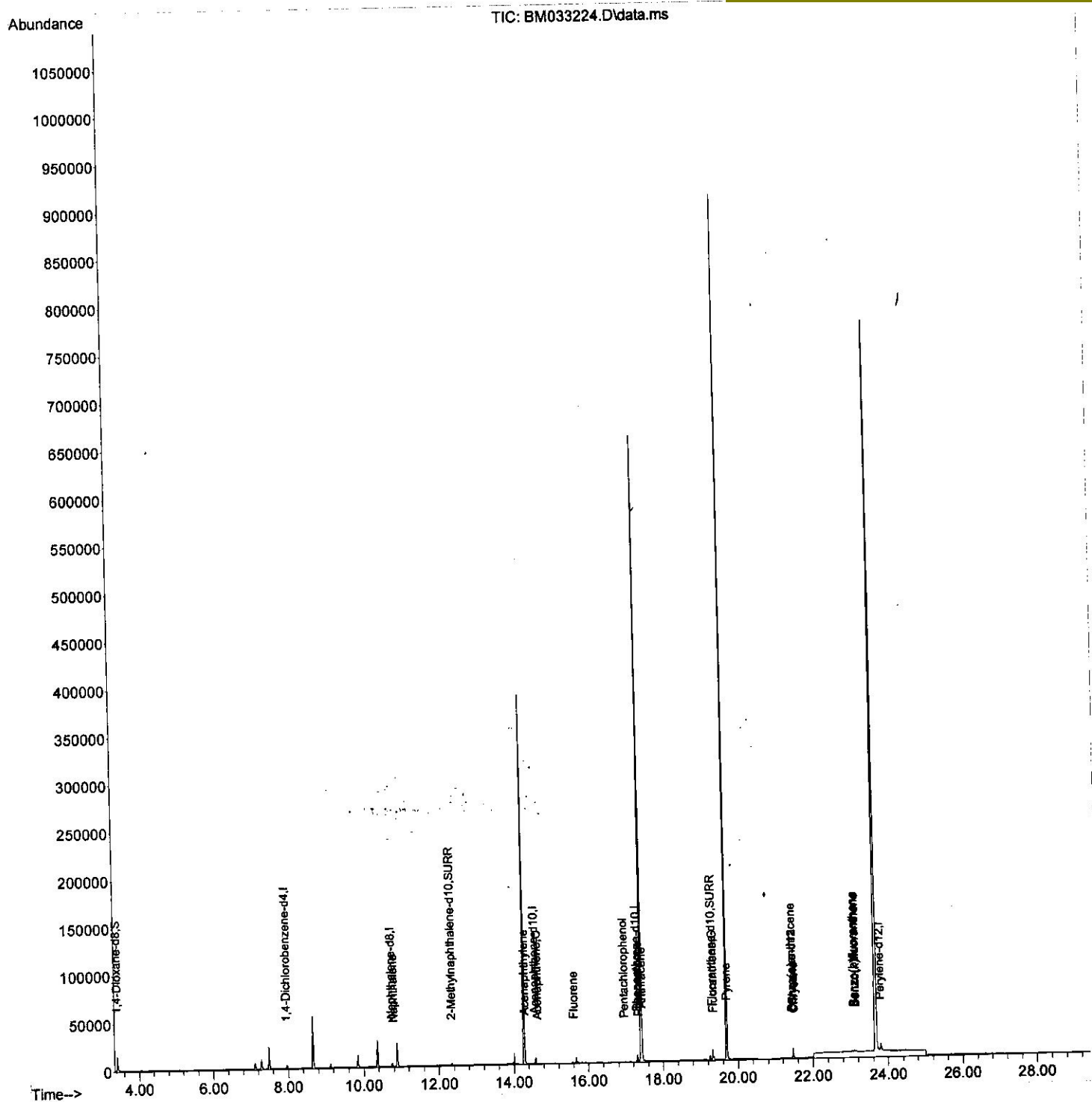Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112221\
Data File : BM033224.D
Acq On   : 22 Nov 2021 20:13
Operator : CG/JU
Sample   : M4779-01
Misc   :
ALS Vial : 13   Sample Multiplier: 1

Quant Time: Nov 23 00:01:18 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 :
F4L03

Manual IntegrationsAPPROVED

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

TIC: BM033224.D\data.ms

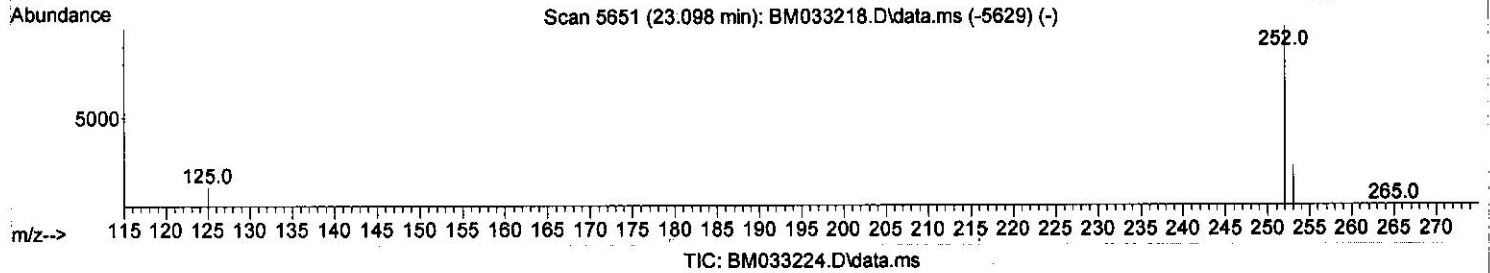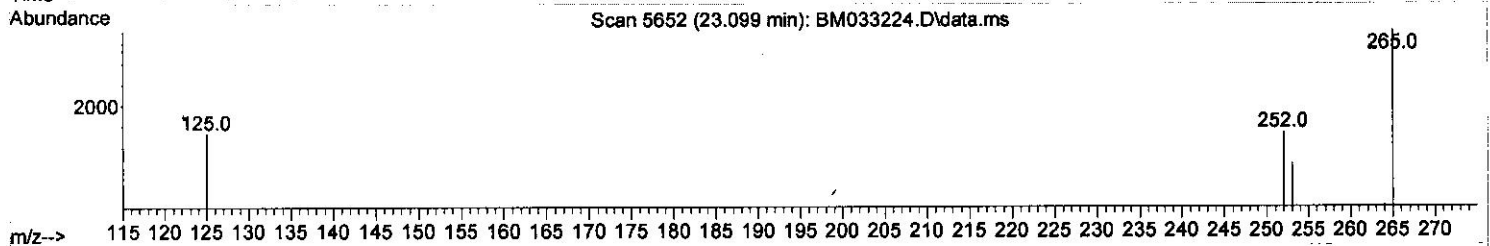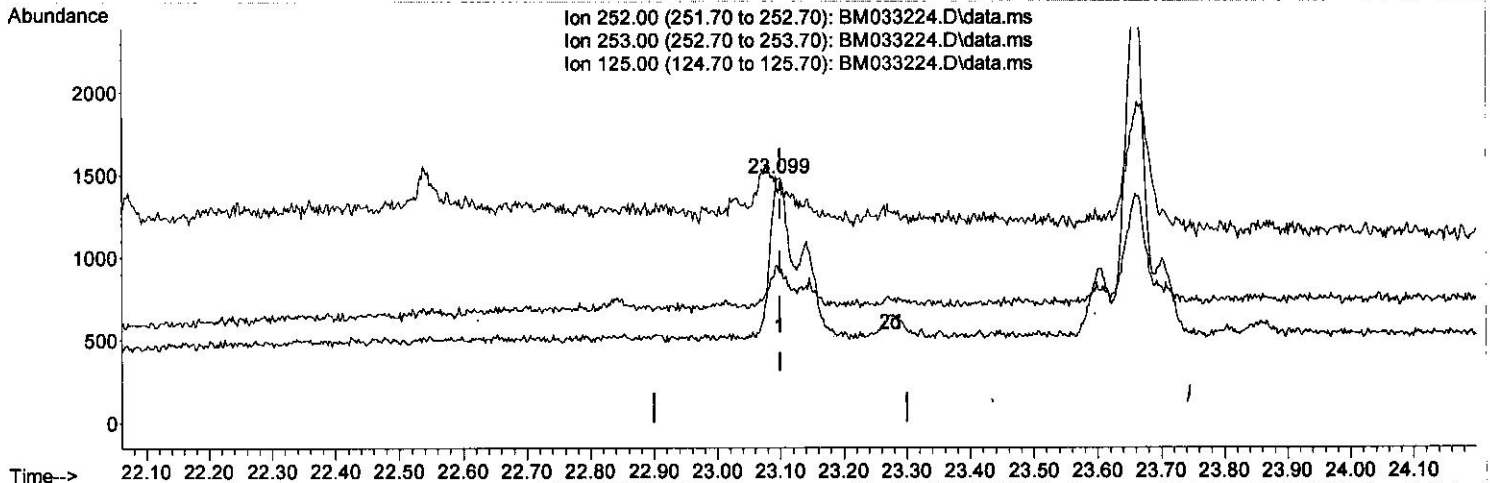SFAM-EPA-SIM-BM111921.M Tue Nov 23 00:18:02 2021

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112221\
Data File : BM033224.D
Acq On   : 22 Nov 2021 20:13
Operator : CG/JU
Sample   : M4779-01
Misc   :
ALS Vial : 13   Sample Multiplier: 1

Quant Time: Nov 23 00:01:18 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 :
F4L03

Manual IntegrationsAPPROVED

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

Ion 252.00 (251.70 to 252.70): BM033224.D\data.ms
Ion 253.00 (252.70 to 253.70): BM033224.D\data.ms
Ion 125.00 (124.70 to 125.70): BM033224.D\data.ms

Scan 5652 (23.099 min): BM033224.D\data.ms

Scan 5651 (23.098 min): BM033218.D\data.ms (-5629) (-)

TIC: BM033224.D\data.ms

(24) Benzo(b)fluoranthene

23.099min (-0.001) 0.06 ng/ul

response   3047

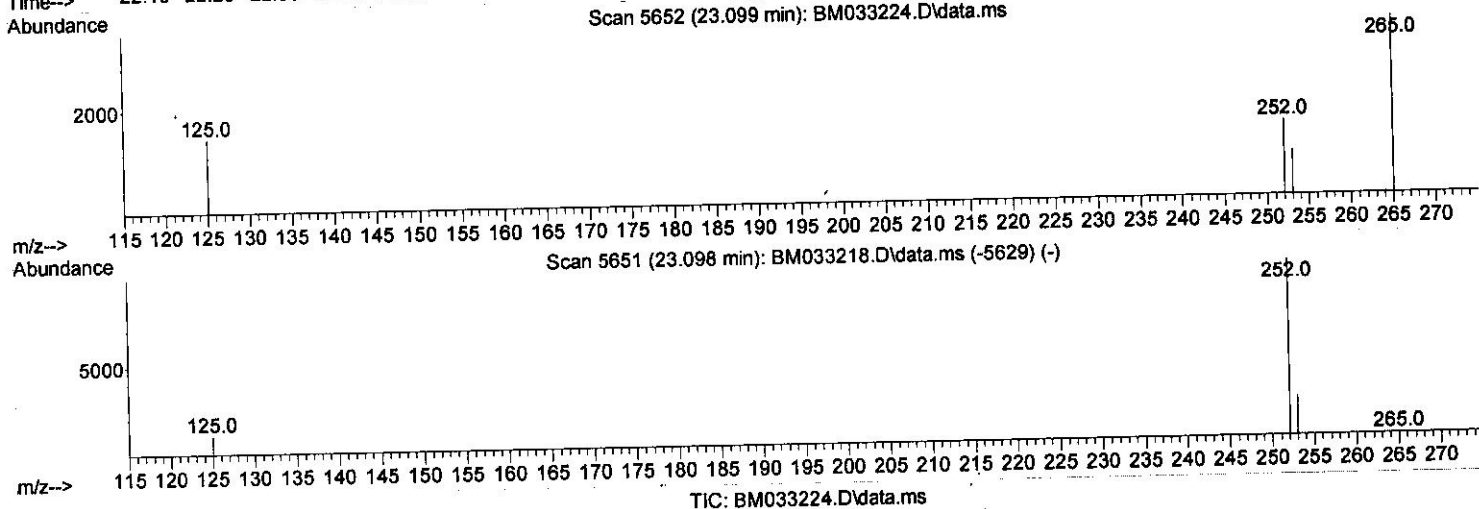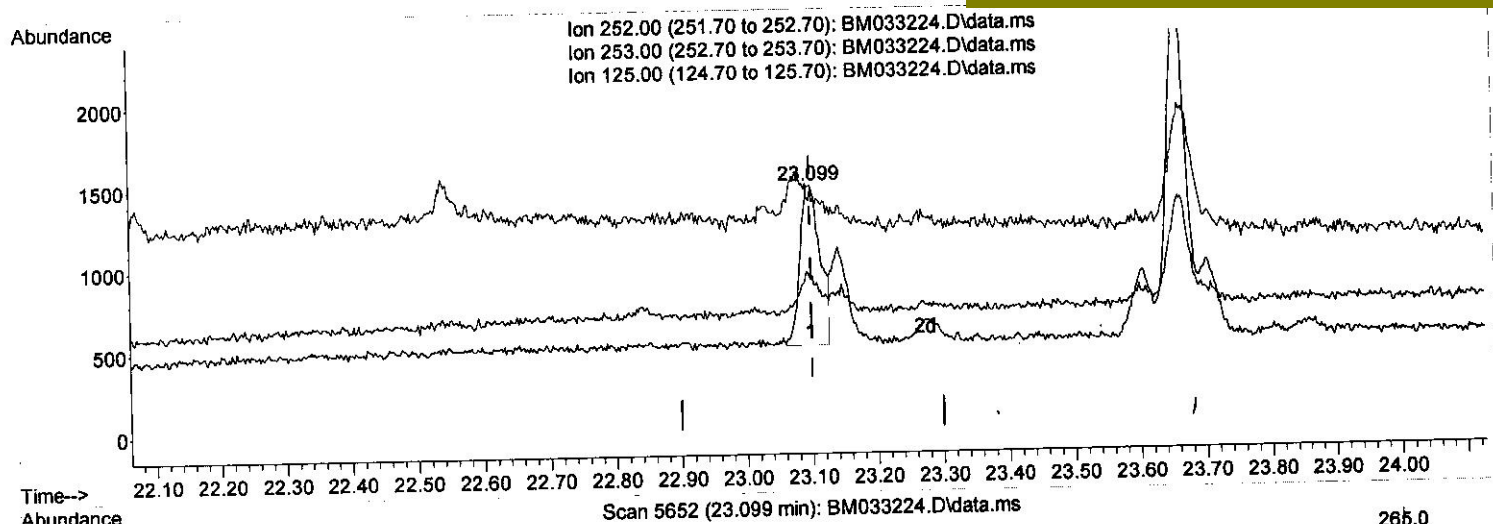| Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.60	61.12#
125.00	17.10	99.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112221\
Data File : BM033224.D
Acq On   : 22 Nov 2021 20:13
Operator : CG/JU
Sample   : M4779-01
Misc   :
ALS Vial : 13   Sample Multiplier: 1

Quant Time: Nov 23 00:01:18 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

Ion 252.00 (251.70 to 252.70): BM033224.D\data.ms
Ion 253.00 (252.70 to 253.70): BM033224.D\data.ms
Ion 125.00 (124.70 to 125.70): BM033224.D\data.ms

Scan 5652 (23.099 min): BM033224.D\data.ms

Scan 5651 (23.098 min): BM033218.D\data.ms (-5629) (-)

TIC: BM033224.D\data.ms

(24) Benzo(b)fluoranthene

23.099min (-0.001) 0.04 ng/ul m

response   2107

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.60	61.12#
125.00	17.10	99.05#
0.00	0.00	0.00

Page: 1

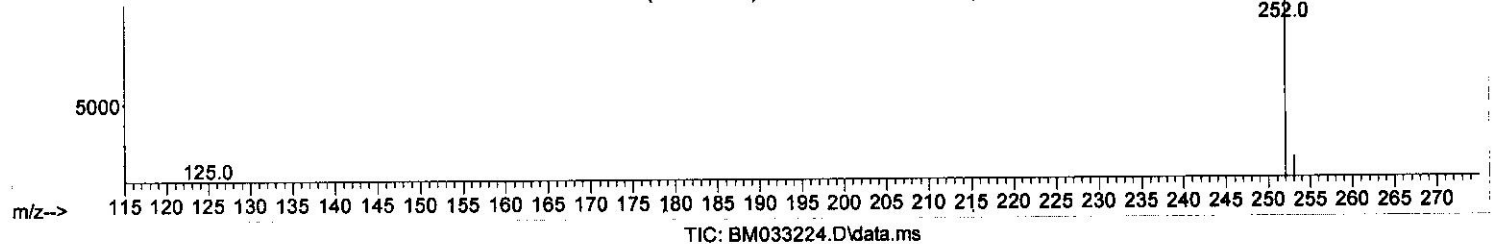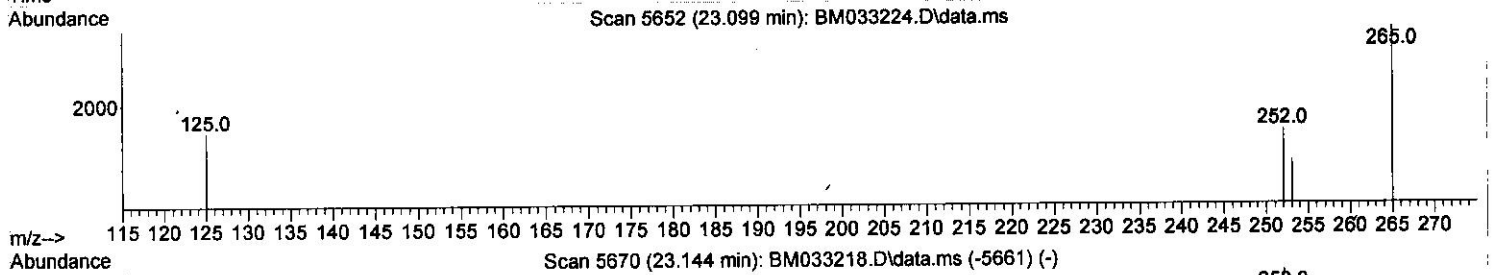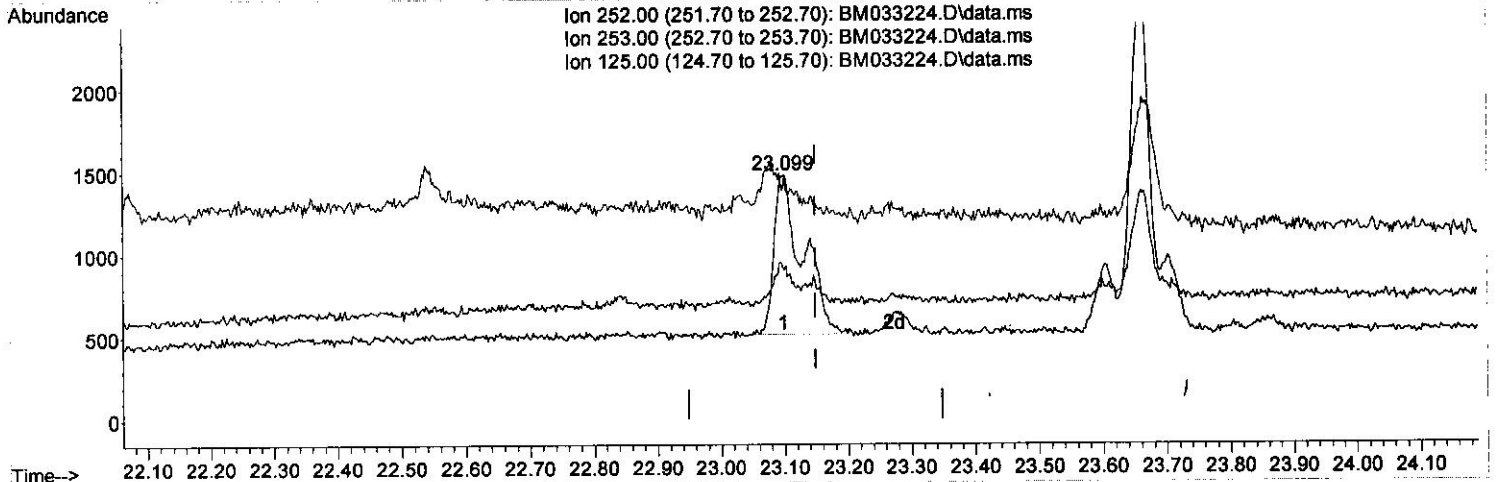SFAM-EPA-SIM-BM111921.M Tue Nov 23 00:16:24 2021

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112221\
Data File : BM033224.D
Acq On   : 22 Nov 2021 20:13
Operator : CG/JU
Sample   : M4779-01
Misc   :
ALS Vial : 13   Sample Multiplier: 1

Quant Time: Nov 23 00:01:18 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 :
F4L03

Manual IntegrationsAPPROVED

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

Ion 252.00 (251.70 to 252.70): BM033224.D\data.ms
Ion 253.00 (252.70 to 253.70): BM033224.D\data.ms
Ion 125.00 (124.70 to 125.70): BM033224.D\data.ms

Scan 5652 (23.099 min): BM033224.D\data.ms

Scan 5670 (23.144 min): BM033218.D\data.ms (-5661) (-)

TIC: BM033224.D\data.ms

(25)   Benzo(k)fluoranthene

23.099min (-0.049) 0.06 ng/ul

response   3038

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.90	61.12#
125.00	18.20	99.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112221\
Data File : BM033224.D
Acq On   : 22 Nov 2021 20:13
Operator : CG/JU
Sample   : M4779-01
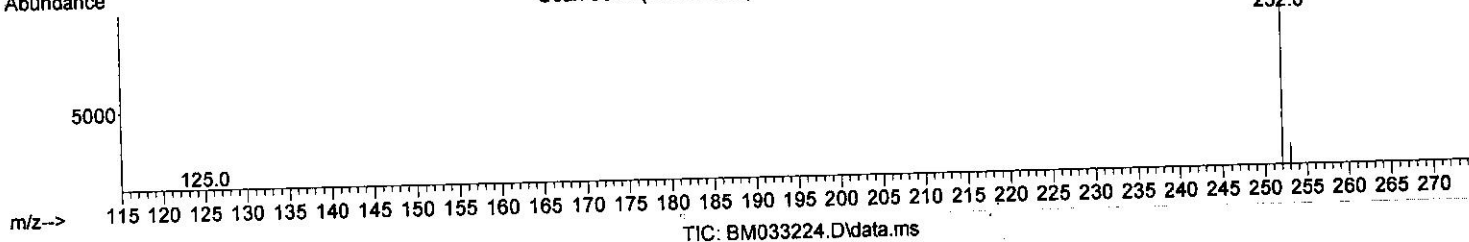Misc   :
ALS Vial : 13   Sample Multiplier: 1

Quant Time: Nov 23 00:01:18 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

Ion 252.00 (251.70 to 252.70): BM033224.D\data.ms
Ion 253.00 (252.70 to 253.70): BM033224.D\data.ms
Ion 125.00 (124.70 to 125.70): BM033224.D\data.ms

Scan 5669 (23.141 min): BM033224.D\data.ms

Scan 5670 (23.144 min): BM033218.D\data.ms (-5661) (-)

TIC: BM033224.D\data.ms

(25) Benzo(k)fluoranthene

23.141min (-0.008) 0.02 ng/ul m

response   1046

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.90	75.53#
125.00	18.20	123.29#
0.00	0.00	0.00

Page: 1

SFAM-EPA-SIM-BM111921.M Tue Nov 23 00:17:14 2021

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112221\
Data File : BM033224.D
Acq On   : 22 Nov 2021 20:13
Operator : CG/JU
Sample   : M4779-01
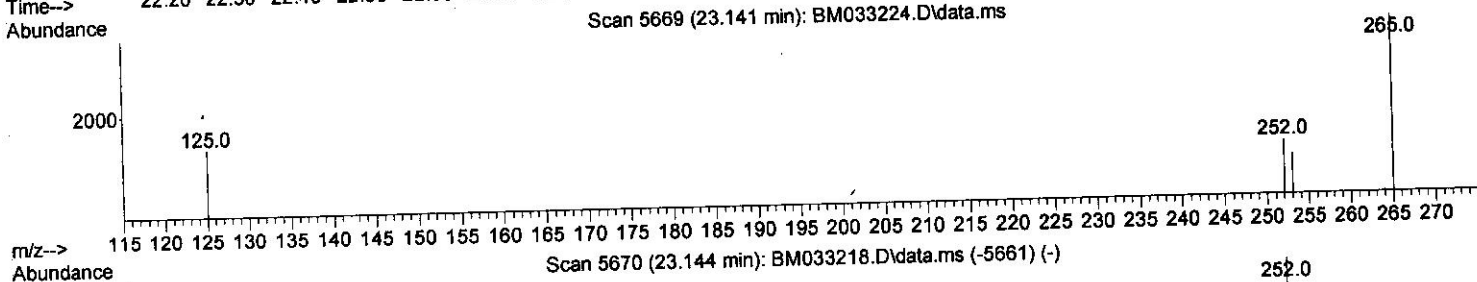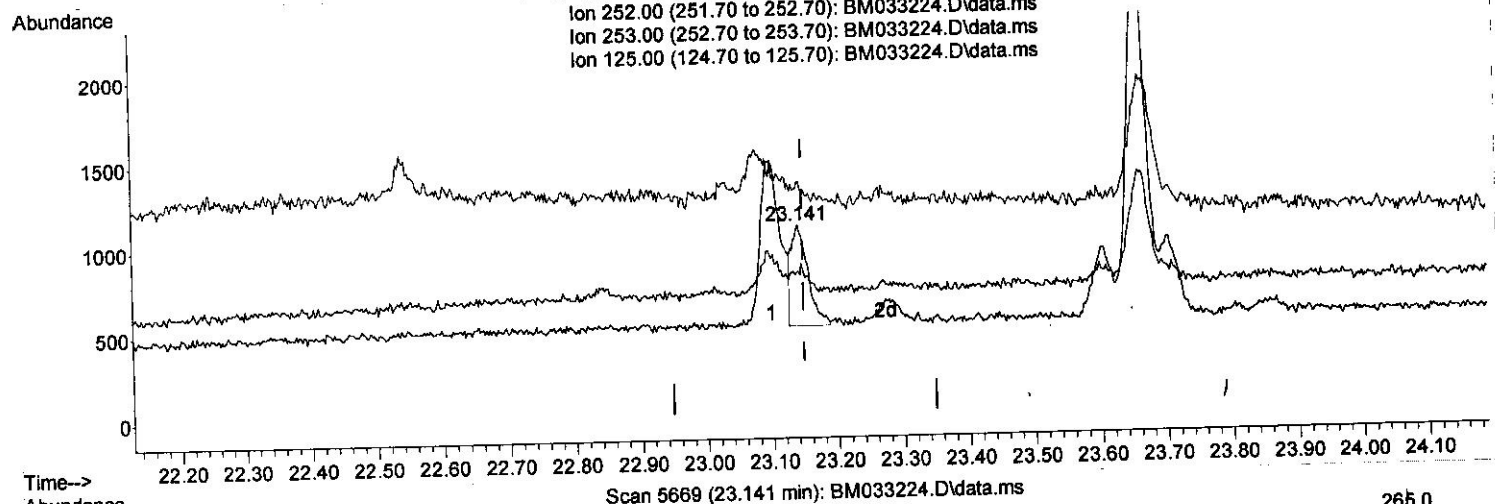Misc   :
ALS Vial : 13   Sample Multiplier: 1

Quant Time: Nov 23 00:01:18 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 :
F4L03

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	7.956	152	1882	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.750	136	5535	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	3469	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	7791	0.400	ng/ul	-0.01
17) Chrysene-d12	21.467	240	9319	0.400	ng/ul	0.00
23) Perylene-d12	23.804	264	10824	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	9645	5.450	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.333	152	3024	0.394	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	11109	0.411	ng/ul	0.00

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
Target Compounds						
5) Naphthalene	10.804	128	403	0.023	ng/ul#	59
10) Acenaphthylene	14.298	152	510	0.031	ng/ul#	63
11) Acenaphthene	14.636	153	349	0.026	ng/ul	94
12) Fluorene	15.618	166	358	0.024	ng/ul#	92
14) Pentachlorophenol	16.965	266	57	0.022	ng/ul	88
15) Phenanthrene	17.350	178	1747	0.062	ng/ul#	85
16) Anthracene	17.441	178	3633	0.159	ng/ul	94
19) Fluoranthene	19.356	202	2558	0.057	ng/ul#	92
20) Pyrene	19.715	202	2336	0.052	ng/ul#	75
21) Benzo(a)anthracene	21.450	228	1038	0.031	ng/ul#	83
22) Chrysene	21.501	228	1347	0.037	ng/ul#	87
24) Benzo(b)fluoranthene	23.099	252	2107m	0.043	ng/ul	
25) Benzo(k)fluoranthene	23.141	252	1046m	0.022	ng/ul	

JU
11/29/21

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