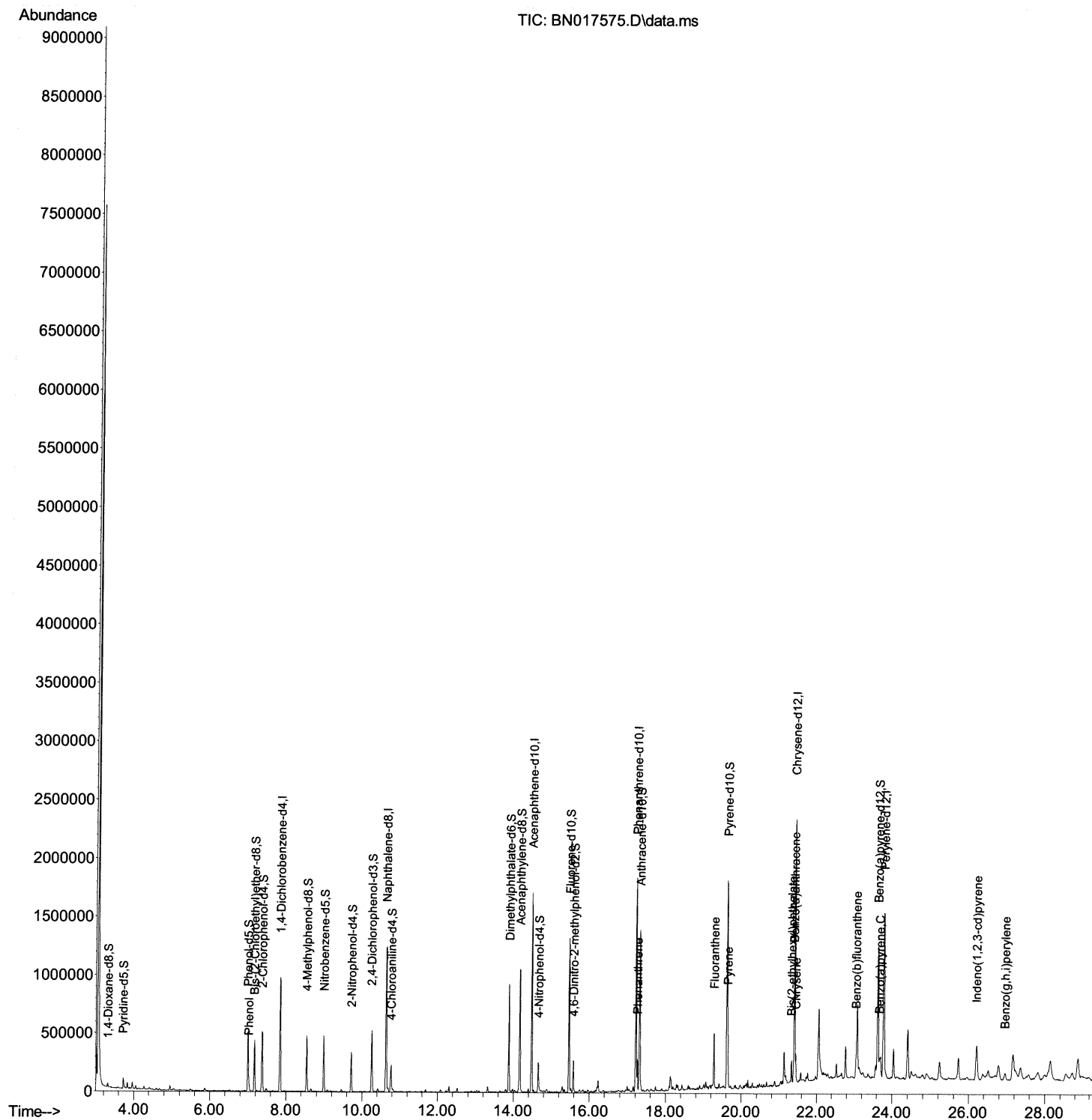Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112421\
Data File : BN017575.D
Acq On   : 23 Nov 2021 20:21
Operator : CG/JU
Sample   : M4702-10
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Quant Time: Nov 24 00:59:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 16:16:36 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBLP5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   11/24/2021
Supervised By :mohammad ahmed   11/26/2021

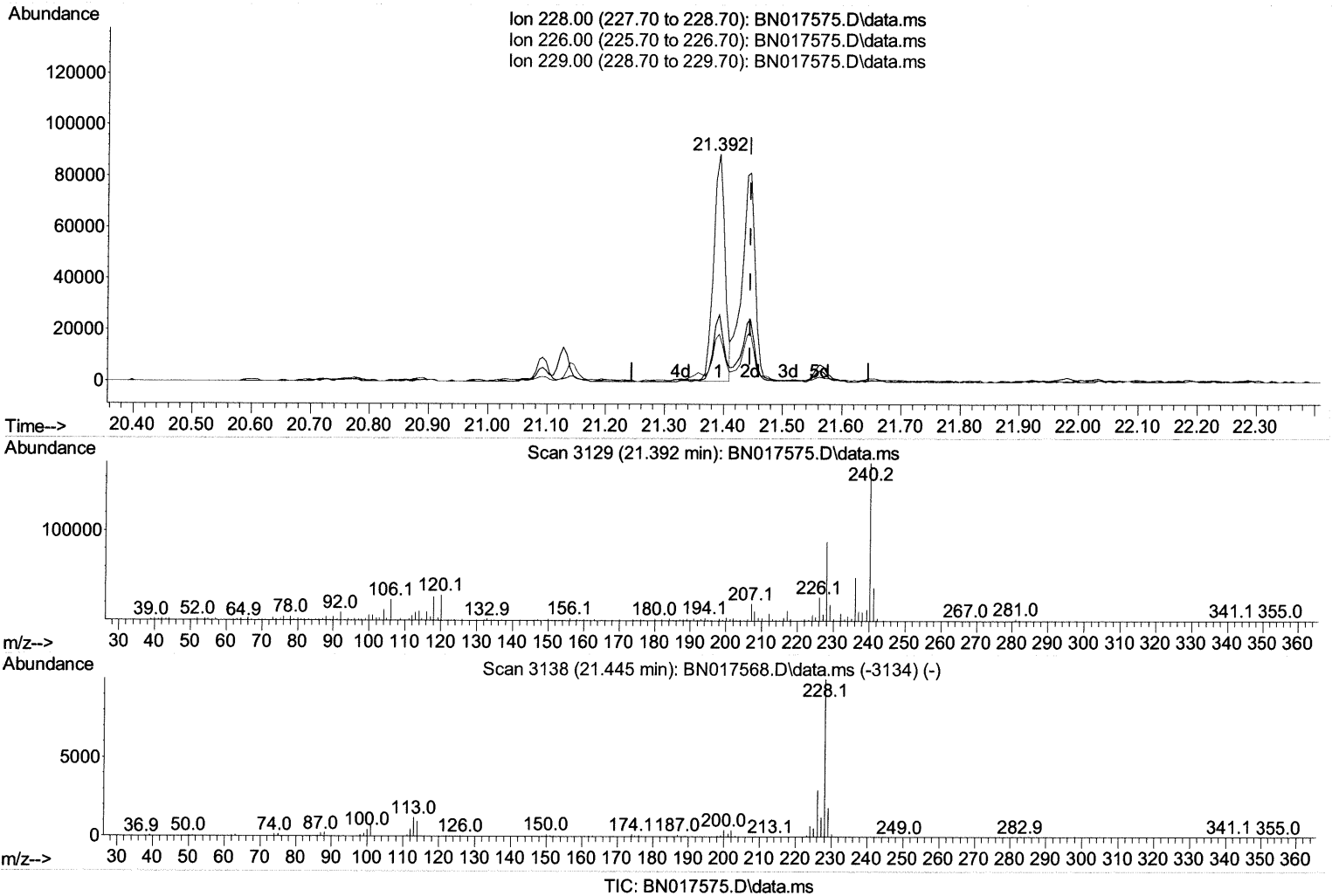SFAM-EPA-BN112221.M Wed Nov 24 01:26:53 2021

Page: 2

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112421\
Data File : BN017575.D
Acq On   : 23 Nov 2021 20:21
Operator : CG/JU
Sample   : M4702-10
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Quant Time: Nov 24 00:59:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 16:16:36 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBLP5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   11/24/2021
Supervised By :mohammad ahmed   11/26/2021

Ion 228.00 (227.70 to 228.70): BN017575.D\data.ms
Ion 226.00 (225.70 to 226.70): BN017575.D\data.ms
Ion 229.00 (228.70 to 229.70): BN017575.D\data.ms

Scan 3129 (21.392 min): BN017575.D\data.ms

Scan 3138 (21.445 min): BN017568.D\data.ms (-3134) (-)

TIC: BN017575.D\data.ms

(87) Chrysene

21.392min (-0.053) 1.88 ng/ul

response   119550

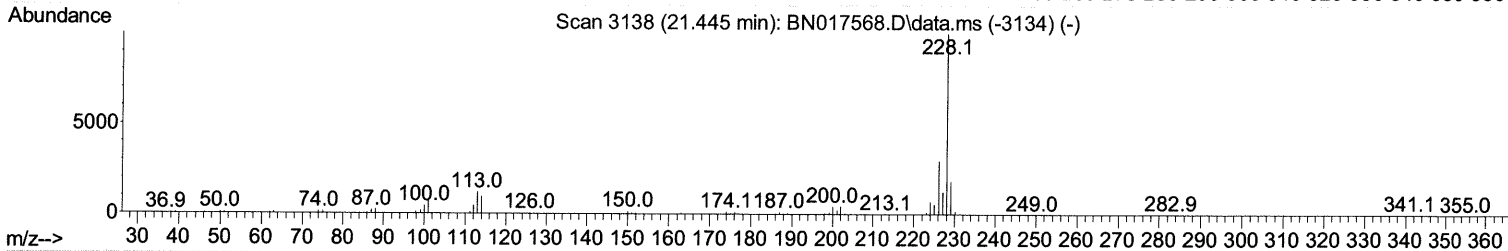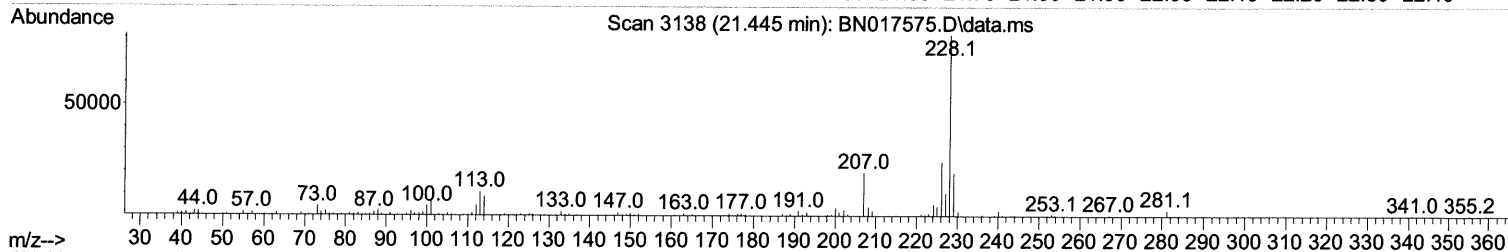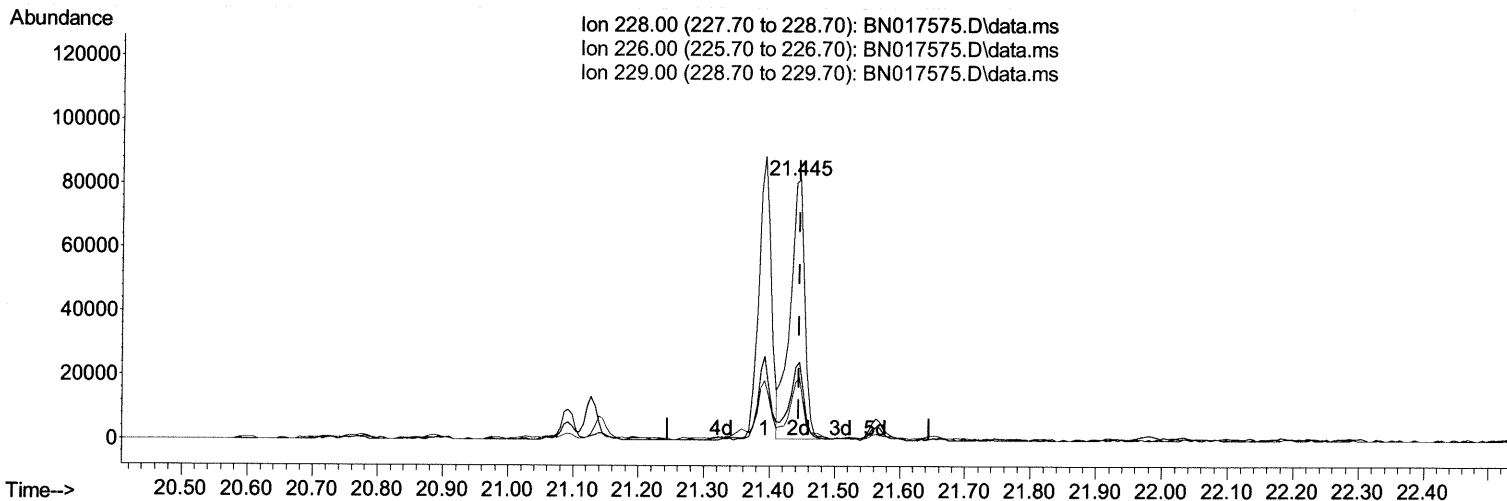| Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	29.63
229.00	19.50	20.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112421\
Data File : BN017575.D
Acq On   : 23 Nov 2021 20:21
Operator : CG/JU
Sample   : M4702-10
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Quant Time: Nov 24 00:59:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 16:16:36 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBLP5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   11/24/2021
Supervised By :mohammad ahmed   11/26/2021

Ion 228.00 (227.70 to 228.70): BN017575.D\data.ms
Ion 226.00 (225.70 to 226.70): BN017575.D\data.ms
Ion 229.00 (228.70 to 229.70): BN017575.D\data.ms

Scan 3138 (21.445 min): BN017575.D\data.ms

Scan 3138 (21.445 min): BN017568.D\data.ms (-3134) (-)

TIC: BN017575.D\data.ms

(87) Chrysene

21.445min (+ 0.000)   2.02 ng/ul m 11/30/21 JU

response   128365

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	29.96
229.00	19.50	23.91#
0.00	0.00	0.00

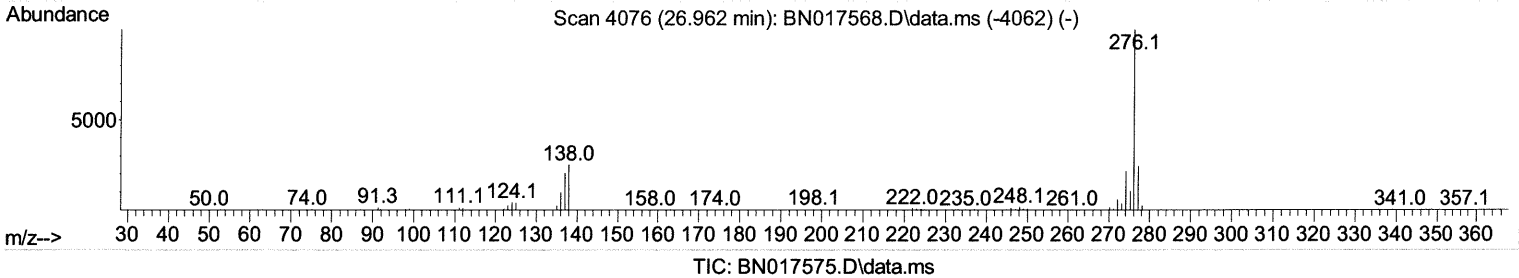SFAM-EPA-BN112221.M Wed Nov 24 01:25:57 2021

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112421\
Data File : BN017575.D
Acq On   : 23 Nov 2021 20:21
Operator : CG/JU
Sample   : M4702-10
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Quant Time: Nov 24 00:59:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 16:16:36 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBLP5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   11/24/2021
Supervised By :mohammad ahmed   11/26/2021

Ion 276.00 (275.70 to 276.70): BN017575.D\data.ms
Ion 138.00 (137.70 to 138.70): BN017575.D\data.ms
Ion 277.00 (276.70 to 277.70): BN017575.D\data.ms

Scan 4074 (26.951 min): BN017575.D\data.ms

Scan 4076 (26.962 min): BN017568.D\data.ms (-4062) (-)

TIC: BN017575.D\data.ms

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

26.951min (-0.017)   1.19 ng/ul

response   68180

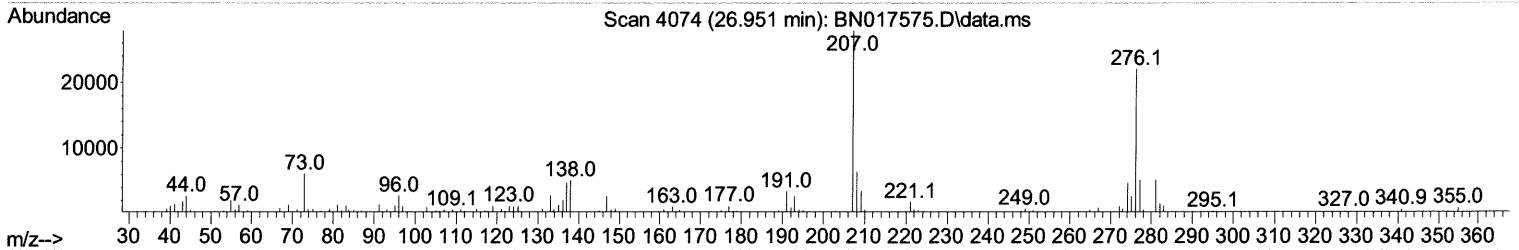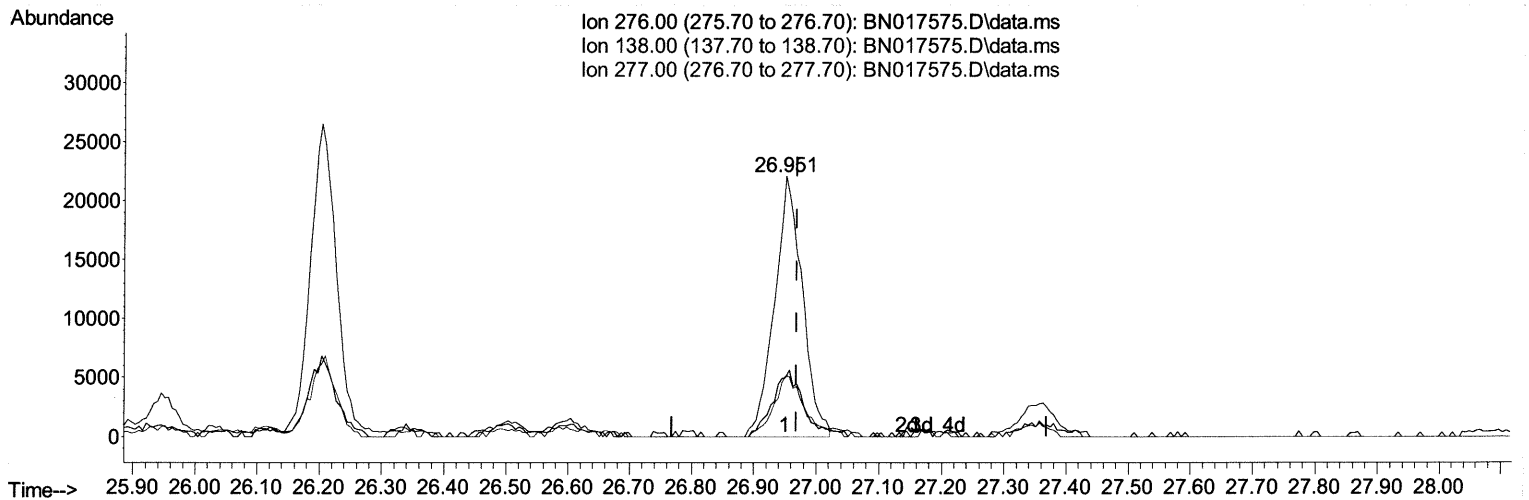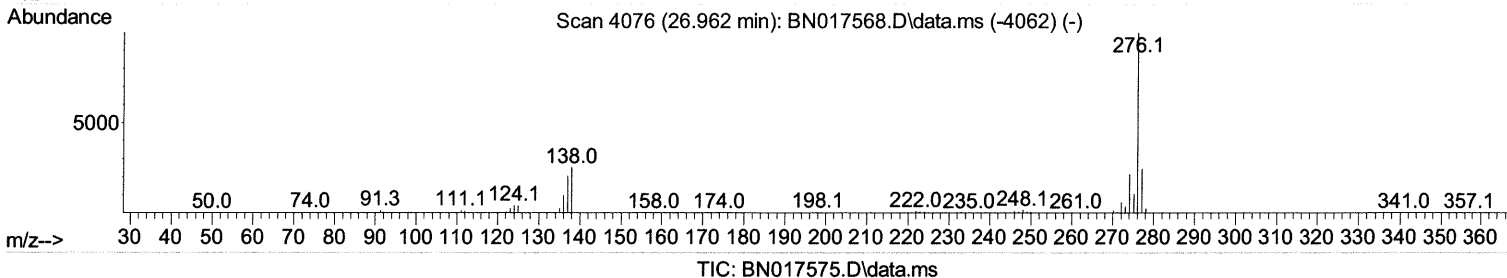| Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.80	22.82
277.00	21.70	23.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112421\
Data File : BN017575.D
Acq On   : 23 Nov 2021 20:21
Operator : CG/JU
Sample   : M4702-10
Misc   :
ALS Vial : 16   Sample Multiplier: 1

Quant Time: Nov 24 00:59:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 16:16:36 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBLP5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   11/24/2021
Supervised By :mohammad ahmed   11/26/2021

Abundance

Ion 276.00 (275.70 to 276.70): BN017575.D\data.ms
Ion 138.00 (137.70 to 138.70): BN017575.D\data.ms
Ion 277.00 (276.70 to 277.70): BN017575.D\data.ms

26.951

Time--> 25.90 26.00 26.10 26.20 26.30 26.40 26.50 26.60 26.70 26.80 26.90 27.00 27.10 27.20 27.30 27.40 27.50 27.60 27.70 27.80 27.90 28.00

Abundance   Scan 4074 (26.951 min): BN017575.D\data.ms
207.0
276.1
44.0 57.0 73.0 96.0 109.1 123.0 138.0 163.0 177.0 191.0 221.1 249.0 295.1 327.0 340.9 355.0

m/z--> 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360

Abundance   Scan 4076 (26.962 min): BN017568.D\data.ms (-4062) (-)
276.1
138.0
50.0 74.0 91.3 111.1 124.1 158.0 174.0 198.1 222.0 235.0 248.1 261.0 341.0 357.1

m/z--> 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360

TIC: BN017575.D\data.ms

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

26.951min (-0.017) 1.21 ng/ul m   11/30/21 JU

response   69592

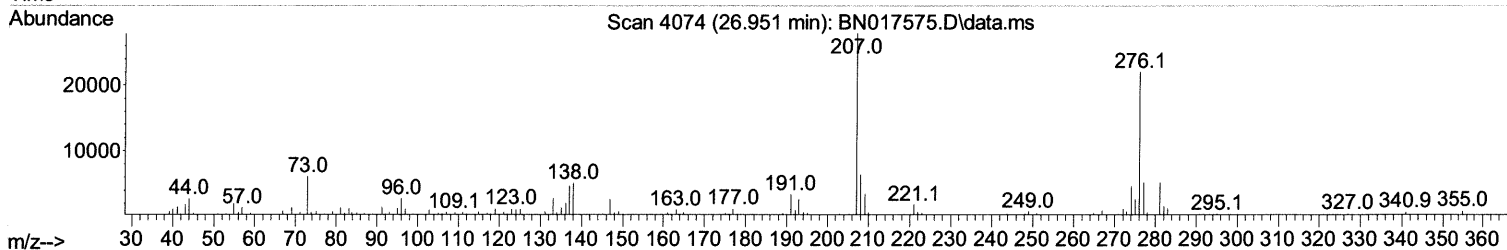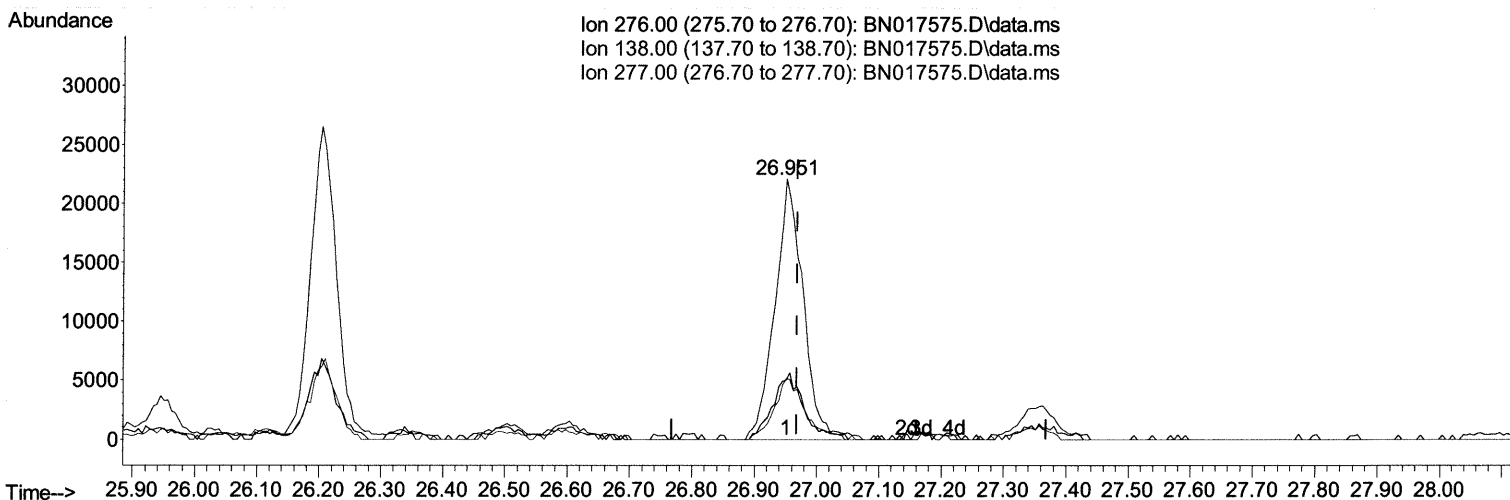| Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.80	22.82
277.00	21.70	23.26
0.00	0.00	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112421\
Data File : BN017575.D
Acq On    : 23 Nov 2021  20:21
Operator  : CG/JU
Sample    : M4702-10
Misc      :
ALS Vial  : 16   Sample Multiplier: 1

Quant Time: Nov 24 00:59:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title  : SVOA CALIBRATION
QLast Update : Mon Nov 22 16:16:36 2021
Response via : Initial Calibration
```

Instrument :
BNA_N
ClientSampleId :
DBLP5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   11/24/2021
Supervised By :mohammad ahmed   11/26/2021

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.840	152	257530	20.000 ng/ul	0.00
20) Naphthalene-d8	10.640	136	1020592	20.000 ng/ul	0.00
38) Acenaphthene-d10	14.475	164	560543	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.222	188	1064183	20.000 ng/ul	0.00
79) Chrysene-d12	21.404	240	977906	20.000 ng/ul	0.00
88) Perylene-d12	23.774	264	985204	20.000 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.311	96	17228	2.391 ng/uL	0.00
4) Pyridine-d5	3.716	84	44368	2.346 ng/ul	0.00
7) Phenol-d5	7.005	99	283791	12.105 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	195928	13.336 ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	229997	12.956 ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	175036	9.492 ng/ul	-0.01
21) Nitrobenzene-d5	8.993	128	105052	13.587 ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	100542	13.143 ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	189937	12.612 ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	135602	6.270 ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	595306	14.607 ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	745814	14.253 ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	63182	9.161 ng/ul	0.00
60) Fluorene-d10	15.469	176	514330	14.962 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	53272	9.638 ng/ul	0.00
73) Anthracene-d10	17.316	188	746980	15.102 ng/ul	0.00
81) Pyrene-d10	19.610	212	896237	14.437 ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264	783803	15.133 ng/ul	-0.01

Compound	R.T.	QIon	Response	Conc Units	Qvalue
Target Compounds					
8) Phenol	7.028	94	33032	1.391 ng/ul	94
72) Phenanthrene	17.257	178	157135	2.706 ng/ul	99
80) Fluoranthene	19.280	202	268436	3.595 ng/ul	98
82) Pyrene	19.639	202	263290	3.522 ng/ul	99
85) Benzo(a)anthracene	21.392	228	118190	1.825 ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.333	149	61549	1.558 ng/ul	97
87) Chrysene	21.445	228	128365m >	2.017 ng/ul >	11/30/21JU
90) Benzo(b)fluoranthene	23.051	252	158085	2.321 ng/ul	97
93) Benzo(a)pyrene	23.662	252	106418	1.645 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.203	276	77490	1.154 ng/ul	98
96) Benzo(g,h,i)perylene	26.951	276	69592m >	1.212 ng/ul >	11/30/21JU

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