20.71
52.00	47.40	32.95#
0.00	0.00	0.00

SFAM-EPA-BG120821.M Thu Dec 09 09:36:05 2021
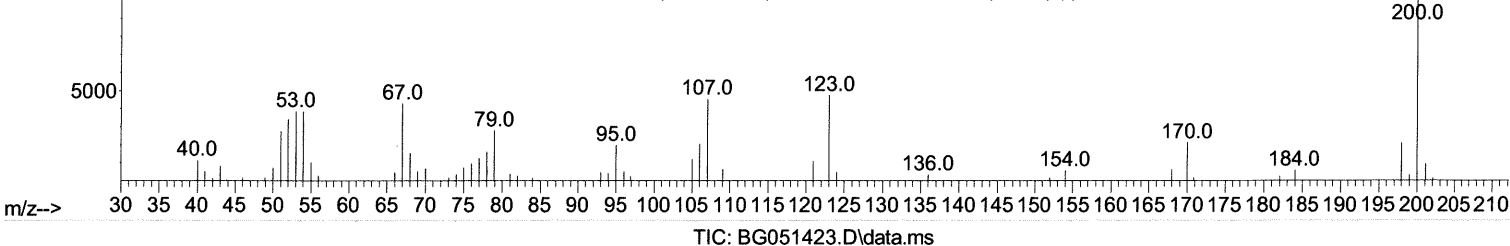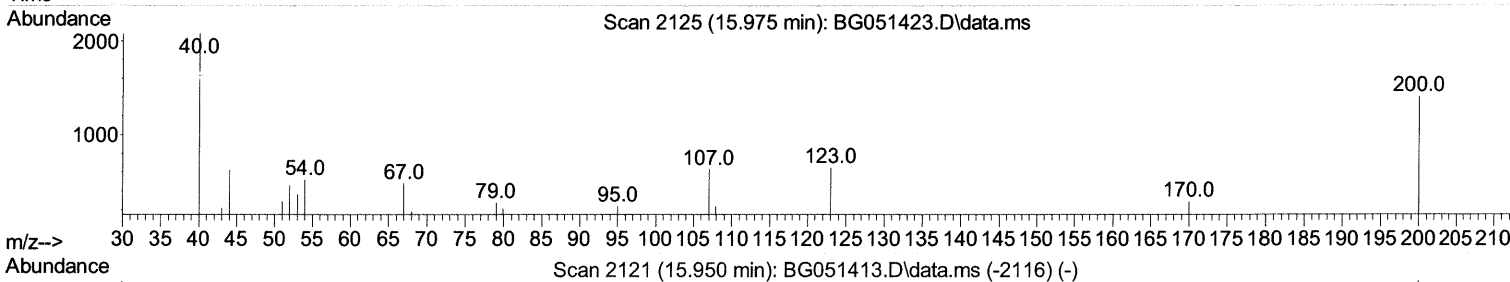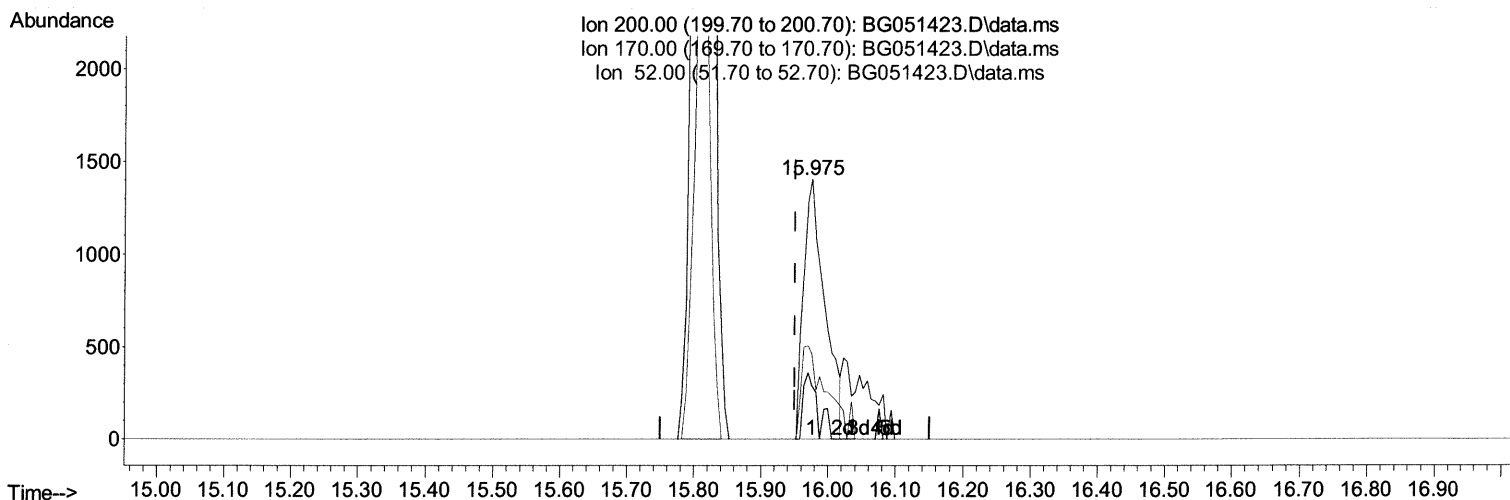
Page: 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120821\
Data File : BG051423.D
Acq On   : 9 Dec 2021   1:52
Operator : CG/JU
Sample   : M4960-07
Misc   :
ALS Vial : 15   Sample Multiplier: 1

Quant Time: Dec 09 07:33:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGKR7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/09/2021
Supervised By :Yogesh Patel   12/16/2021

Abundance

Ion 200.00 (199.70 to 200.70): BG051423.D\data.ms
Ion 170.00 (169.70 to 170.70): BG051423.D\data.ms
Ion 52.00 (51.70 to 52.70): BG051423.D\data.ms

15.975

Time-->   15.00 15.10 15.20 15.30 15.40 15.50 15.60 15.70 15.80 15.90 16.00 16.10 16.20 16.30 16.40 16.50 16.60 16.70 16.80 16.90

Abundance   Scan 2125 (15.975 min): BG051423.D\data.ms

40.0
54.0   67.0   79.0   95.0   107.0   123.0   170.0   200.0

m/z-->   30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210

Abundance   Scan 2121 (15.950 min): BG051413.D\data.ms (-2116) (-)

200.0
53.0   67.0   79.0   95.0   107.0   123.0   136.0   154.0   170.0   184.0
40.0

m/z-->   30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210

TIC: BG051423.D\data.ms

(65)   4,6-Dinitro-2-methylphenol-d2 (S)

15.975min (+ 0.025)   3.82 ng/ul m 12/11/21 JU

response   3474

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.80	20.71
52.00	47.40	32.95#
0.00	0.00	0.00

SFAM-EPA-BG120821.M Thu Dec 09 09:36:15 2021   Page: 1
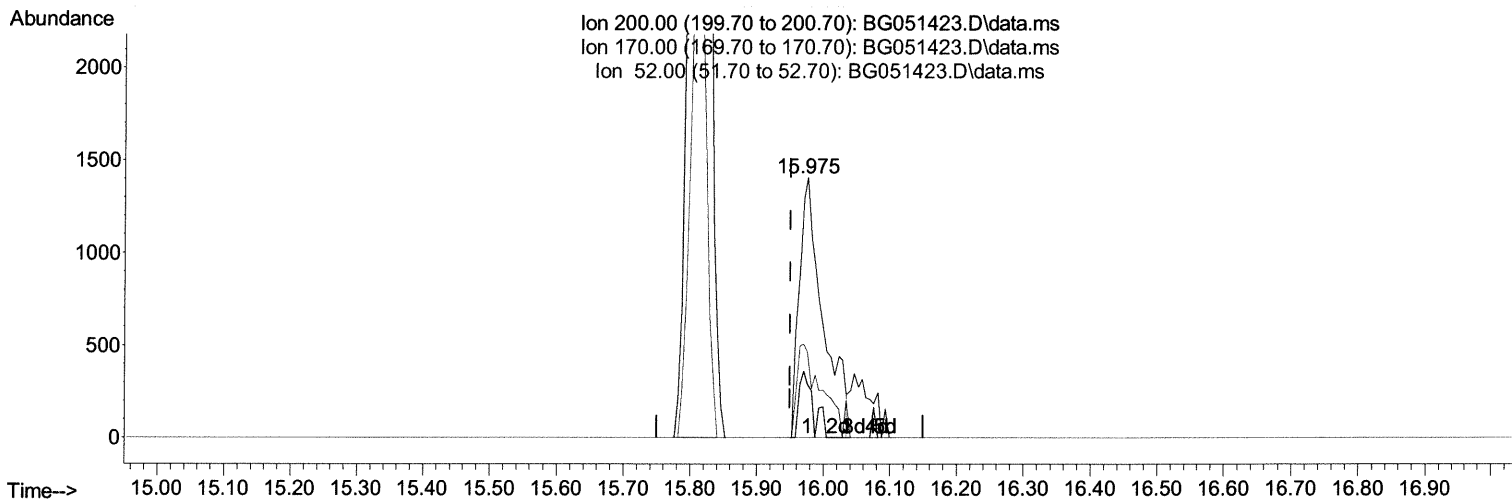
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120821\
Data File : BG051423.D
Acq On    :  9 Dec 2021   1:52
Operator  : CG/JU
Sample    : M4960-07
Misc      :
ALS Vial  : 15    Sample Multiplier: 1

Quant Time: Dec 09 07:33:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title  : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration
```

Instrument :
BNA_G
ClientSampleId :
BGKR7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/09/2021
Supervised By :Yogesh Patel   12/16/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.191	152	22603	20.000	ng/ul	0.00
20) Naphthalene-d8	11.017	136	97342	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.818	164	66710	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.574	188	152914	20.000	ng/ul	0.00
79) Chrysene-d12	21.874	240	145619	20.000	ng/ul	0.00
88) Perylene-d12	25.276	264	139718	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	2959	4.299	ng/uL	0.00
4) Pyridine-d5	3.972	84	17315	8.760	ng/ul	0.00
7) Phenol-d5	7.368	99	14688	6.383	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.503	67	43627	29.565	ng/ul	0.00
11) 2-Chlorophenol-d4	7.726	132	38153	23.305	ng/ul	0.00
15) 4-Methylphenol-d8	8.913	113	26731	14.788	ng/ul	0.00
21) Nitrobenzene-d5	9.371	128	26633	31.540	ng/ul	0.00
24) 2-Nitrophenol-d4	10.100	143	22920	23.987	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.652	165	42201	27.148	ng/ul	0.00
31) 4-Chloroaniline-d4	11.158	131	64569	28.399	ng/ul	0.00
46) Dimethylphthalate-d6	14.213	166	188140	36.448	ng/ul	0.00
49) Acenaphthylene-d8	14.518	160	216618	33.134	ng/ul	0.00
54) 4-Nitrophenol-d4	15.124	143	2315m >	2.979	ng/ul>	0.06
60) Fluorene-d10	15.811	176	162115	35.280	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.975	200	3474m >	3.823	ng/ul >	0.03
73) Anthracene-d10	17.674	188	286520	40.046	ng/ul	0.00
81) Pyrene-d10	19.953	212	336345	38.428	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.041	264	288269	40.001	ng/ul	0.00

handwritten: 12/16/21 JU (next to row 54)
handwritten: 12/16/21 JU (next to row 65)

```
Target Compounds                                    Qvalue
--------------------------------------------------------------------------
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(#) = qualifier out of range (m) = manual integration (+) = signals summed