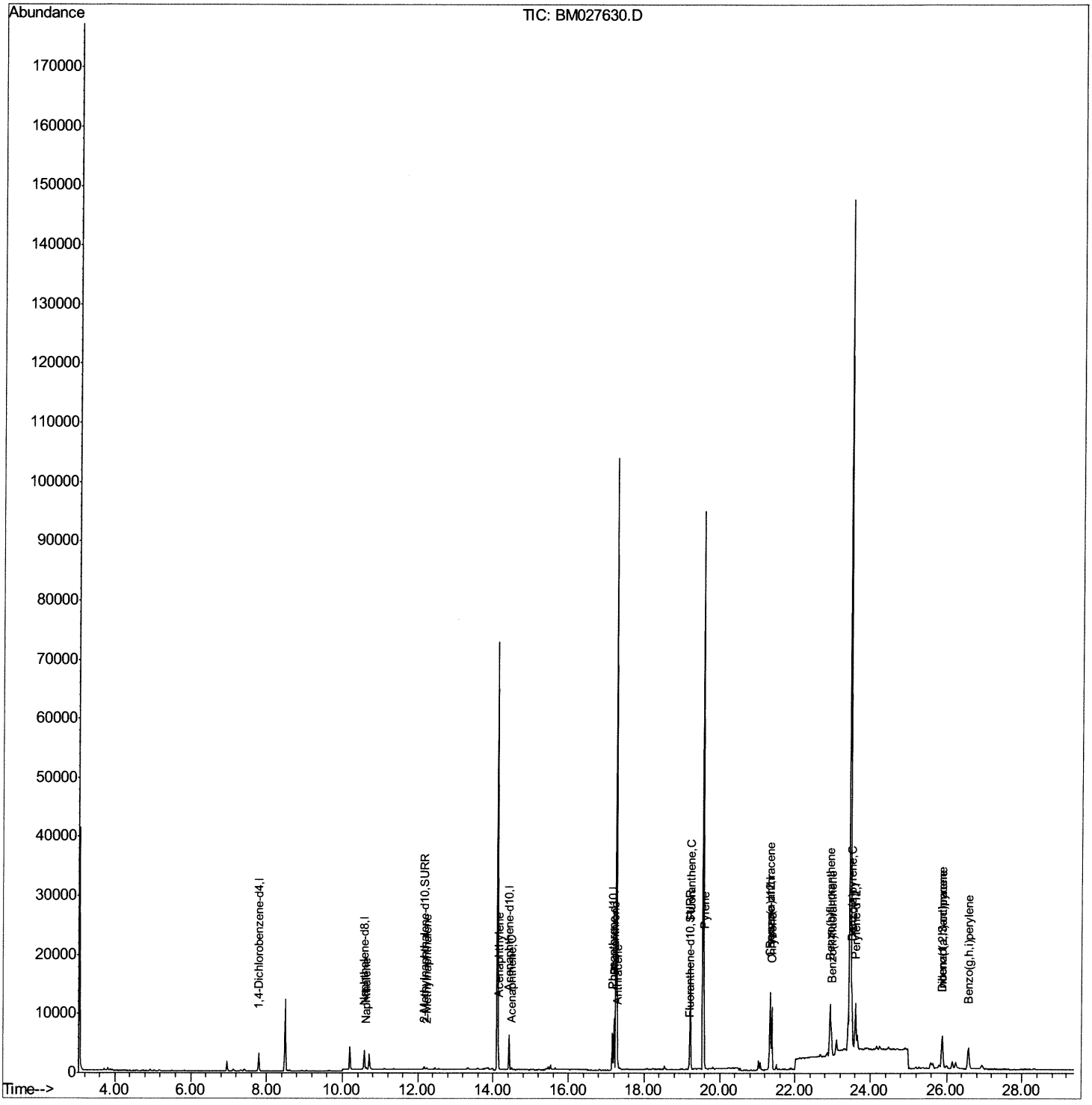
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\
Data File : BM027630.D
Acq On : 06 Oct 2020 10:16
Operator : JU/CG
Sample : L4184-13DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 06 10:49:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 10:43:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AL7DL

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:38 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\
Data File : BM027630.D
Acq On : 06 Oct 2020 10:16
Operator : JU/CG
Sample : L4184-13DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 06 10:47:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 10:43:07 2020
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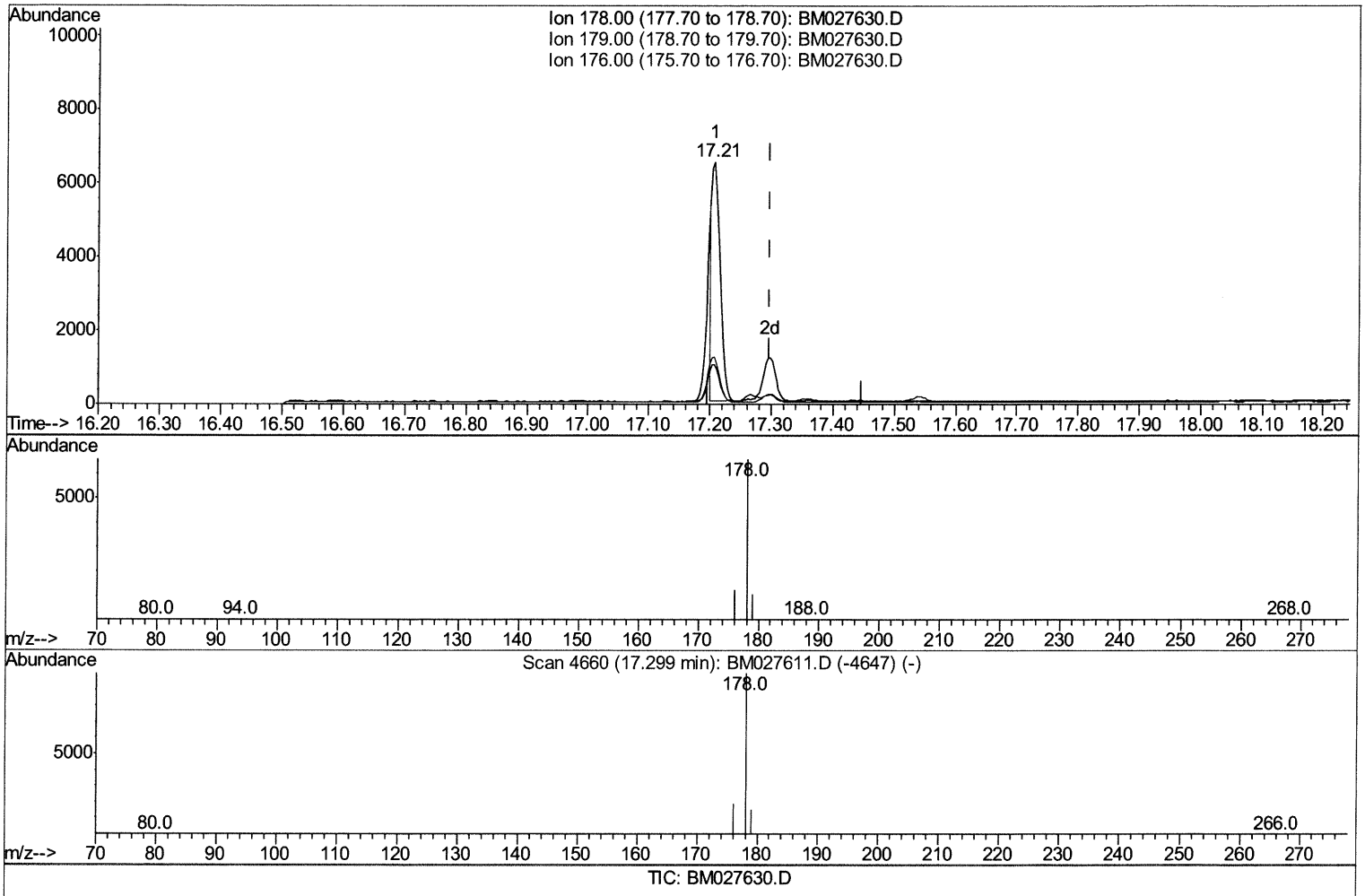
Instrument :
BNA_M
ClientSampleId :
C0AL7DL

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:38 PM



(13) Anthracene

17.207min (-0.090) 0.24ng/ul

response 5900

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	16.22
176.00	19.00	19.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\
Data File : BM027630.D
Acq On : 06 Oct 2020 10:16
Operator : JU/CG
Sample : L4184-13DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

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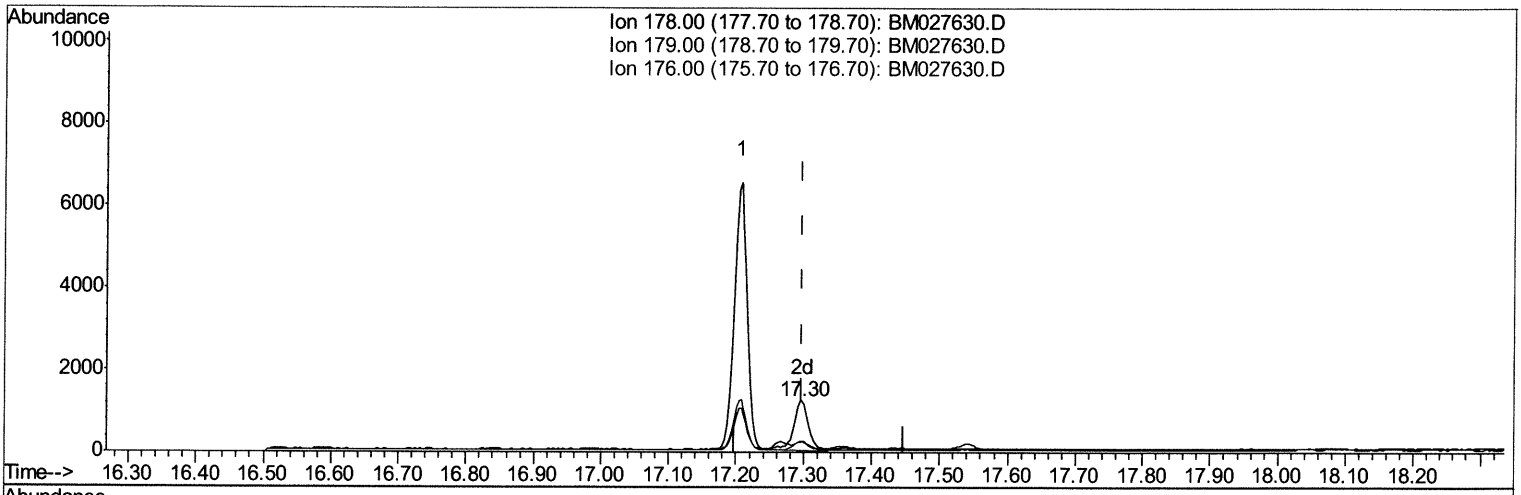
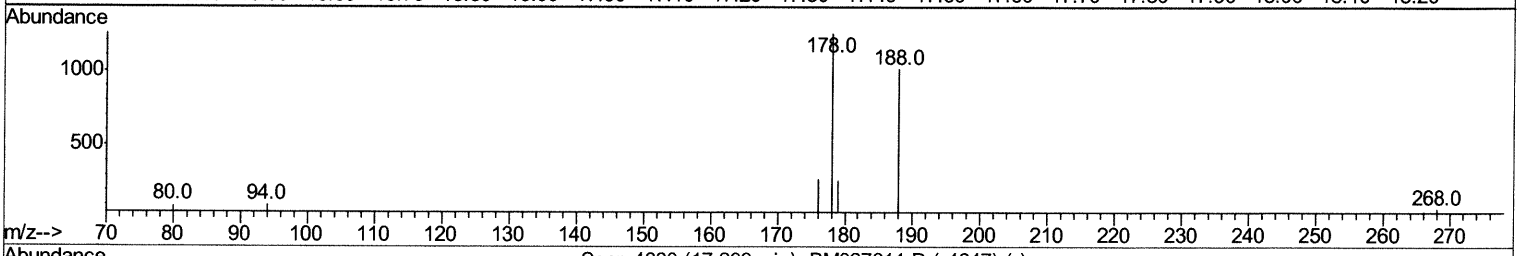
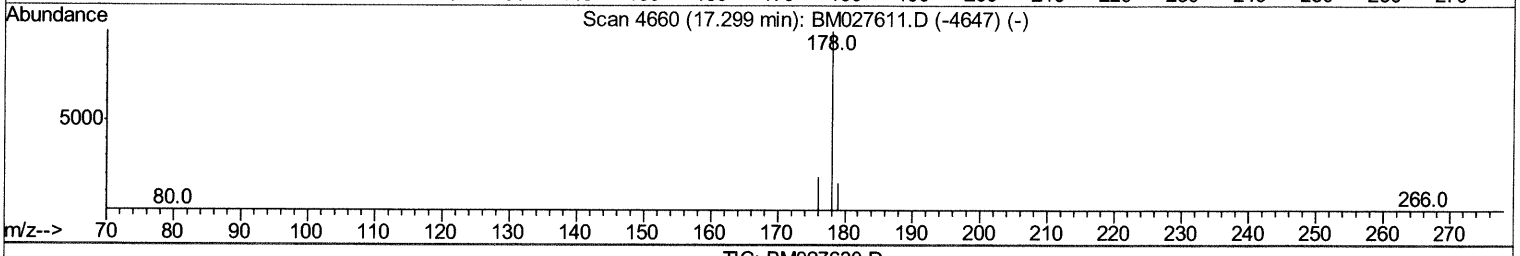
BNA_M
ClientSampleId :
C0AL7DL

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:38 PM







TIC: BM027630.D

(13) Anthracene

17.298min (-0.000) 0.08ng/ul m 10/07/20 JD

response 1858

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	21.50#
176.00	19.00	21.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\
Data File : BM027630.D
Acq On : 06 Oct 2020 10:16
Operator : JU/CG
Sample : L4184-13DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 06 10:47:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 10:43:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AL7DL

Manual Integrations APPROVED
mohammad
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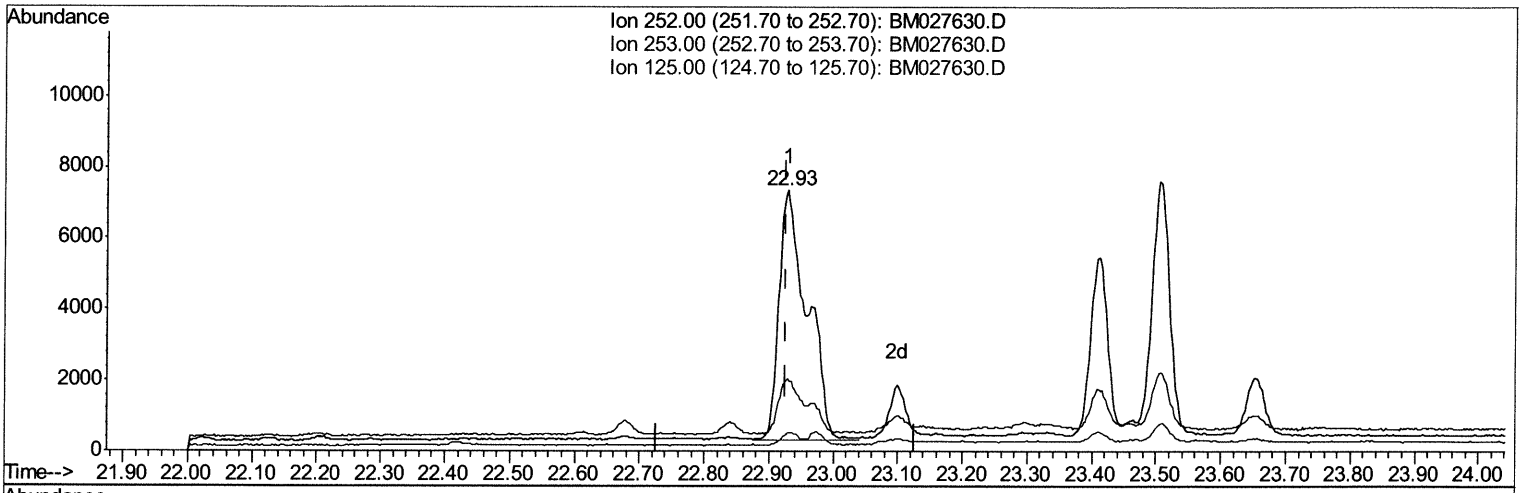
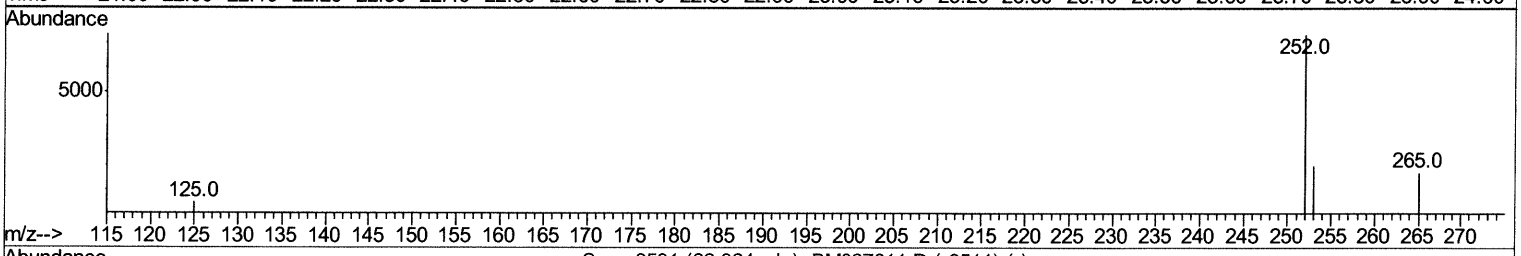
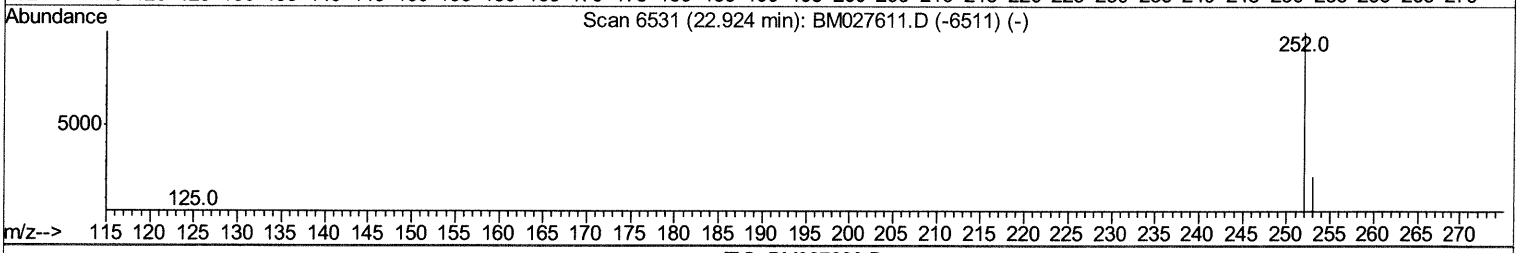






TIC: BM027630.D

(21) Benzo(b)fluoranthene

22.929min (+0.002) 0.54ng/ul

response 21270

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	27.79
125.00	5.30	7.06
0.00	0.00	0.00

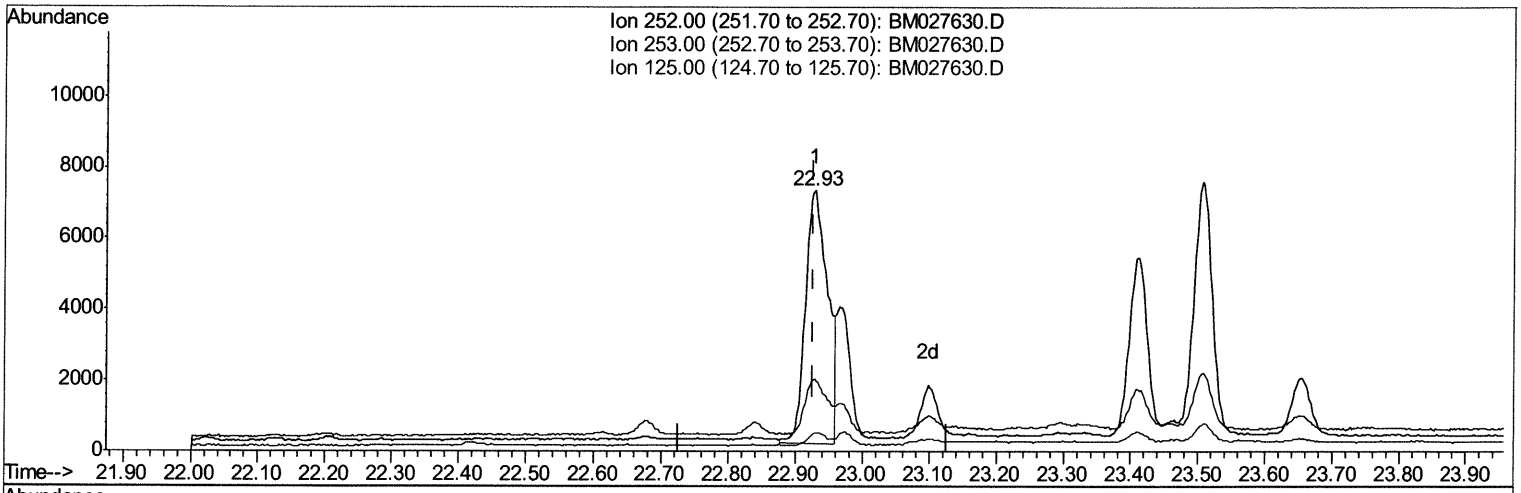
Quantitation Report (Qedit)

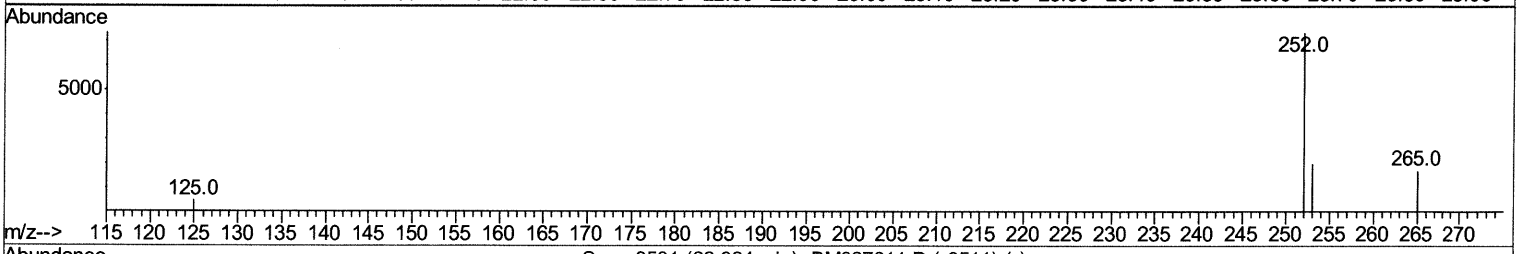
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\
Data File : BM027630.D
Acq On : 06 Oct 2020 10:16
Operator : JU/CG
Sample : L4184-13DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

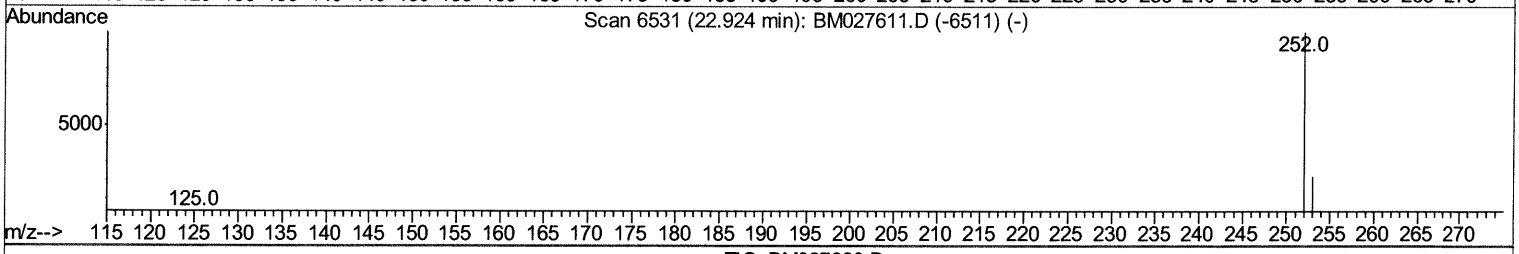
Quant Time: Oct 06 10:47:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 10:43:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AL7DL

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:38 PM







TIC: BM027630.D

(21) Benzo(b)fluoranthene

22.929min (+0.002) 0.41ng/ul m 10/07/20 JU

response 16274

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	27.79
125.00	5.30	7.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\
Data File : BM027630.D
Acq On : 06 Oct 2020 10:16
Operator : JU/CG
Sample : L4184-13DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 06 10:47:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 10:43:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AL7DL

Manual Integrations APPROVED
mohammad
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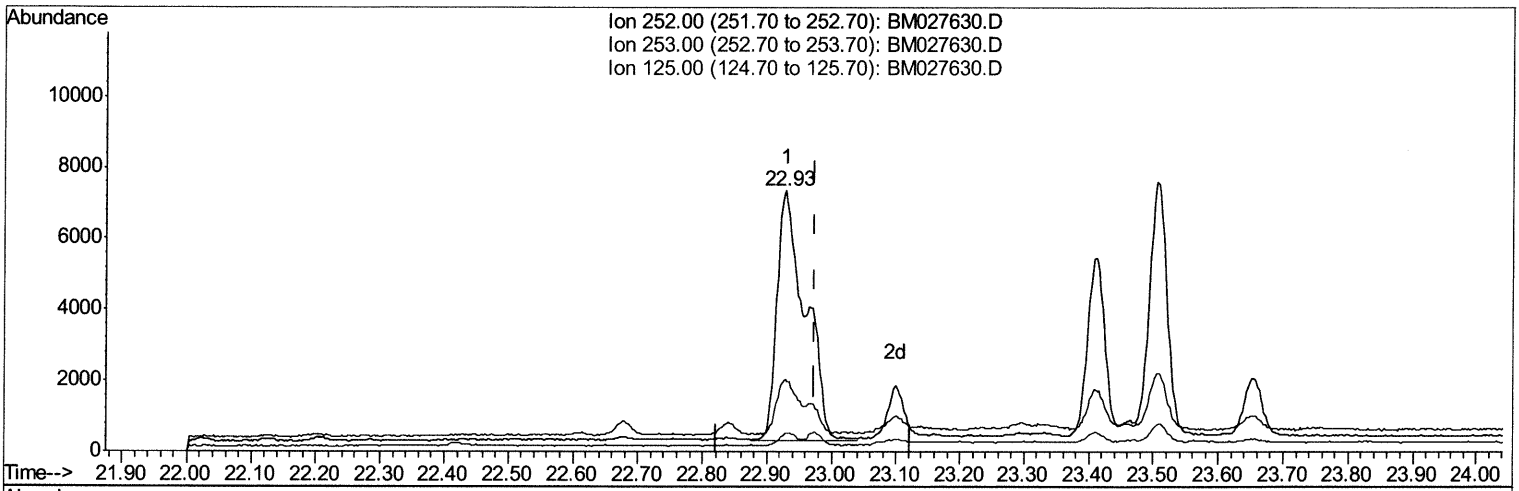
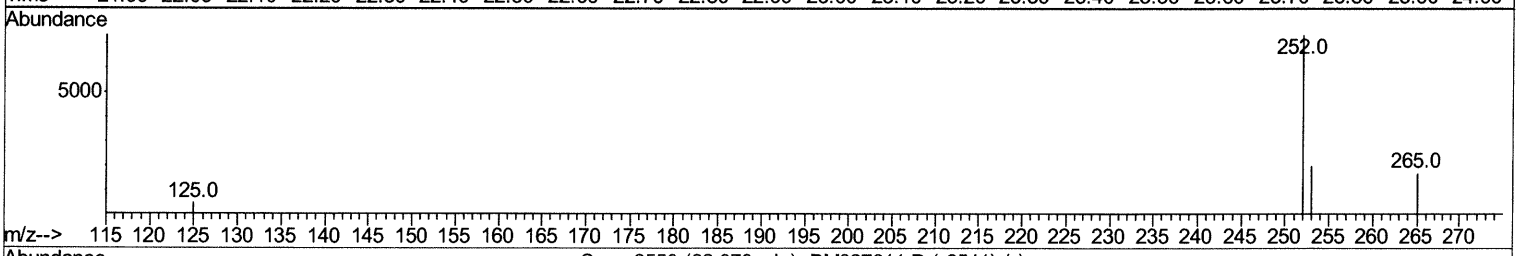
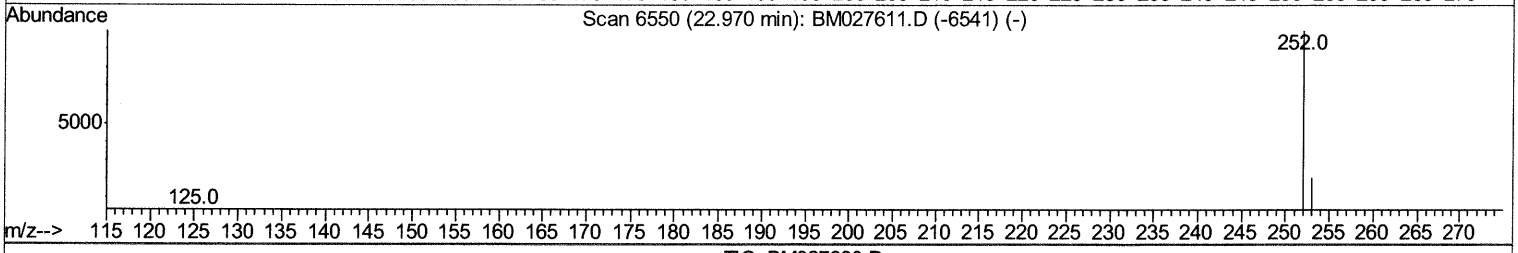






TIC: BM027630.D

(22) Benzo(k)fluoranthene

22.929min (-0.044) 0.52ng/ul

response 21270

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	27.79
125.00	6.20	7.06
0.00	0.00	0.00

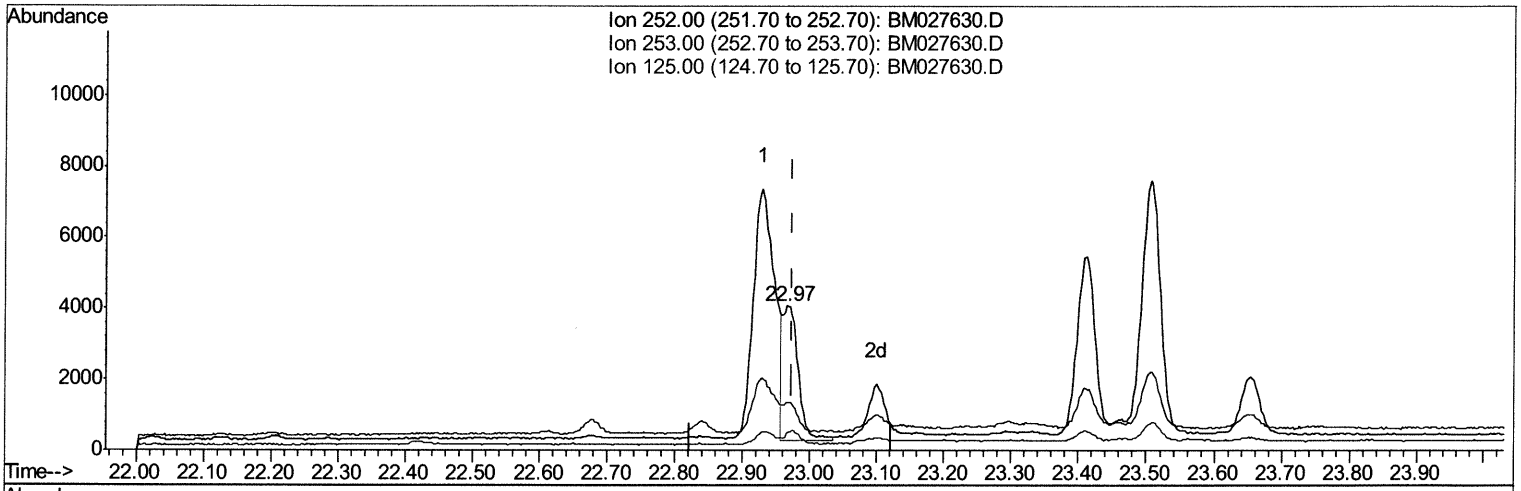
Quantitation Report (Qedit)

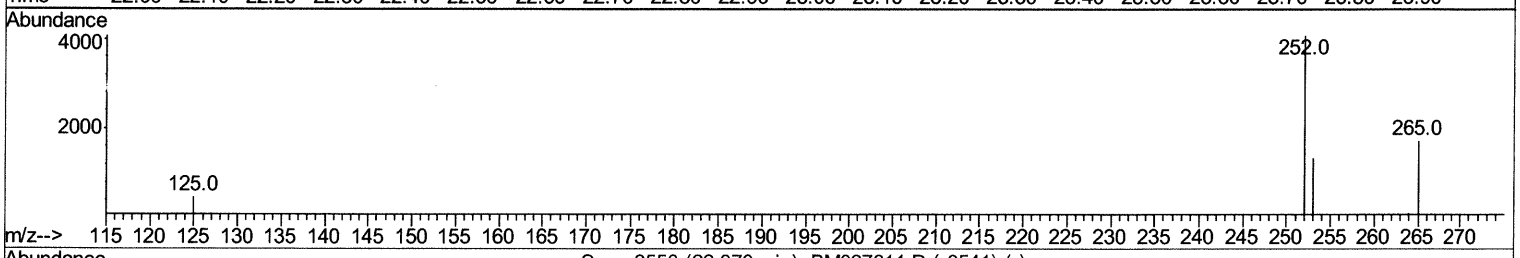
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\
Data File : BM027630.D
Acq On : 06 Oct 2020 10:16
Operator : JU/CG
Sample : L4184-13DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

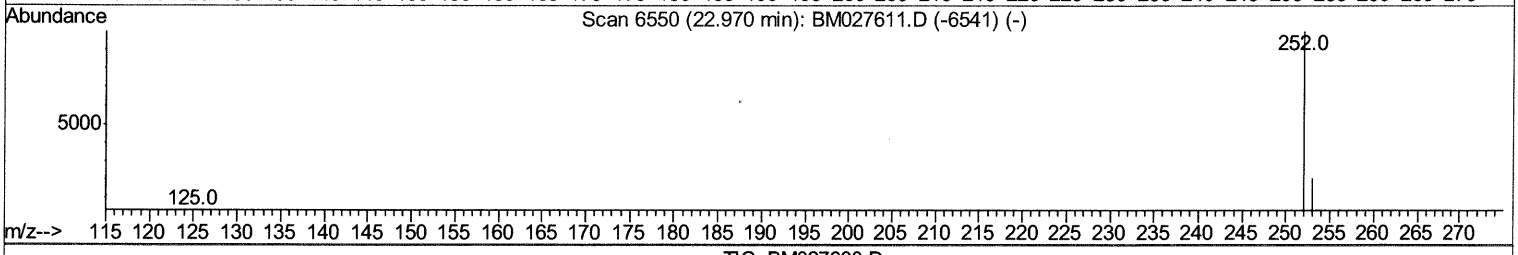
Quant Time: Oct 06 10:47:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 10:43:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AL7DL

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:38 PM







TIC: BM027630.D

(22) Benzo(k)fluoranthene

22.965min (-0.007) 0.15ng/ul m 10/07/20 JU

response 6293

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	32.81#
125.00	6.20	11.57#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\
Data File : BM027630.D
Acq On : 06 Oct 2020 10:16
Operator : JU/CG
Sample : L4184-13DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL7DL

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:38 PM

Quant Time: Oct 06 10:49:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 10:43:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1522	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	4435	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	3165	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.17	188	8018	0.40	ng/ul	0.00
16) Chrysene-d12	21.35	240	6232	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	9812	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.16	152	553	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	1239	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.63	128	296	0.023	ng/ul#	54
5) 2-Methylnaphthalene	12.24	142	205	0.022	ng/ul	100
7) Acenaphthylene	14.14	152	365	0.023	ng/ul#	68
8) Acenaphthene	14.49	153	249	0.022	ng/ul	94
12) Phenanthrene	17.21	178	8824	0.357	ng/ul	100
13) Anthracene	17.30	178	1858m>	0.077	ng/ul >	10/07/20 JD
15) Fluoranthene	19.22	202	16728	0.562	ng/ul	95
17) Pyrene	19.58	202	14808	0.521	ng/ul#	93
18) Benzo(a)anthracene	21.33	228	9870	0.404	ng/ul	97
19) Chrysene	21.38	228	10227	0.404	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	16274m }	0.412	ng/ul }	10/07/20 JD
22) Benzo(k)fluoranthene	22.97	252	6293m }	0.153	ng/ul }	
23) Benzo(a)pyrene	23.51	252	13483	0.381	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.88	276	9806	0.215	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.89	278	2740	0.073	ng/ul#	62
26) Benzo(g,h,i)perylene	26.58	276	8448	0.220	ng/ul	94

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