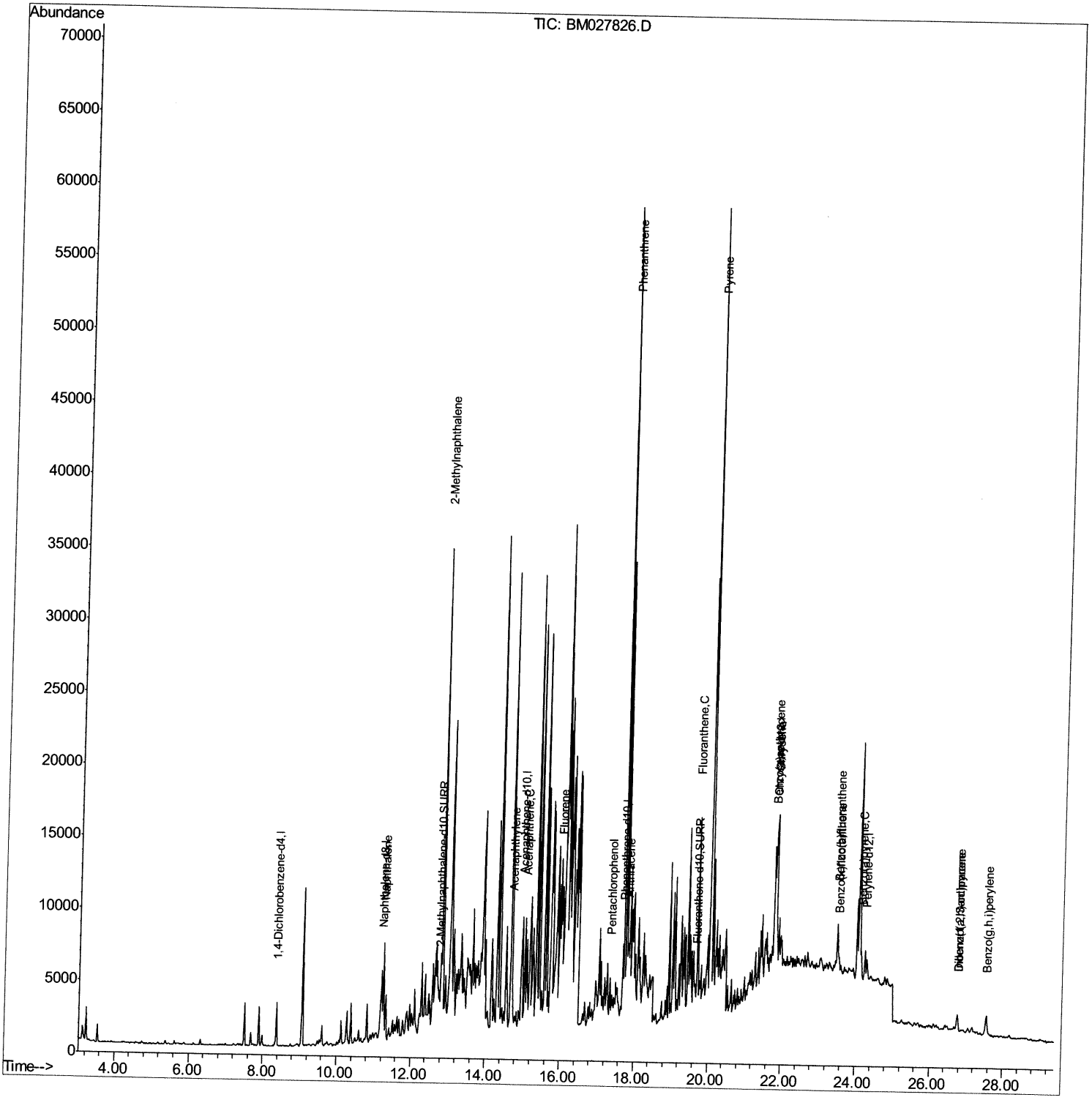
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
Data File : BM027826.D
Acq On : 17 Nov 2020 20:15
Operator : JU/CG
Sample : L4762-12DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 18 01:15:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
mohammad
11/19/2020 10:33:33 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
Data File : BM027826.D
Acq On : 17 Nov 2020 20:15
Operator : JU/CG
Sample : L4762-12DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 18 01:12:35 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
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Instrument :
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ClientSampleId :
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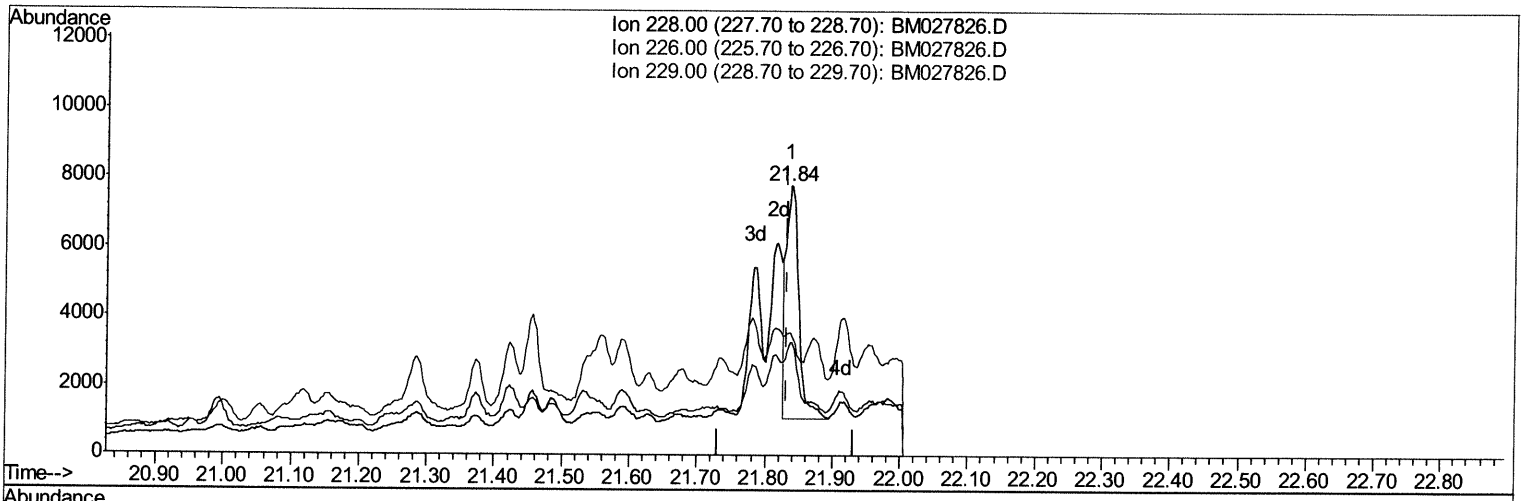
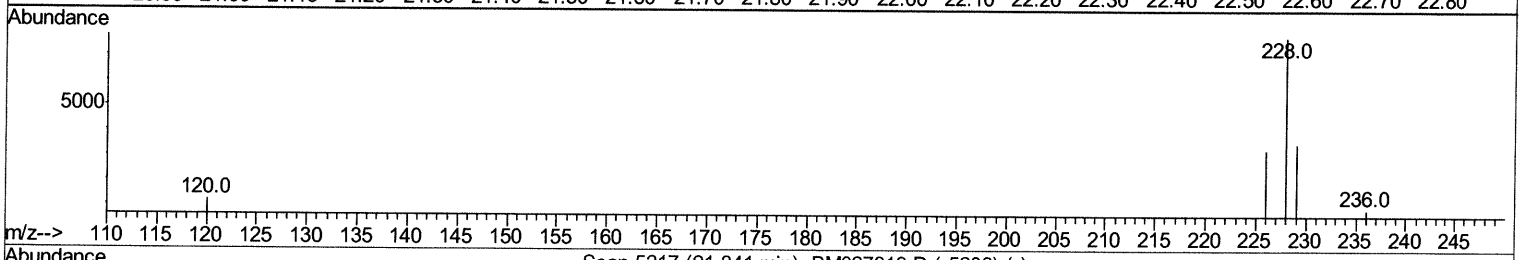
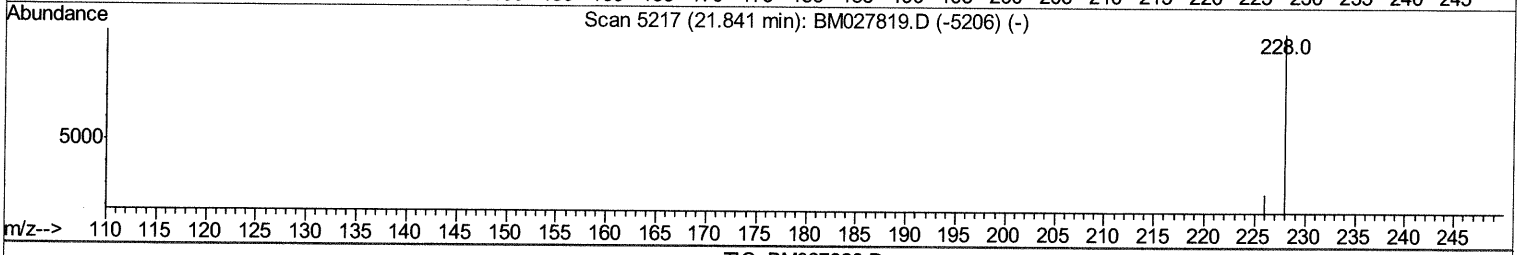
Manual Integrations APPROVED
mohammad
11/19/2020 10:33:33 AM







TIC: BM027826.D

(19) Chrysene

21.837min (+0.005) 0.70ng/ul

response 8397

Ion	Exp%	Act%
228.00	100	100
226.00	30.20	41.89#
229.00	21.00	45.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
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Acq On : 17 Nov 2020 20:15
Operator : JU/CG
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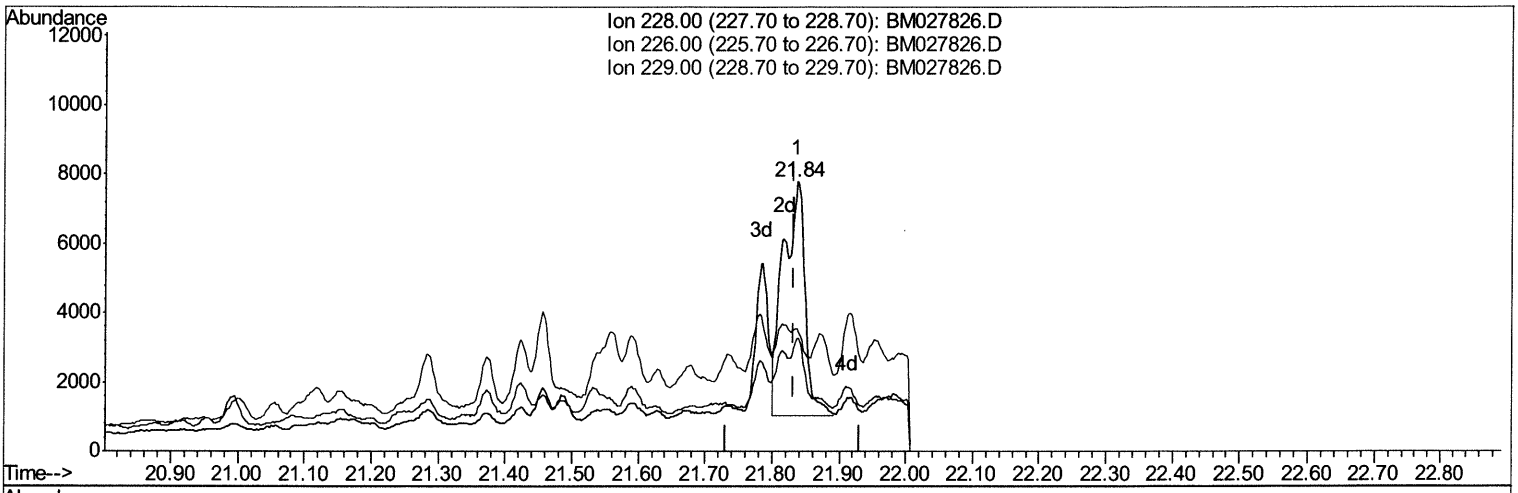
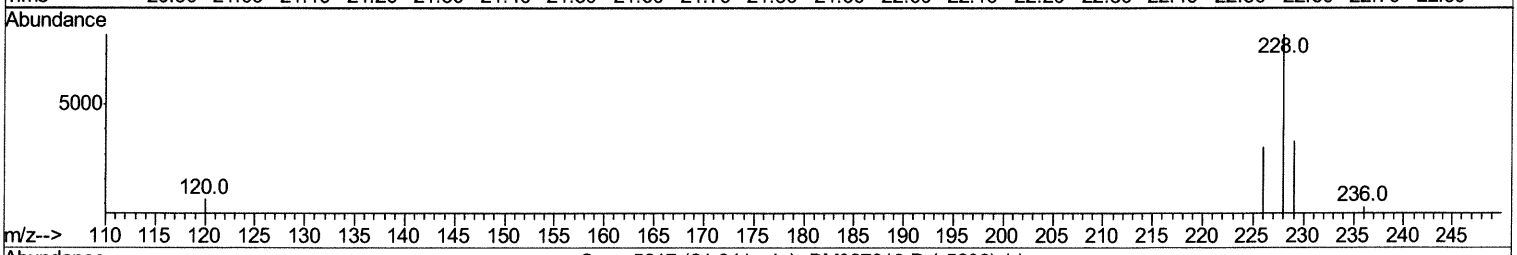
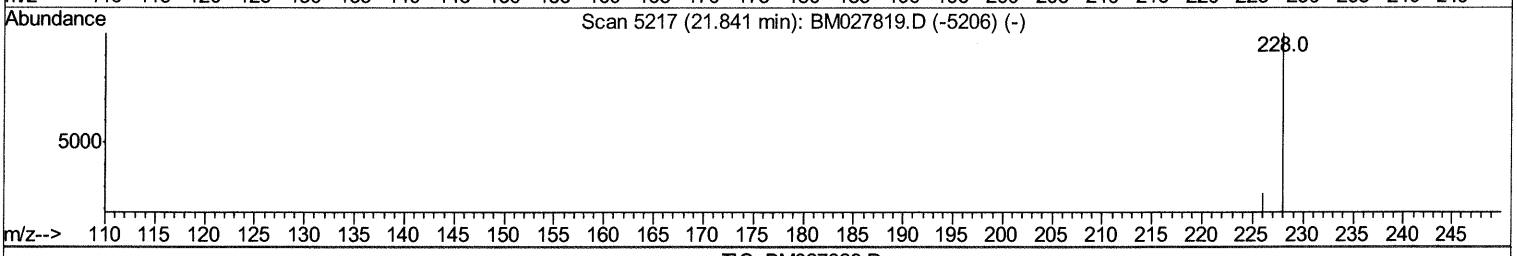
Instrument :
BNA_M
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
mohammad
11/19/2020 10:33:33 AM







TIC: BM027826.D

(19) Chrysene

21.837min (+0.005) 1.27ng/ul m 12/03/20 JU

response 15194

Ion	Exp%	Act%
228.00	100	100
226.00	30.20	41.89#
229.00	21.00	45.54#
0.00	0.00	0.00

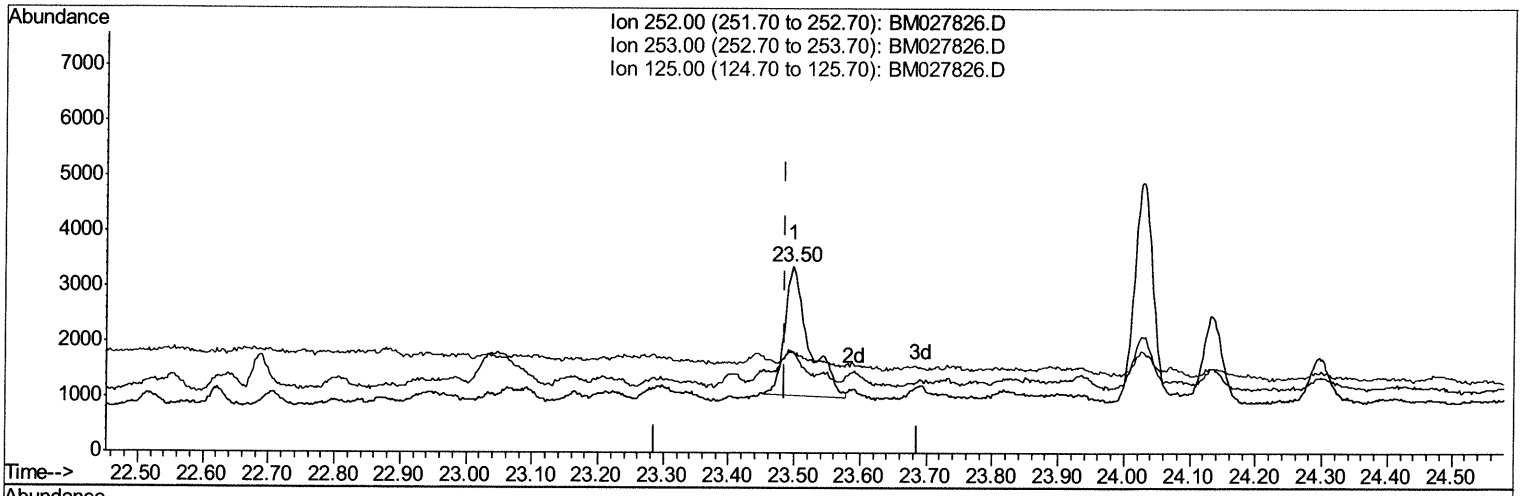
Quantitation Report (Qedit)

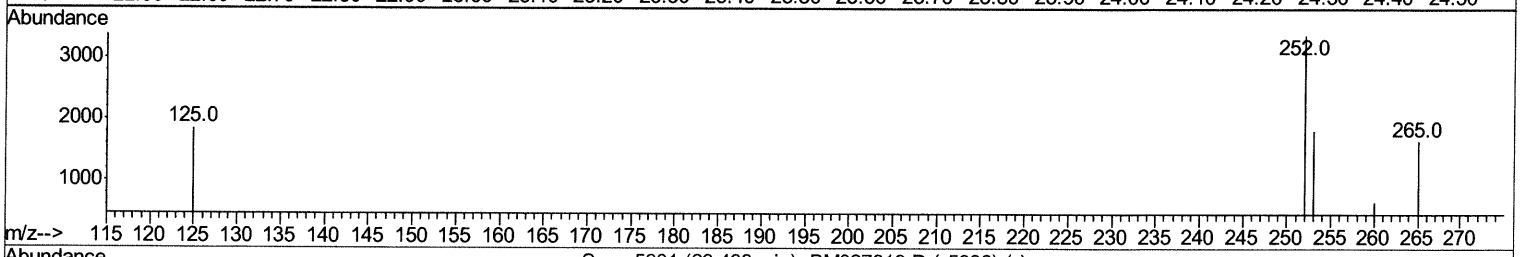
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
Data File : BM027826.D
Acq On : 17 Nov 2020 20:15
Operator : JU/CG
Sample : L4762-12DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

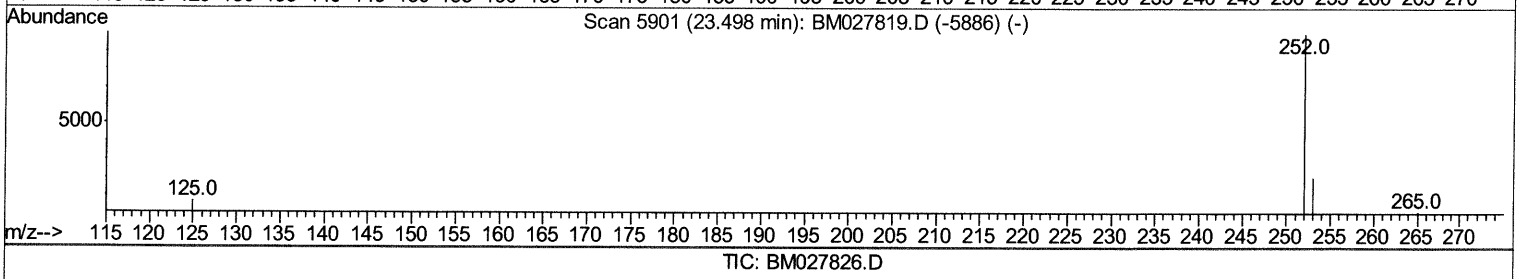
Quant Time: Nov 18 01:12:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
mohammad
11/19/2020 10:33:33 AM







(21) Benzo(b)fluoranthene

23.499min (+0.012) 0.48ng/ul

response 6028

Ion	Exp%	Act%
252.00	100	100
253.00	26.10	53.83#
125.00	8.80	54.86#
0.00	0.00	0.00

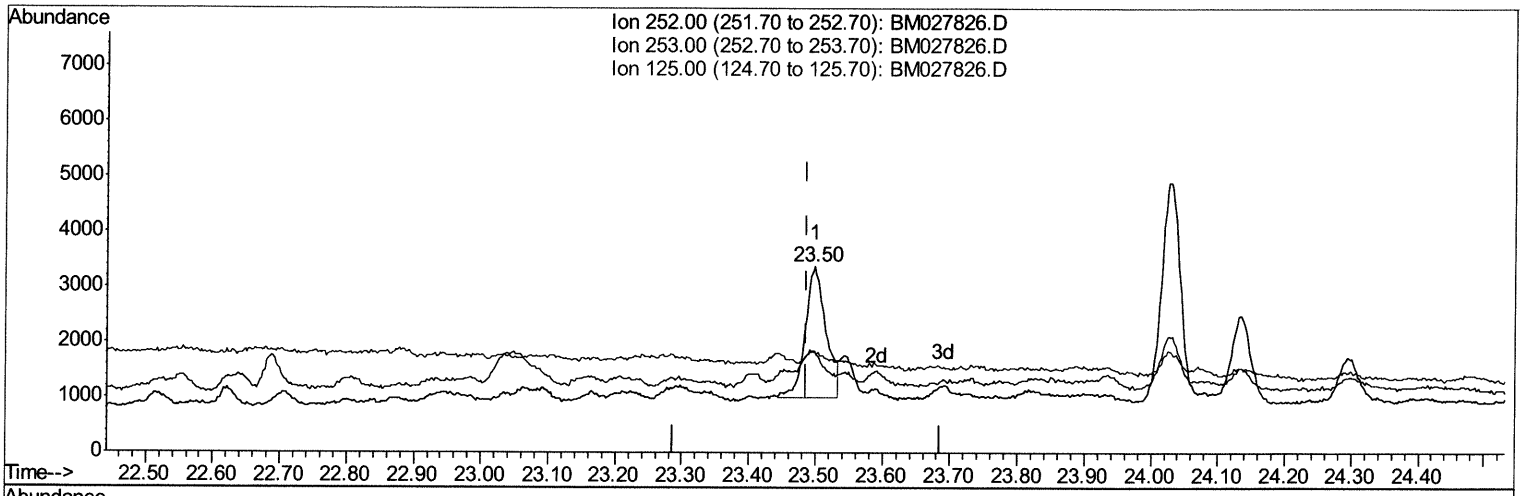
Quantitation Report (Qedit)

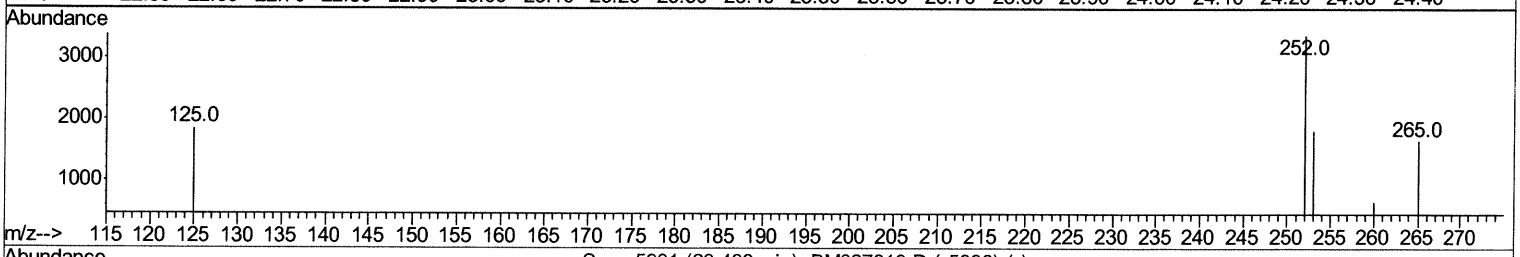
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
Data File : BM027826.D
Acq On : 17 Nov 2020 20:15
Operator : JU/CG
Sample : L4762-12DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

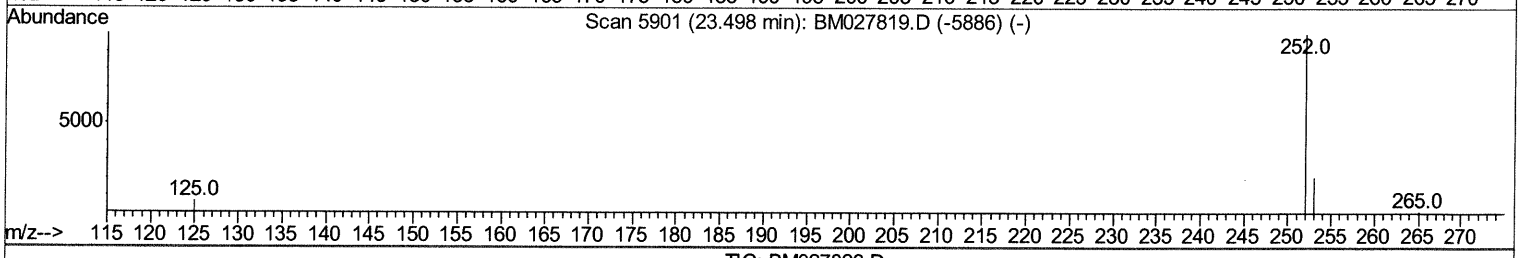
Quant Time: Nov 18 01:12:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
mohammad
11/19/2020 10:33:33 AM







TIC: BM027826.D

(21) Benzo(b)fluoranthene

23.499min (+0.012) 0.42ng/ul m 12/03/20 JU

response 5179

Ion	Exp%	Act%
252.00	100	100
253.00	26.10	53.83#
125.00	8.80	54.86#
0.00	0.00	0.00

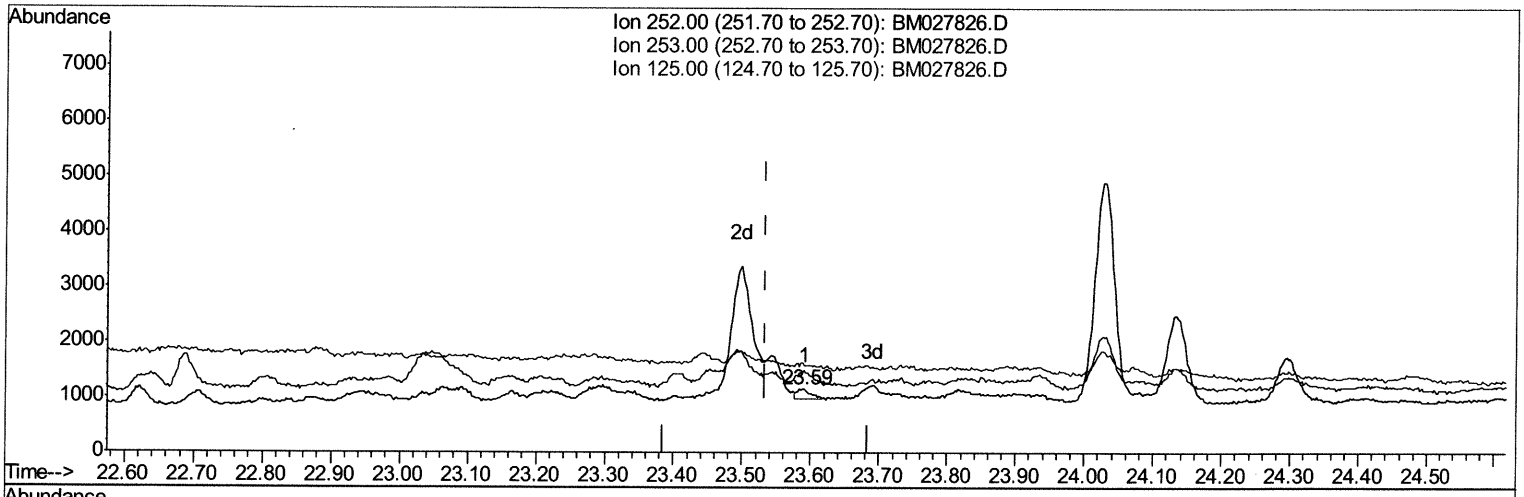
Quantitation Report (Qedit)

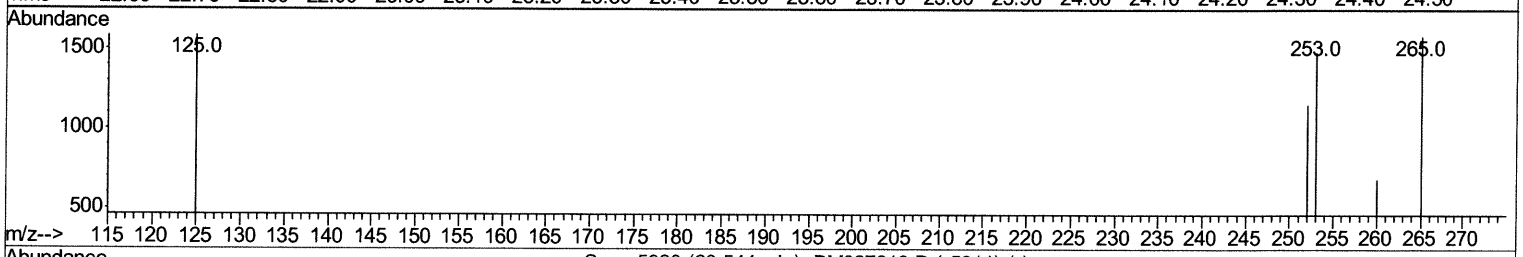
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
Data File : BM027826.D
Acq On : 17 Nov 2020 20:15
Operator : JU/CG
Sample : L4762-12DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

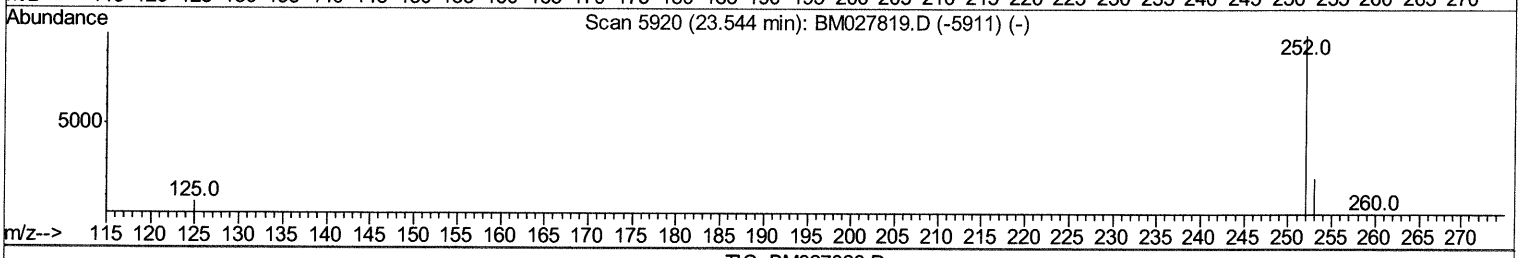
Quant Time: Nov 18 01:12:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
mohammad
11/19/2020 10:33:33 AM







TIC: BM027826.D

(22) Benzo(k)fluoranthene

23.591min (+0.056) 0.02ng/ul

response 252

Ion	Exp%	Act%
252.00	100	100
253.00	25.50	129.08#
125.00	8.70	137.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

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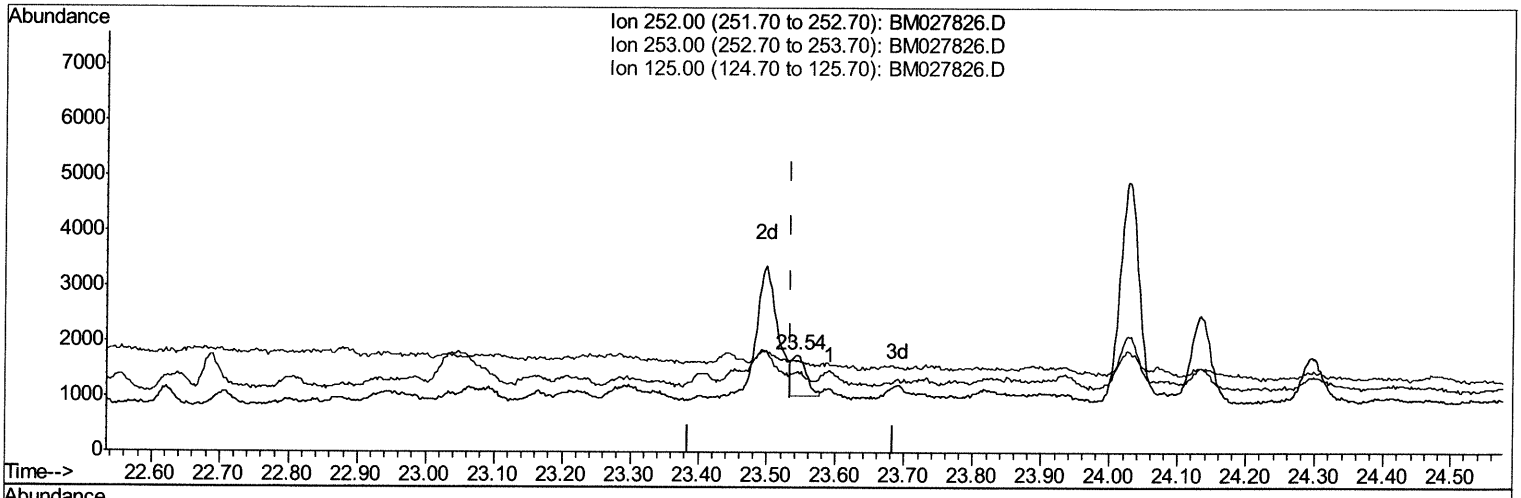
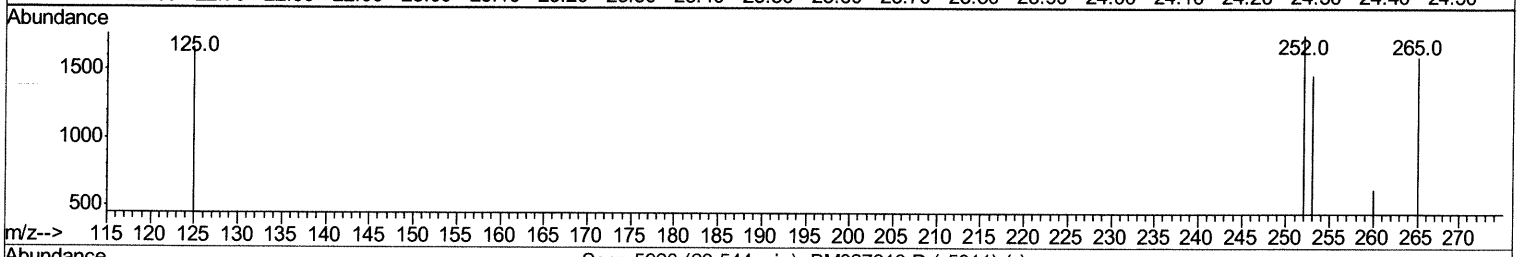
Data File : BM027826.D
Acq On : 17 Nov 2020 20:15
Operator : JU/CG
Sample : L4762-12DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

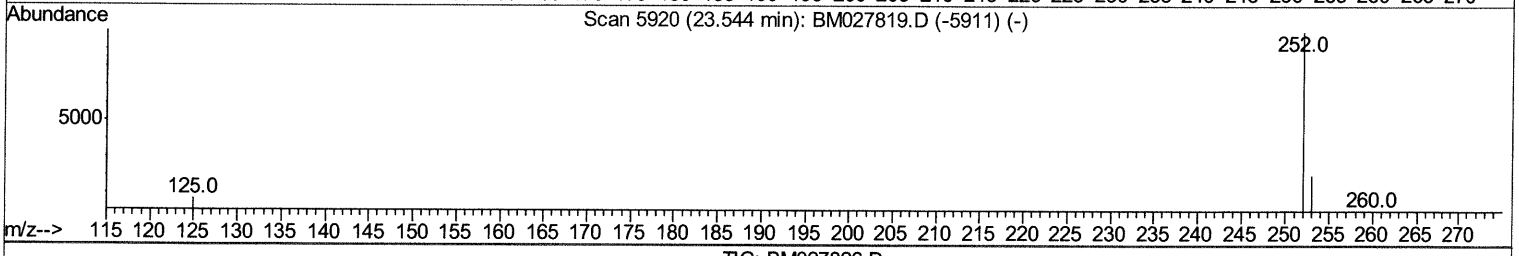
Quant Time: Nov 18 01:12:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
mohammad
11/19/2020 10:33:33 AM







TIC: BM027826.D

(22) Benzo(k)fluoranthene

23.545min (+0.010) 0.09ng/ul m 12/03/20 JU

response 1098

Ion	Exp%	Act%
252.00	100	100
253.00	25.50	82.96#
125.00	8.70	94.32#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM027826.D
Acq On : 17 Nov 2020 20:15
Operator : JU/CG
Sample : L4762-12DL 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8DL

Manual Integrations APPROVED
mohammad
11/19/2020 10:33:33 AM

Quant Time: Nov 18 01:15:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1431	0.40	ng/ul	0.00
2) Naphthalene-d8	11.22	136	5388	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	2951	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	4386	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	2939	0.40	ng/ul	0.00
20) Perylene-d12	24.24	264	2726	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.77	152	478	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	479	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.26	128	7312	0.425	ng/ul#	93
5) 2-Methylnaphthalene	12.85	142	20670	1.726	ng/ul	97
7) Acenaphthylene	14.71	152	2199	0.151	ng/ul#	7
8) Acenaphthene	15.05	153	4302	0.387	ng/ul#	74
9) Fluorene	16.02	166	4091	0.306	ng/ul#	71
11) Pentachlorophenol	17.35	266	47	0.030	ng/ul	94
12) Phenanthrene	17.74	178	55776	3.906	ng/ul	98
13) Anthracene	17.83	178	5341	0.384	ng/ul#	74
15) Fluoranthene	19.71	202	11219	0.686	ng/ul	89
17) Pyrene	20.07	202	45245	3.471	ng/ul#	91
18) Benzo(a)anthracene	21.78	228	5887	0.501	ng/ul#	30
19) Chrysene	21.84	228	15194m	1.270	ng/ul	
21) Benzo(b)fluoranthene	23.50	252	5179m	0.415	ng/ul	12/03/2020
22) Benzo(k)fluoranthene	23.54	252	1098m	0.090	ng/ul	
23) Benzo(a)pyrene	24.13	252	3253	0.297	ng/ul#	12
24) Indeno(1,2,3-cd)pyrene	26.76	276	1860	0.149	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.75	278	844	0.081	ng/ul#	1
26) Benzo(g,h,i)perylene	27.55	276	2917	0.276	ng/ul#	57

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