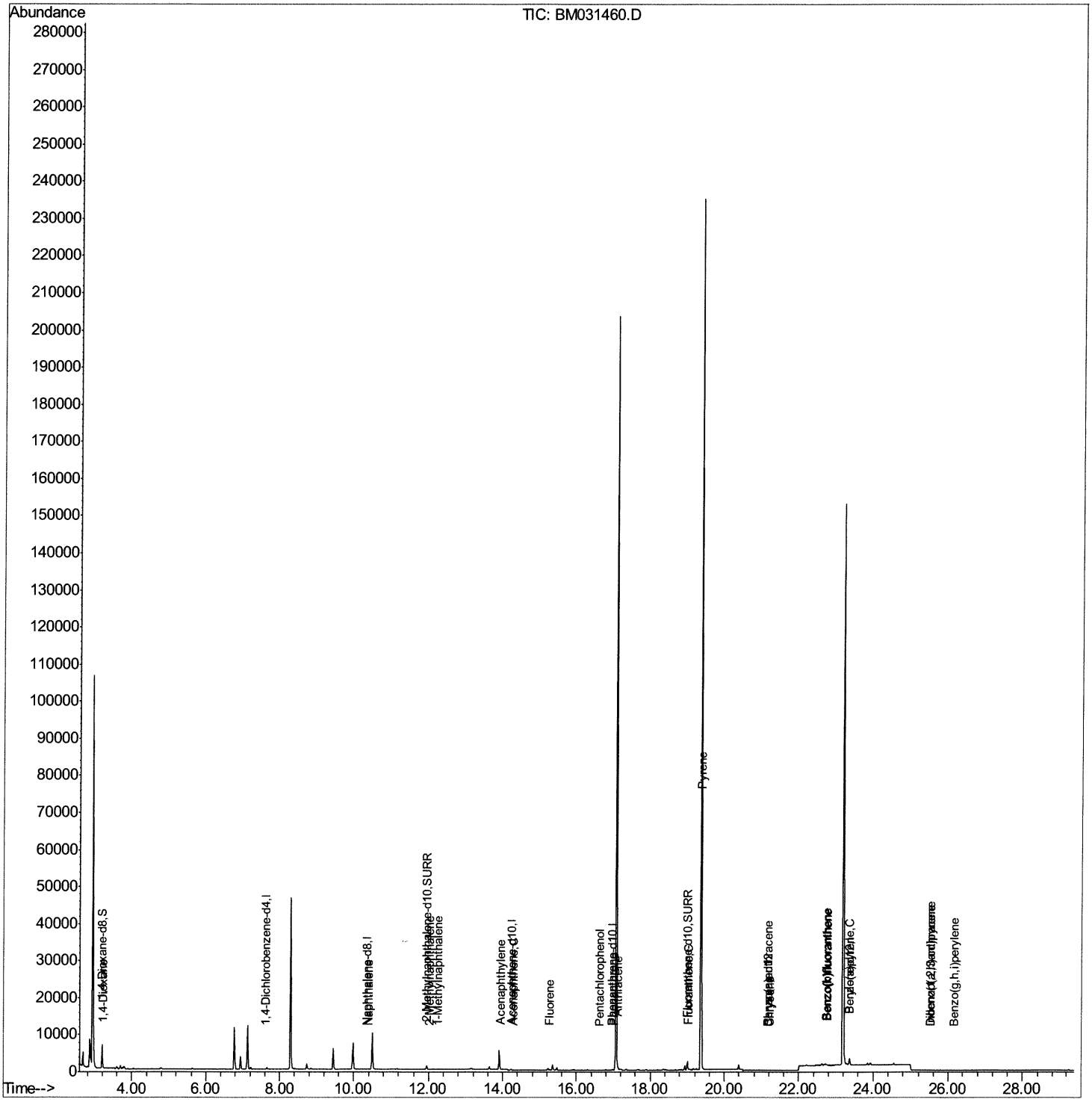
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031460.D
Acq On : 04 Aug 2021 22:52
Operator : CG/JU
Sample : M3141-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 05 01:34:41 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 : Wed Aug 04 12:17:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEP1

Manual Integrations APPROVED
mohammad
8/5/2021 5:04:55 PM

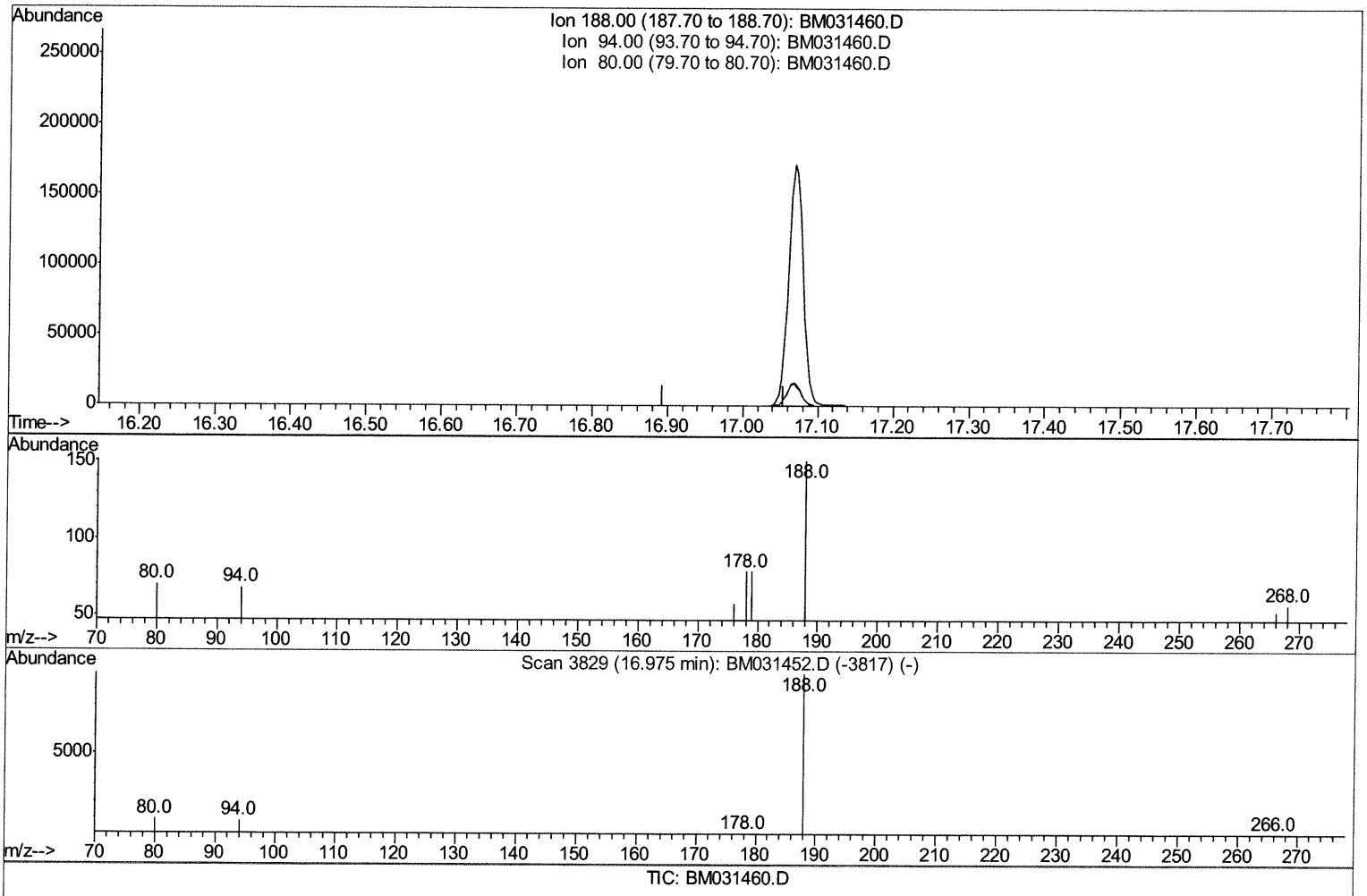


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031460.D
Acq On : 04 Aug 2021 22:52
Operator : CG/JU
Sample : M3141-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 05 01:01:57 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 : Wed Aug 04 12:17:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEP1

Manual Integrations APPROVED
mohammad
8/5/2021 5:04:55 PM



TIC: BM031460.D

(13) Phenanthrene-d10 (I)

16.974min (-16.974) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	7.80	0.00#
80.00	9.50	0.00#
0.00	0.00	0.00

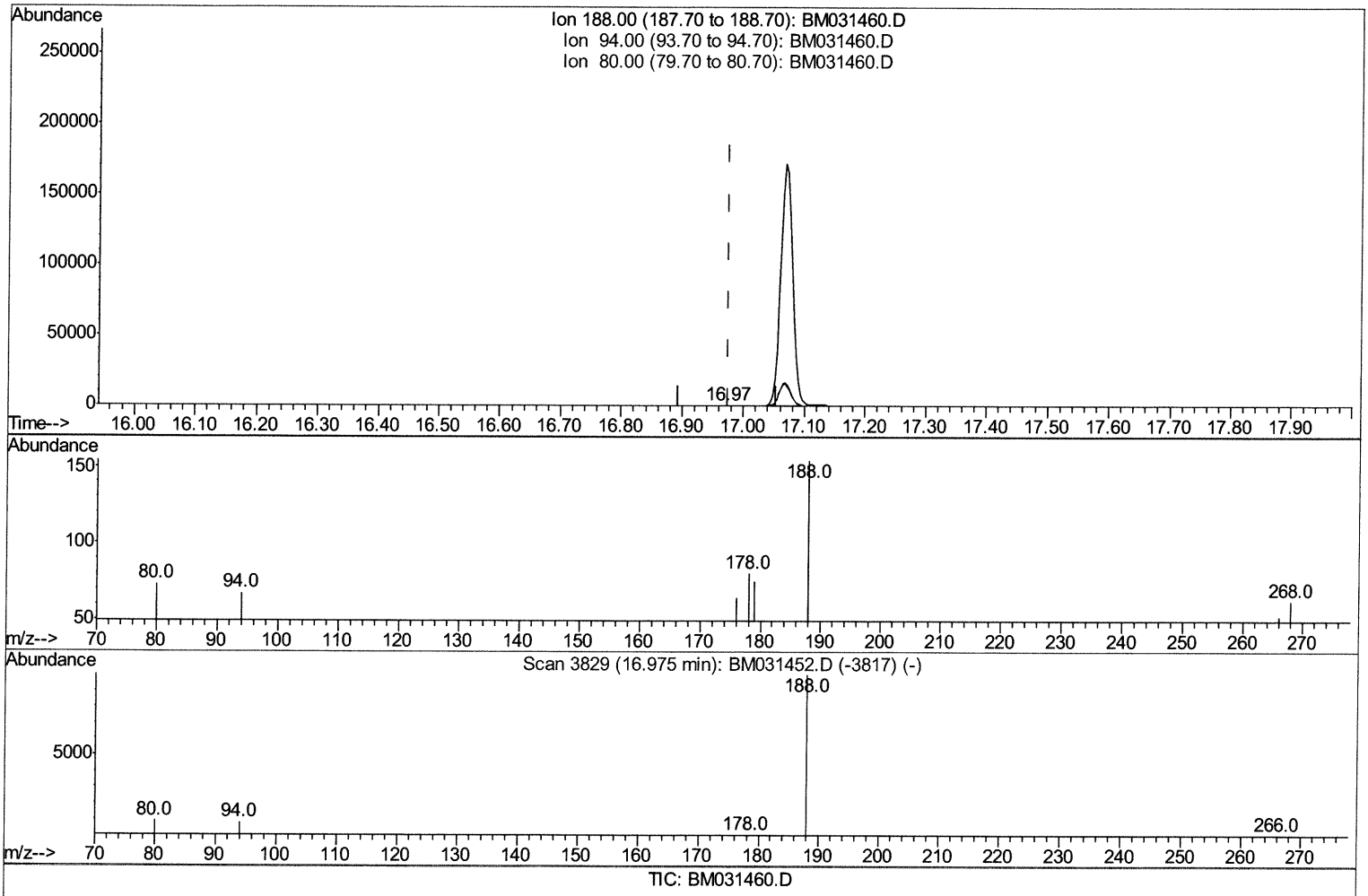
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031460.D
Acq On : 04 Aug 2021 22:52
Operator : CG/JU
Sample : M3141-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 05 01:01:57 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 : Wed Aug 04 12:17:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEP1

Manual Integrations APPROVED
mohammad
8/5/2021 5:04:55 PM



TIC: BM031460.D

(13) Phenanthrene-d10 (I)

16.971min (-0.003) 0.40ng/ul m 08/06/21 JU

response 154

Ion	Exp%	Act%
188.00	100	100
94.00	7.80	43.51#
80.00	9.50	47.40#
0.00	0.00	0.00

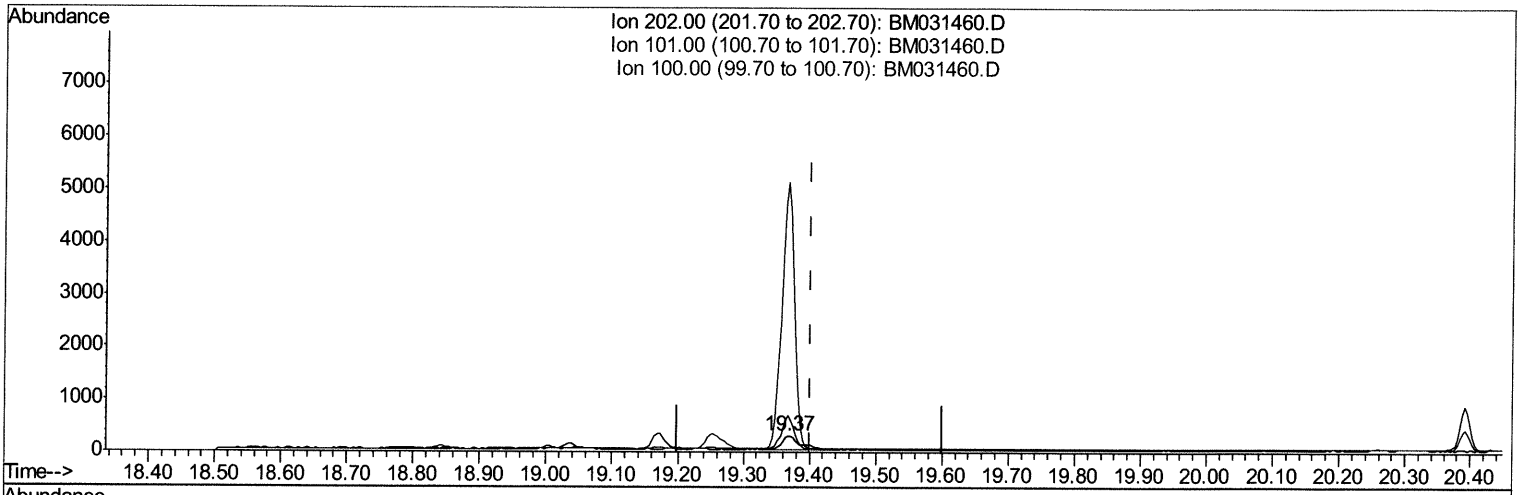
Quantitation Report (Qedit)

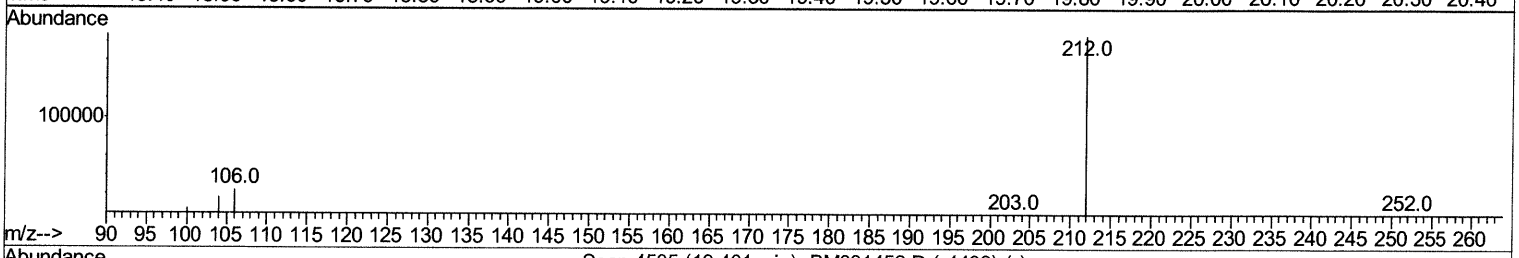
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031460.D
Acq On : 04 Aug 2021 22:52
Operator : CG/JU
Sample : M3141-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

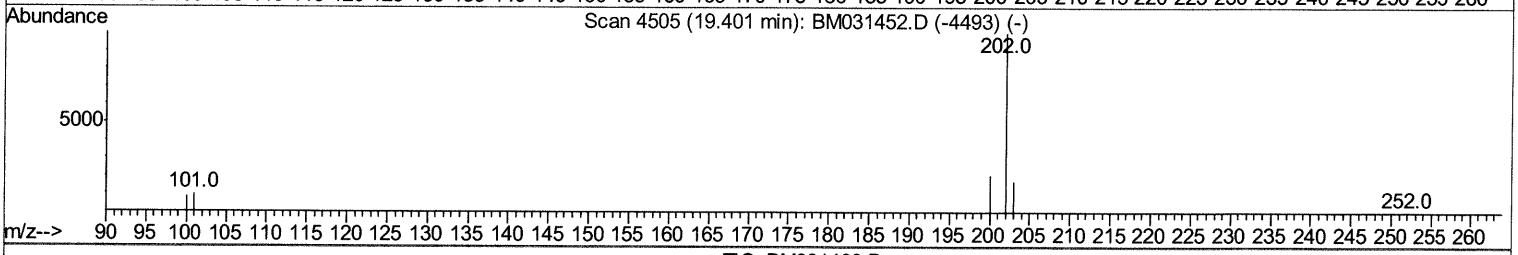
Quant Time: Aug 05 01:30:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 12:17:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEP1

Manual Integrations APPROVED
mohammad
8/5/2021 5:04:55 PM







TIC: BM031460.D

(20) Pyrene

19.367min (-0.034) 1.68ng/ul

response 487

Ion	Exp%	Act%
202.00	100	100
101.00	9.70	219.37#
100.00	8.30	1631.75#
0.00	0.00	0.00

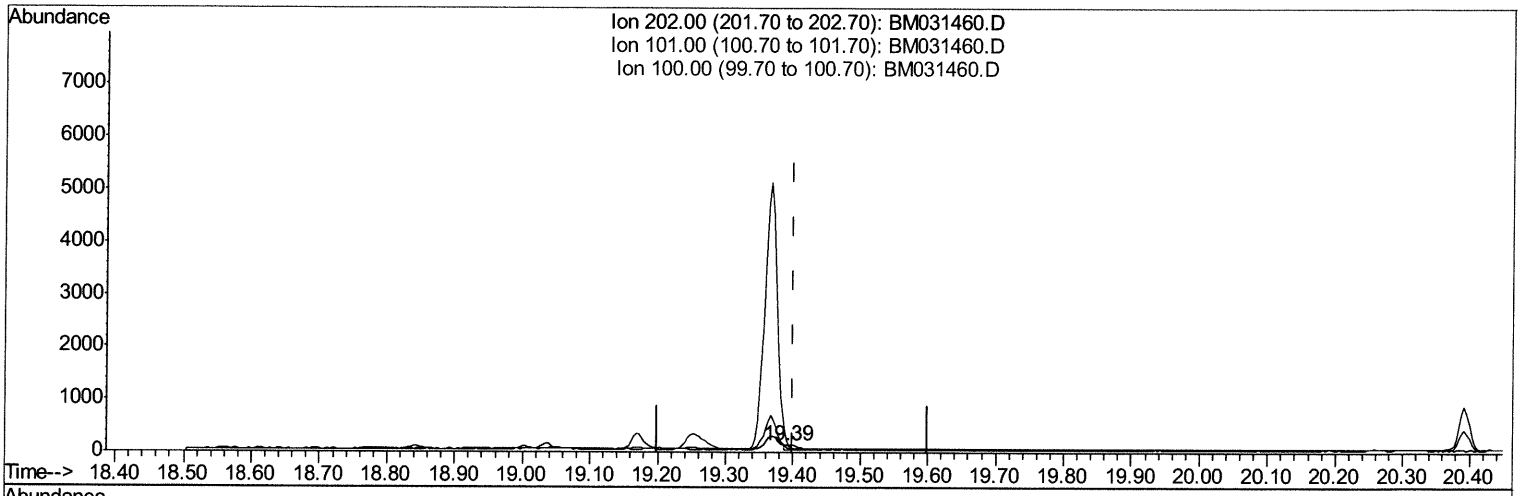
Quantitation Report (Qedit)

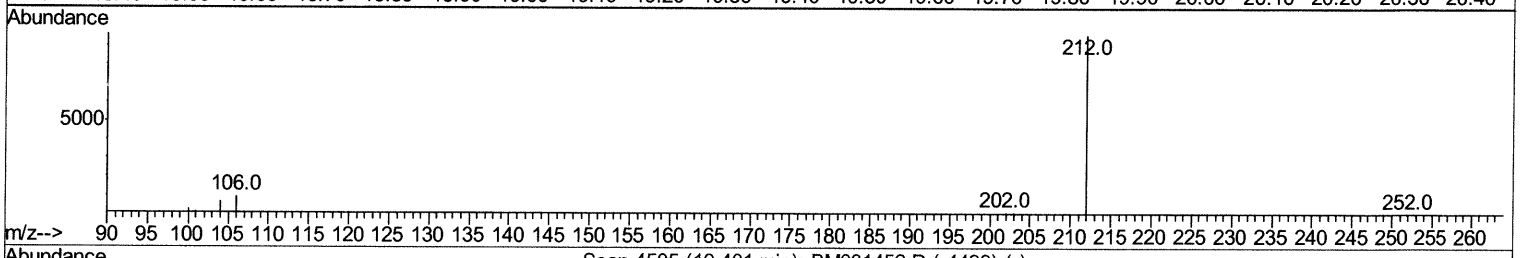
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031460.D
Acq On : 04 Aug 2021 22:52
Operator : CG/JU
Sample : M3141-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

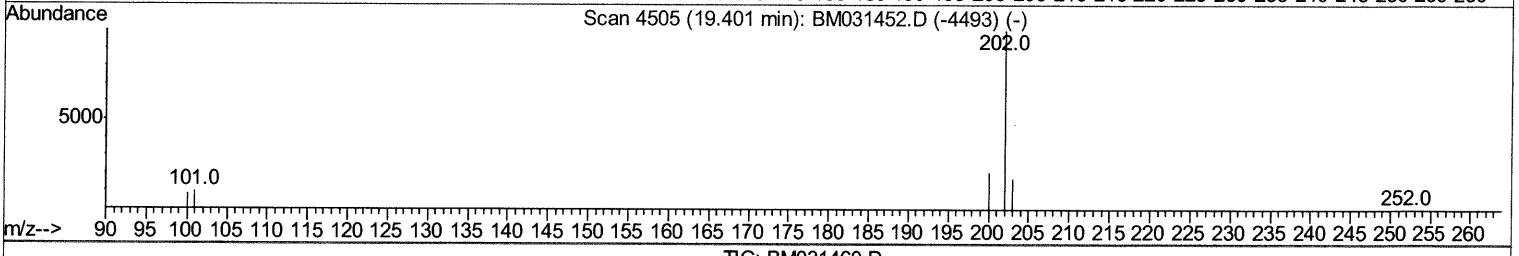
Quant Time: Aug 05 01:30:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 12:17:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEP1

Manual Integrations APPROVED
mohammad
8/5/2021 5:04:55 PM







TIC: BM031460.D

(20) Pyrene

19.390min (-0.011) 0.51ng/ul m 08/06/21 JO

response 147

Ion	Exp%	Act%
202.00	100	100
101.00	9.70	71.43#
100.00	8.30	164.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031460.D
Acq On : 04 Aug 2021 22:52
Operator : CG/JU
Sample : M3141-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 05 01:32:23 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 : Wed Aug 04 12:17:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEP1

Manual Integrations APPROVED
mohammad
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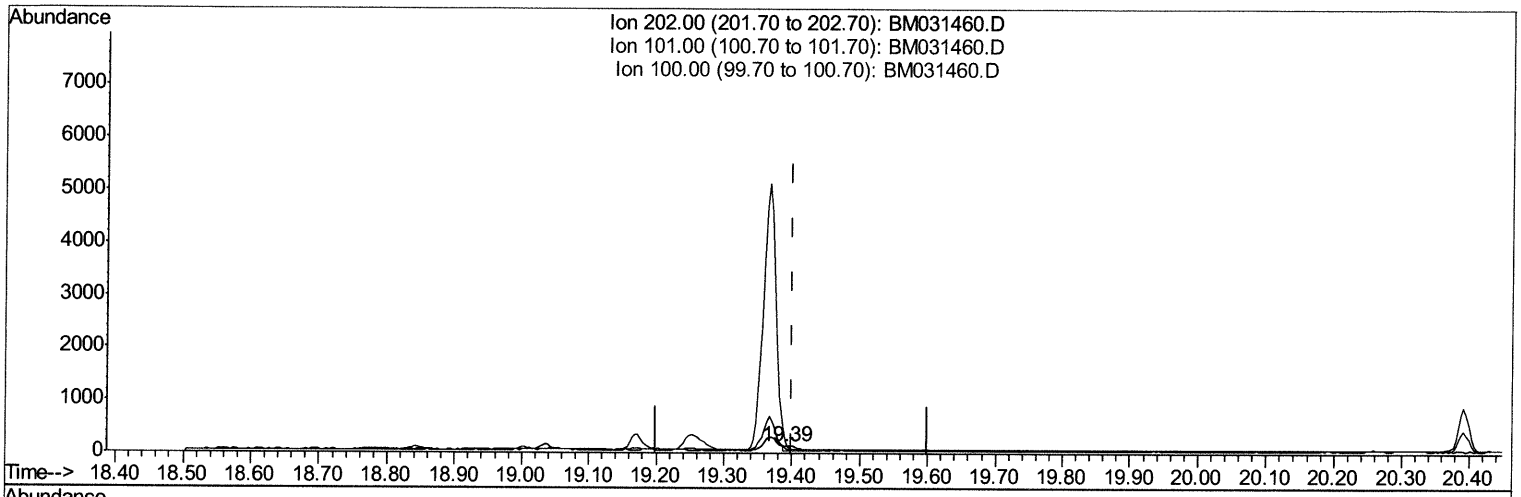

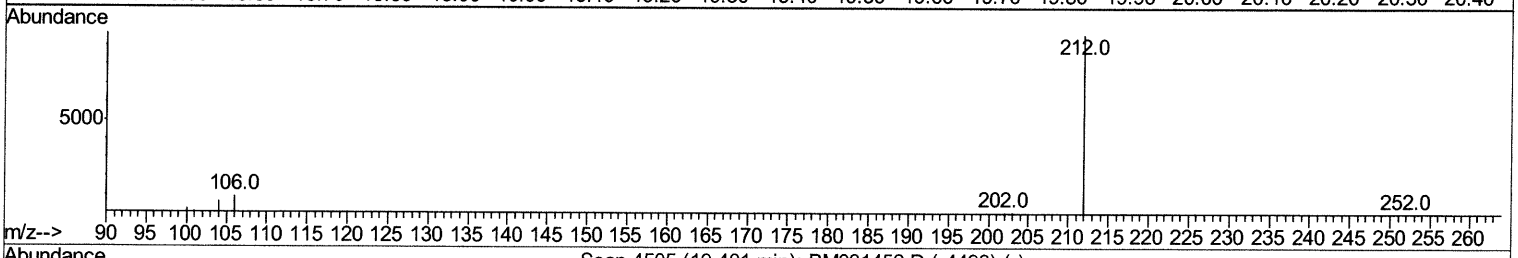

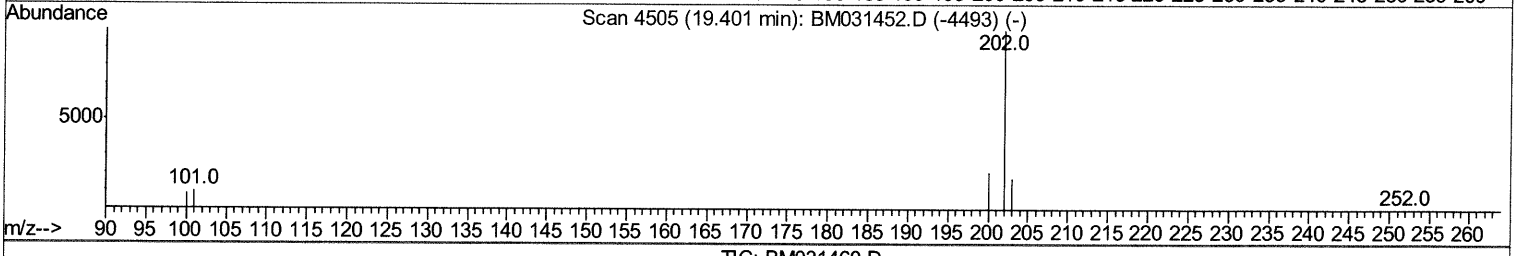

TIC: BM031460.D

(20) Pyrene

19.390min (-0.011) 0.51ng/ul m 08/06/21 JU

response 147

Ion	Exp%	Act%
202.00	100	100
101.00	9.70	71.43#
100.00	8.30	164.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031460.D
Acq On : 04 Aug 2021 22:52
Operator : CG/JU
Sample : M3141-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 05 01:32:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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QLast Update : Wed Aug 04 12:17:22 2021
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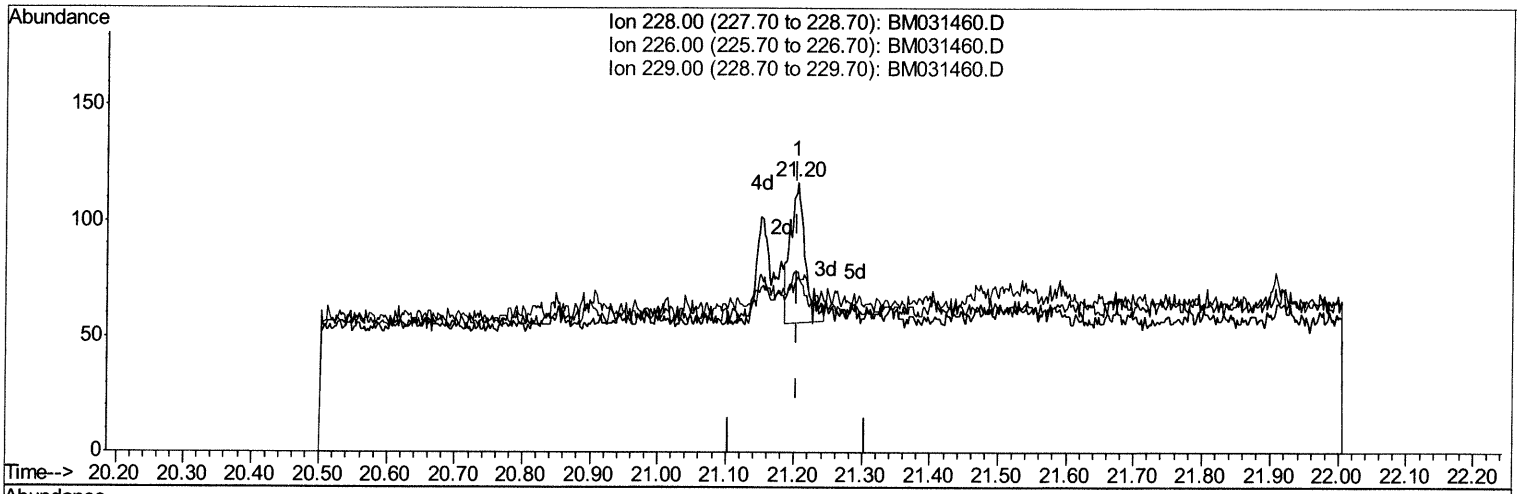
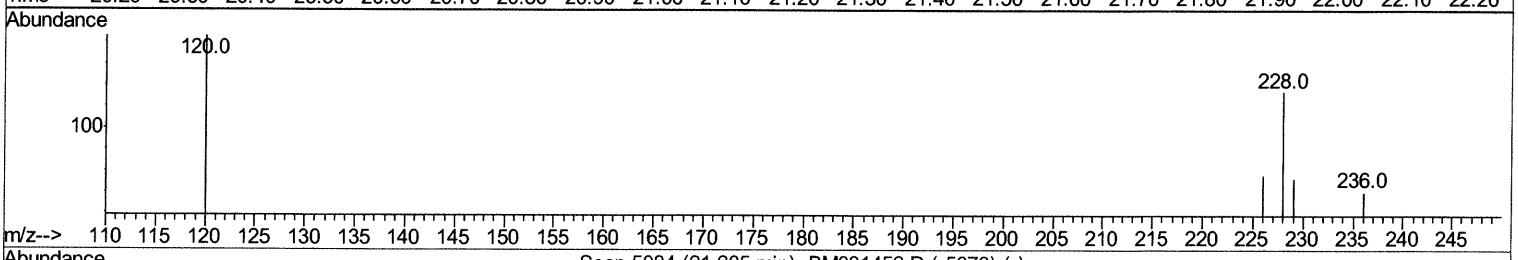
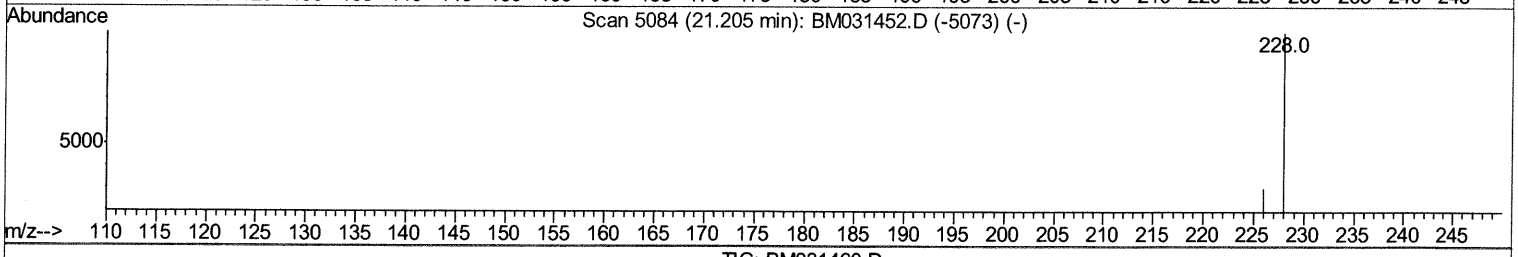
Instrument :
BNA_M
ClientSampleId :
BGEP1

Manual Integrations APPROVED
mohammad
8/5/2021 5:04:55 PM







TIC: BM031460.D

(22) Chrysene

21.205min (+0.000) 0.33ng/ul

response 92

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	66.67#
229.00	20.20	64.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031460.D
Acq On : 04 Aug 2021 22:52
Operator : CG/JU
Sample : M3141-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 05 01:32:23 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 : Wed Aug 04 12:17:22 2021
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Instrument :
BNA_M
ClientSampleId :
BGEP1

Manual Integrations APPROVED
mohammad
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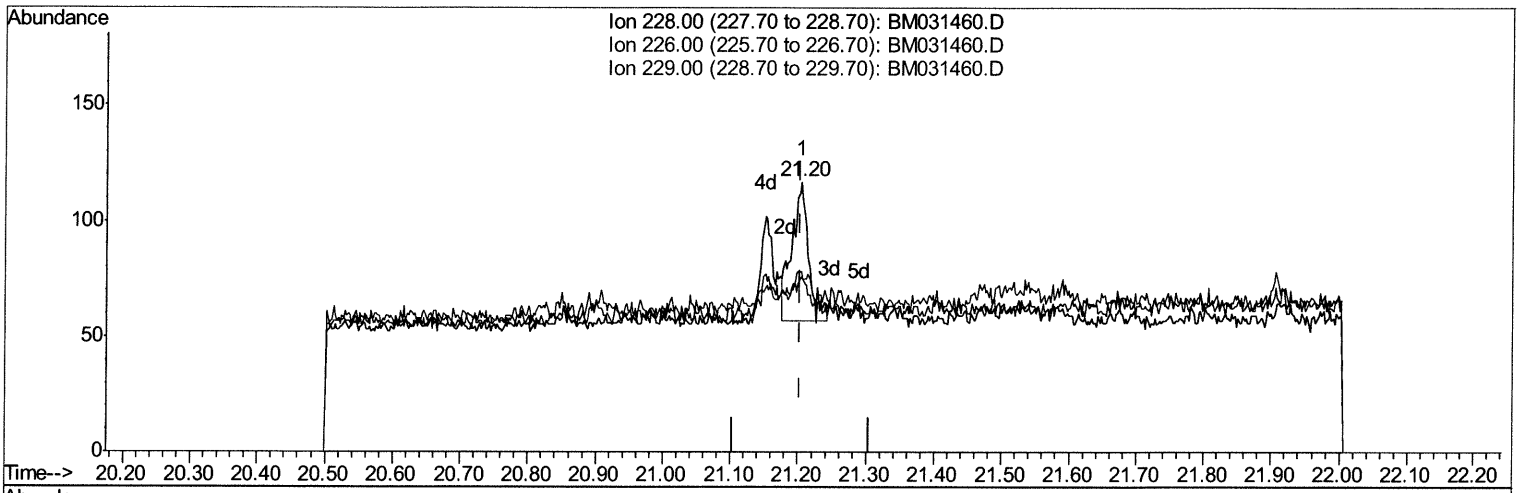

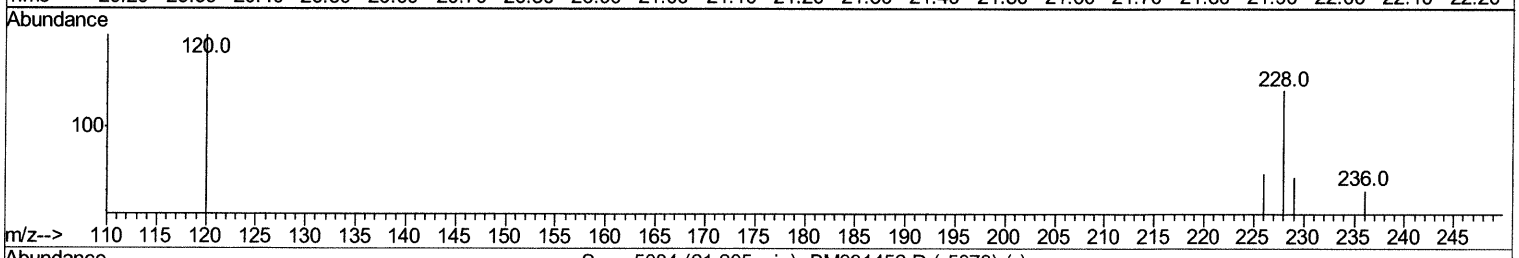

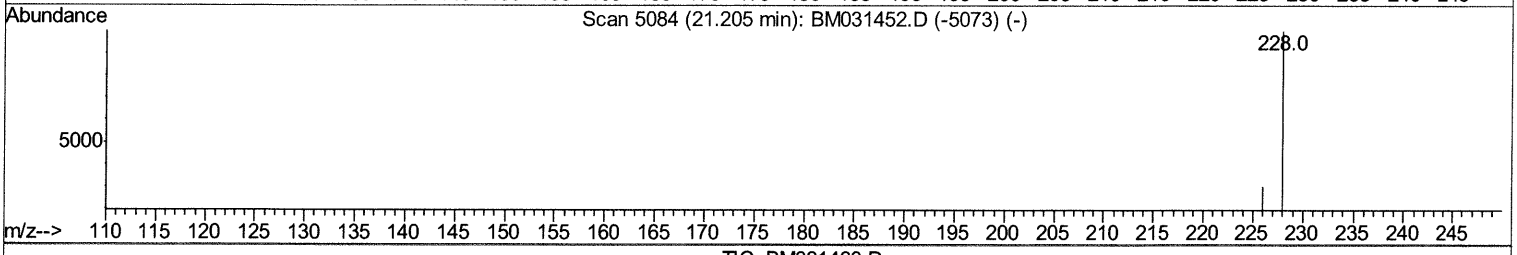

TIC: BM031460.D

(22) Chrysene

21.205min (+0.000) 0.37ng/ul m 08/06/2021

response 104

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	66.67#
229.00	20.20	64.96#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031460.D
Acq On : 04 Aug 2021 22:52
Operator : CG/JU
Sample : M3141-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGEP1

Manual Integrations APPROVED
mohammad
8/5/2021 5:04:55 PM

Quant Time: Aug 05 01:34:41 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 : Wed Aug 04 12:17:22 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2	0.40	ng/ul	0.01
4) Naphthalene-d8	10.36	136	29	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	146	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.97	188	154m	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	67	0.40	ng/ul	0.00
23) Perylene-d12	23.37	264	8	0.40	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	4078	1835.92	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.95	152	1304	26.68	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	2661	11.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	21	9.358	ng/ul#	61
5) Naphthalene	10.40	128	106	1.227	ng/ul#	7
7) 2-Methylnaphthalene	12.02	142	26	0.441	ng/ul	97
8) 1-Methylnaphthalene	12.25	142	22	0.377	ng/ul	89
10) Acenaphthylene	13.95	152	27	0.043	ng/ul#	1
11) Acenaphthene	14.28	153	13	0.025	ng/ul#	71
12) Fluorene	15.28	166	38	0.063	ng/ul#	69
14) Pentachlorophenol	16.63	266	8	0.162	ng/ul#	59
15) Phenanthrene	17.02	178	172	0.352	ng/ul#	45
16) Anthracene	17.11	178	41	0.090	ng/ul#	1
19) Fluoranthene	19.04	202	159	0.556	ng/ul#	1
20) Pyrene	19.39	202	147m	0.507	ng/ul	1
21) Benzo(a)anthracene	21.15	228	70	0.259	ng/ul#	1
22) Chrysene	21.20	228	104m	0.372	ng/ul	1
24) Benzo(b)fluoranthene	22.73	252	66	1.831	ng/ul#	1
25) Benzo(k)fluoranthene	22.77	252	12	0.322	ng/ul#	1
26) Benzo(a)pyrene	23.36	252	2405	76.189	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.53	276	3	0.074	ng/ul#	57
28) Dibenzo(a,h)anthracene	25.54	278	1	0.030	ng/ul#	1
29) Benzo(g,h,i)perylene	26.17	276	2	0.057	ng/ul#	1

08/06/21 JU

08/06/21 JU

08/06/21 JU

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