Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

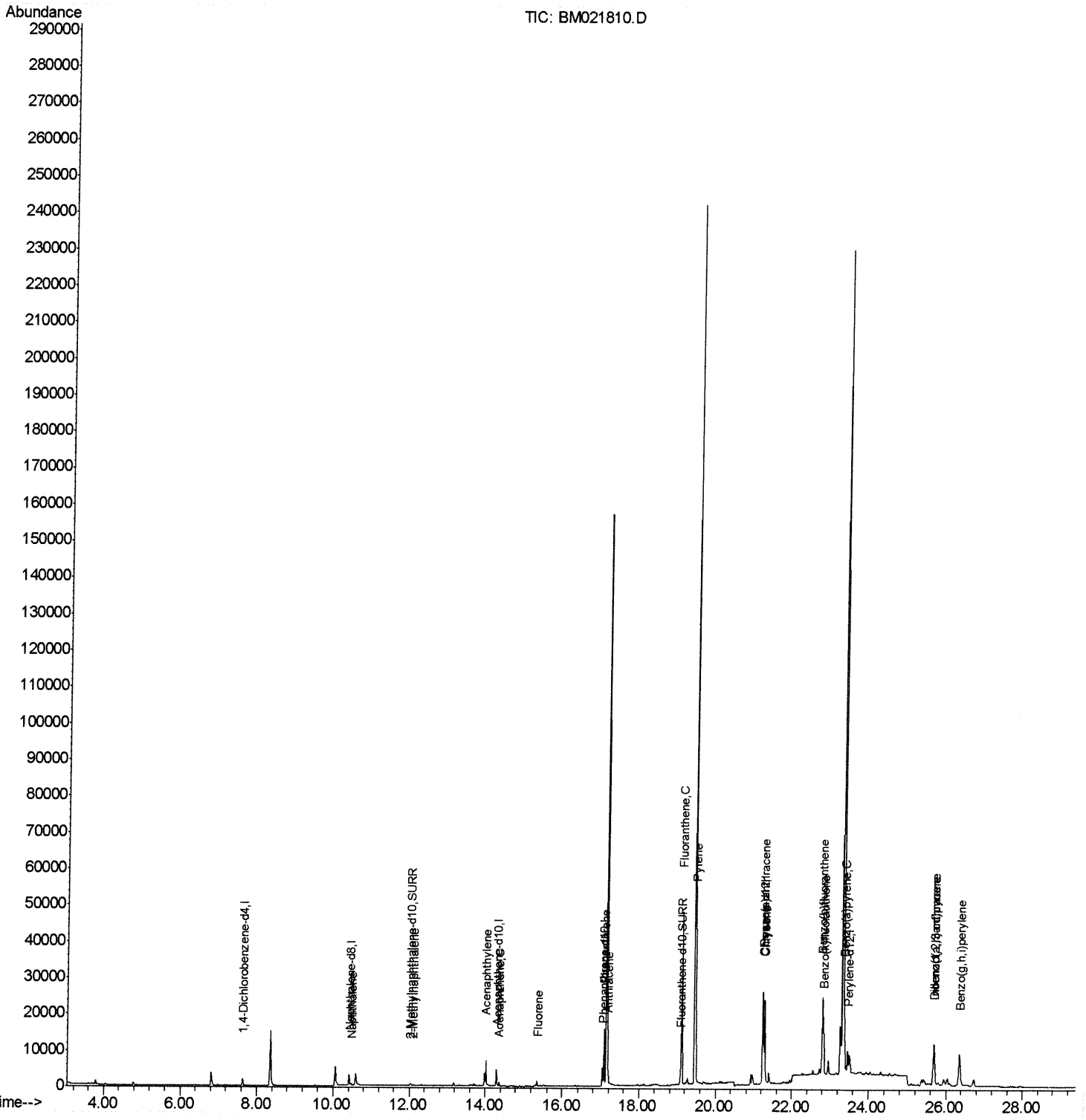
Quantitation Report (QT Reviewed)

Data File : BM021810.D
Acq On : 04 Aug 2019 13:34
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Aug 05 06:41:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations APPROVED
mohammad
8/5/2019 10:15:36 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (Qedit)

Data File : BM021810.D
Acq On : 04 Aug 2019 13:34
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Aug 05 05:30:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
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Manual Integrations APPROVED
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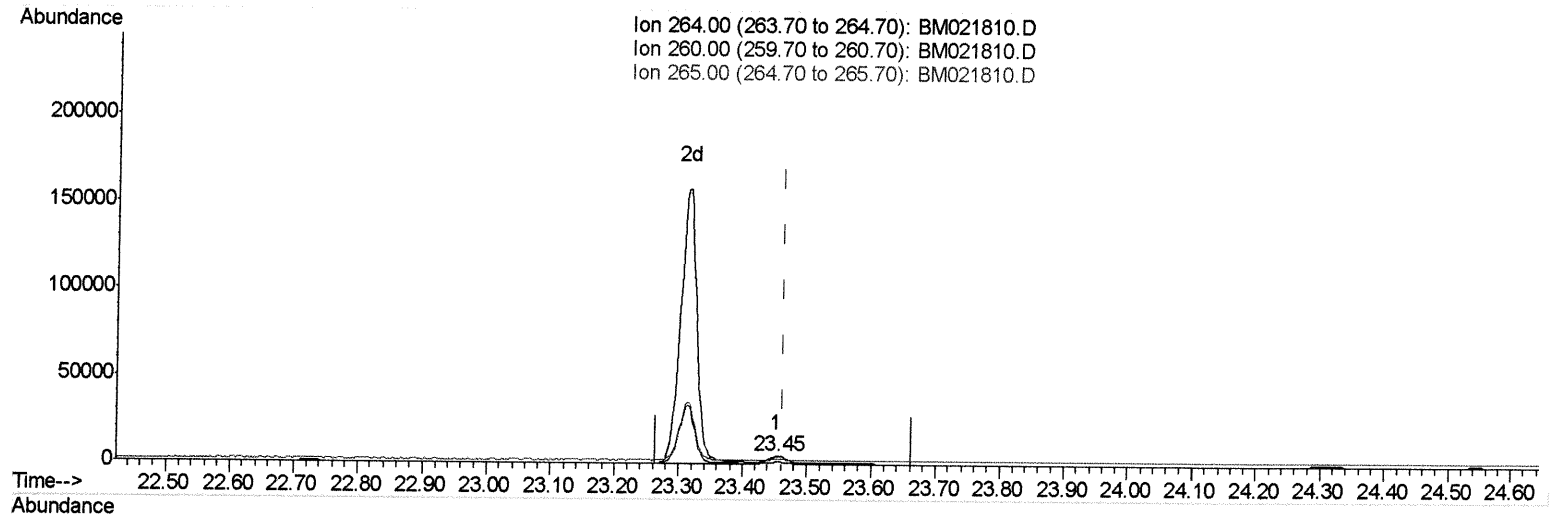

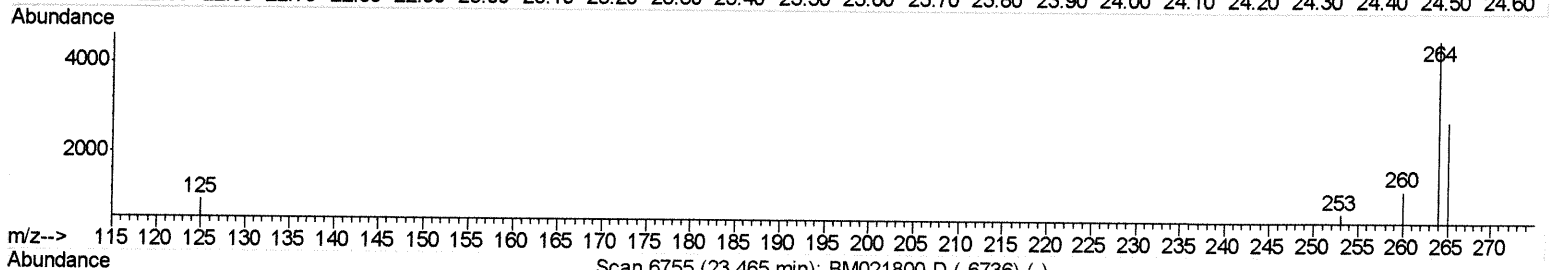

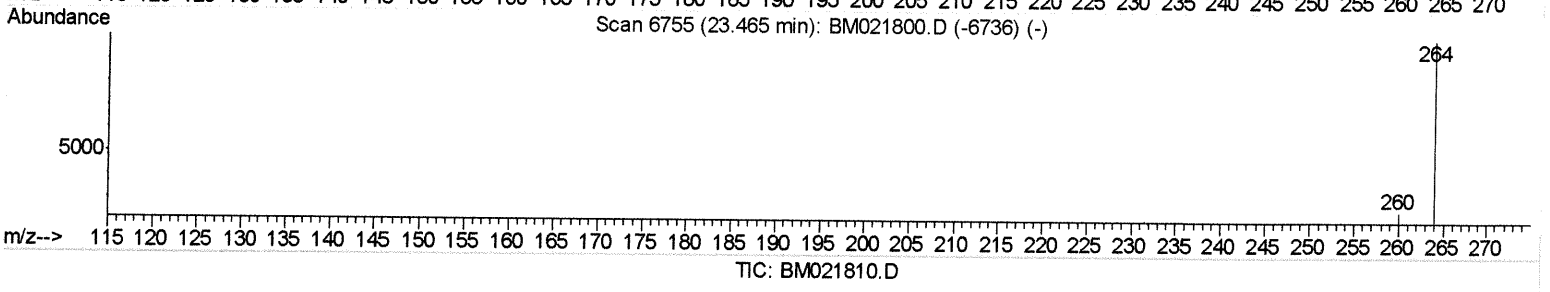

TIC: BM021810.D

(20) Perylene-d12 (I)

23.455min (-0.010) 0.40ng/ul

response 10420

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.01
265.00	117.00	60.67#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (Qedit)

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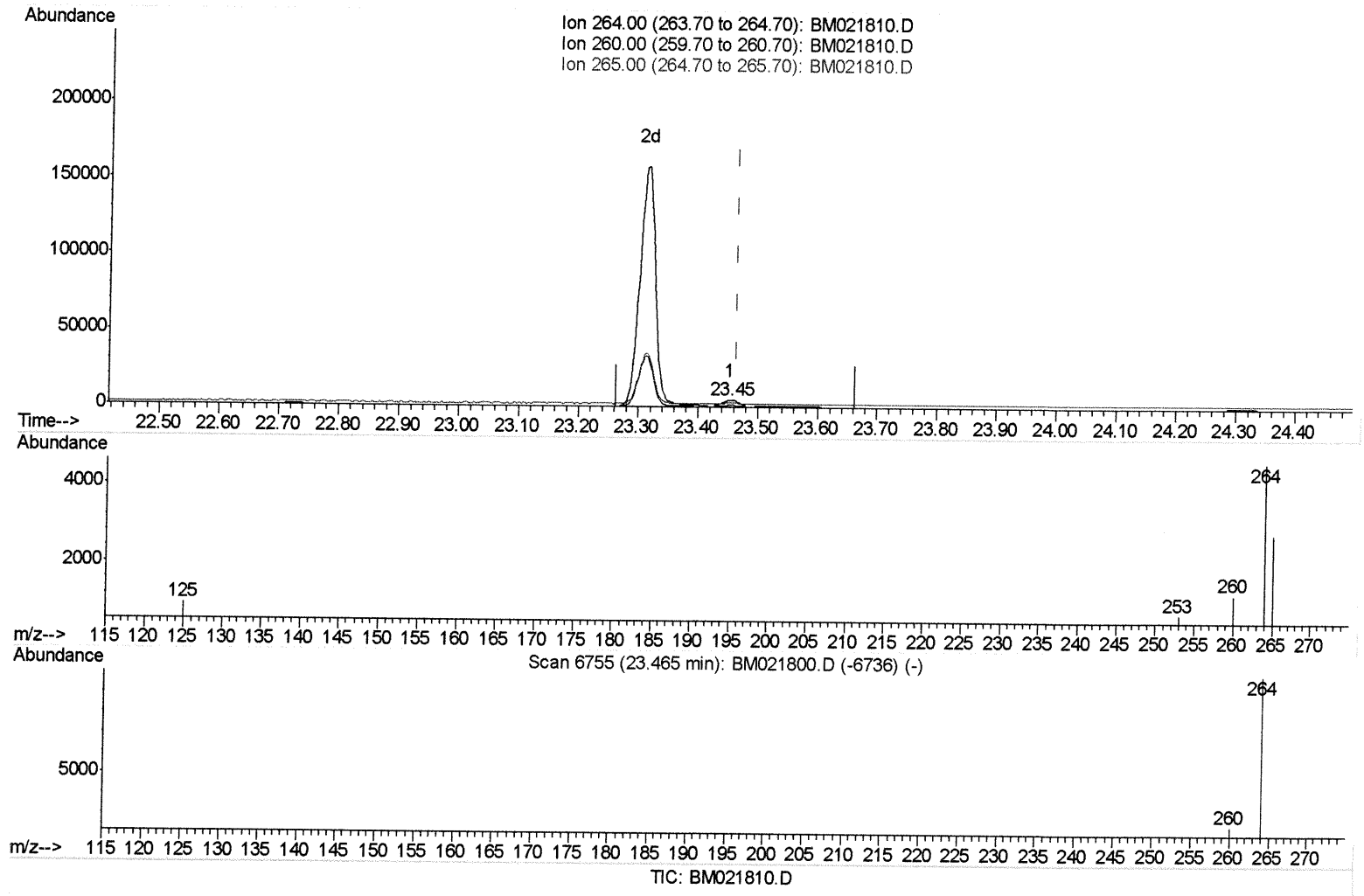
Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations APPROVED
mohammad
8/5/2019 10:15:36 PM



TIC: BM021810.D

(20) Perylene-d12 (I)

23.455min (-0.010) 0.40ng/ul m JU 08/05/19

response 6882

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	27.01
265.00	117.00	60.67#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

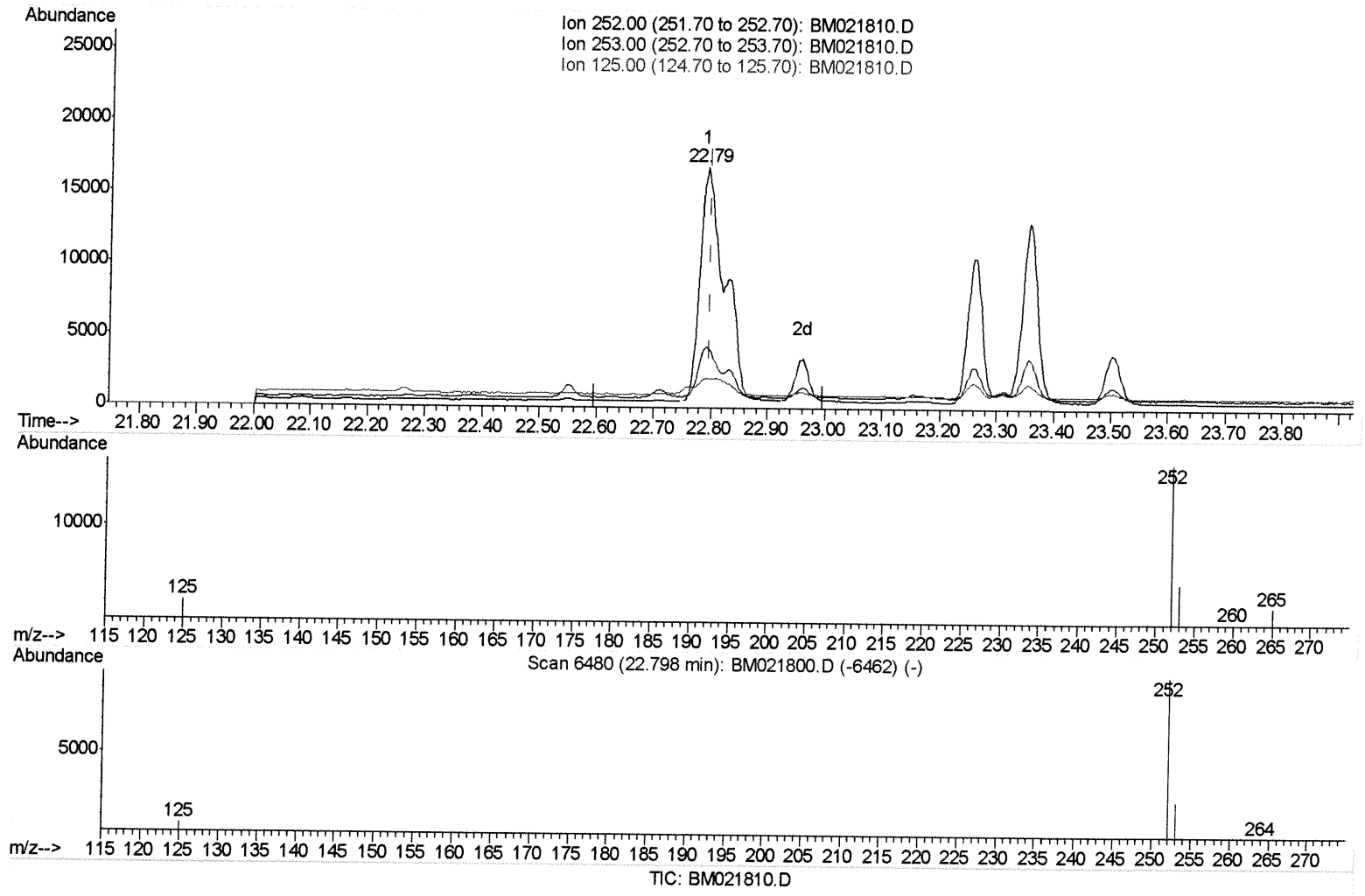
Quantitation Report (Qedit)

Data File : BM021810.D
Acq On : 04 Aug 2019 13:34
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Aug 05 06:40:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations APPROVED
mohammad
8/5/2019 10:15:36 PM



Scan 6480 (22.798 min): BM021800.D (-6462) (-)

TIC: BM021810.D

(21) Benzo(b)fluoranthene

22.791min (-0.007) 2.12ng/ul

response 49271

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.64
125.00	15.50	12.53
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (Qedit)

Data File : BM021810.D
Acq On : 04 Aug 2019 13:34
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Aug 05 06:40:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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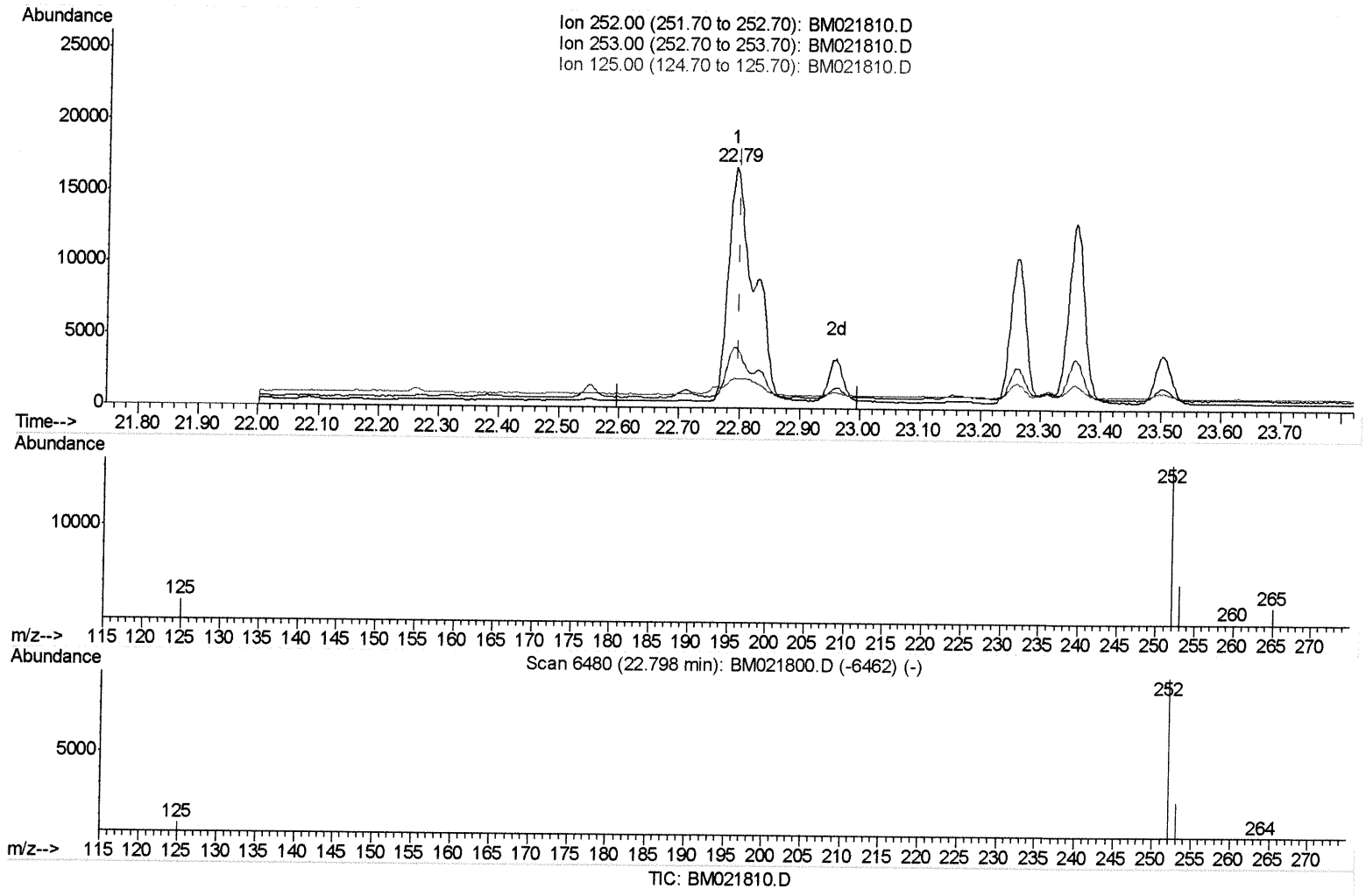
Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations APPROVED
mohammad
8/5/2019 10:15:36 PM



Scan 6480 (22.798 min): BM021800.D (-6462) (-)

TIC: BM021810.D

(21) Benzo(b)fluoranthene

22.791min (-0.007) 1.55ng/ul m JU 08/05/19

response 35962

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.64
125.00	15.50	12.53
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

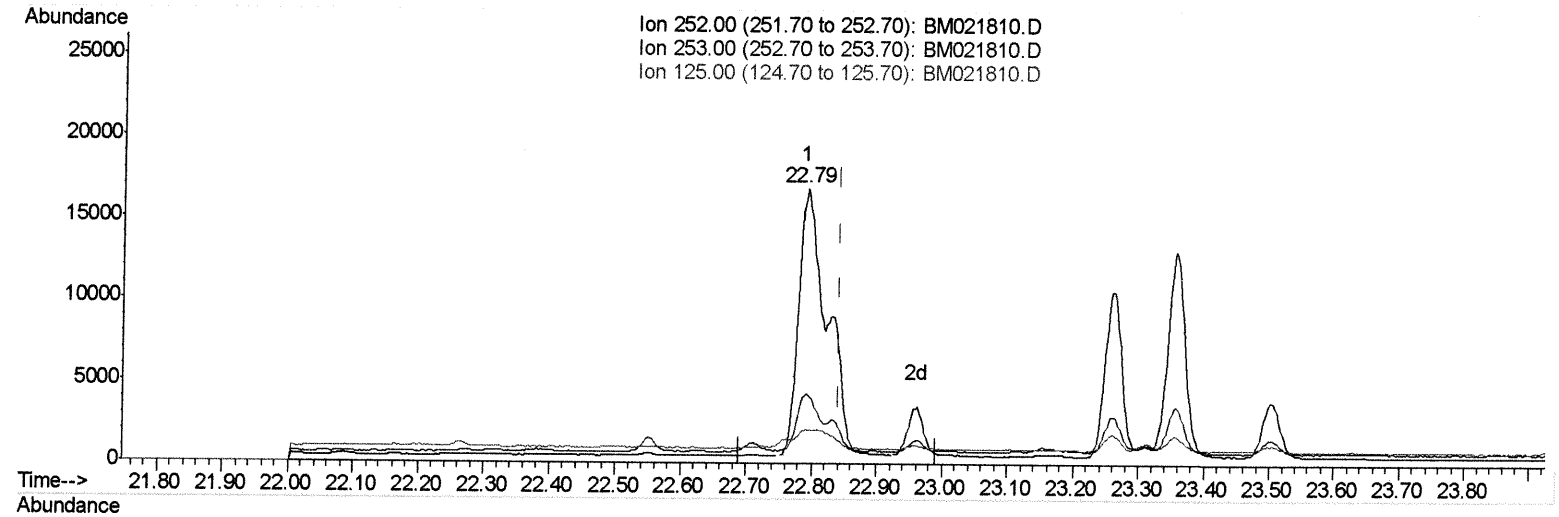
Quantitation Report (Qedit)

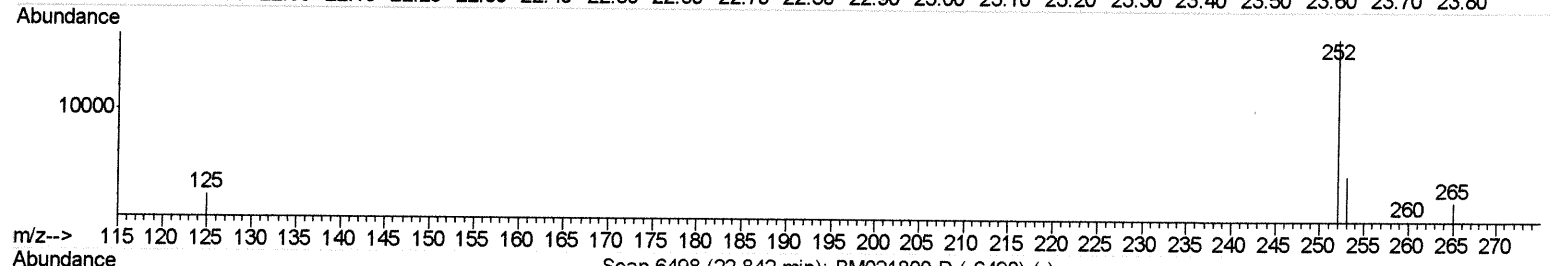
Data File : BM021810.D
Acq On : 04 Aug 2019 13:34
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 53 Sample Multiplier: 1

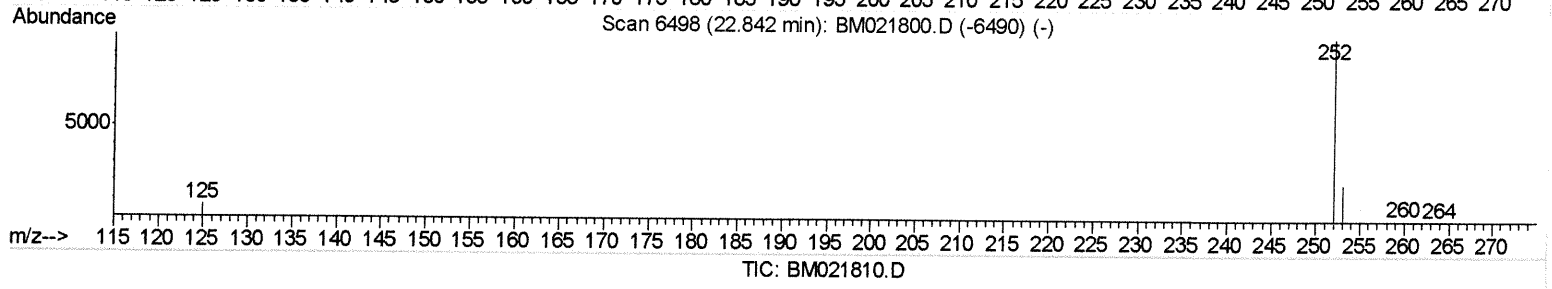
Quant Time: Aug 05 06:40:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations APPROVED
mohammad
8/5/2019 10:15:36 PM







TIC: BM021810.D

(22) Benzo(k)fluoranthene

22.791min (-0.051) 1.88ng/ul

response 49271

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.64#
125.00	15.20	12.53
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

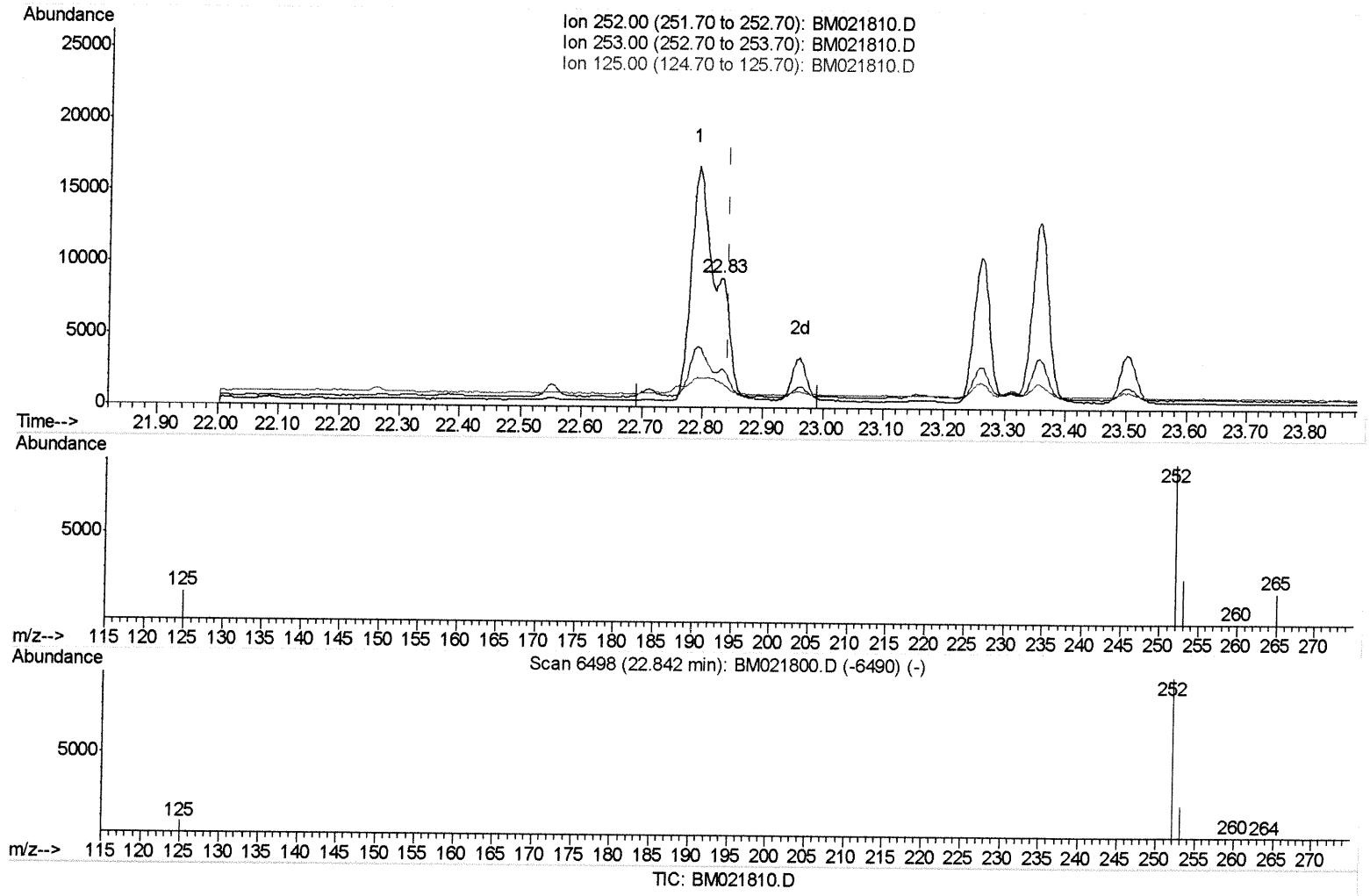
Quantitation Report (Qedit)

Data File : BM021810.D
Acq On : 04 Aug 2019 13:34
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Aug 05 06:40:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENS1

Manual Integrations APPROVED
mohammad
8/5/2019 10:15:36 PM



TIC: BM021810.D

(22) Benzo(k)fluoranthene

22.830min (-0.012) 0.50ng/ul m JU 08/05/19

response 13170

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	29.31
125.00	15.20	18.59#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (QT Reviewed)

Data File : BM021810.D
Acq On : 04 Aug 2019 13:34
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 53 Sample Multiplier: 1

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Manual Integrations APPROVED
mohammad
8/5/2019 10:15:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	996	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3999	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2394	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	6025	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	6340	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6882m>	0.40	ng/ul	0.00 JU 08/08/19
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	850	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	3022	0.15	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.46	128	479	0.042	ng/ul#	71
5) 2-Methylnaphthalene	12.10	142	351	0.047	ng/ul	92
7) Acenaphthylene	14.01	152	2239	0.201	ng/ul	98
8) Acenaphthene	14.35	153	593	0.065	ng/ul	96
9) Fluorene	15.35	166	866	0.085	ng/ul#	98
12) Phenanthrene	17.08	178	16648	0.950	ng/ul	97
13) Anthracene	17.18	178	3702	0.248	ng/ul	96
15) Fluoranthene	19.11	202	42525	1.811	ng/ul	95
17) Pyrene	19.47	202	35517	1.363	ng/ul	98
18) Benzo(a)anthracene	21.22	228	20983	0.925	ng/ul	98
19) Chrysene	21.28	228	23909	0.820	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	35962m>	1.550	ng/ul	2 JU 08/08/19
22) Benzo(k)fluoranthene	22.83	252	13170m>	0.501	ng/ul	
23) Benzo(a)pyrene	23.36	252	23343	0.989	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.67	276	19725	0.700	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.68	278	4558	0.200	ng/ul#	77
26) Benzo(g,h,i)perylene	26.35	276	18895	0.745	ng/ul	97

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