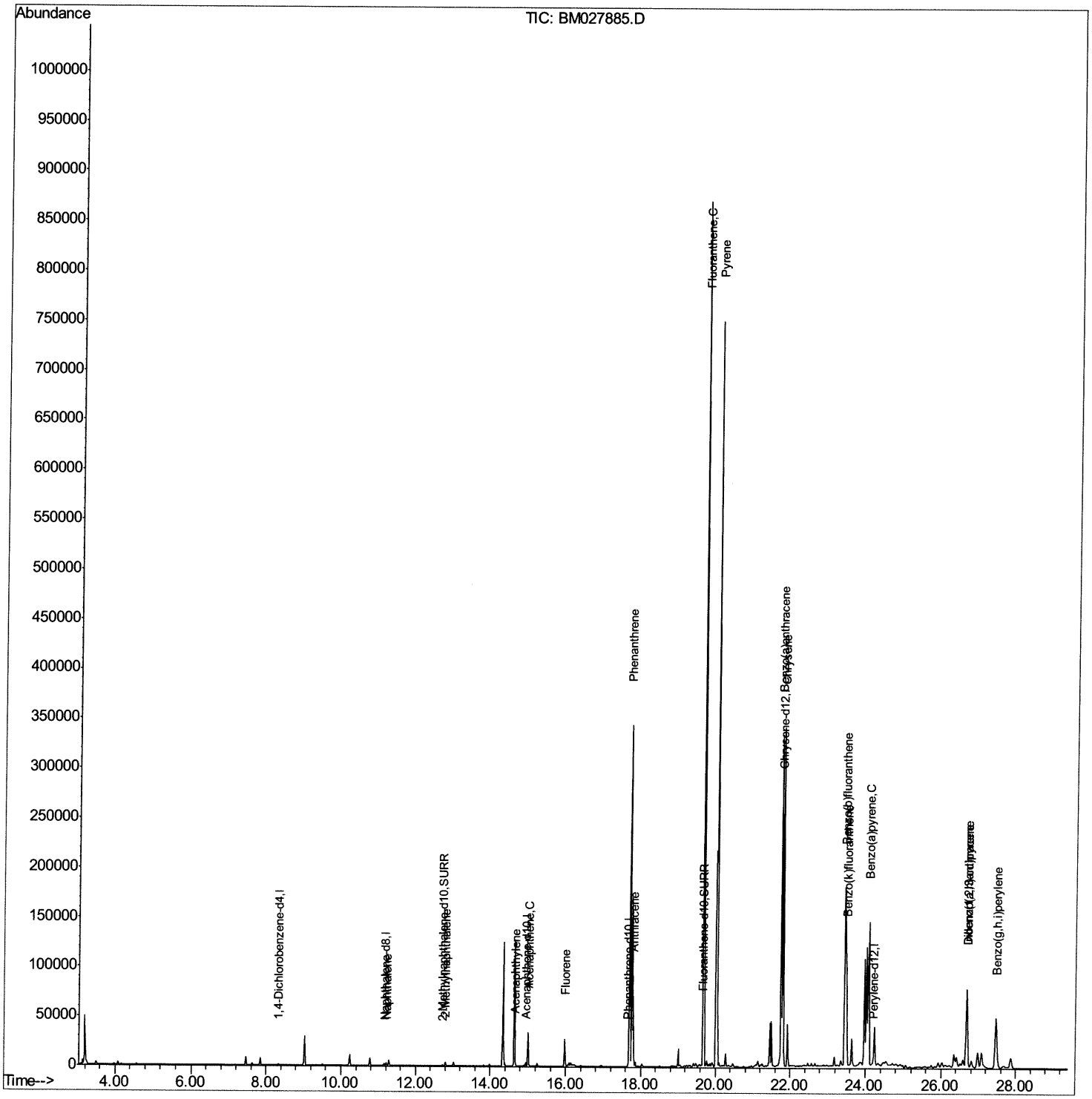
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027885.D
Acq On : 21 Nov 2020 17:30
Operator : JU/CG
Sample : L4711-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Nov 23 04:20:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B33

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:54 AM



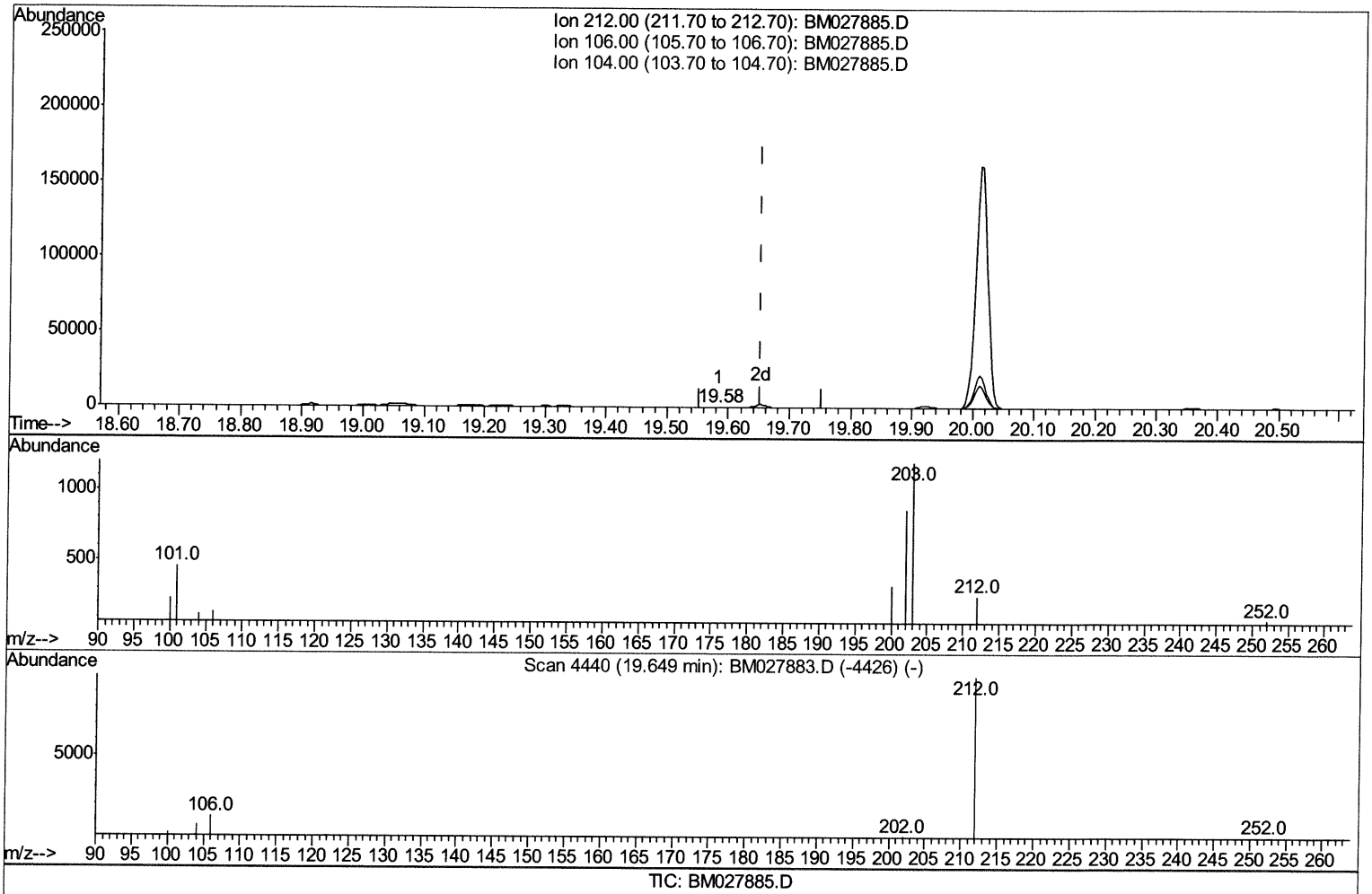
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027885.D
Acq On : 21 Nov 2020 17:30
Operator : JU/CG
Sample : L4711-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Nov 23 04:06:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B33

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:54 AM



(14) Fluoranthene-d10 (SURR)

19.584min (-0.069) 0.02ng/ul

response 231

Ion	Exp%	Act%
212.00	100	100
106.00	10.50	11.69
104.00	6.30	5.63
0.00	0.00	0.00

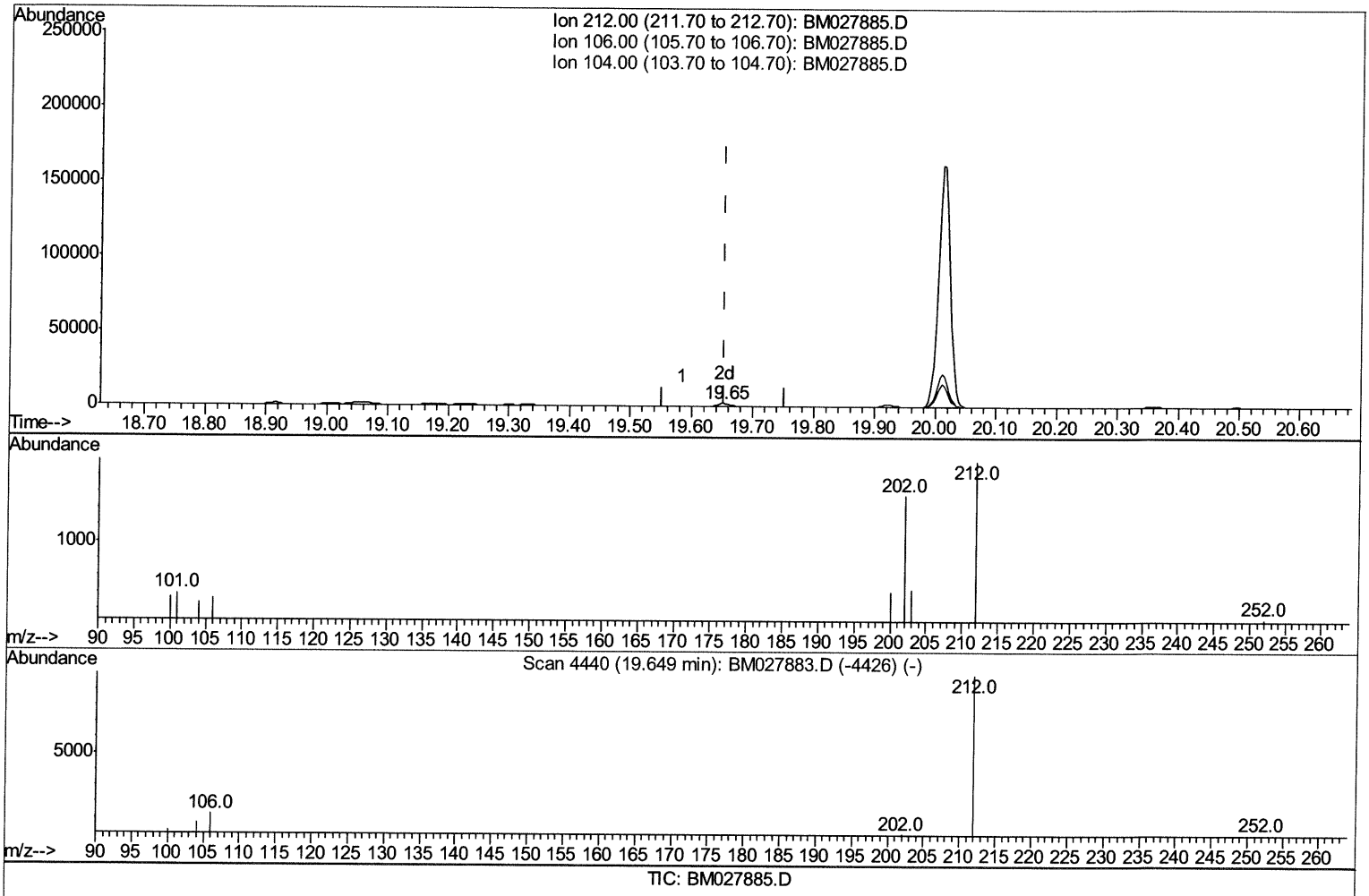
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027885.D
Acq On : 21 Nov 2020 17:30
Operator : JU/CG
Sample : L4711-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Nov 23 04:06:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B33

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:54 AM



(14) Fluoranthene-d10 (SURR)

19.653min (+0.000) 0.21ng/ul m 11/21/2054

response 2515

Ion	Exp%	Act%
212.00	100	100
106.00	10.50	1.07#
104.00	6.30	0.52#
0.00	0.00	0.00

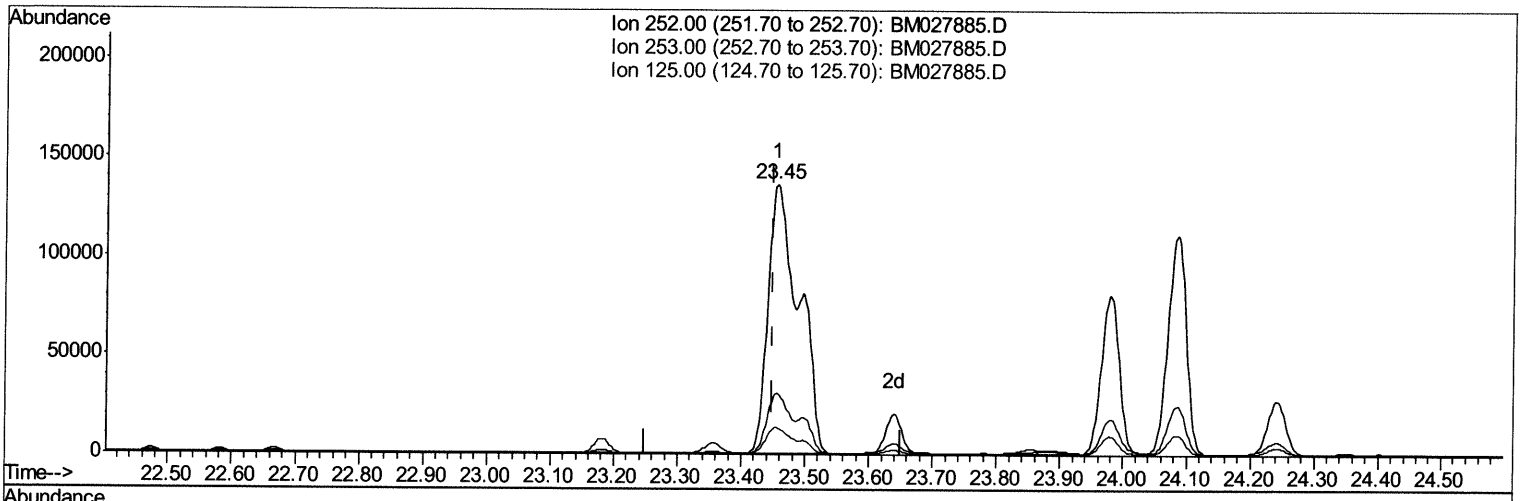
Quantitation Report (Qedit)

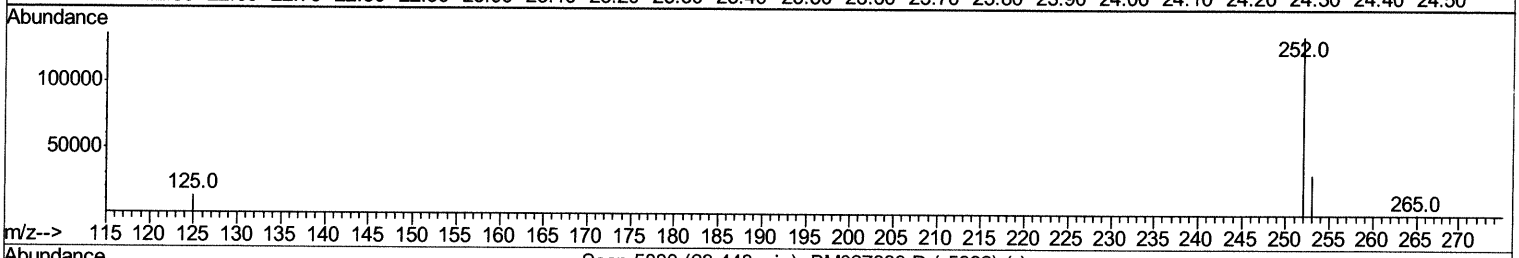
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027885.D
Acq On : 21 Nov 2020 17:30
Operator : JU/CG
Sample : L4711-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

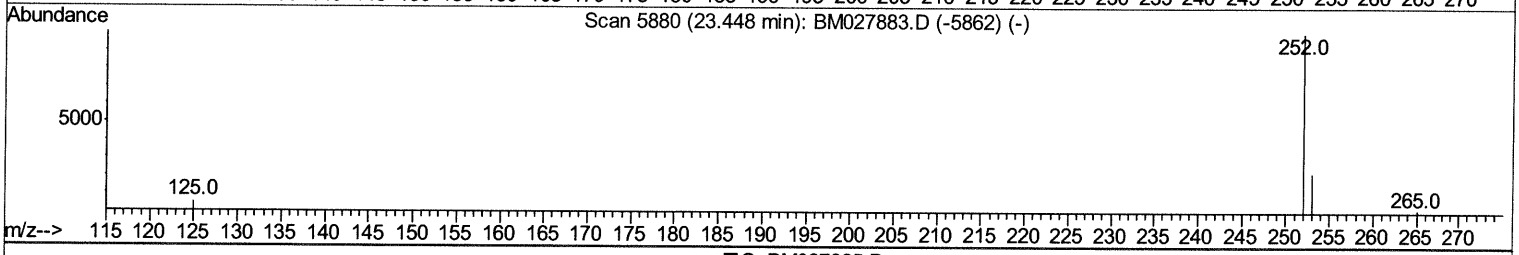
Quant Time: Nov 23 04:06:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B33

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:54 AM







TIC: BM027885.D

(21) Benzo(b)fluoranthene

23.455min (+0.005) 29.64ng/ul

response 453383

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	22.76
125.00	14.20	9.97
0.00	0.00	0.00

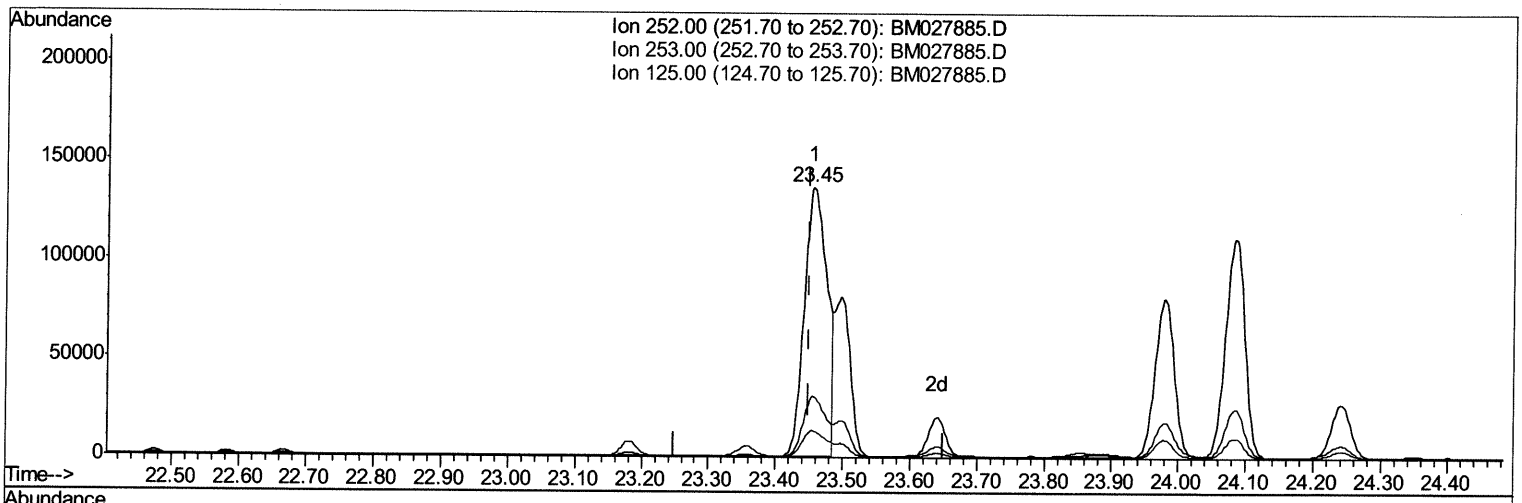
Quantitation Report (Qedit)

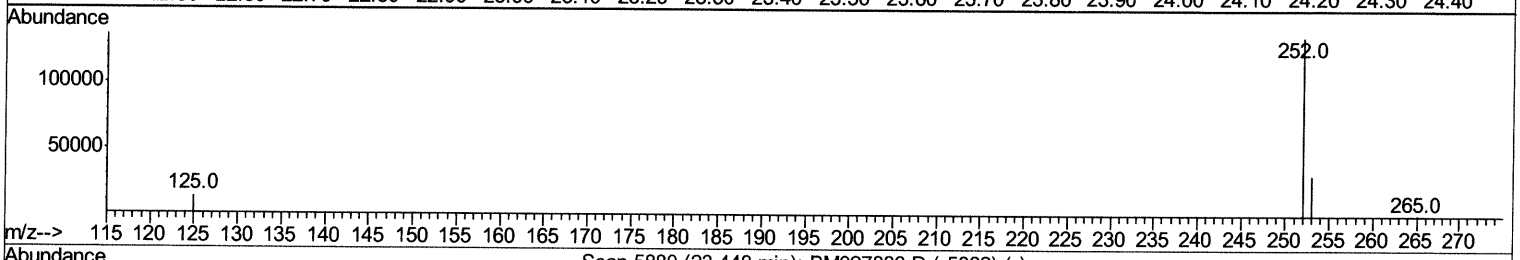
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027885.D
Acq On : 21 Nov 2020 17:30
Operator : JU/CG
Sample : L4711-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

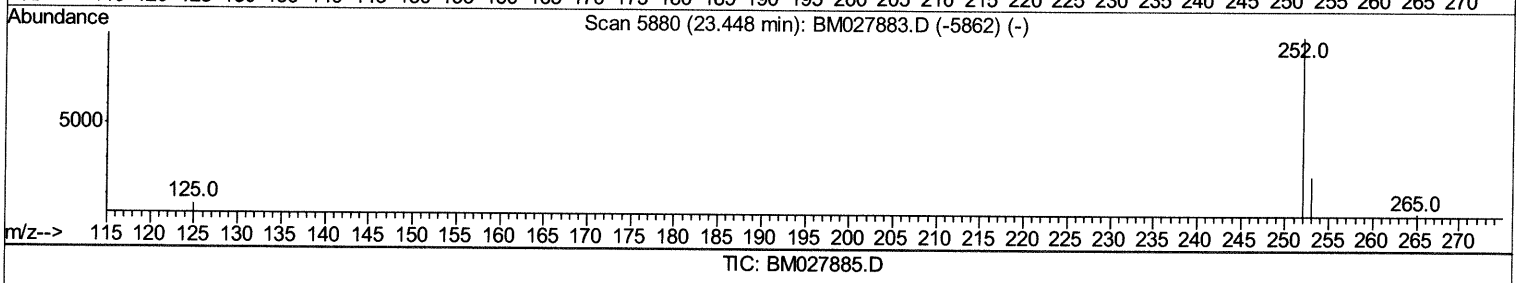
Quant Time: Nov 23 04:06:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B33

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:54 AM







TIC: BM027885.D

(21) Benzo(b)fluoranthene

23.455min (+0.005) 21.08ng/ul m 11/21/2020

response 322400

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	22.76
125.00	14.20	9.97
0.00	0.00	0.00

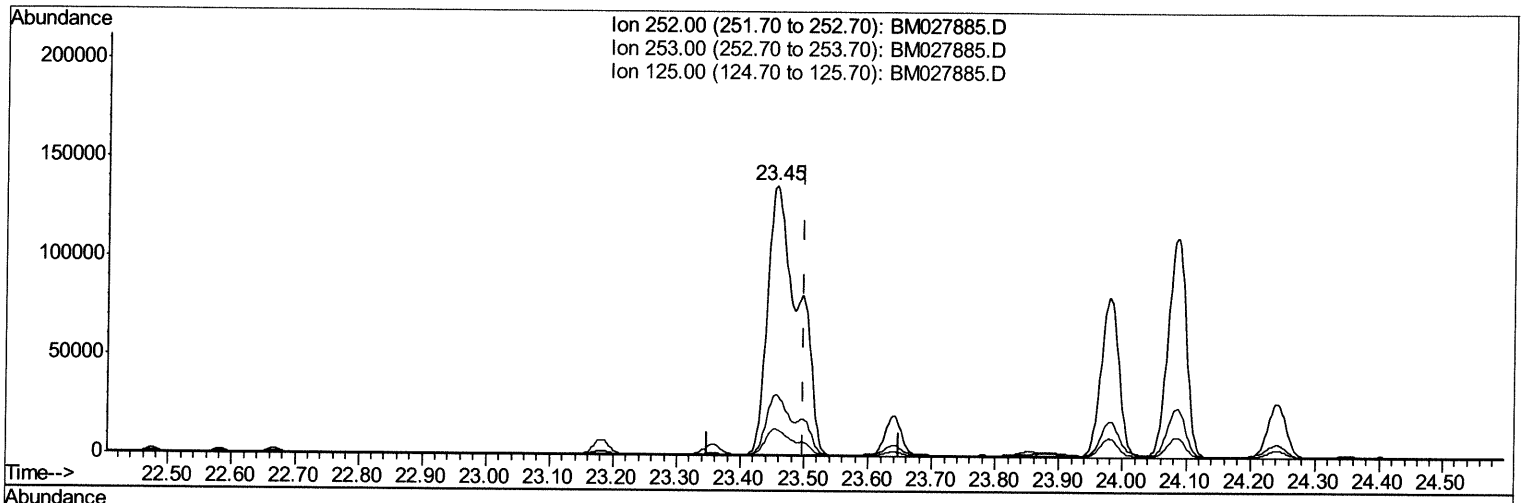
Quantitation Report (Qedit)

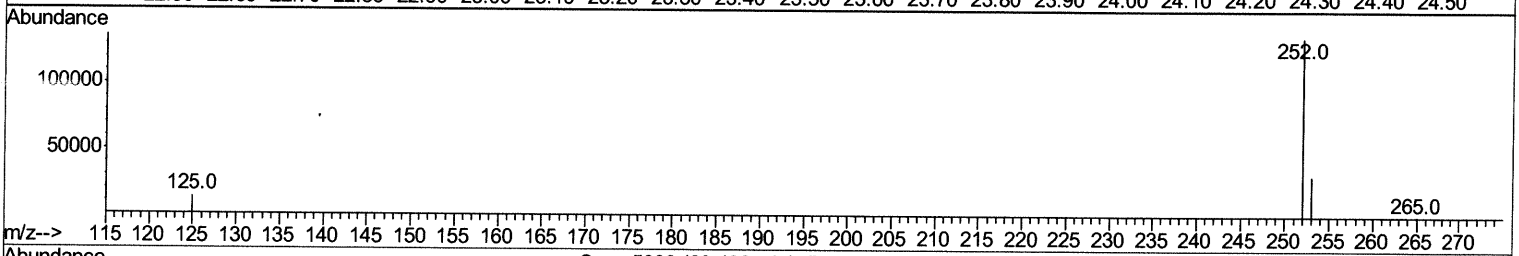
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027885.D
Acq On : 21 Nov 2020 17:30
Operator : JU/CG
Sample : L4711-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

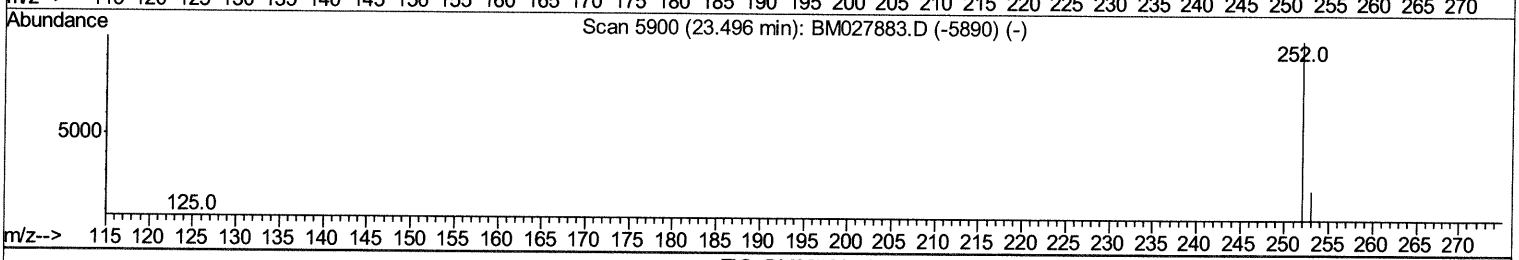
Quant Time: Nov 23 04:06:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B33

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:54 AM







TIC: BM027885.D

(22) Benzo(k)fluoranthene

23.455min (-0.044) 30.26ng/ul

response 453383

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	22.76#
125.00	14.70	9.97#
0.00	0.00	0.00

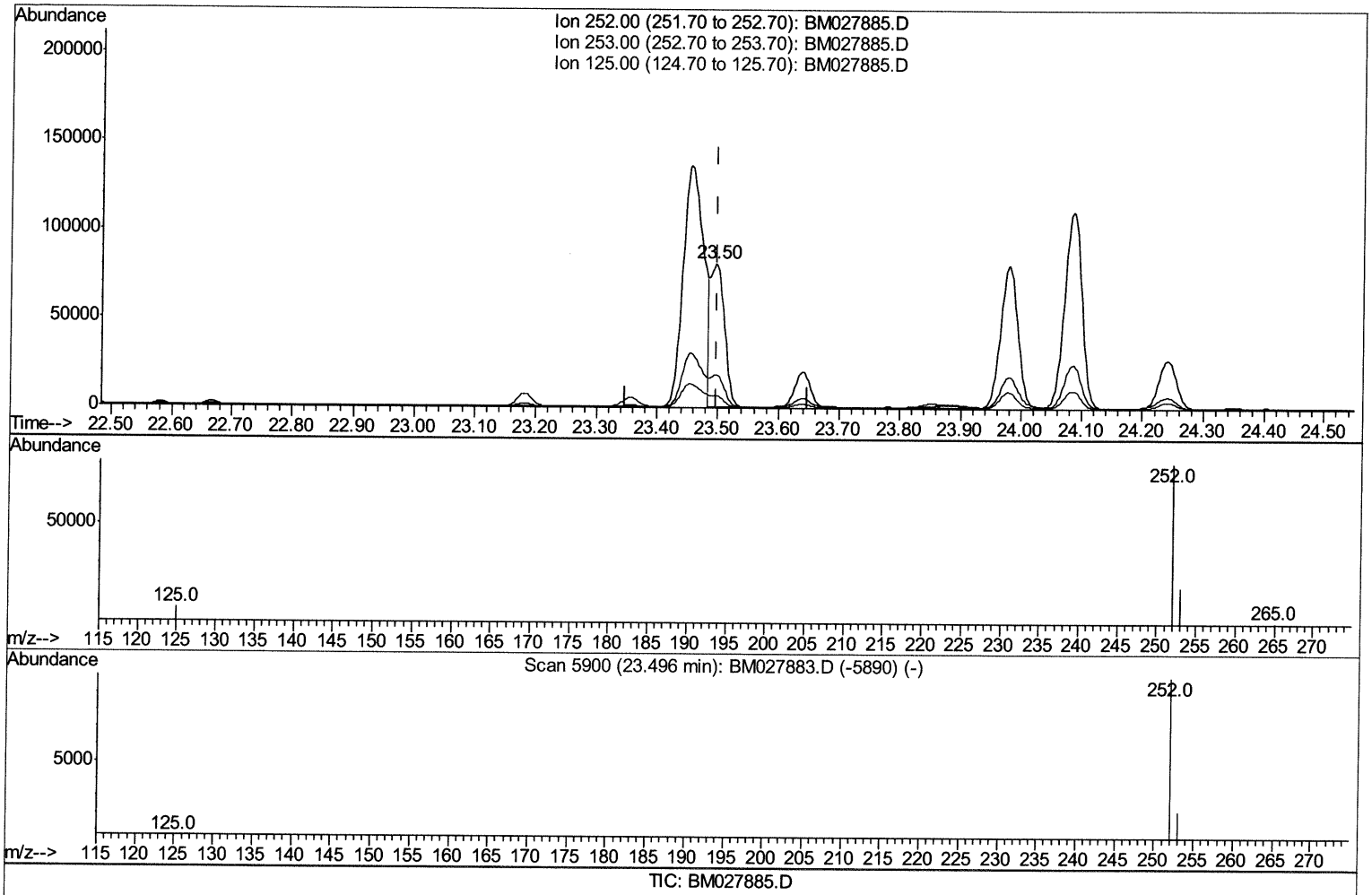
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027885.D
Acq On : 21 Nov 2020 17:30
Operator : JU/CG
Sample : L4711-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Nov 23 04:18:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B33

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:54 AM



(22) Benzo(k)fluoranthene

23.496min (-0.002) 8.65ng/ul m 11/27/20 JU

response 129530

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	22.99#
125.00	14.70	8.77#
0.00	0.00	0.00

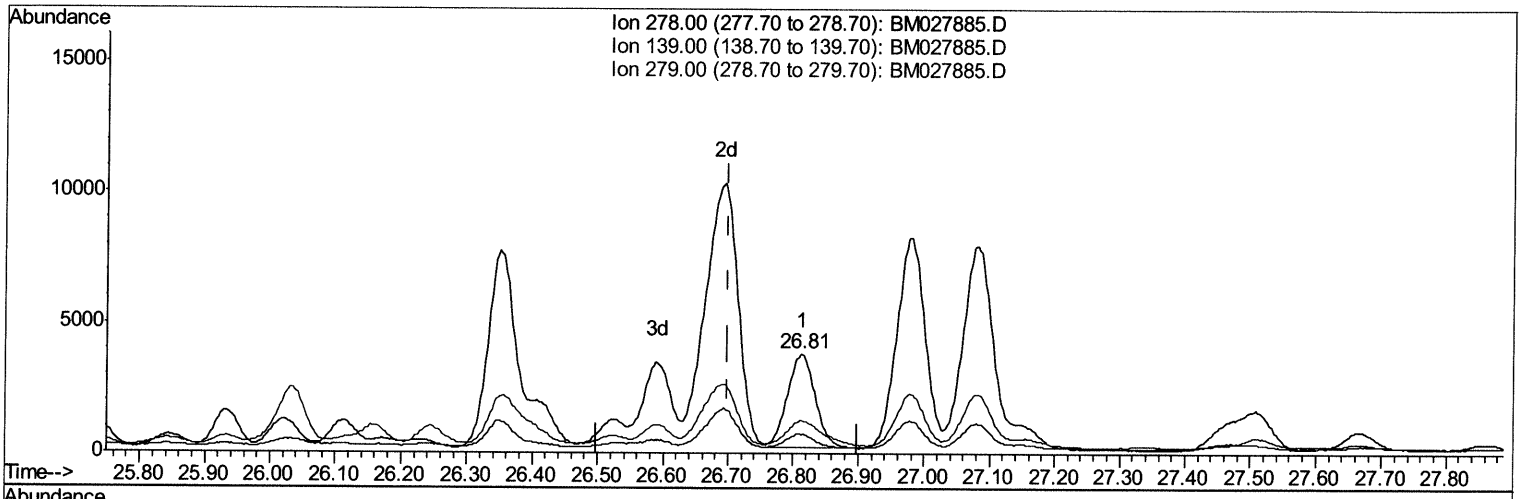
Quantitation Report (Qedit)

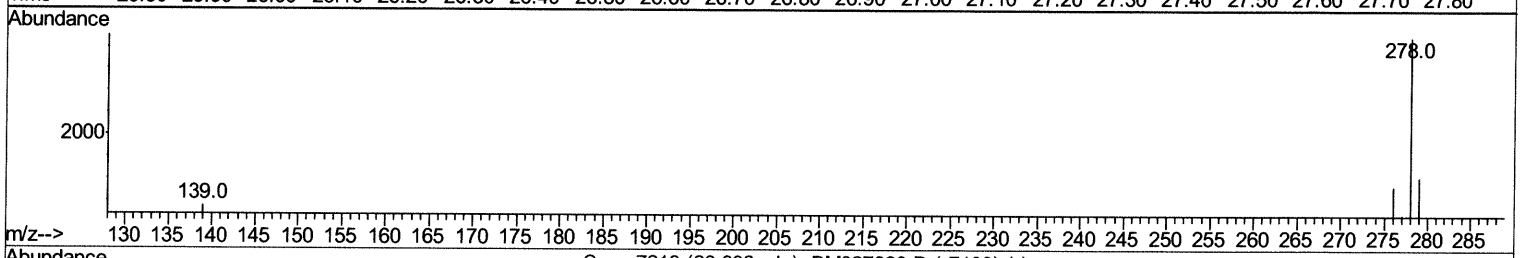
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027885.D
Acq On : 21 Nov 2020 17:30
Operator : JU/CG
Sample : L4711-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

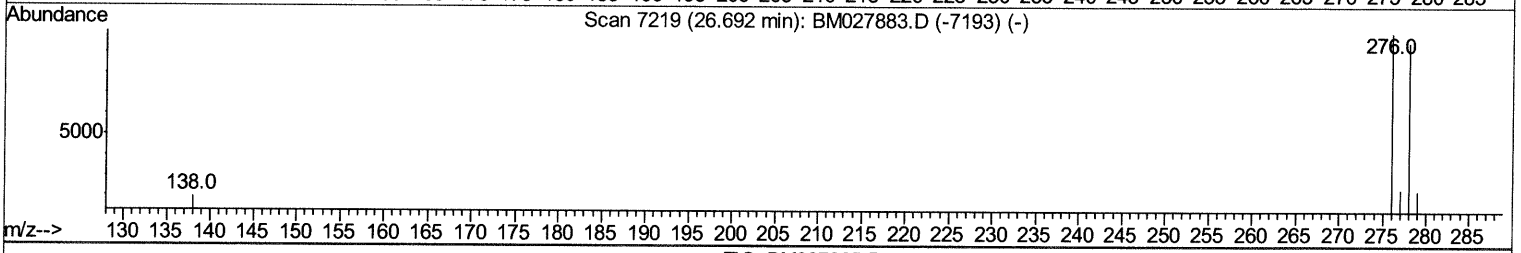
Quant Time: Nov 23 04:20:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B33

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:54 AM







TIC: BM027885.D

(25) Dibenzo(a,h)anthracene

26.813min (+0.114) 0.89ng/ul

response 10681

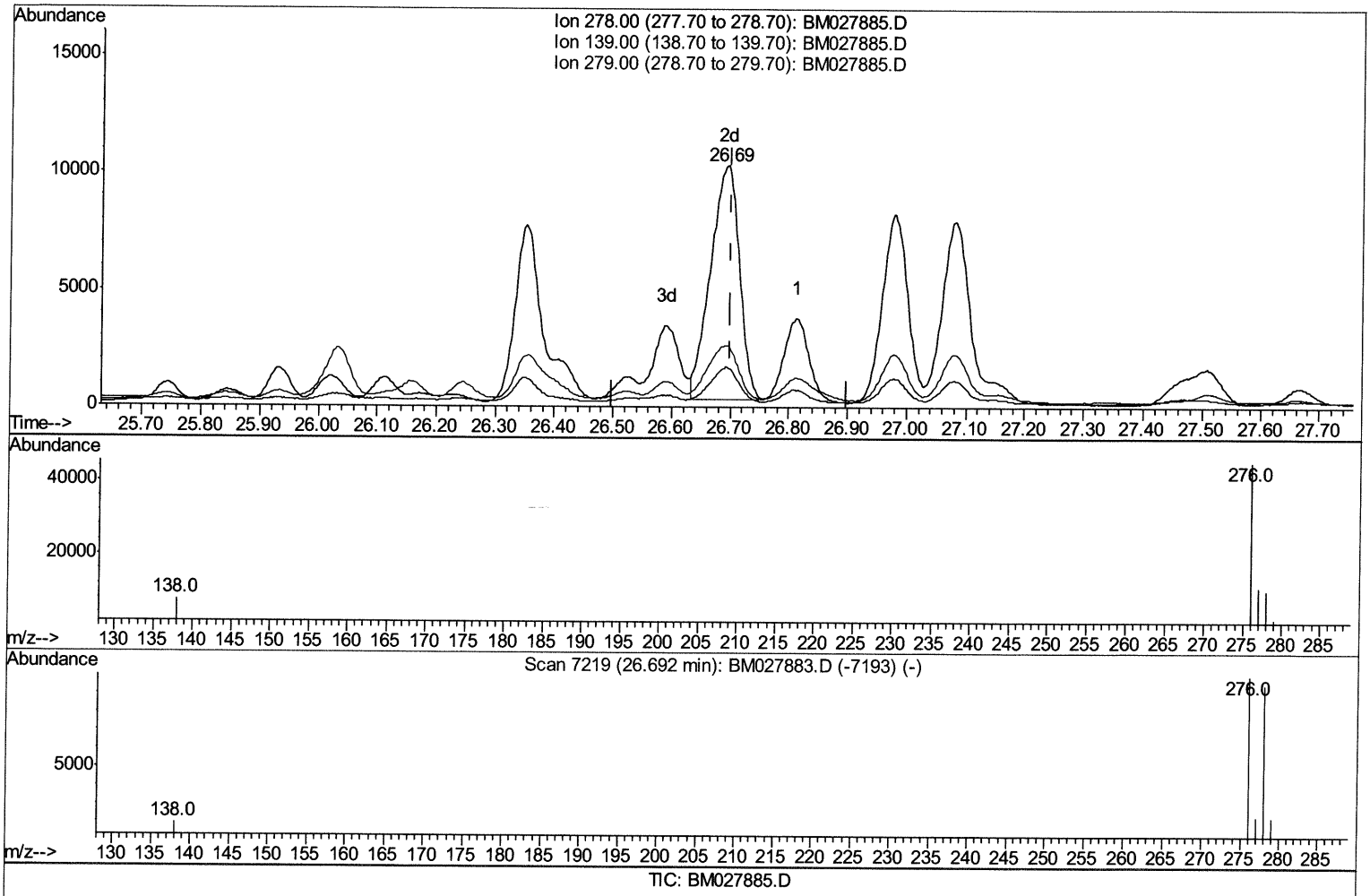
Ion	Exp%	Act%
278.00	100	100
139.00	18.50	18.73
279.00	32.20	33.05
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027885.D
Acq On : 21 Nov 2020 17:30
Operator : JU/CG
Sample : L4711-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Nov 23 04:20:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B33

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:54 AM



TIC: BM027885.D

(25) Dibenzo(a,h)anthracene

26.694min (-0.005) 2.86ng/ul m 11/21/20 JU

response 34428

Ion	Exp%	Act%
278.00	100	100
139.00	18.50	16.59
279.00	32.20	25.68#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027885.D
Acq On : 21 Nov 2020 17:30
Operator : JU/CG
Sample : L4711-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B33

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:54 AM

Quant Time: Nov 23 04:20:52 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.33	152	739	0.40	ng/ul	0.00	
2) Naphthalene-d8	11.17	136	3076	0.40	ng/ul	0.00	
6) Acenaphthene-d10	14.95	164	2069	0.40	ng/ul	0.00	
10) Phenanthrene-d10	17.66	188	4521	0.40	ng/ul	0.00	
16) Chrysene-d12	21.77	240	3868	0.40	ng/ul	0.00	
20) Perylene-d12	24.19	264	3640	0.40	ng/ul	0.00	
System Monitoring Compounds							
4) 2-Methylnaphthalene-d10	12.73	152	930	0.18	ng/ul	0.00	
14) Fluoranthene-d10	19.65	212	2515m>	0.21	ng/ul>	0.00	11/27/20 JU
Target Compounds						Qvalue	
3) Naphthalene	11.22	128	4113	0.446	ng/ul	99	
5) 2-Methylnaphthalene	12.80	142	2766	0.441	ng/ul	99	
7) Acenaphthylene	14.68	152	1847	0.183	ng/ul#	91	
8) Acenaphthene	15.01	153	19434	2.569	ng/ul	99	
9) Fluorene	15.98	166	16980	1.935	ng/ul	99	
12) Phenanthrene	17.70	178	349693	24.486	ng/ul	97	
13) Anthracene	17.79	178	71948	5.223	ng/ul	98	
15) Fluoranthene	19.68	202	736925	46.537	ng/ul	99	
17) Pyrene	20.04	202	622691	31.698	ng/ul	98	
18) Benzo(a)anthracene	21.75	228	294950	18.899	ng/ul	100	
19) Chrysene	21.81	228	319556	21.022	ng/ul	99	
21) Benzo(b)fluoranthene	23.45	252	322400m>	21.075	ng/ul>		11/27/20 JU
22) Benzo(k)fluoranthene	23.50	252	129530m>	8.646	ng/ul>		
23) Benzo(a)pyrene	24.08	252	221746	16.579	ng/ul#	83	
24) Indeno(1,2,3-cd)pyrene	26.69	276	135304	9.343	ng/ul#	95	
25) Dibenzo(a,h)anthracene	26.69	278	34428m>	2.855	ng/ul>		11/27/20 JU
26) Benzo(g,h,i)perylene	27.46	276	117583	9.678	ng/ul	92	

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