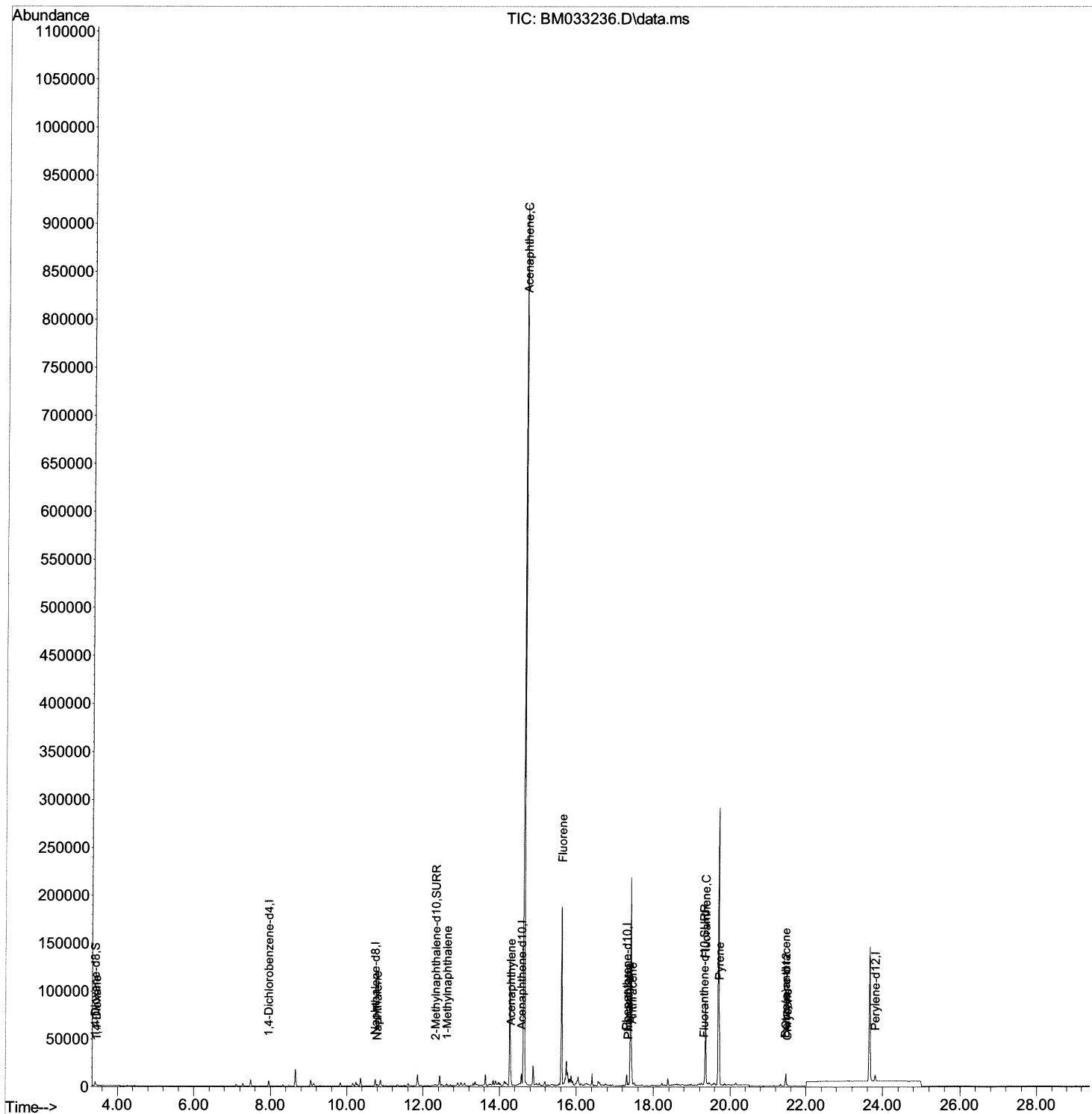Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
Data File : BM033236.D
Acq On   : 23 Nov 2021 14:27
Operator : CG/JU
Sample   : M4725-04DL 5X
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Quant Time: Nov 23 16:14:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F4L07DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   11/23/2021
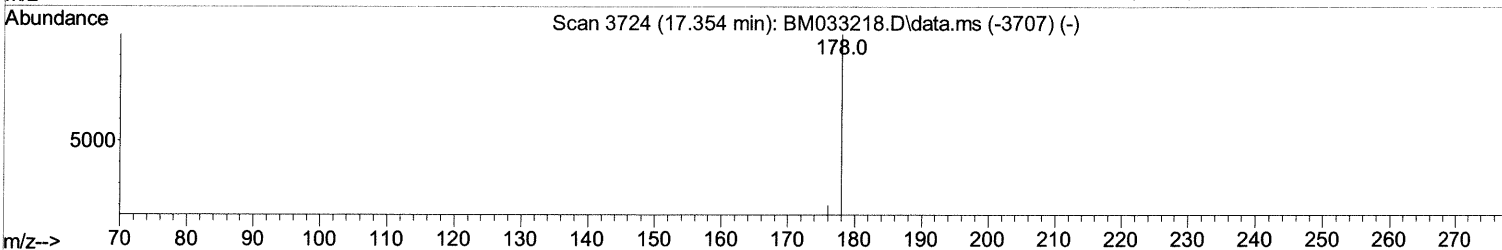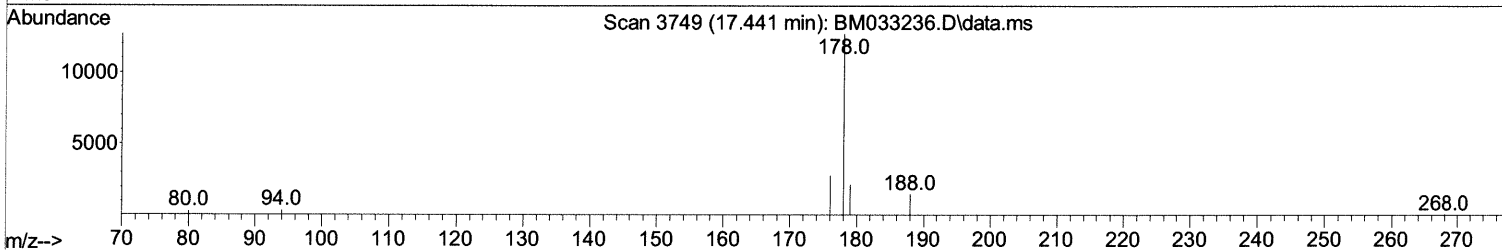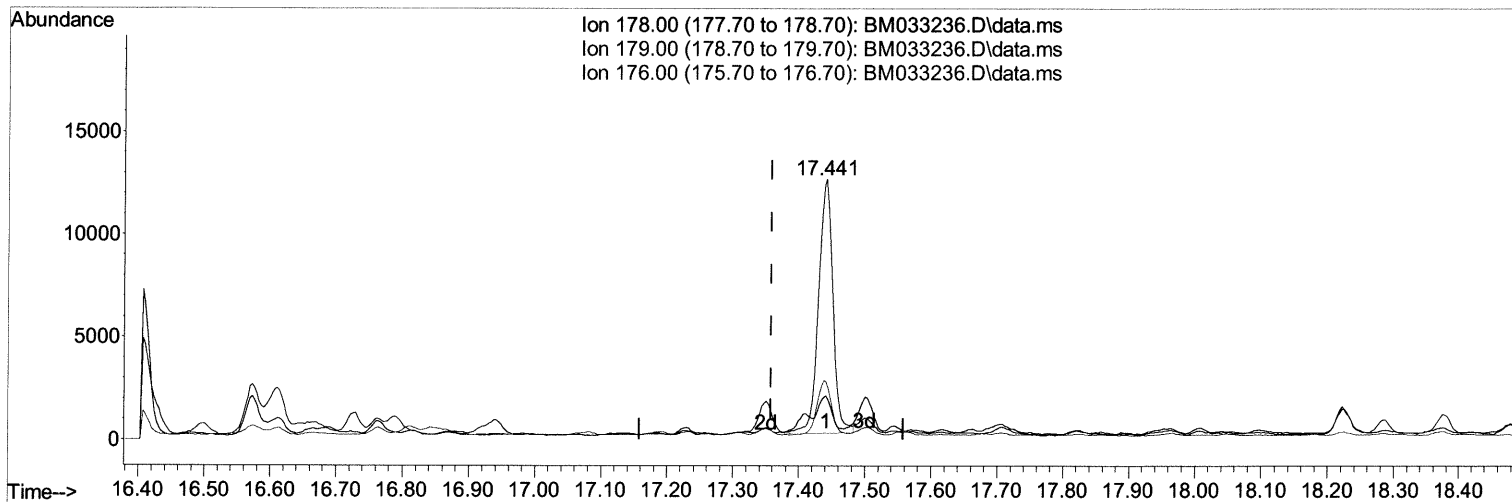Supervised By :mohammad ahmed   11/26/2021

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
Data File : BM033236.D
Acq On   : 23 Nov 2021 14:27
Operator : CG/JU
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Quant Time: Nov 23 16:14:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
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Manual IntegrationsAPPROVED

 Reviewed By :Jagrut Upadhyay   11/23/2021
 Supervised By :mohammad ahmed   11/26/2021

(15)   Phenanthrene

17.441min (+ 0.083)   0.38 ng/ul

response   18814

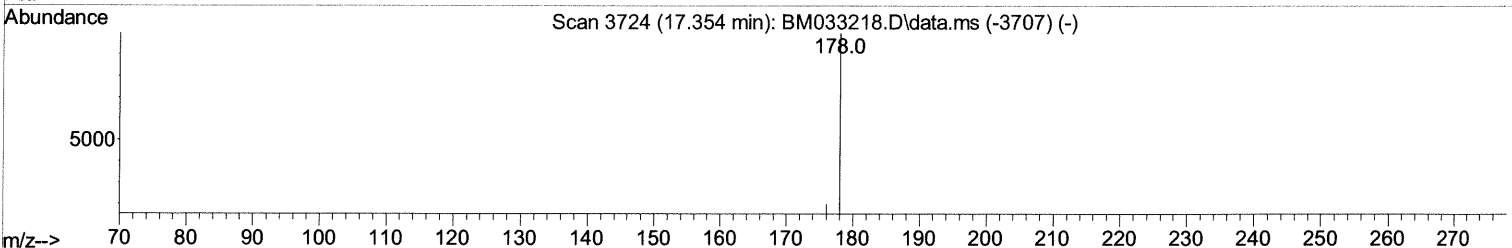| Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	16.90
176.00	20.00	22.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
Data File : BM033236.D
Acq On   : 23 Nov 2021 14:27
Operator : CG/JU
Sample   : M4725-04DL 5X
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Quant Time: Nov 23 16:14:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F4L07DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   11/23/2021
Supervised By :mohammad ahmed   11/26/2021

(15)   **Phenanthrene**

17.351min (-0.008)   0.04 ng/ul m   11/30/21 JU

response   2163

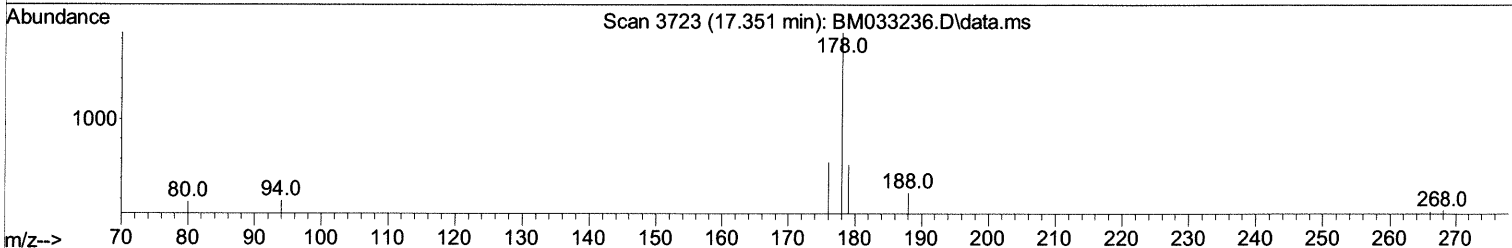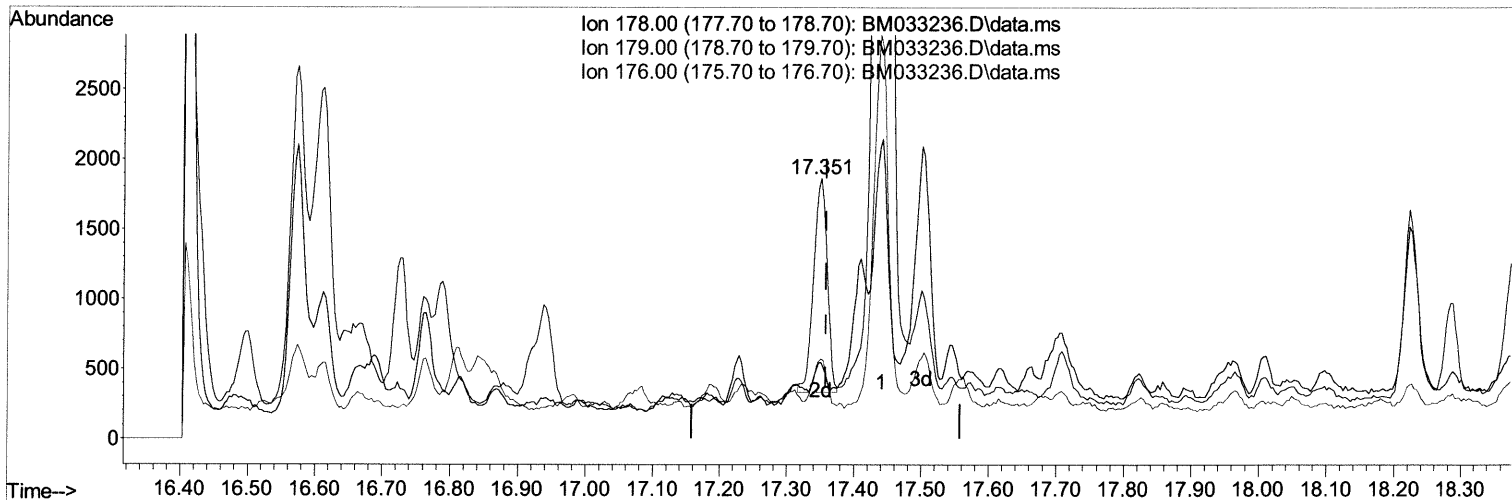| Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	29.27#
176.00	20.00	30.67#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
Data File : BM033236.D
Acq On   : 23 Nov 2021 14:27
Operator : CG/JU
Sample   : M4725-04DL 5X
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Quant Time: Nov 23 16:14:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F4L07DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   11/23/2021
Supervised By :mohammad ahmed   11/26/2021

(22) Chrysene

21.501min (-0.006) 0.03 ng/ul

response   1092

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.10	44.91#
229.00	20.10	35.53#
0.00	0.00	0.00

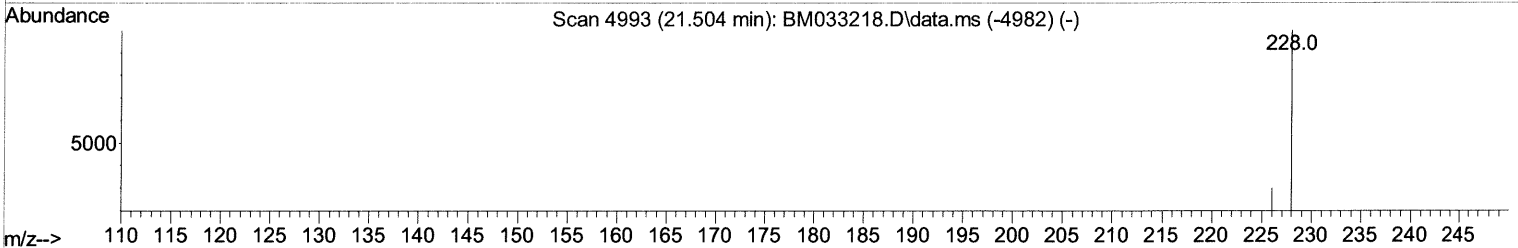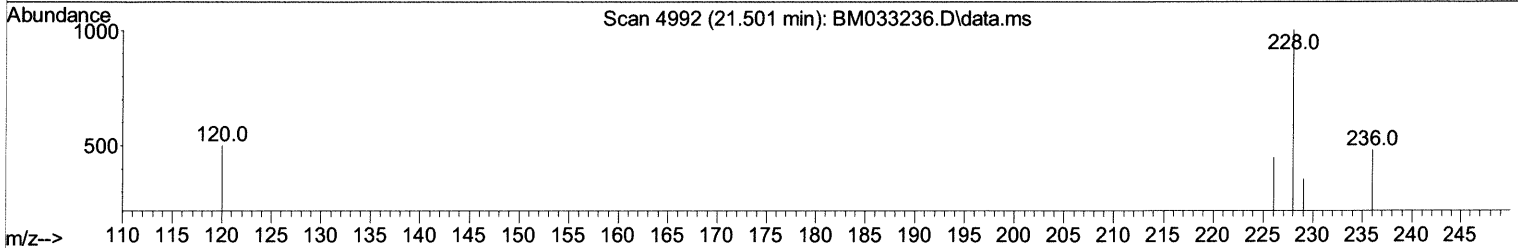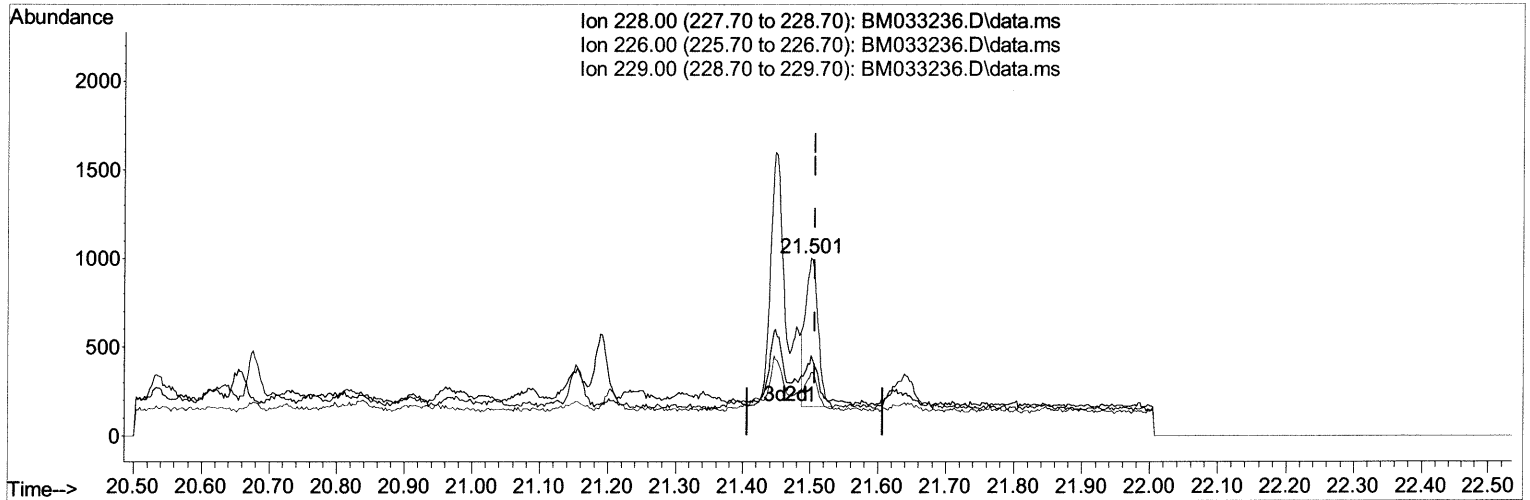Quantitation Report (Qedit)

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
Data File : BM033236.D
Acq On    : 23 Nov 2021  14:27
Operator  : CG/JU
Sample    : M4725-04DL 5X
Misc      :
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Nov 23 16:14:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration
```

Abundance — Ion 228.00 (227.70 to 228.70): BM033236.D\data.ms
Ion 226.00 (225.70 to 226.70): BM033236.D\data.ms
Ion 229.00 (228.70 to 229.70): BM033236.D\data.ms

Scan 4992 (21.501 min): BM033236.D\data.ms

Scan 4993 (21.504 min): BM033218.D\data.ms (-4982) (-)

TIC: BM033236.D\data.ms

```
    (22)   Chrysene

    21.501min (-0.006)   0.04 ng/ul m   11/30/21 JU

    response       1531

      Ion       Exp%      Act%

    228.00    100.00    100.00

    226.00     31.10     44.91#

    229.00     20.10     35.53#

      0.00      0.00      0.00
```

SFAM-EPA-SIM-BM111921.M Tue Nov 23 16:16:28 2021   Page: 1
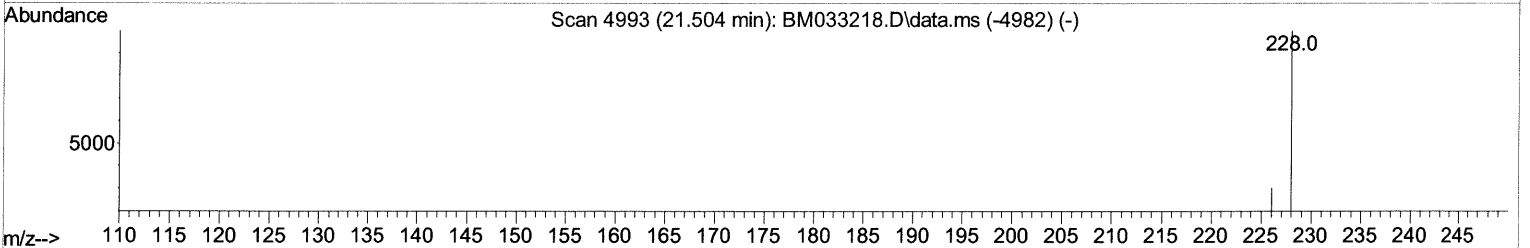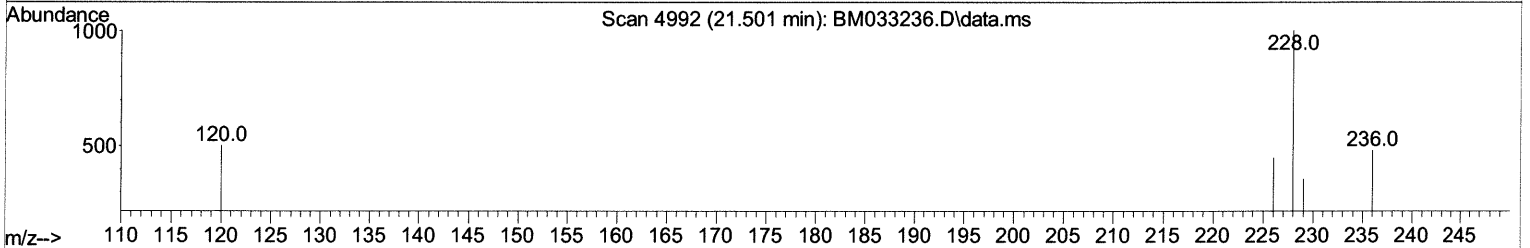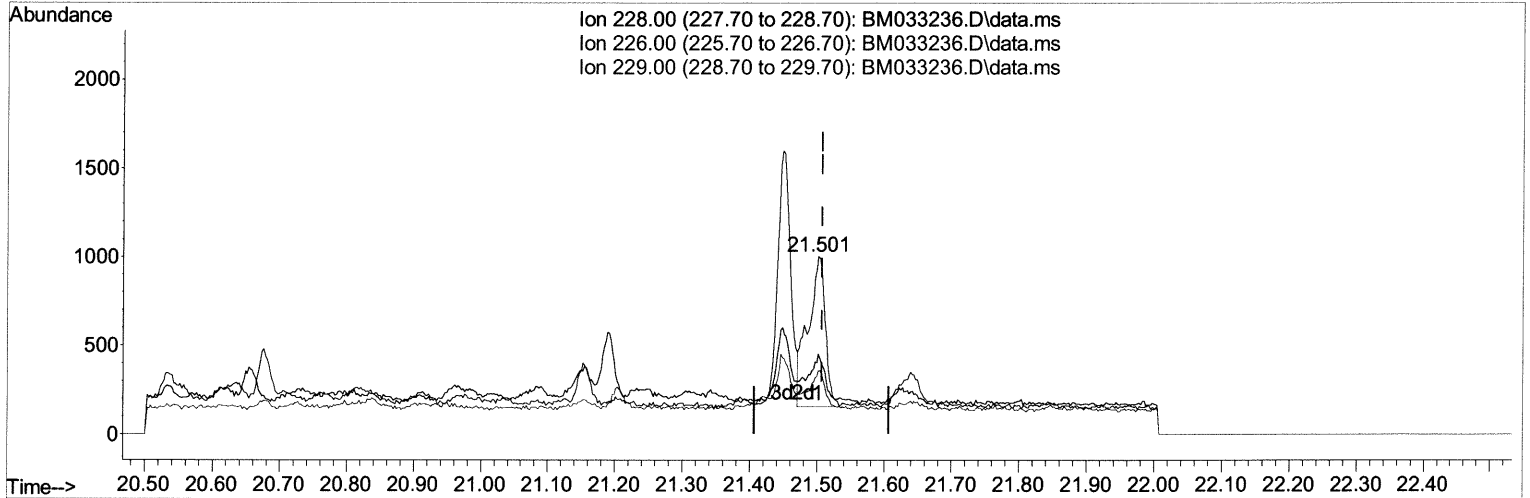
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
Data File : BM033236.D
Acq On    : 23 Nov 2021  14:27
Operator  : CG/JU
Sample    : M4725-04DL 5X
Misc      :
ALS Vial  : 7    Sample Multiplier: 1

Quant Time: Nov 23 16:14:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration
```

Instrument :
BNA_M
ClientSampleId :
F4L07DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   11/23/2021
Supervised By :mohammad ahmed   11/26/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	3162	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.746	136	9284	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.571	164	5921	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.305	188	13603	0.400	ng/ul	-0.01
17) Chrysene-d12	21.465	240	10838	0.400	ng/ul	0.00
23) Perylene-d12	23.807	264	8970	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.413	96	2859	0.962	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	1093	0.085	ng/ul	-0.01
18) Fluoranthene-d10	19.322	212	3265	0.104	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.455	88	141	0.042	ng/ul#	65
5) Naphthalene	10.795	128	1096	0.038	ng/ul#	53
8) 1-Methylnaphthalene	12.621	142	1451	0.079	ng/ul	95
10) Acenaphthylene	14.291	152	6007	0.217	ng/ul#	89
11) Acenaphthene	14.636	153	538894	23.732	ng/ul	98
12) Fluorene	15.614	166	117760	4.596	ng/ul	98
15) Phenanthrene	17.351	178	2163m >	0.044	ng/ul >	11/16/21JU
16) Anthracene	17.441	178	18543	0.465	ng/ul	96
19) Fluoranthene	19.353	202	72604	1.392	ng/ul	98
20) Pyrene	19.715	202	50960	0.984	ng/ul	100
21) Benzo(a)anthracene	21.448	228	1945	0.050	ng/ul#	83
22) Chrysene	21.501	228	1531m >	0.036	ng/ul >	11/30/21JU

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