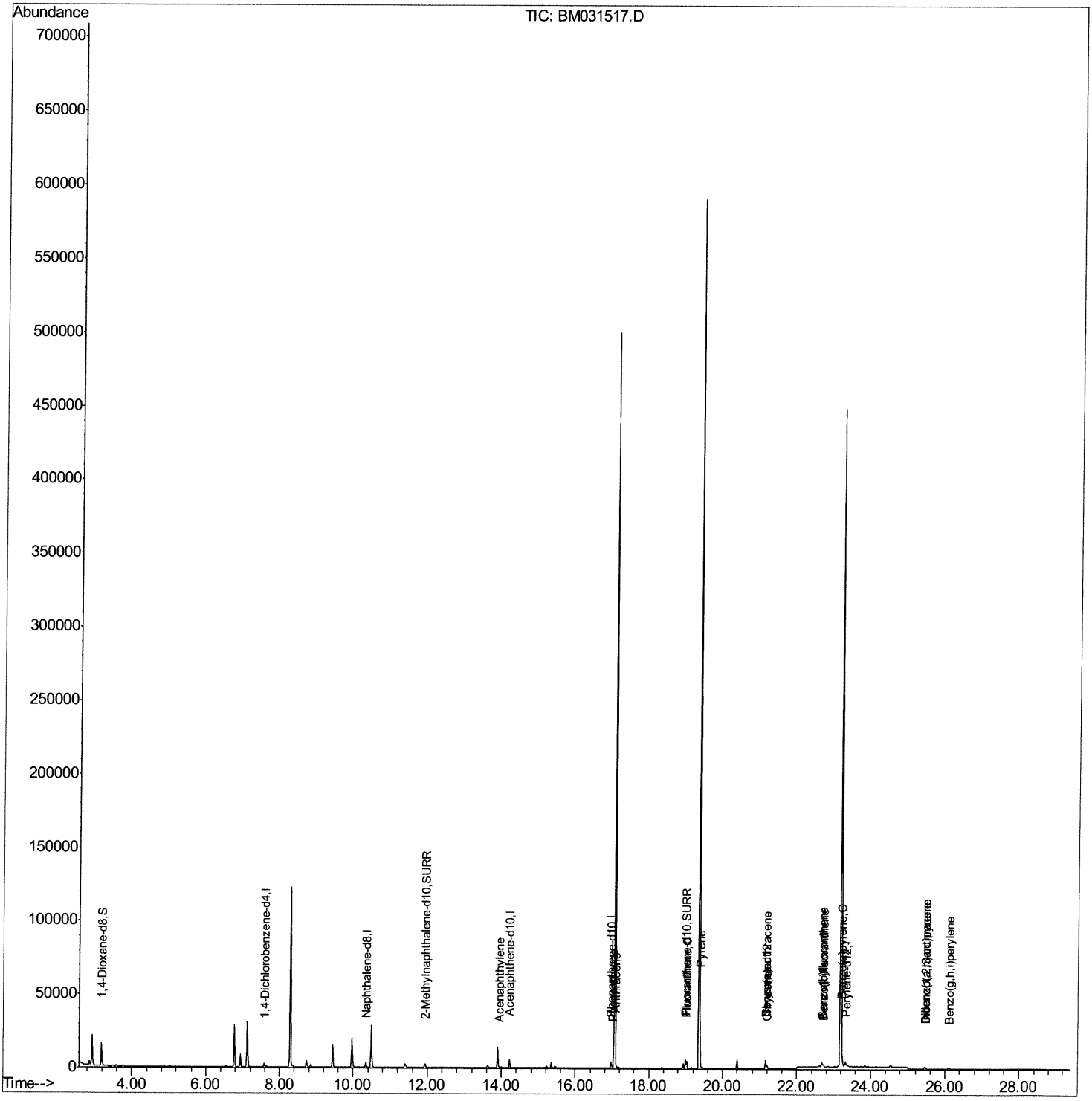
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031517.D
Acq On : 06 Aug 2021 15:55
Operator : CG/JU
Sample : M3162-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 06 16:27:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGET1

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:20 PM



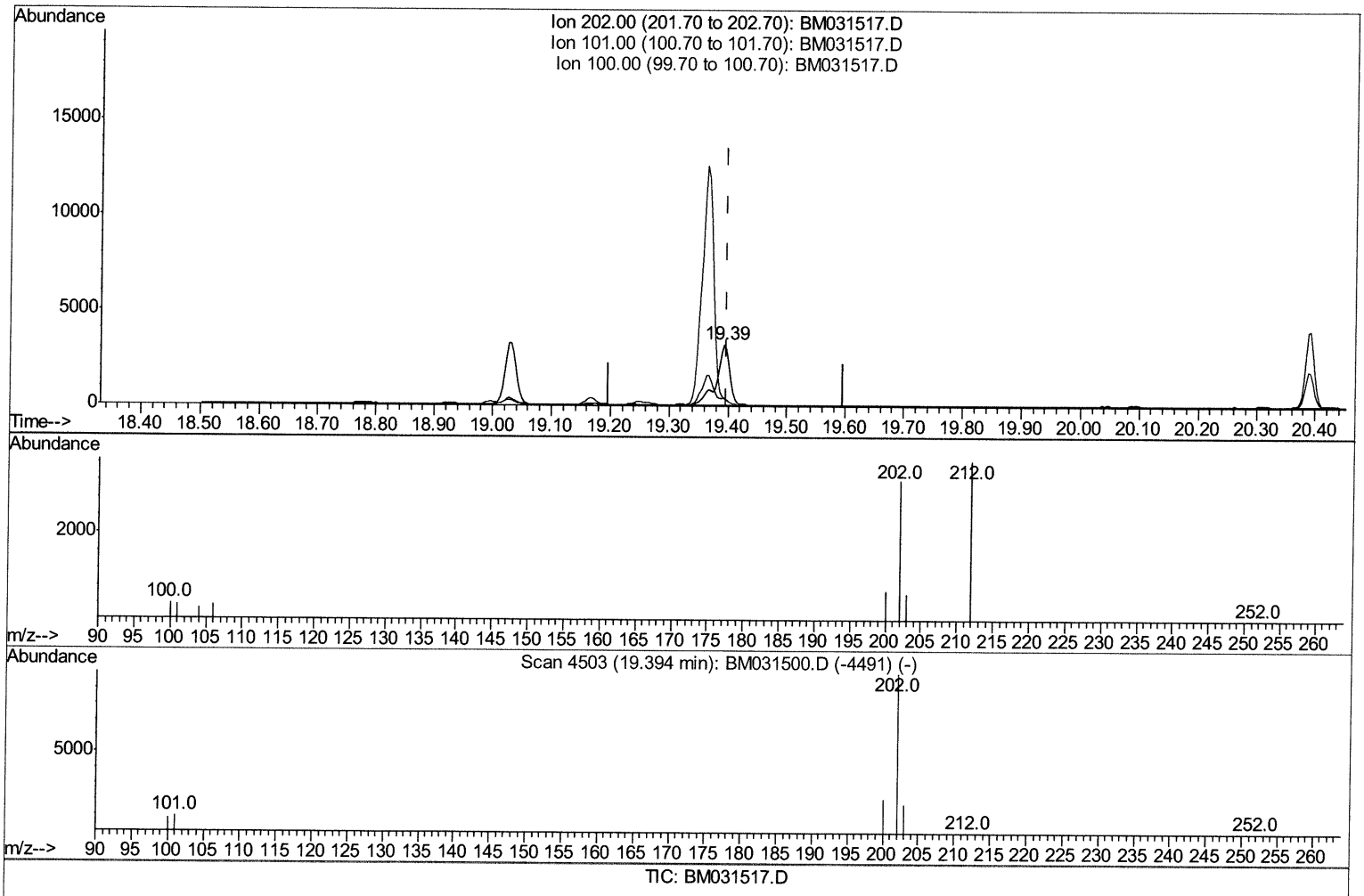
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031517.D
Acq On : 06 Aug 2021 15:55
Operator : CG/JU
Sample : M3162-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Aug 06 16:25:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGET1

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:20 PM



TIC: BM031517.D

(20) Pyrene

19.393min (-0.004) 0.26ng/ul

response 5013

Ion	Exp%	Act%
202.00	100	100
101.00	9.70	12.11#
100.00	8.30	12.60#
0.00	0.00	0.00

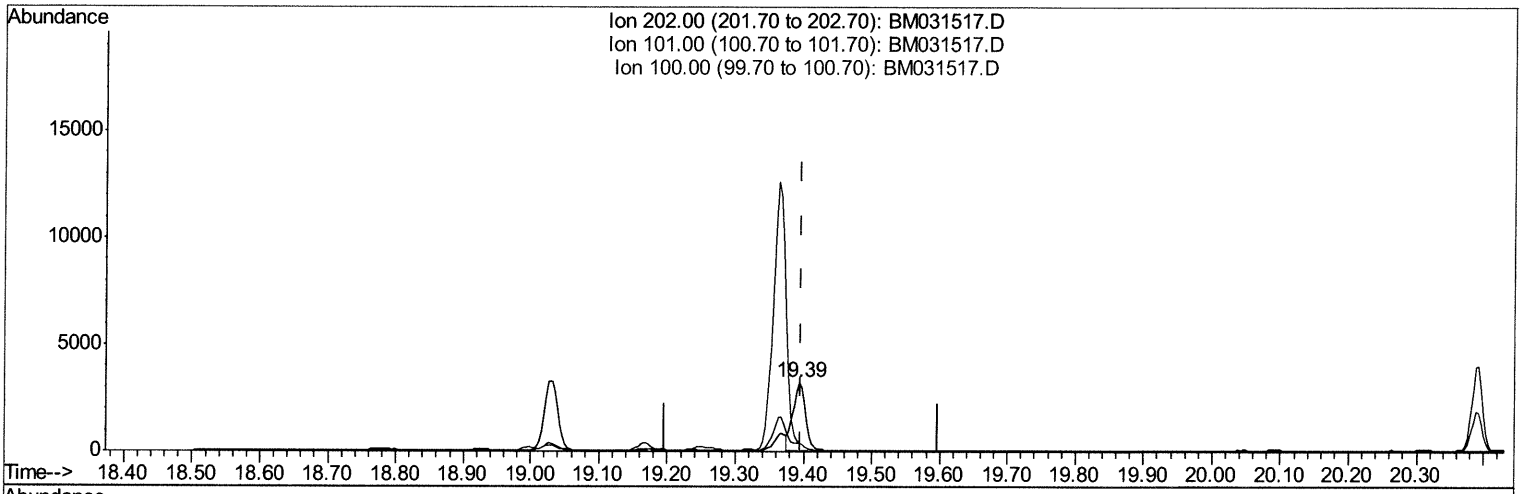
Quantitation Report (Qedit)

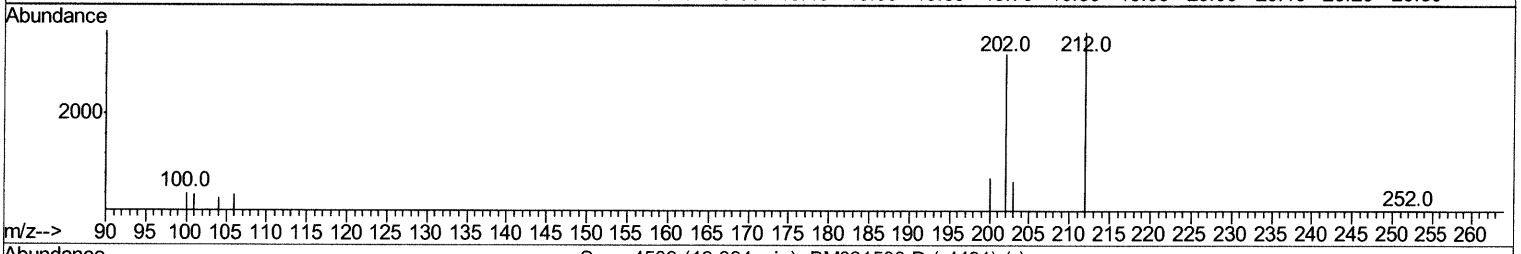
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031517.D
Acq On : 06 Aug 2021 15:55
Operator : CG/JU
Sample : M3162-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

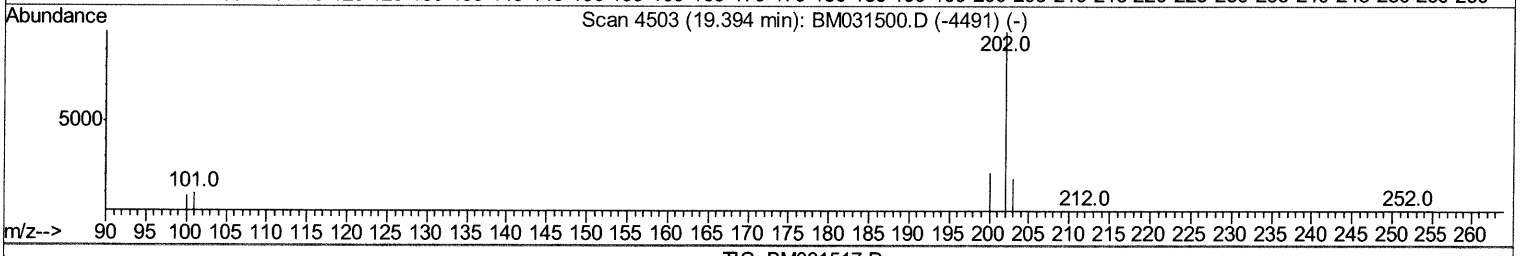
Quant Time: Aug 06 16:25:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGET1

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:20 PM







TIC: BM031517.D

(20) Pyrene

19.393min (-0.004) 0.21ng/ul m JG 8/11/21

response 4054

Ion	Exp%	Act%
202.00	100	100
101.00	9.70	12.11#
100.00	8.30	12.60#
0.00	0.00	0.00

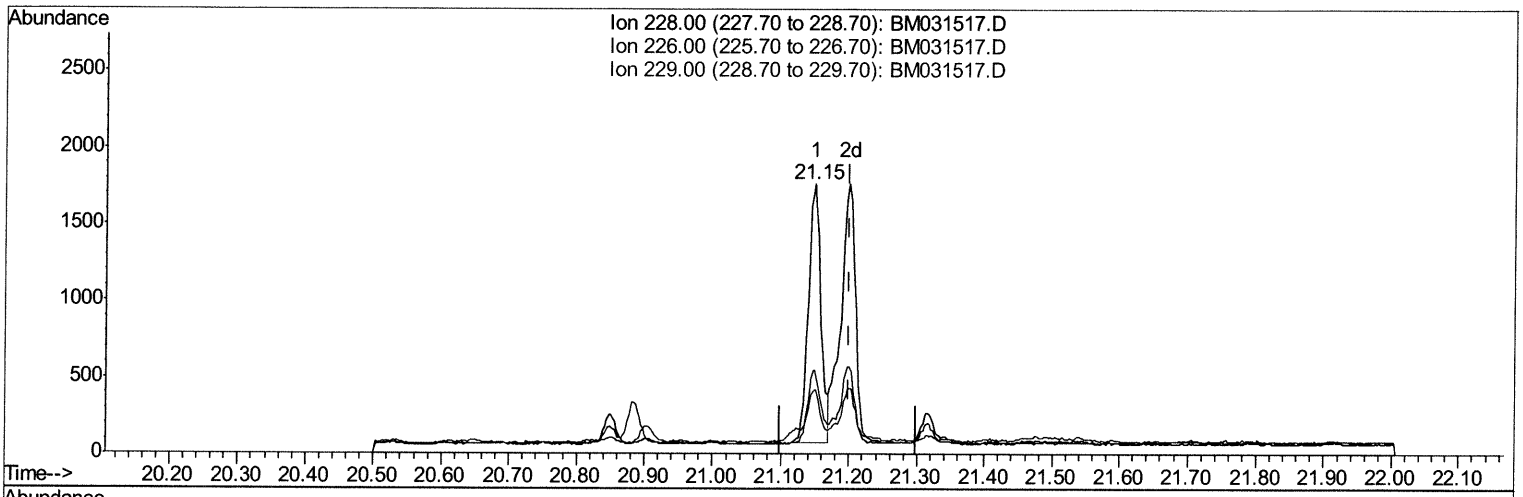
Quantitation Report (Qedit)

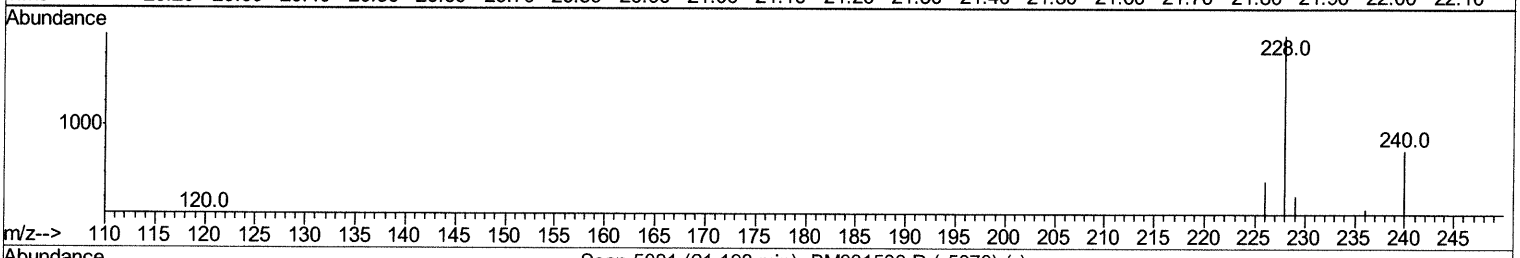
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031517.D
Acq On : 06 Aug 2021 15:55
Operator : CG/JU
Sample : M3162-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

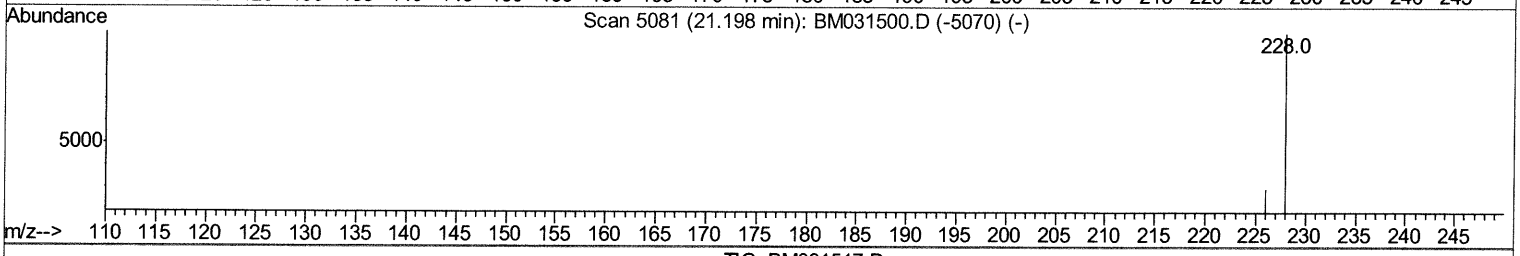
Quant Time: Aug 06 16:25:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGET1

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:20 PM







TIC: BM031517.D

(22) Chrysene

21.149min (-0.051) 0.12ng/ul

response 2196

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	30.76
229.00	20.20	23.85
0.00	0.00	0.00

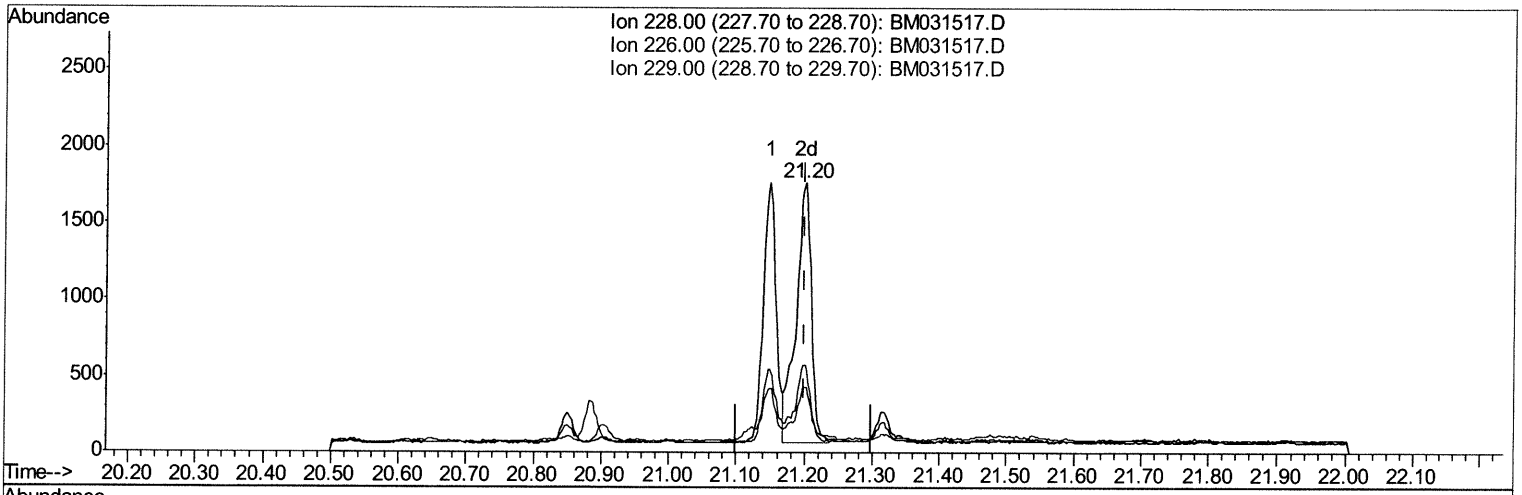
Quantitation Report (Qedit)

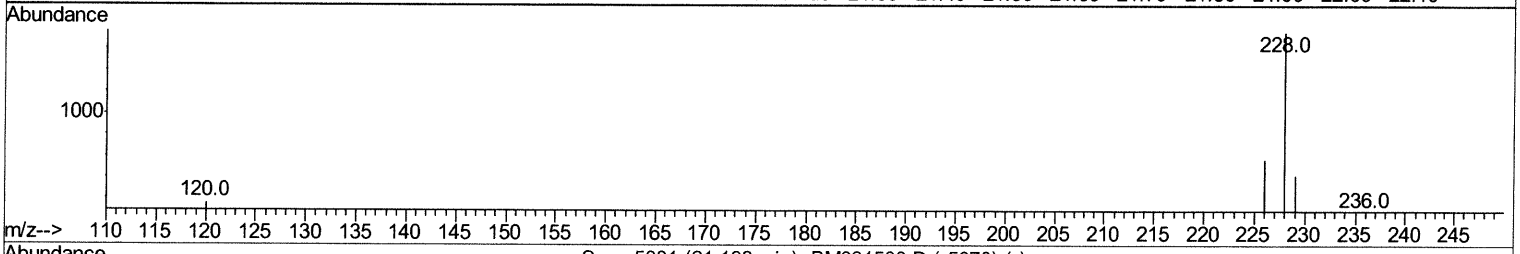
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031517.D
Acq On : 06 Aug 2021 15:55
Operator : CG/JU
Sample : M3162-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

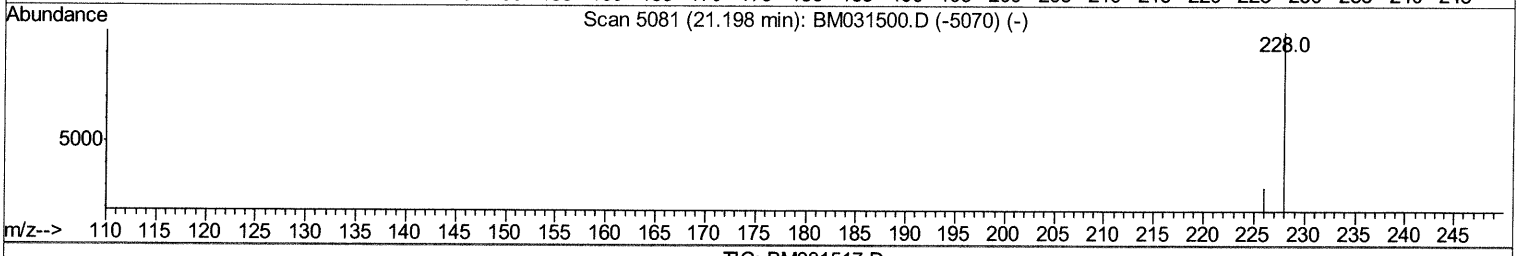
Quant Time: Aug 06 16:25:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGET1

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:20 PM







TIC: BM031517.D

(22) Chrysene

21.200min (-0.000) 0.14ng/ul m

response 2657

JU 8/11/21

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	32.07
229.00	20.20	24.25#
0.00	0.00	0.00

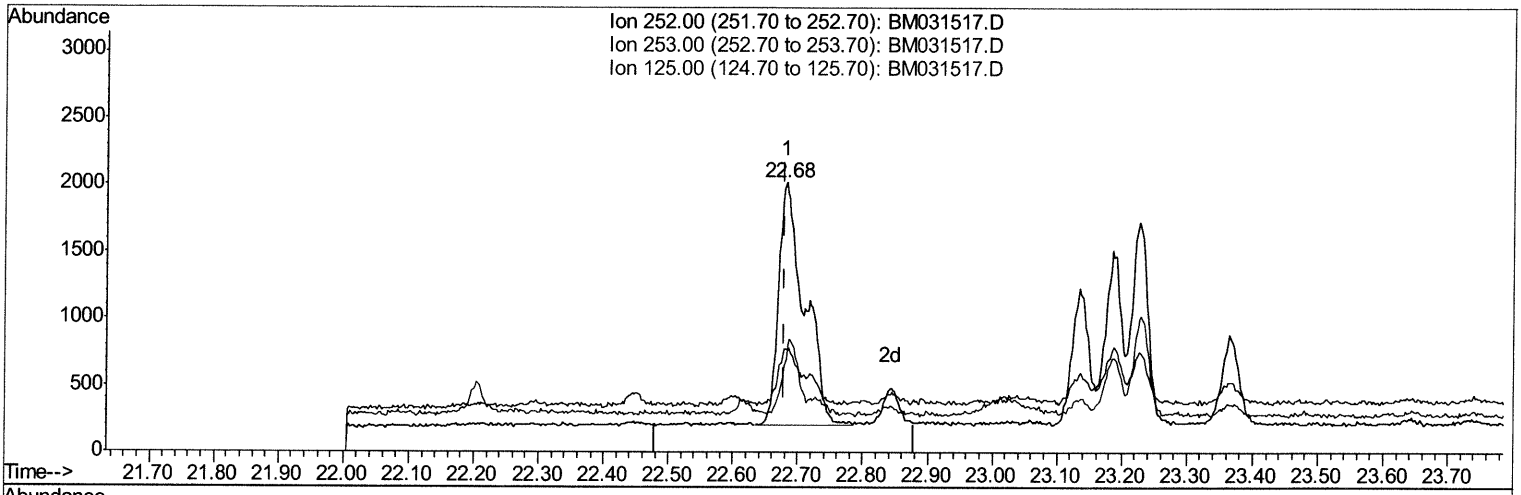
Quantitation Report (Qedit)

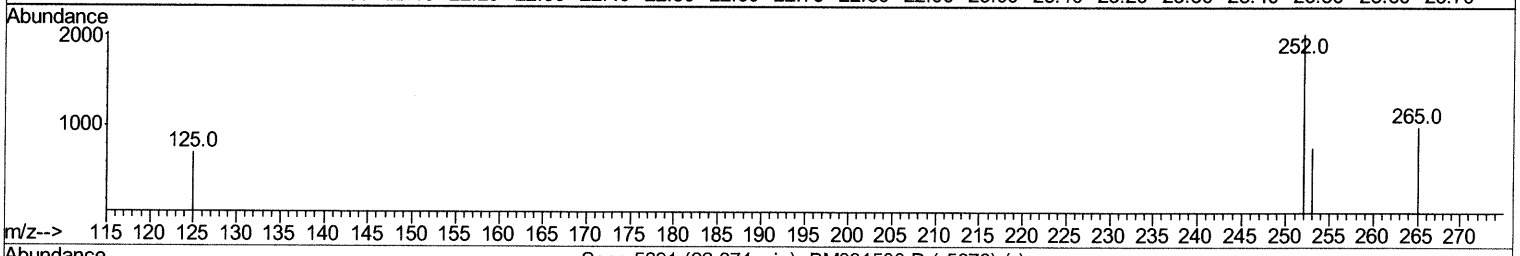
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031517.D
Acq On : 06 Aug 2021 15:55
Operator : CG/JU
Sample : M3162-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

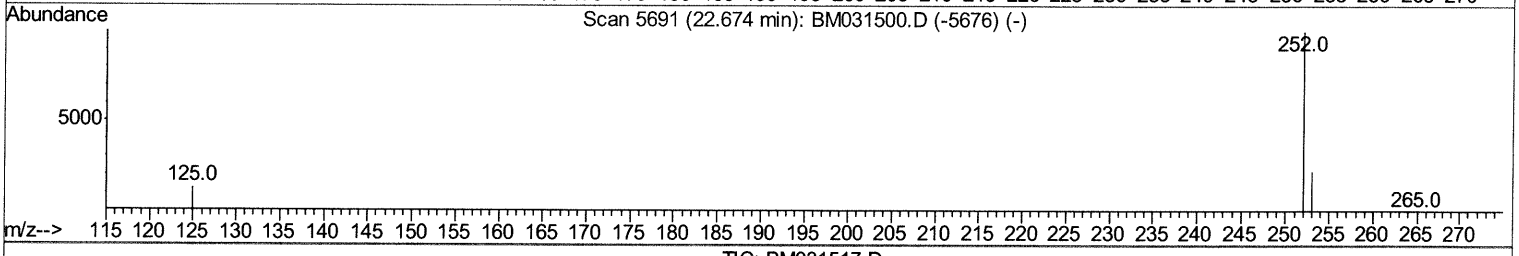
Quant Time: Aug 06 16:25:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGET1

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:20 PM







TIC: BM031517.D

(24) Benzo(b)fluoranthene

22.682min (+0.002) 0.23ng/ul

response 5079

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	38.20
125.00	11.40	34.69#
0.00	0.00	0.00

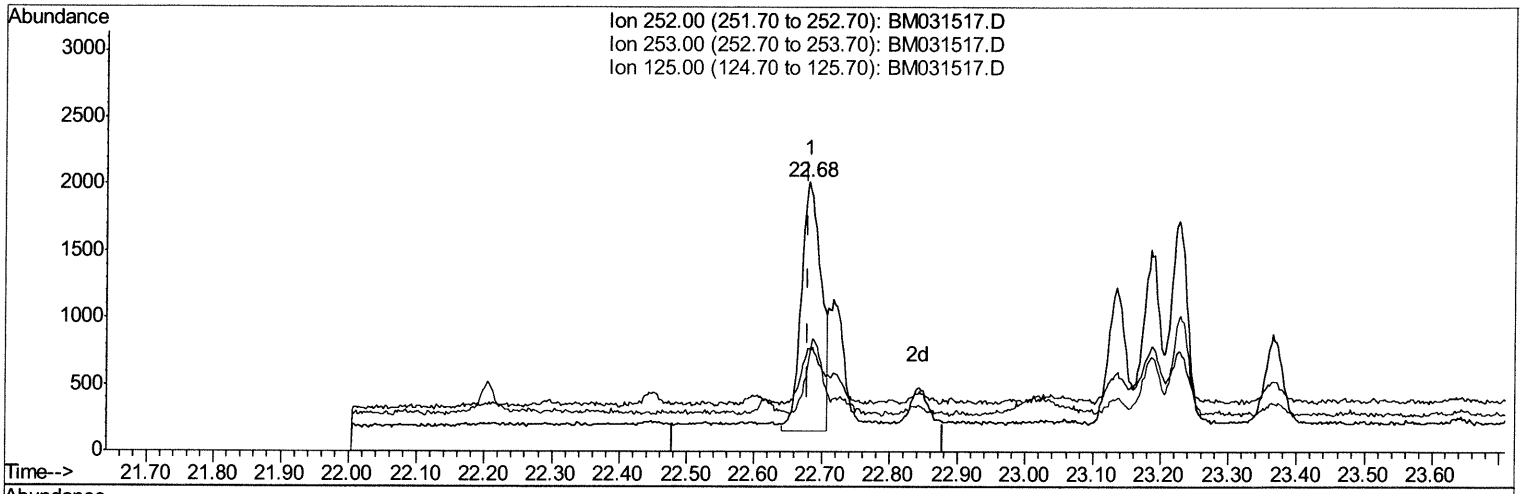
Quantitation Report (Qedit)

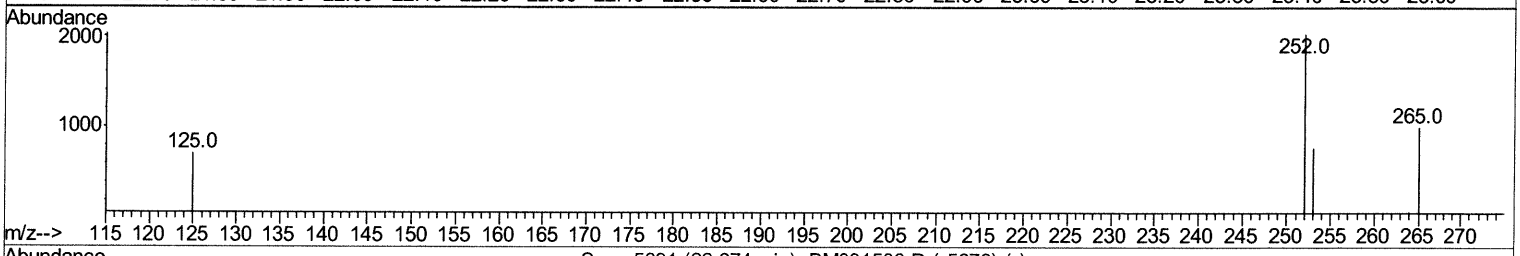
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031517.D
Acq On : 06 Aug 2021 15:55
Operator : CG/JU
Sample : M3162-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

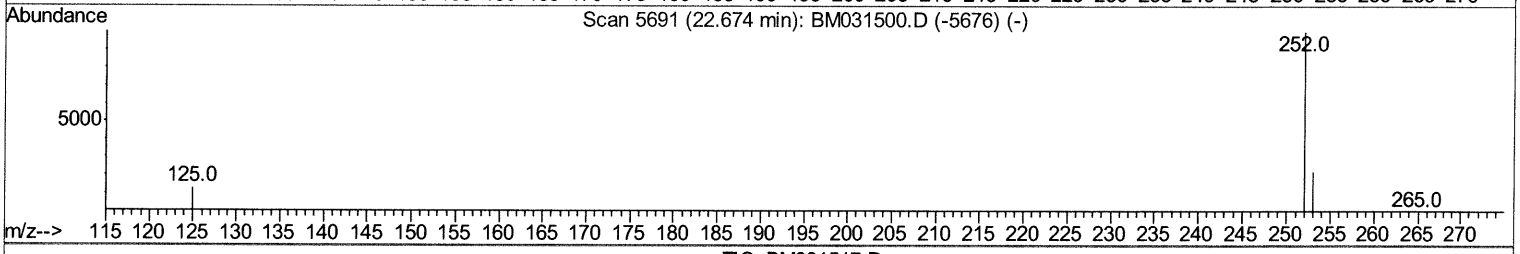
Quant Time: Aug 06 16:25:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGET1

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:20 PM







TIC: BM031517.D

(24) Benzo(b)fluoranthene

22.682min (+0.002) 0.18ng/ul m JU 8/11/21

response 3840

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	38.20
125.00	11.40	34.69#
0.00	0.00	0.00

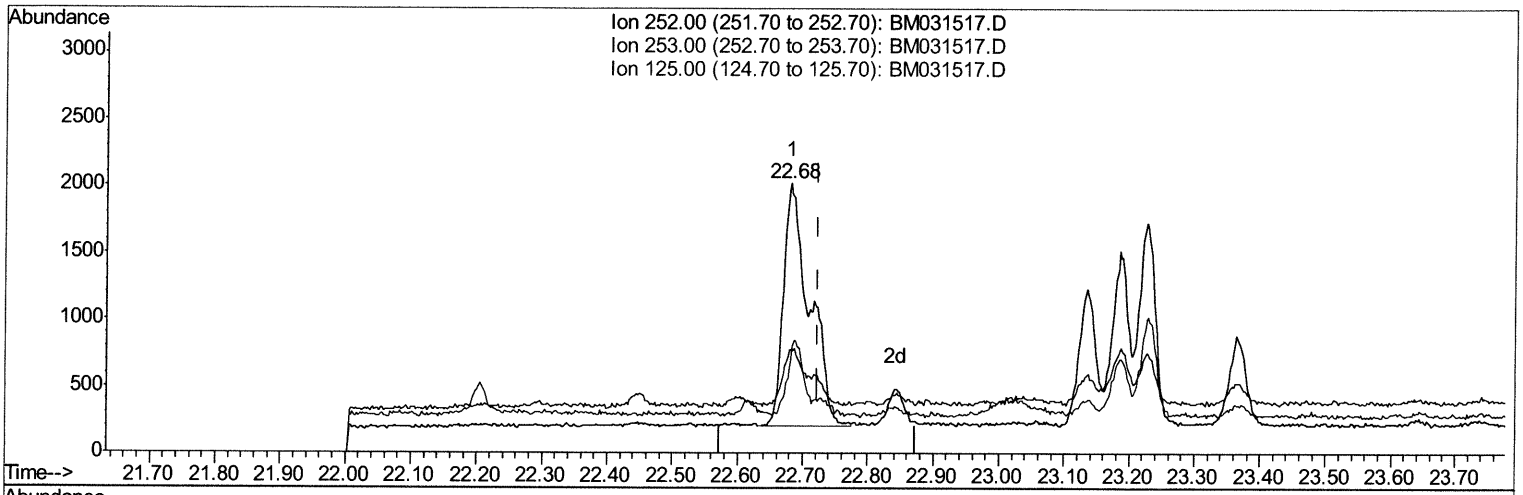
Quantitation Report (Qedit)

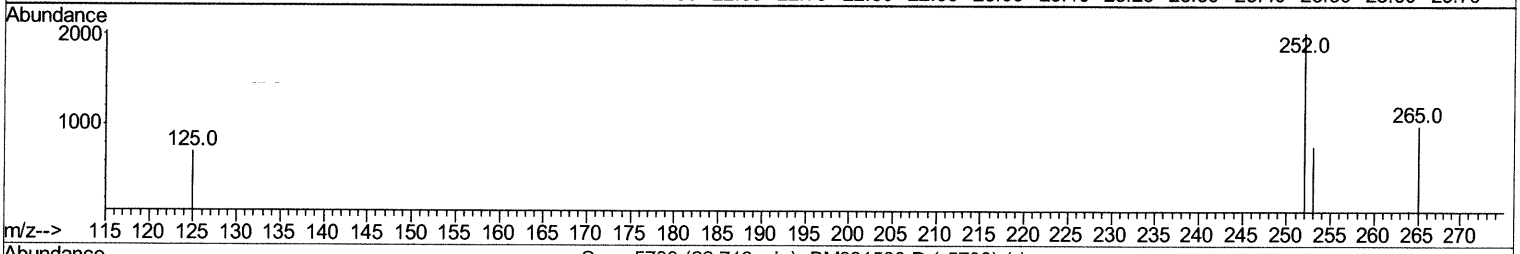
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031517.D
Acq On : 06 Aug 2021 15:55
Operator : CG/JU
Sample : M3162-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

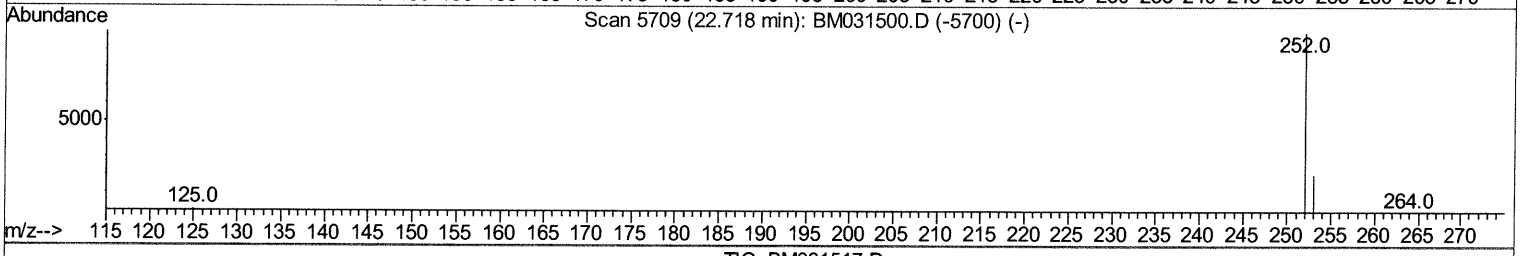
Quant Time: Aug 06 16:25:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGET1

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:20 PM







TIC: BM031517.D

(25) Benzo(k)fluoranthene

22.682min (-0.041) 0.23ng/ul

response 5067

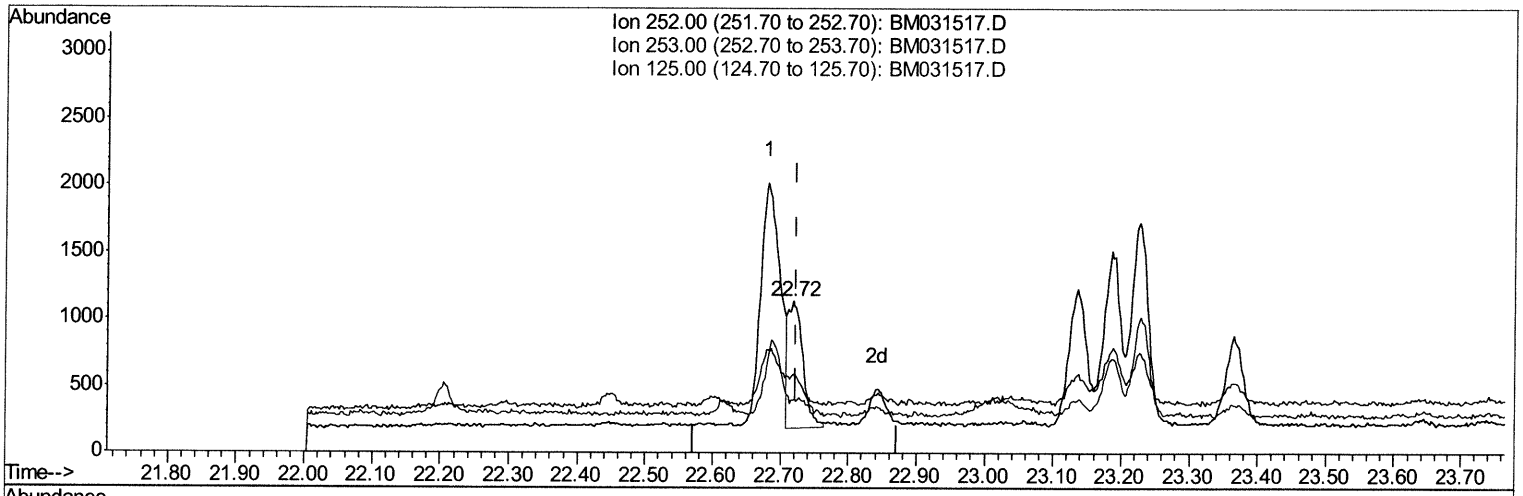
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	38.20#
125.00	11.00	34.69#
0.00	0.00	0.00

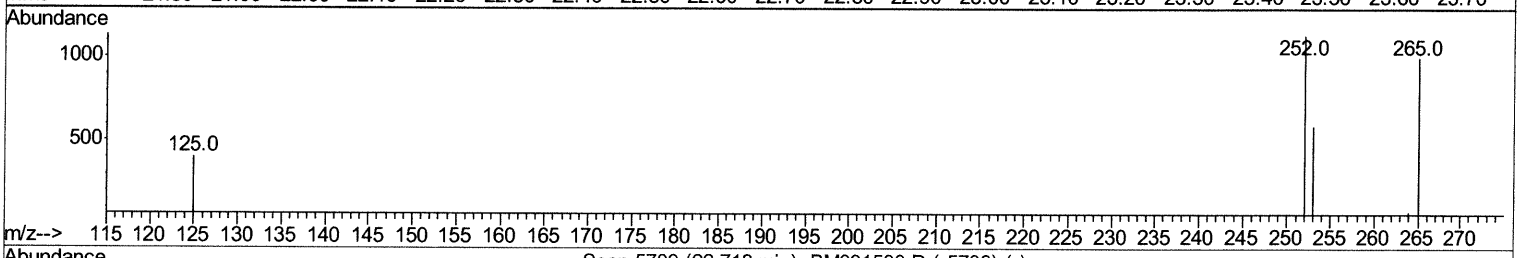
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031517.D
Acq On : 06 Aug 2021 15:55
Operator : CG/JU
Sample : M3162-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

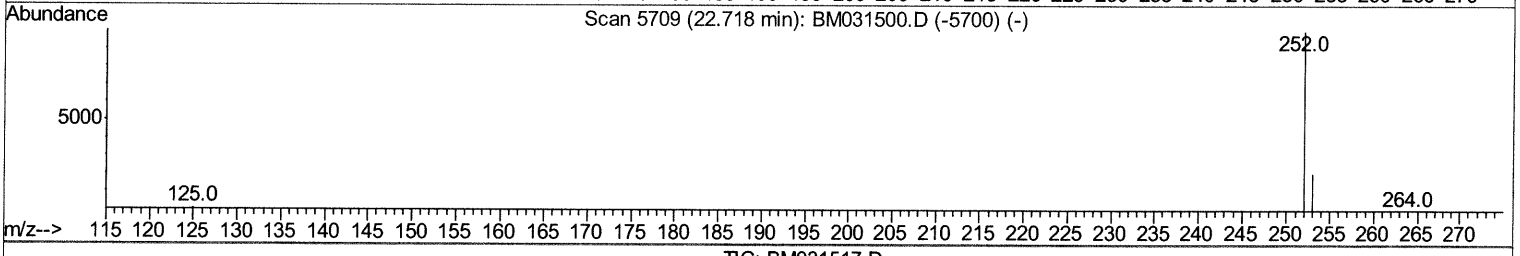
Quant Time: Aug 06 16:25:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGET1

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:20 PM







TIC: BM031517.D

(25) Benzo(k)fluoranthene

22.718min (-0.005) 0.06ng/ul m JES 8/11/21

response 1423

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	51.98#
125.00	11.00	35.15#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031517.D
Acq On : 06 Aug 2021 15:55
Operator : CG/JU
Sample : M3162-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGET1

Manual Integrations APPROVED
mohammad
8/9/2021 12:12:20 PM

Quant Time: Aug 06 16:27:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 11:03:39 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1229	0.40	ng/ul	0.00
4) Naphthalene-d8	10.35	136	4655	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	2948	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.97	188	5492	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4441	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4814	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	9586	7.02	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.94	152	3473	0.44	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	6934	0.47	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	13.94	152	288	0.023	ng/ul#	45
15) Phenanthrene	17.01	178	1609	0.092	ng/ul#	92
16) Anthracene	17.10	178	415	0.025	ng/ul#	66
19) Fluoranthene	19.03	202	4383	0.231	ng/ul#	94
20) Pyrene	19.39	202	4054m	0.211	ng/ul	
21) Benzo(a)anthracene	21.15	228	2220	0.124	ng/ul#	92
22) Chrysene	21.20	228	2657m	0.143	ng/ul	
24) Benzo(b)fluoranthene	22.68	252	3840m	0.177	ng/ul	
25) Benzo(k)fluoranthene	22.72	252	1423m	0.063	ng/ul	
26) Benzo(a)pyrene	23.23	252	2531	0.133	ng/ul#	45
27) Indeno(1,2,3-cd)pyrene	25.46	276	1751	0.071	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.46	278	468	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	26.11	276	1796	0.086	ng/ul#	82

JU 8/11/21

JU 8/11/21

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