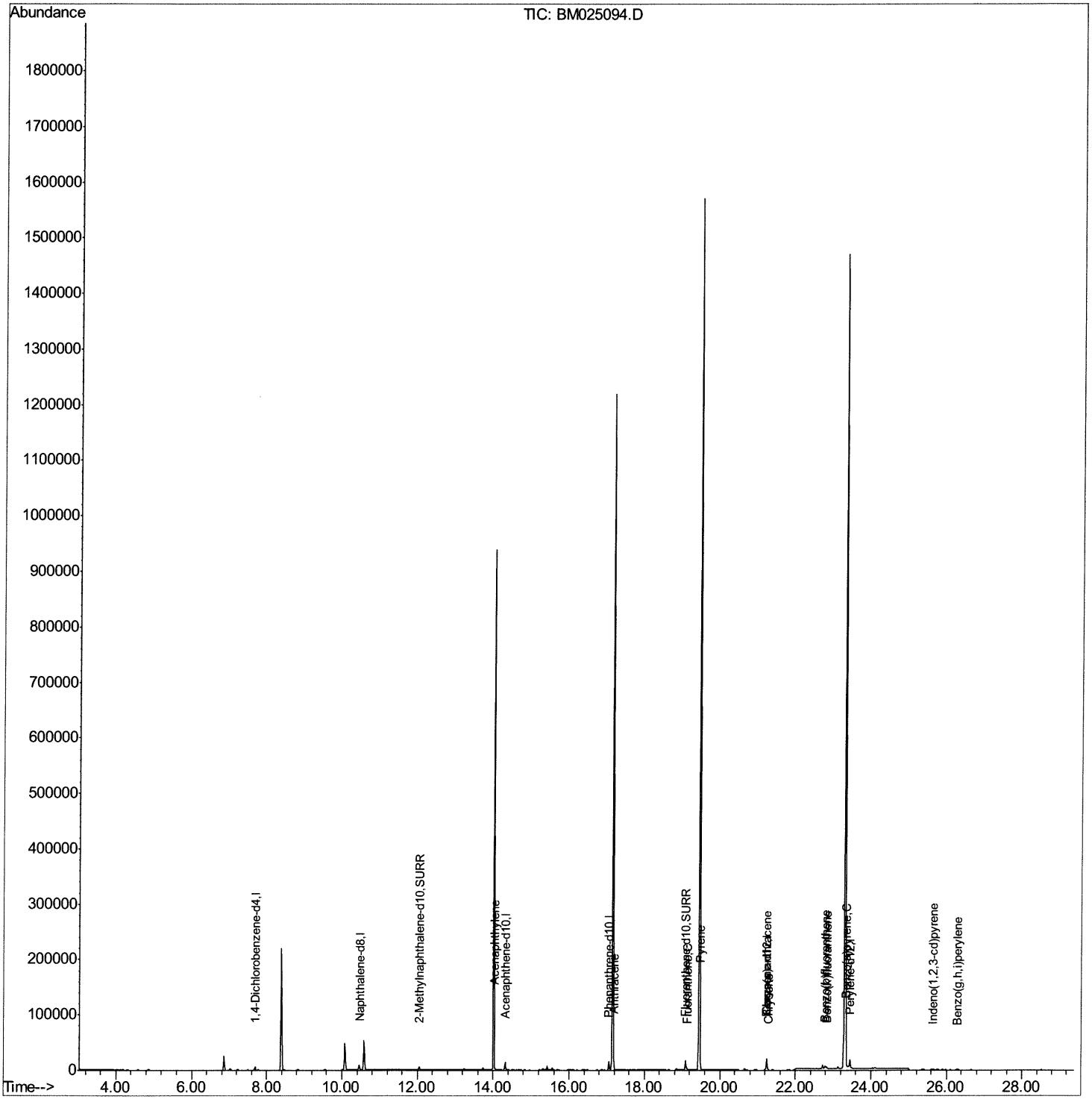
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022520\
Data File : BM025094.D
Acq On : 27 Feb 2020 00:41
Operator : CG/JU
Sample : L1506-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Feb 27 06:08:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 27 05:28:30 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBCZ2

Manual Integrations APPROVED
mohammad
2/27/2020 5:01:26 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022520\
Data File : BM025094.D
Acq On : 27 Feb 2020 00:41
Operator : CG/JU
Sample : L1506-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Feb 27 06:04:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 27 05:28:30 2020
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ClientSampleId :
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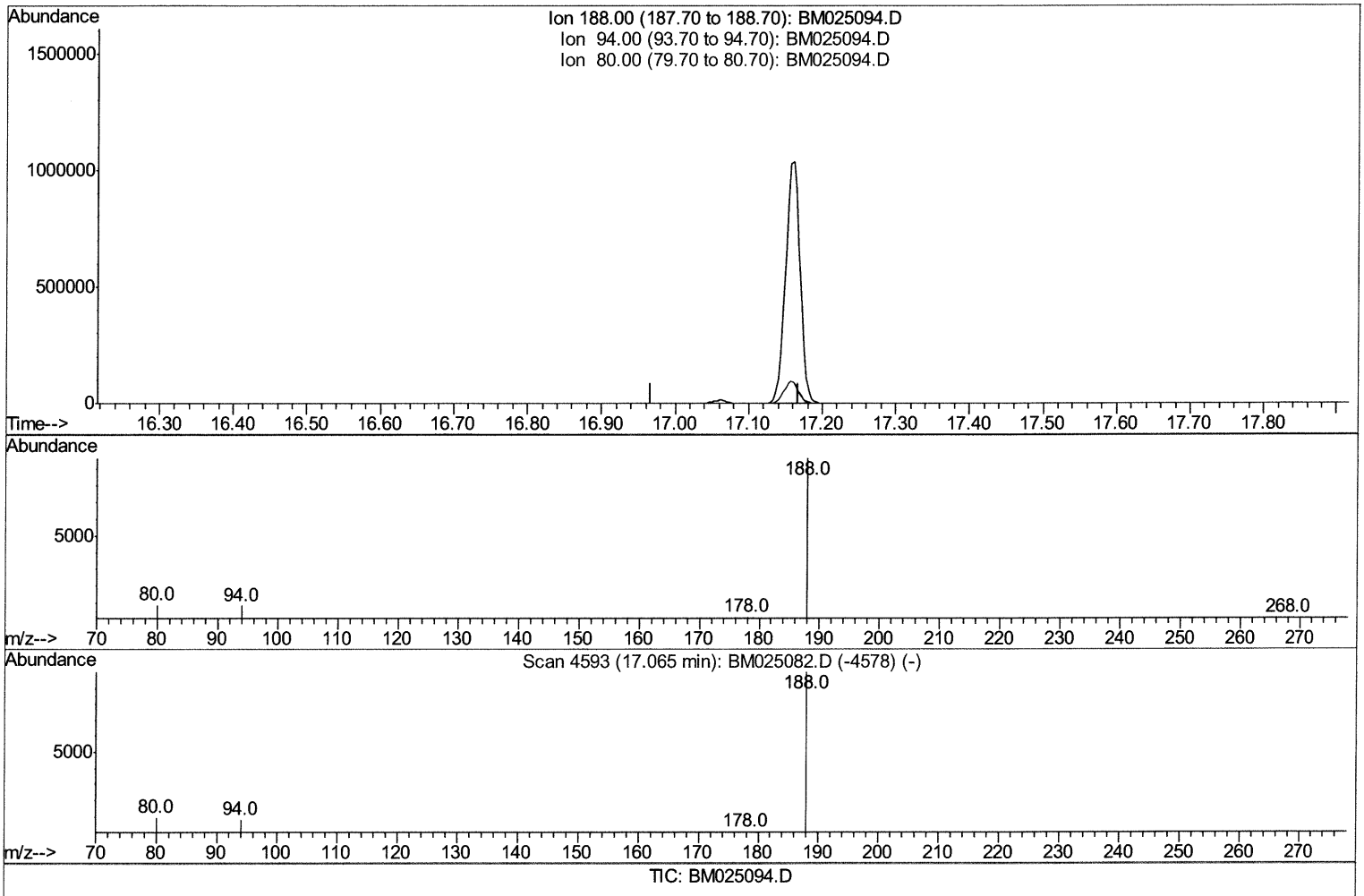
Manual Integrations APPROVED
mohammad
2/27/2020 5:01:26 PM



TIC: BM025094.D

(10) Phenanthrene-d10 (I)

17.068min (-17.068) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	26.60	0.00#
80.00	22.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 58 Sample Multiplier: 1

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ClientSampleId :
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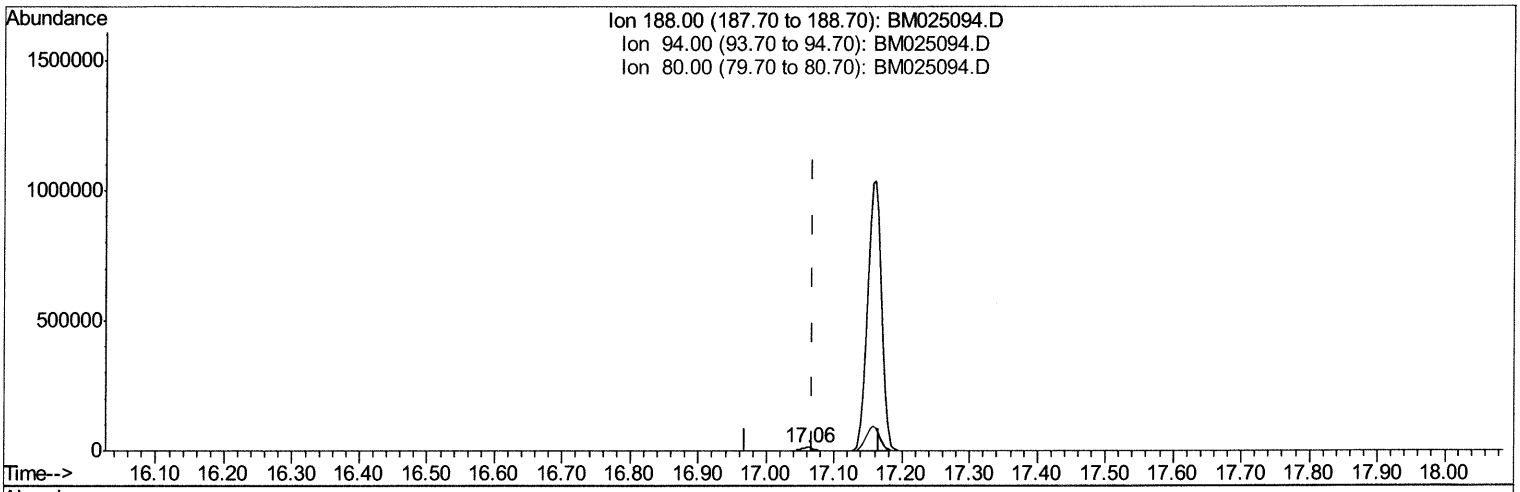
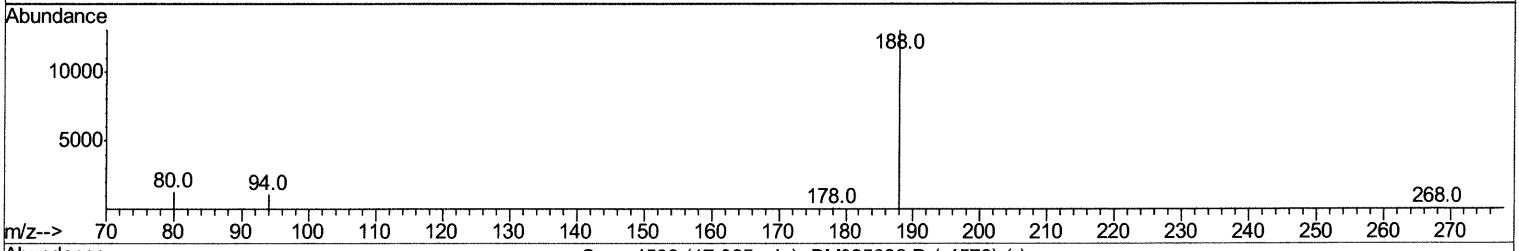
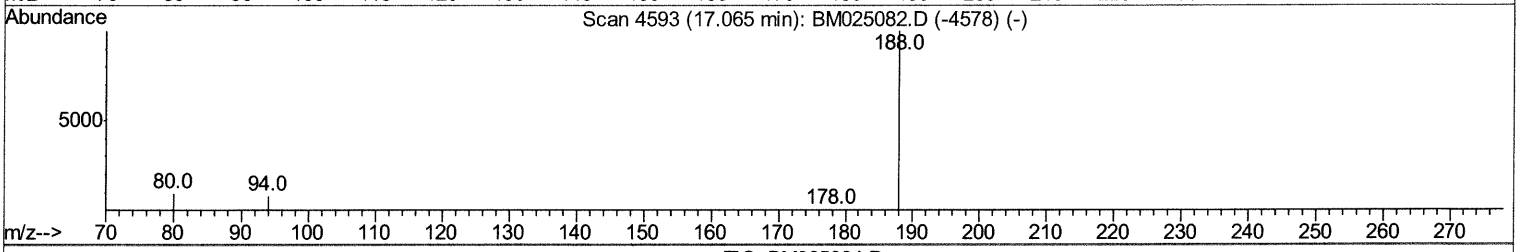
Manual Integrations APPROVED
mohammad
2/27/2020 5:01:26 PM







TIC: BM025094.D

(10) Phenanthrene-d10 (I)

17.060min (-0.008) 0.40ng/ul m JU 03/02/20

response 17270

Ion	Exp%	Act%
188.00	100	100
94.00	26.60	8.53#
80.00	22.60	9.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022520\
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Acq On : 27 Feb 2020 00:41
Operator : CG/JU
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Misc :
ALS Vial : 58 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
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QLast Update : Thu Feb 27 05:28:30 2020
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Instrument :
BNA_M
ClientSampleId :
DBCZ2

Manual Integrations APPROVED
mohammad
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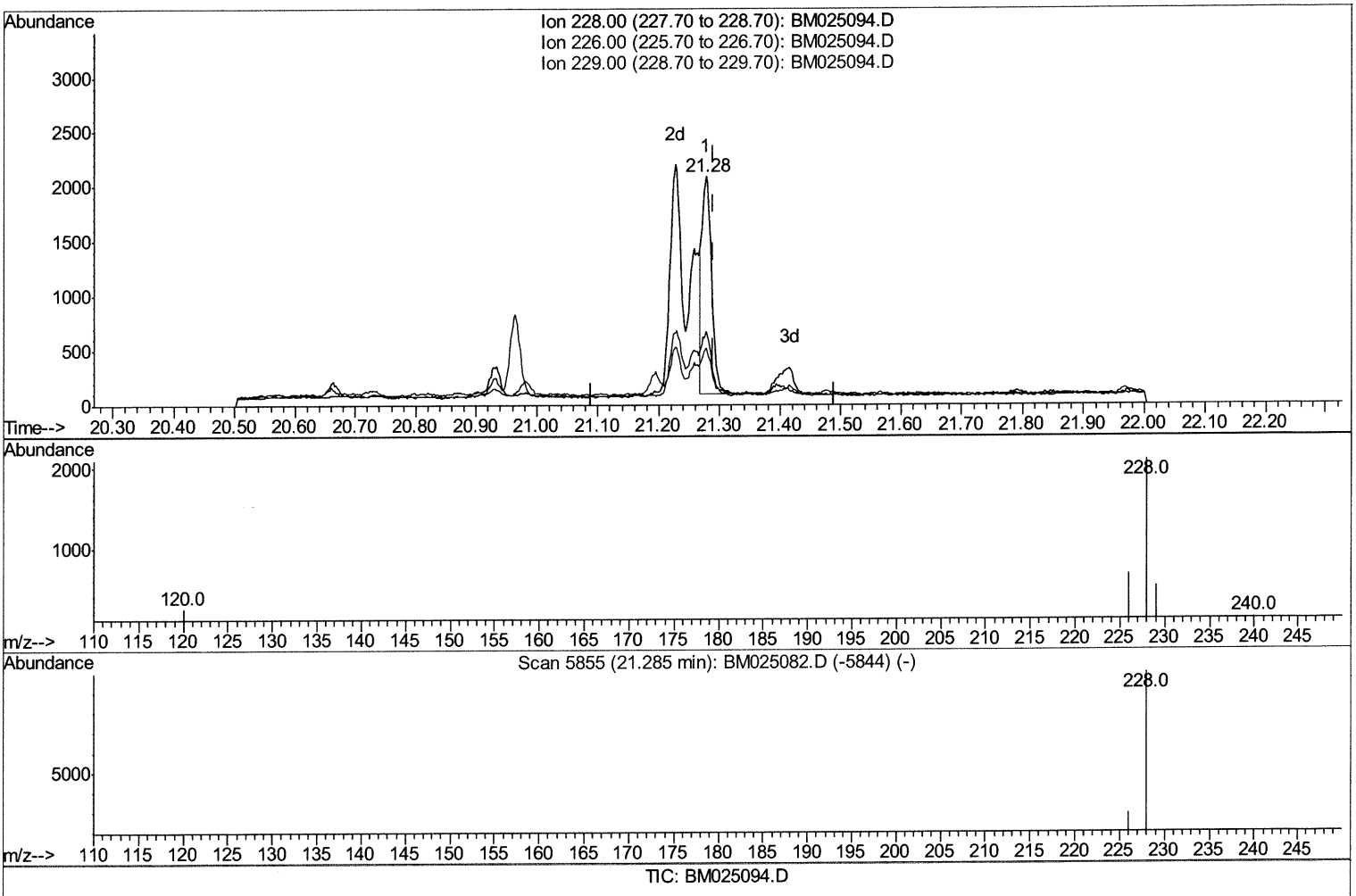

TIC: BM025094.D

(19) Chrysene

21.277min (-0.012) 0.03ng/ul

response 2184

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	31.88
229.00	21.10	25.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022520\
Data File : BM025094.D
Acq On : 27 Feb 2020 00:41
Operator : CG/JU
Sample : L1506-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Feb 27 06:05:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
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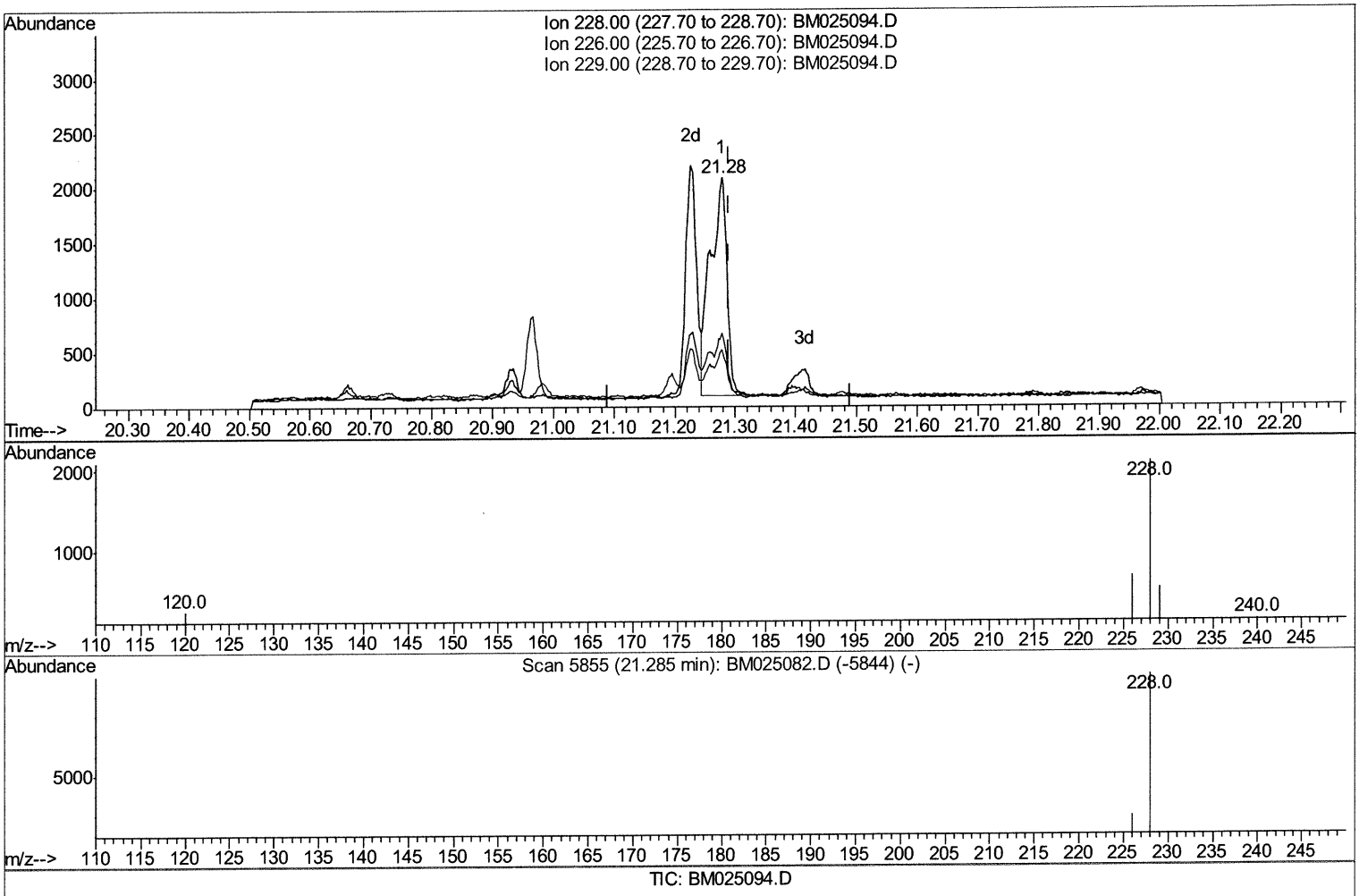
Instrument :
BNA_M
ClientSampleId :
DBCZ2

Manual Integrations APPROVED
mohammad
2/27/2020 5:01:26 PM



TIC: BM025094.D

(19) Chrysene

21.277min (-0.012) 0.05ng/ul m JC 03/02/20

response 3797

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	31.88
229.00	21.10	25.05
0.00	0.00	0.00

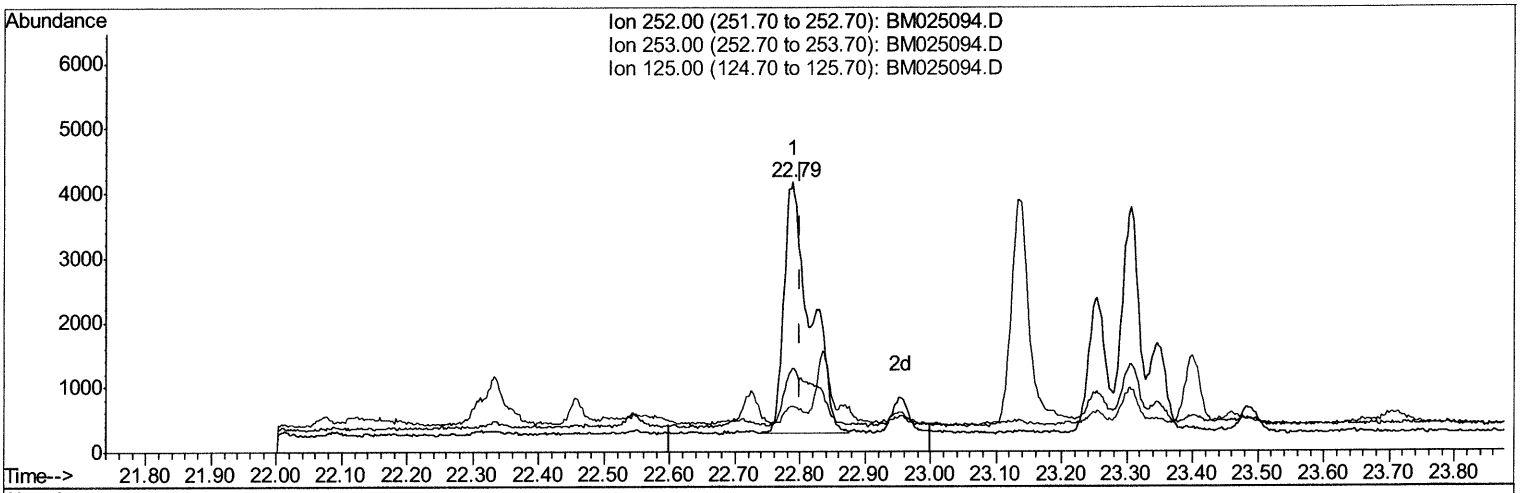
Quantitation Report (Qedit)

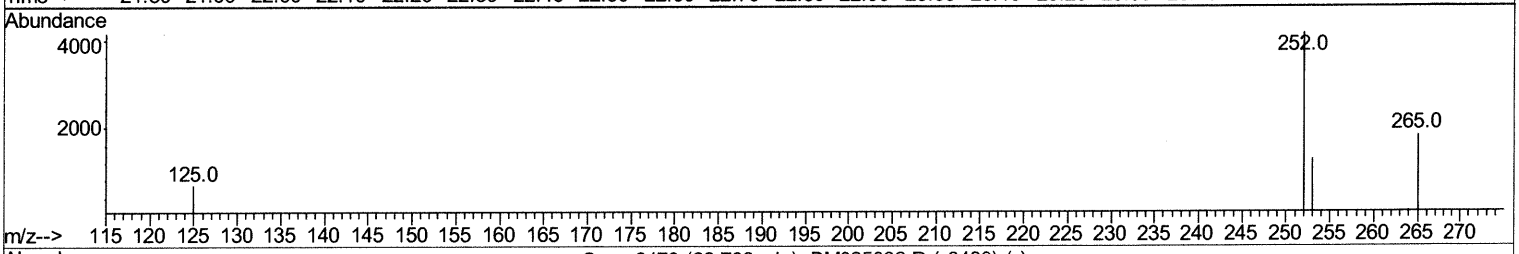
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022520\
Data File : BM025094.D
Acq On : 27 Feb 2020 00:41
Operator : CG/JU
Sample : L1506-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

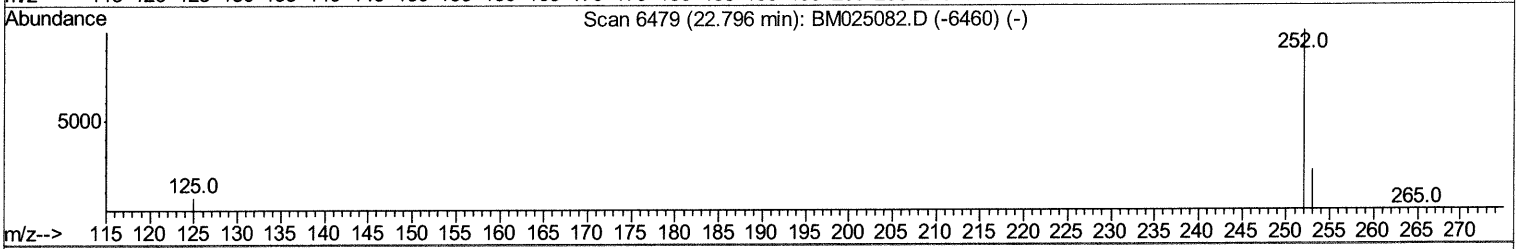
Quant Time: Feb 27 06:05:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 27 05:28:30 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBCZ2

Manual Integrations APPROVED
mohammad
2/27/2020 5:01:26 PM







TIC: BM025094.D

(21) Benzo(b)fluoranthene

22.788min (-0.012) 0.13ng/ul

response 10875

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	30.77
125.00	14.30	16.62
0.00	0.00	0.00

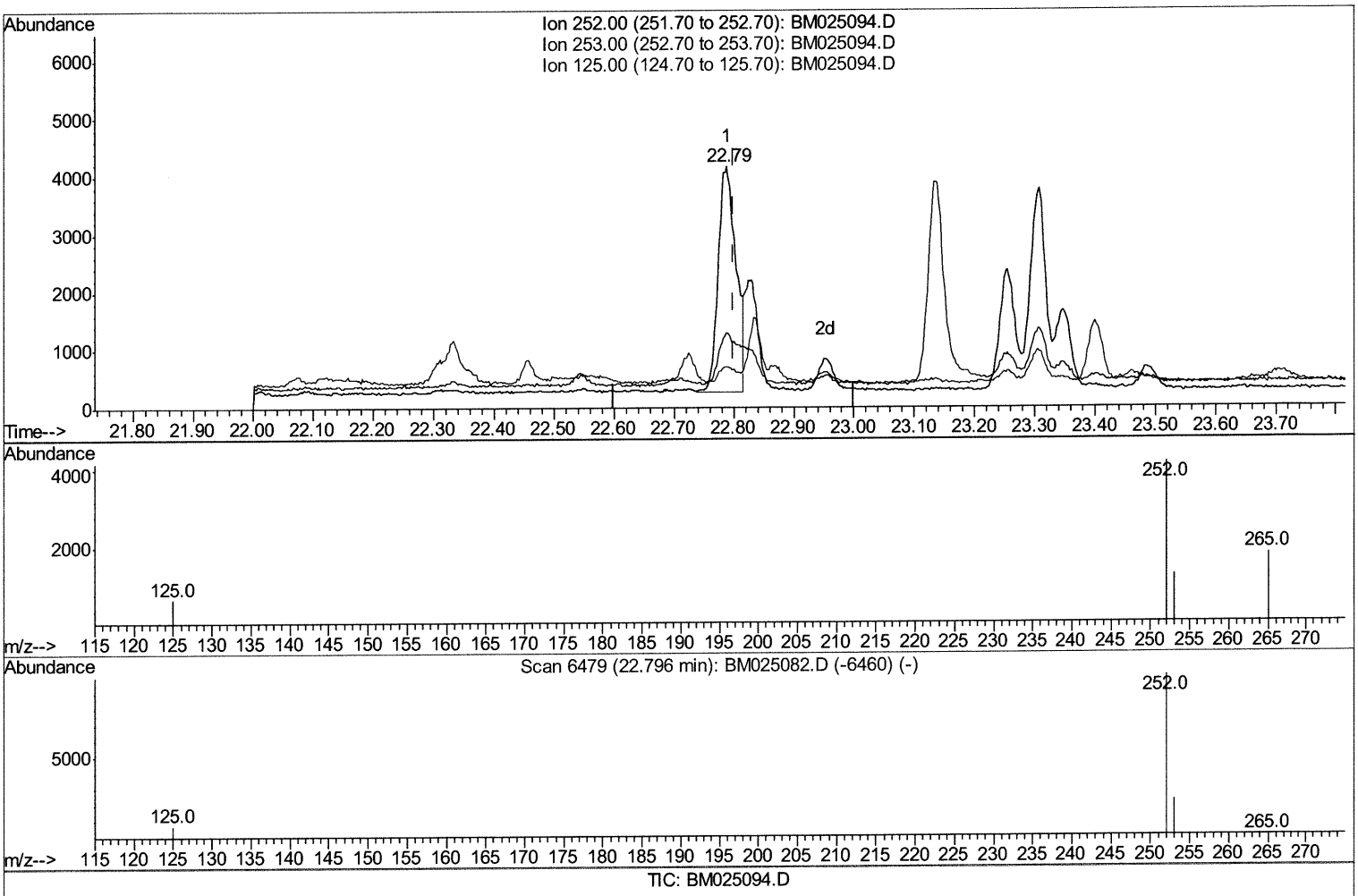
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022520\
Data File : BM025094.D
Acq On : 27 Feb 2020 00:41
Operator : CG/JU
Sample : L1506-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Feb 27 06:05:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 27 05:28:30 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBCZ2

Manual Integrations APPROVED
mohammad
2/27/2020 5:01:26 PM



TIC: BM025094.D

(21) Benzo(b)fluoranthene

22.788min (-0.012) 0.10ng/ul m Ju 03/02/20

response 8018

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	30.77
125.00	14.30	16.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022520\
Data File : BM025094.D
Acq On : 27 Feb 2020 00:41
Operator : CG/JU
Sample : L1506-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Feb 27 06:05:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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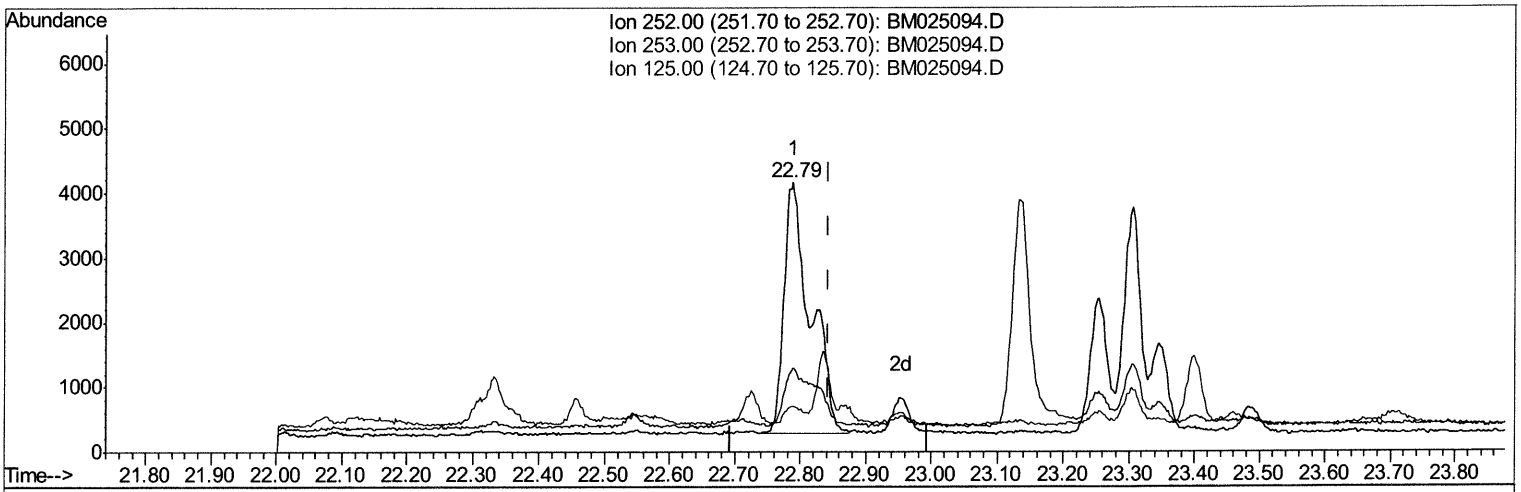
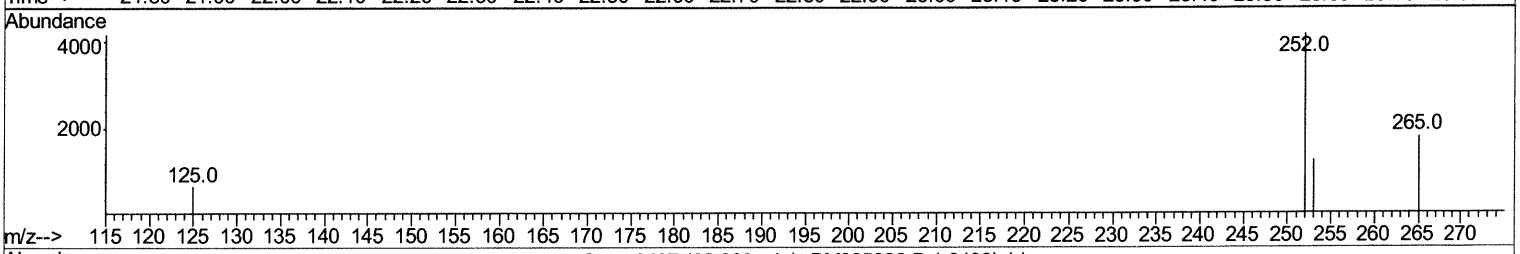
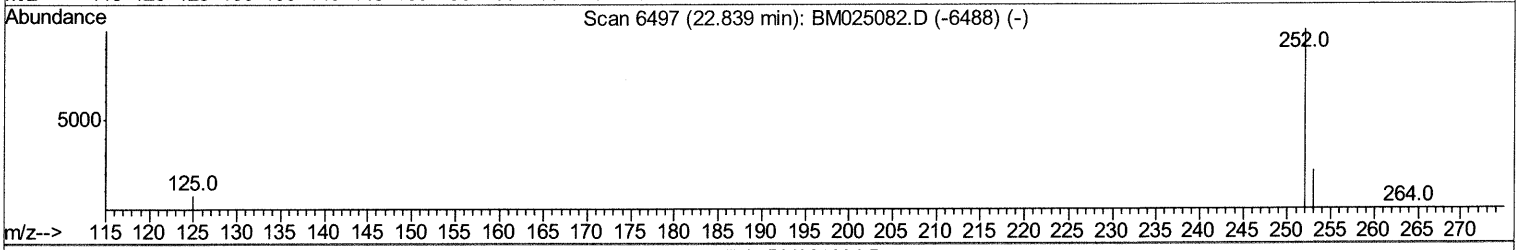
Instrument :
BNA_M
ClientSampleId :
DBCZ2

Manual Integrations APPROVED
mohammad
2/27/2020 5:01:26 PM







TIC: BM025094.D

(22) Benzo(k)fluoranthene

22.788min (-0.056) 0.14ng/ul

response 10875

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	30.77#
125.00	13.40	16.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022520\
Data File : BM025094.D
Acq On : 27 Feb 2020 00:41
Operator : CG/JU
Sample : L1506-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Feb 27 06:05:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
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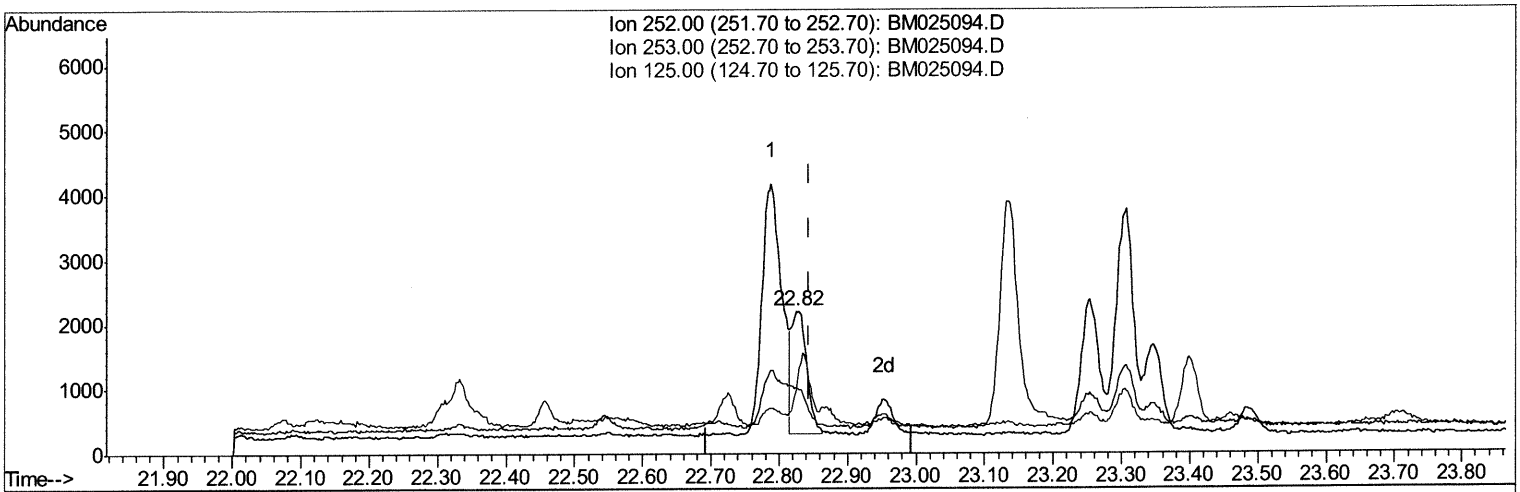
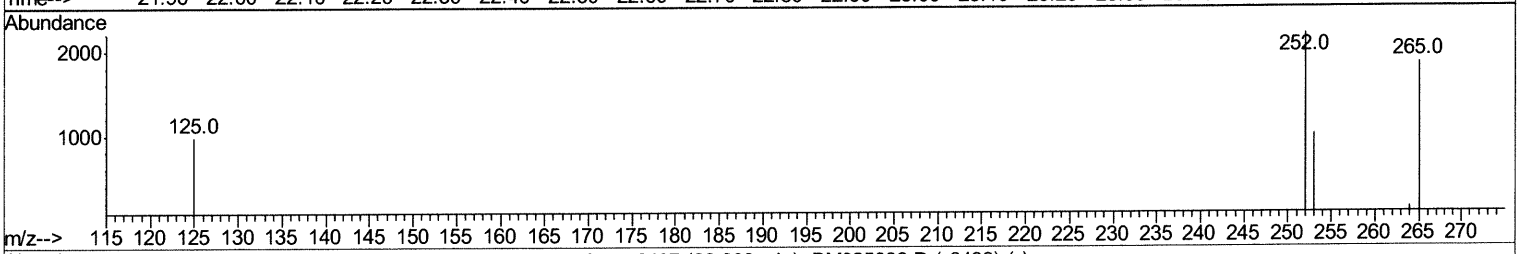
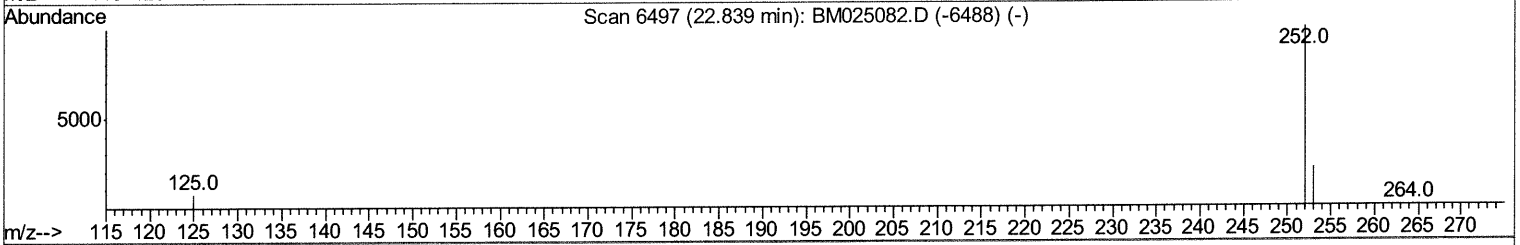
BNA_M
ClientSampleId :
DBCZ2

Manual Integrations APPROVED
mohammad
2/27/2020 5:01:26 PM







TIC: BM025094.D

(22) Benzo(k)fluoranthene

22.825min (-0.020) 0.04ng/ul m JU 03/02/20

response 2934

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	46.21#
125.00	13.40	44.66#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
ClientSampleId :
DBCZ2

Manual Integrations APPROVED
mohammad
2/27/2020 5:01:26 PM

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ALS Vial : 58 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.69	152	3067	0.40	ng/ul	0.00	
2) Naphthalene-d8	10.46	136	11958	0.40	ng/ul	-0.01	
6) Acenaphthene-d10	14.32	164	7764	0.40	ng/ul	0.00	
10) Phenanthrene-d10	17.06	188	17270m >	0.40	ng/ul >	0.00	JU 03/02/20
16) Chrysene-d12	21.24	240	17912	0.40	ng/ul	-0.01	
20) Perylene-d12	23.44	264	20613	0.40	ng/ul	-0.01	
System Monitoring Compounds							
4) 2-Methylnaphthalene-d10	12.05	152	7181	0.32	ng/ul	-0.01	
14) Fluoranthene-d10	19.09	212	18450	0.31	ng/ul	0.00	
Target Compounds						Qvalue	
7) Acenaphthylene	14.04	152	1124	0.025	ng/ul#	86	
13) Anthracene	17.19	178	1217	0.021	ng/ul#	86	
15) Fluoranthene	19.12	202	3486	0.040	ng/ul	94	
17) Pyrene	19.48	202	4050	0.050	ng/ul#	91	
18) Benzo(a)anthracene	21.23	228	2592	0.034	ng/ul	94	
19) Chrysene	21.28	228	3797m }	0.049	ng/ul }		JU 03/02/20
21) Benzo(b)fluoranthene	22.79	252	8018m }	0.099	ng/ul }		
22) Benzo(k)fluoranthene	22.82	252	2934m }	0.037	ng/ul }		
23) Benzo(a)pyrene	23.35	252	2113	0.029	ng/ul#	64	
24) Indeno(1,2,3-cd)pyrene	25.63	276	2351	0.025	ng/ul#	100	
26) Benzo(g,h,i)perylene	26.30	276	1796	0.023	ng/ul#	76	

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