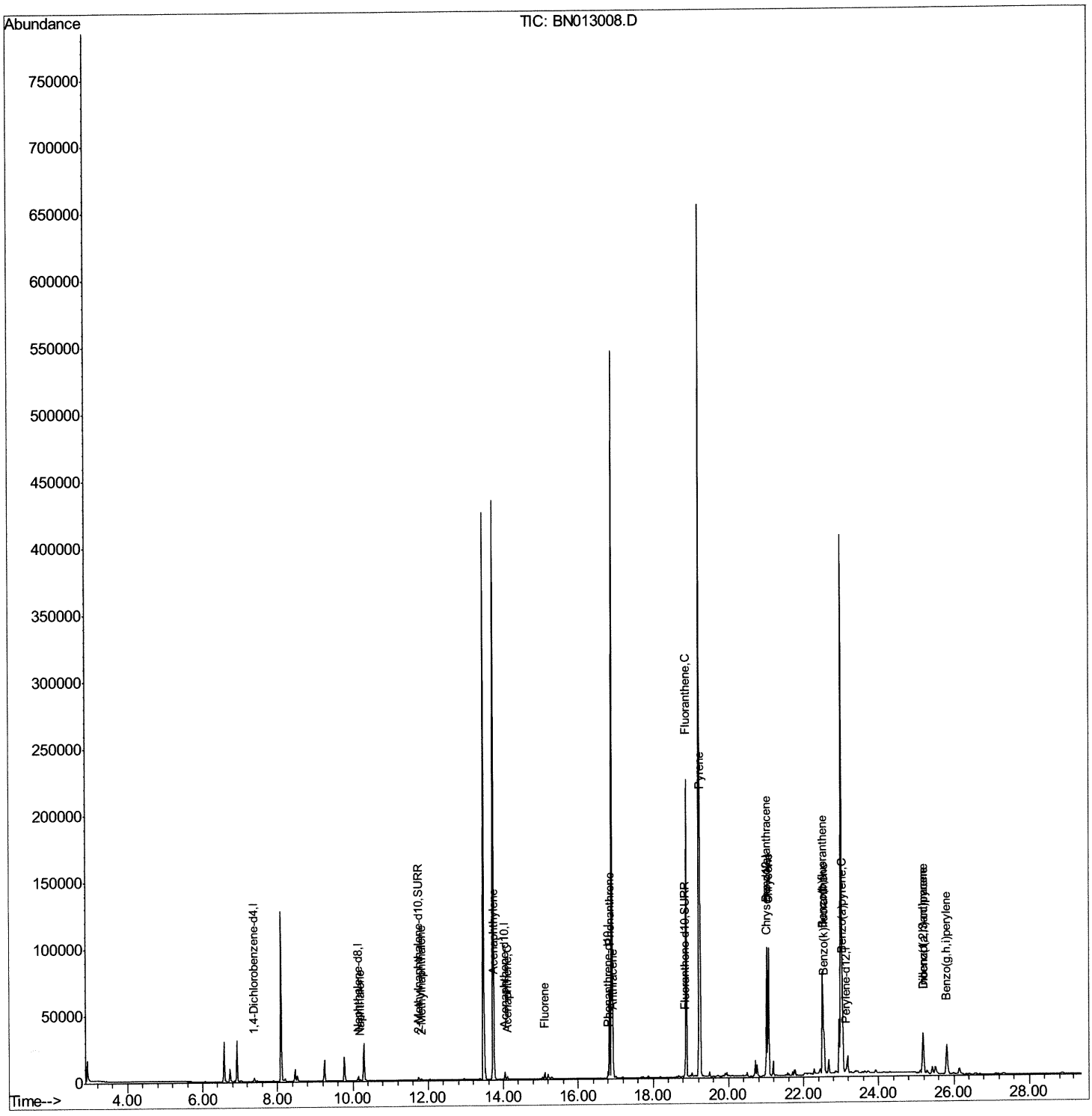
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013008.D
Acq On : 09 Dec 2020 12:03
Operator : CG/JU
Sample : L4862-08
Misc :
ALS Vial : 78 Sample Multiplier: 1

Quant Time: Dec 09 12:36:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B62

Manual Integrations APPROVED
mohammad
12/9/2020 5:39:27 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013008.D
Acq On : 09 Dec 2020 12:03
Operator : CG/JU
Sample : L4862-08
Misc :
ALS Vial : 78 Sample Multiplier: 1

Quant Time: Dec 09 12:34:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
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ClientSampleId :
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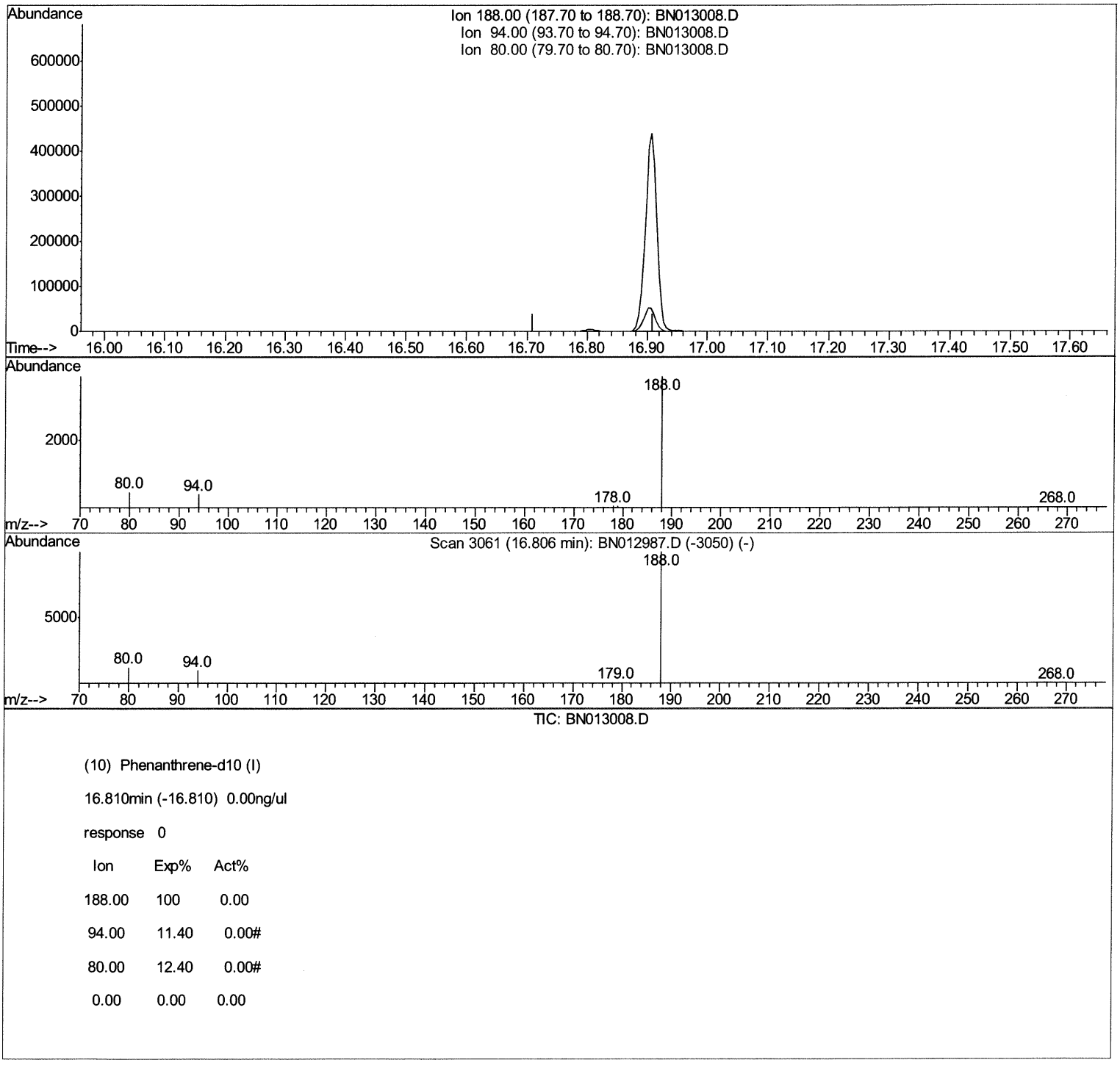
Manual Integrations APPROVED
mohammad
12/9/2020 5:39:27 PM



TIC: BN013008.D

(10) Phenanthrene-d10 (I)

16.810min (-16.810) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.40	0.00#
80.00	12.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
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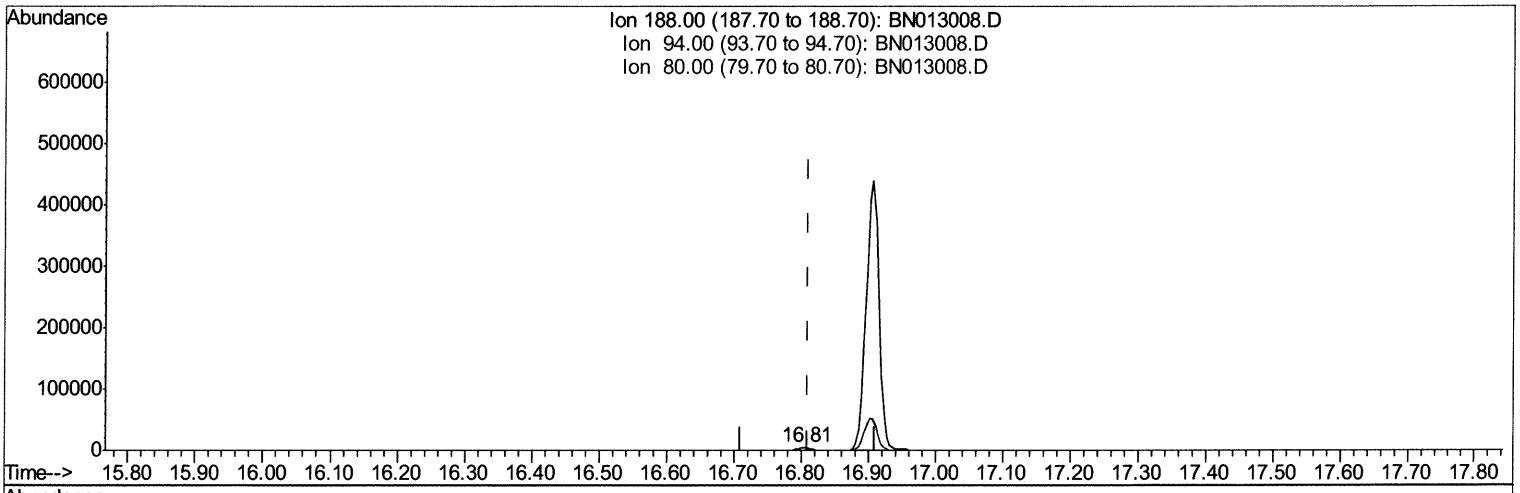
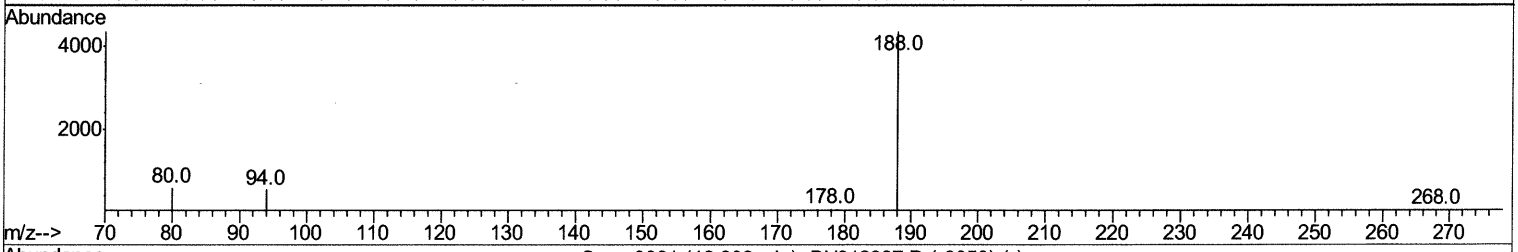
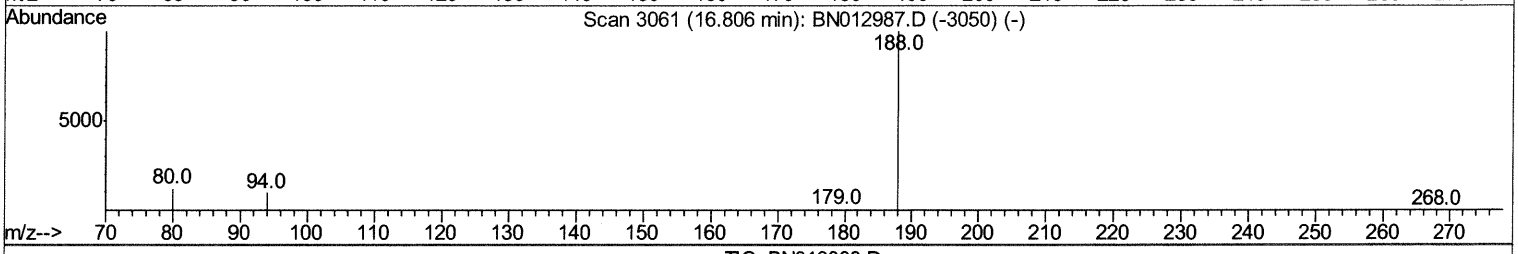
Manual Integrations APPROVED
mohammad
12/9/2020 5:39:27 PM







TIC: BN013008.D

(10) Phenanthrene-d10 (I)

16.805min (-0.005) 0.40ng/ul m 12/9/2020

response 5994

Ion	Exp%	Act%
188.00	100	100
94.00	11.40	12.29
80.00	12.40	13.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013008.D
Acq On : 09 Dec 2020 12:03
Operator : CG/JU
Sample : L4862-08
Misc :
ALS Vial : 78 Sample Multiplier: 1

Quant Time: Dec 09 12:35:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
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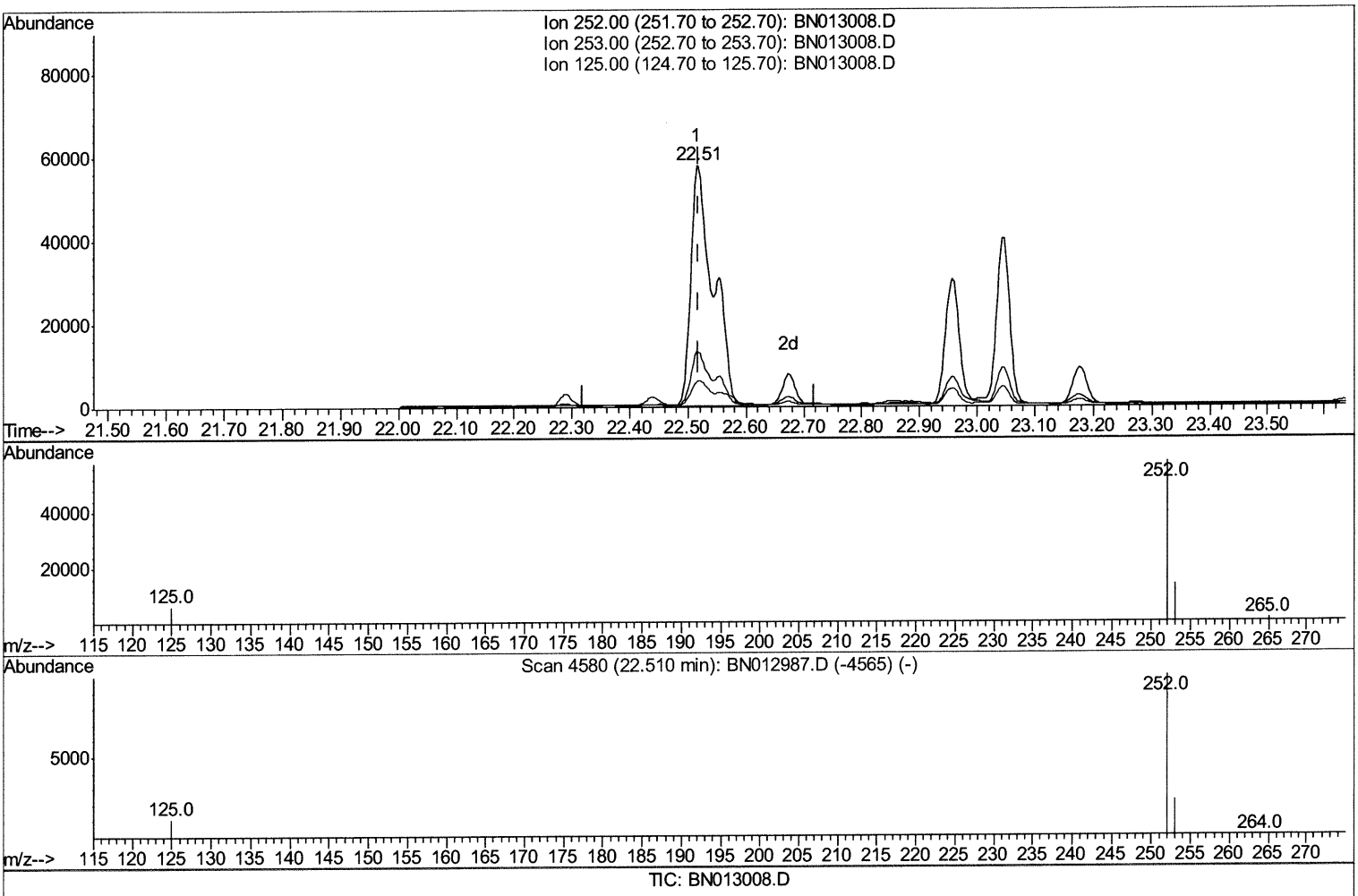
Instrument :
BNA_N
ClientSampleId :
C0B62

Manual Integrations APPROVED
mohammad
12/9/2020 5:39:27 PM



TIC: BN013008.D

(21) Benzo(b)fluoranthene

22.515min (-0.004) 8.33ng/ul

response 152614

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	23.14
125.00	13.00	10.57
0.00	0.00	0.00

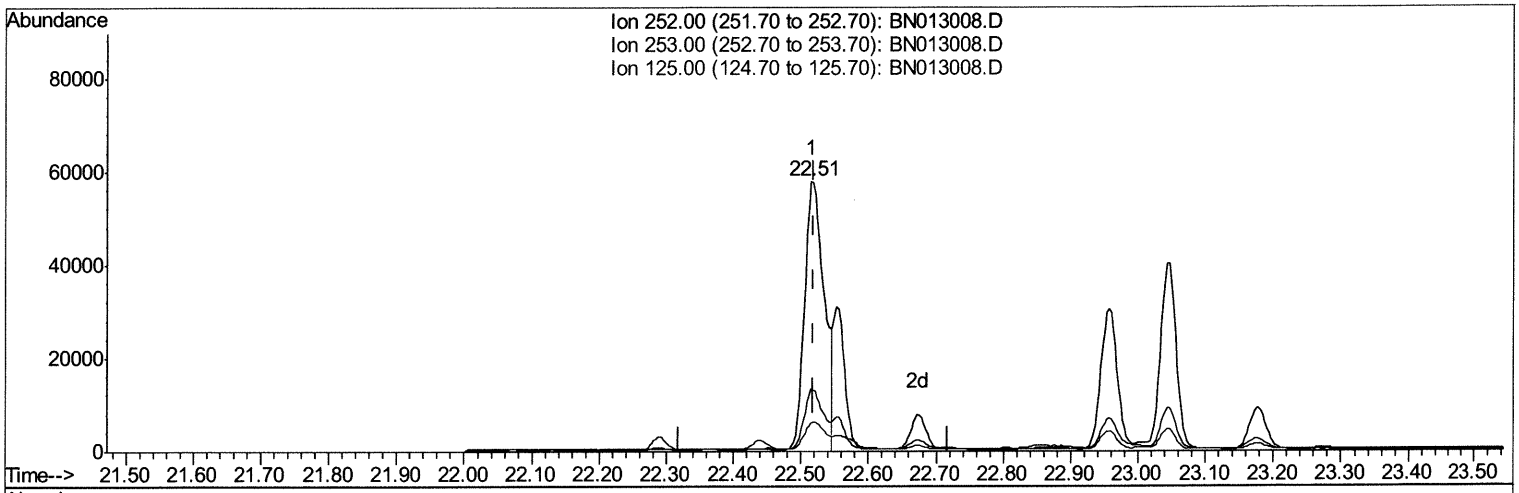
Quantitation Report (Qedit)

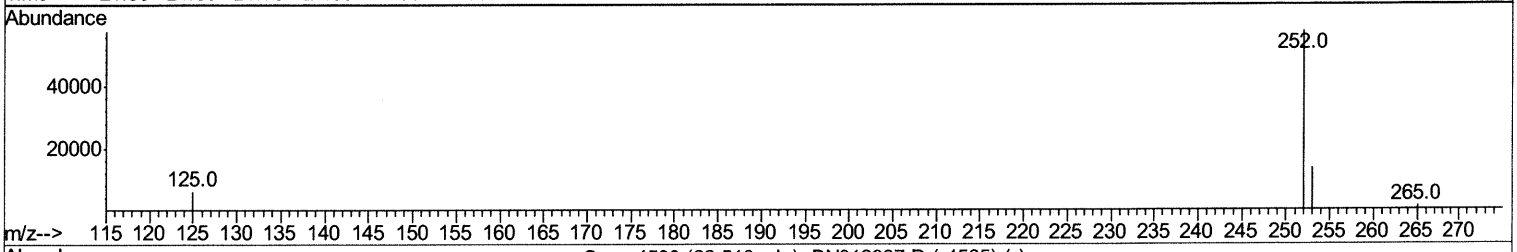
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013008.D
Acq On : 09 Dec 2020 12:03
Operator : CG/JU
Sample : L4862-08
Misc :
ALS Vial : 78 Sample Multiplier: 1

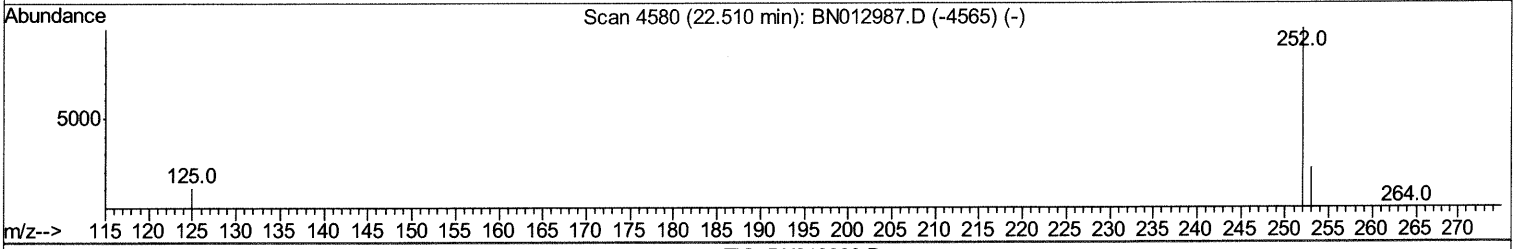
Quant Time: Dec 09 12:35:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B62

Manual Integrations APPROVED
mohammad
12/9/2020 5:39:27 PM







TIC: BN013008.D

(21) Benzo(b)fluoranthene

22.515min (-0.004) 6.33ng/ul m 12/10/2020

response 116010

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	23.14
125.00	13.00	10.57
0.00	0.00	0.00

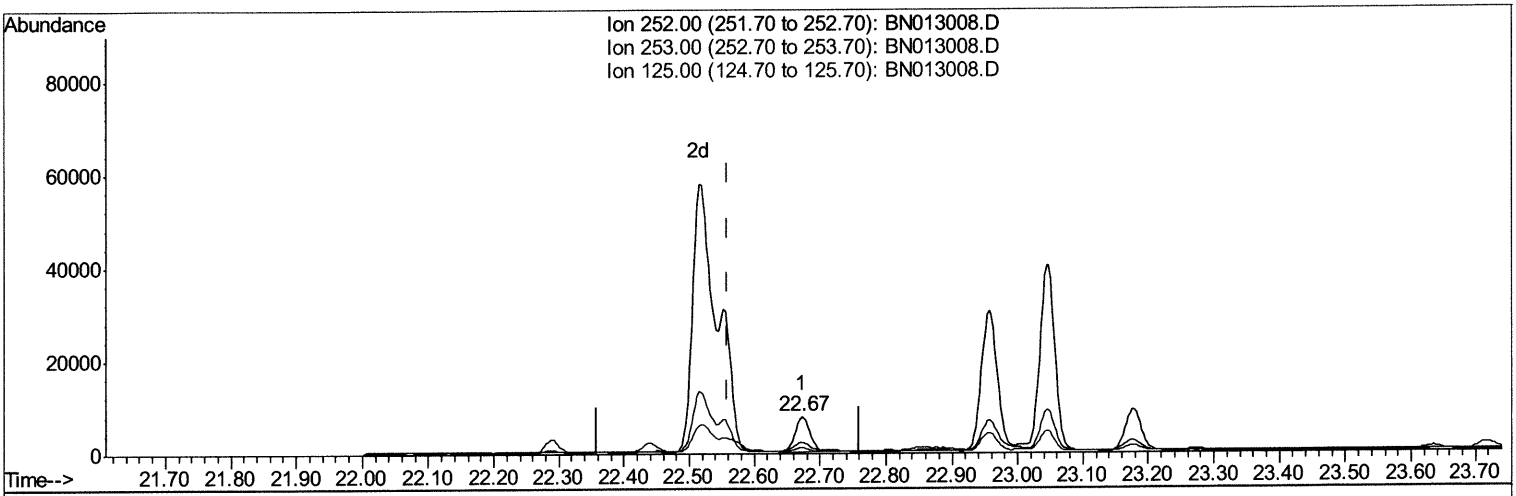
Quantitation Report (Qedit)

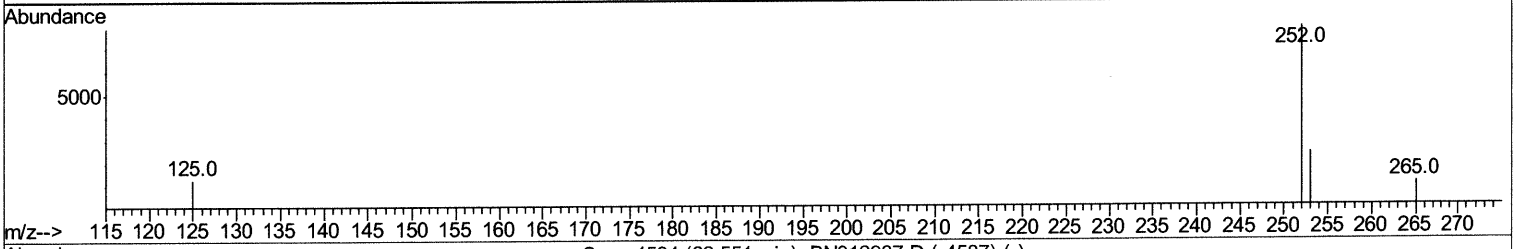
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013008.D
Acq On : 09 Dec 2020 12:03
Operator : CG/JU
Sample : L4862-08
Misc :
ALS Vial : 78 Sample Multiplier: 1

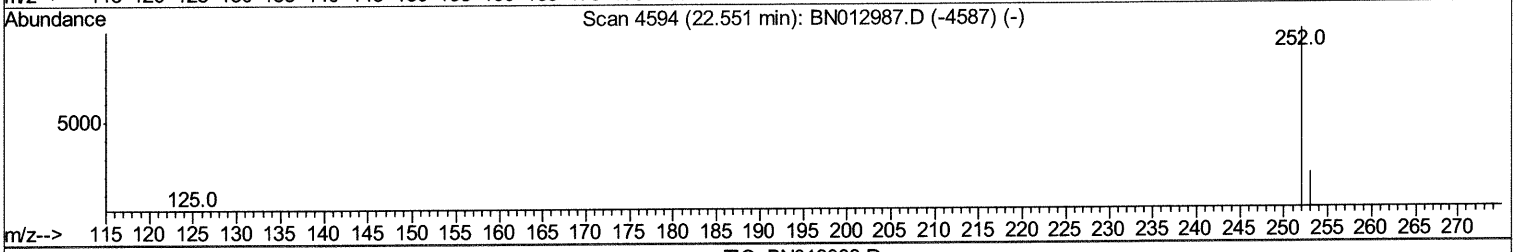
Quant Time: Dec 09 12:35:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B62

Manual Integrations APPROVED
mohammad
12/9/2020 5:39:27 PM







TIC: BN013008.D

(22) Benzo(k)fluoranthene

22.673min (+0.113) 0.59ng/ul

response 11908

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	30.24
125.00	13.90	16.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013008.D
Acq On : 09 Dec 2020 12:03
Operator : CG/JU
Sample : L4862-08
Misc :
ALS Vial : 78 Sample Multiplier: 1

Quant Time: Dec 09 12:35:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
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Instrument :
BNA_N
ClientSampleId :
C0B62

Manual Integrations APPROVED
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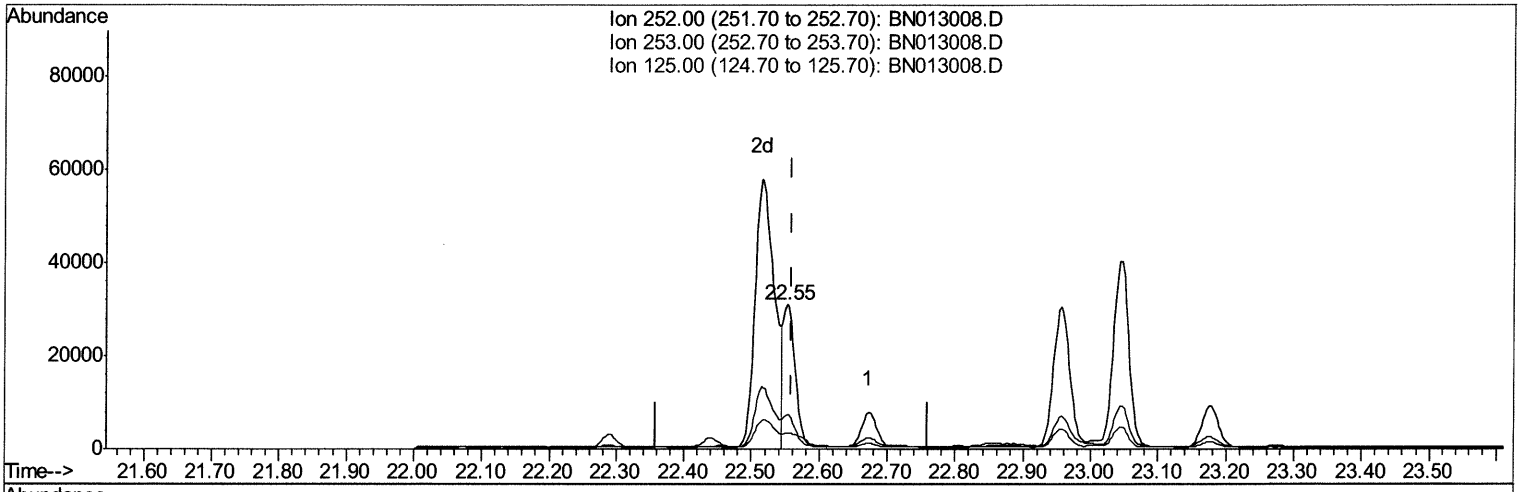

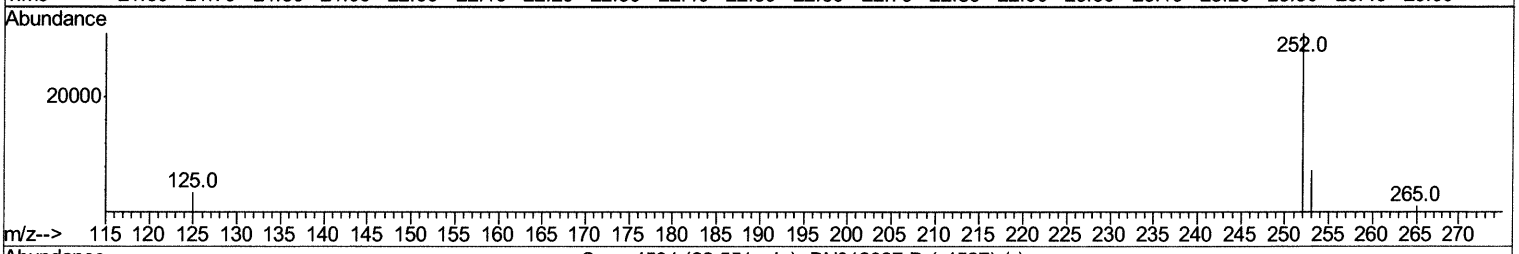

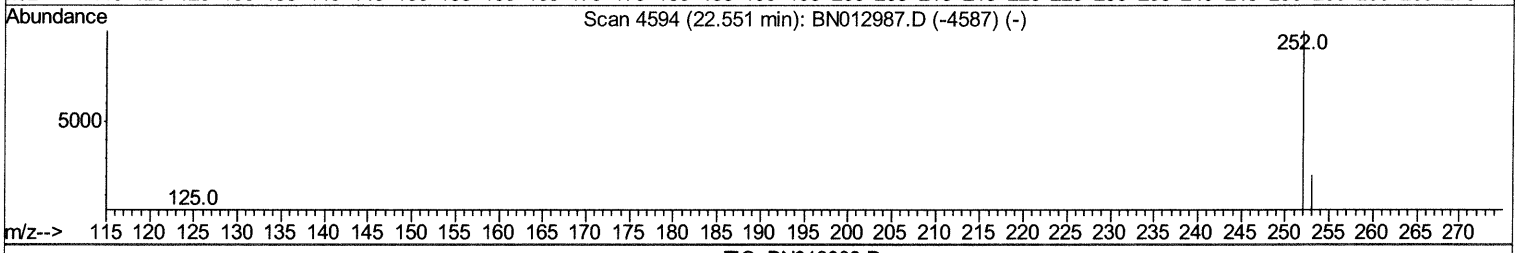

TIC: BN013008.D

(22) Benzo(k)fluoranthene

22.553min (-0.007) 1.94ng/ul m 12/10/2020

response 39331

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	23.62
125.00	13.90	11.15
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN120720\
Data File : BN013008.D
Acq On : 09 Dec 2020 12:03
Operator : CG/JU
Sample : L4862-08
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B62

Manual Integrations APPROVED
mohammad
12/9/2020 5:39:27 PM

Quant Time: Dec 09 12:36:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.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	7.38	152	1128	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.15	136	4658	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2731	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5994m >	0.40	ng/ul >	0.00
16) Chrysene-d12	21.03	240	4829	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3962	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	2676	0.39	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	5820	0.36	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	999	0.074	ng/ul#	94
5) 2-Methylnaphthalene	11.82	142	466	0.053	ng/ul	100
7) Acenaphthylene	13.76	152	6478	0.501	ng/ul	95
8) Acenaphthene	14.11	153	1075	0.101	ng/ul	98
9) Fluorene	15.11	166	2976	0.245	ng/ul	98
12) Phenanthrene	16.85	178	66488	3.308	ng/ul	97
13) Anthracene	16.94	178	12751	0.746	ng/ul	95
15) Fluoranthene	18.88	202	186843	7.824	ng/ul	99
17) Pyrene	19.25	202	143980	6.312	ng/ul	100
18) Benzo(a)anthracene	21.02	228	74372	3.722	ng/ul	98
19) Chrysene	21.07	228	88861	4.025	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	116010m >	6.329	ng/ul >	98
22) Benzo(k)fluoranthene	22.55	252	39331m >	1.941	ng/ul >	98
23) Benzo(a)pyrene	23.04	252	65047	3.825	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.19	276	45592	2.041	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	11390	0.645	ng/ul	94
26) Benzo(g,h,i)perylene	25.81	276	43035	2.130	ng/ul	96

12/10/20 JU

12/10/20 JU

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