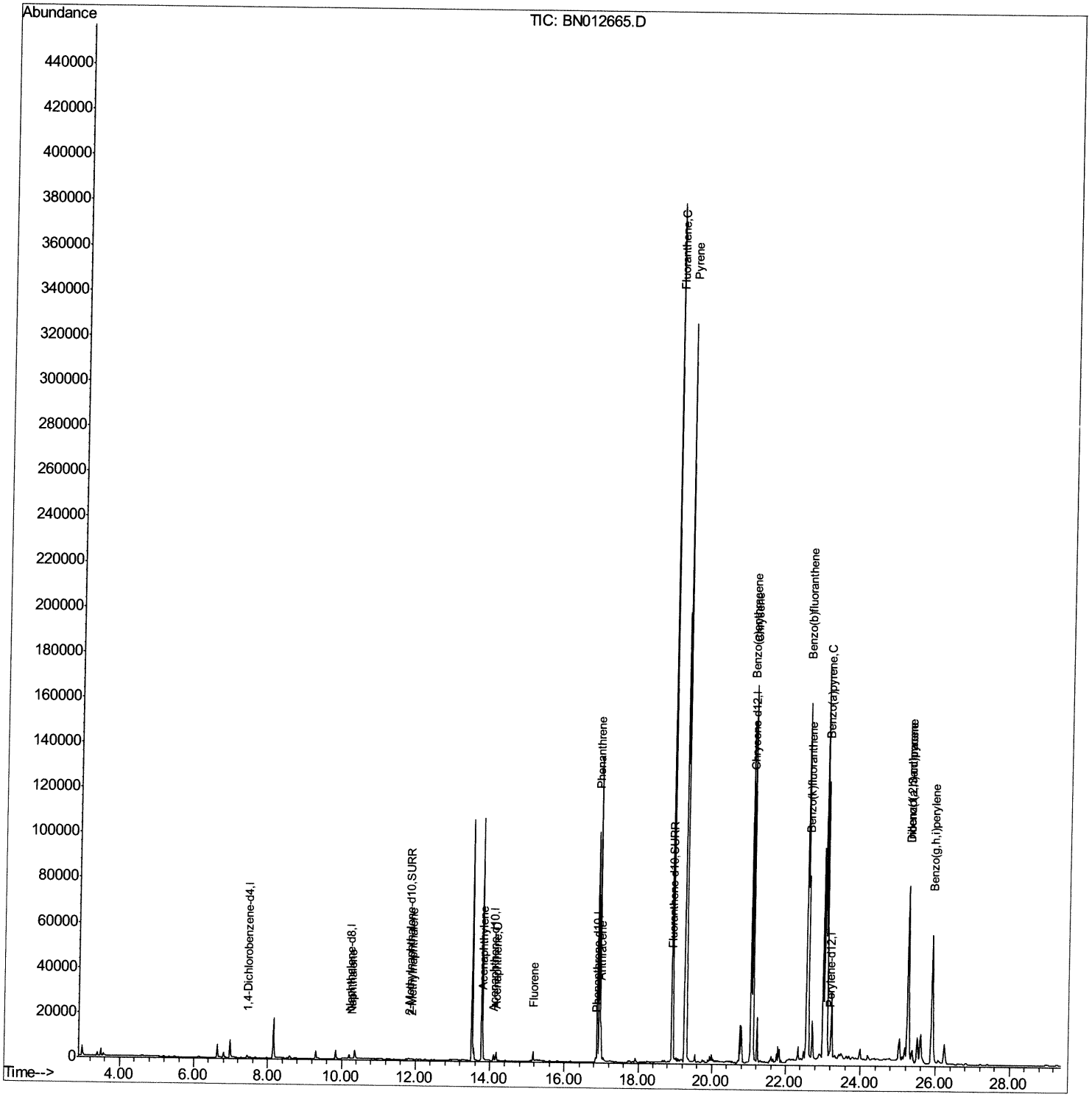
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012665.D
Acq On : 20 Nov 2020 18:51
Operator : CG/JU
Sample : L4710-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 21 00:24:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B40

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:02 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012665.D
Acq On : 20 Nov 2020 18:51
Operator : CG/JU
Sample : L4710-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 21 00:19:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
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Instrument :
BNA_N
ClientSampleId :
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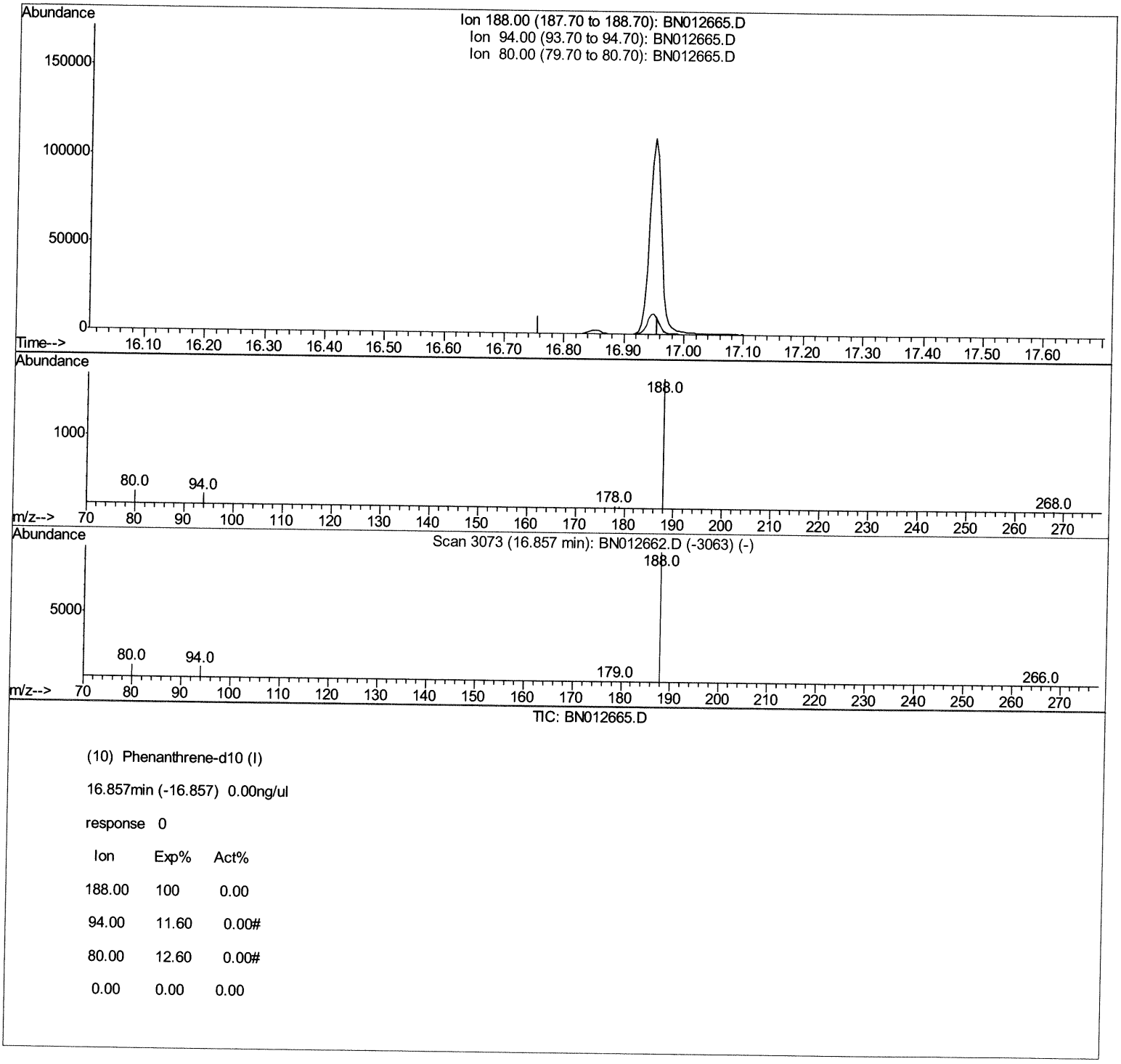
Manual Integrations APPROVED
mohammad
11/24/2020 8:56:02 AM



(10) Phenanthrene-d10 (I)

16.857min (-16.857) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.60	0.00#
80.00	12.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
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Acq On : 20 Nov 2020 18:51
Operator : CG/JU
Sample : L4710-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 21 00:19:17 2020
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Instrument :
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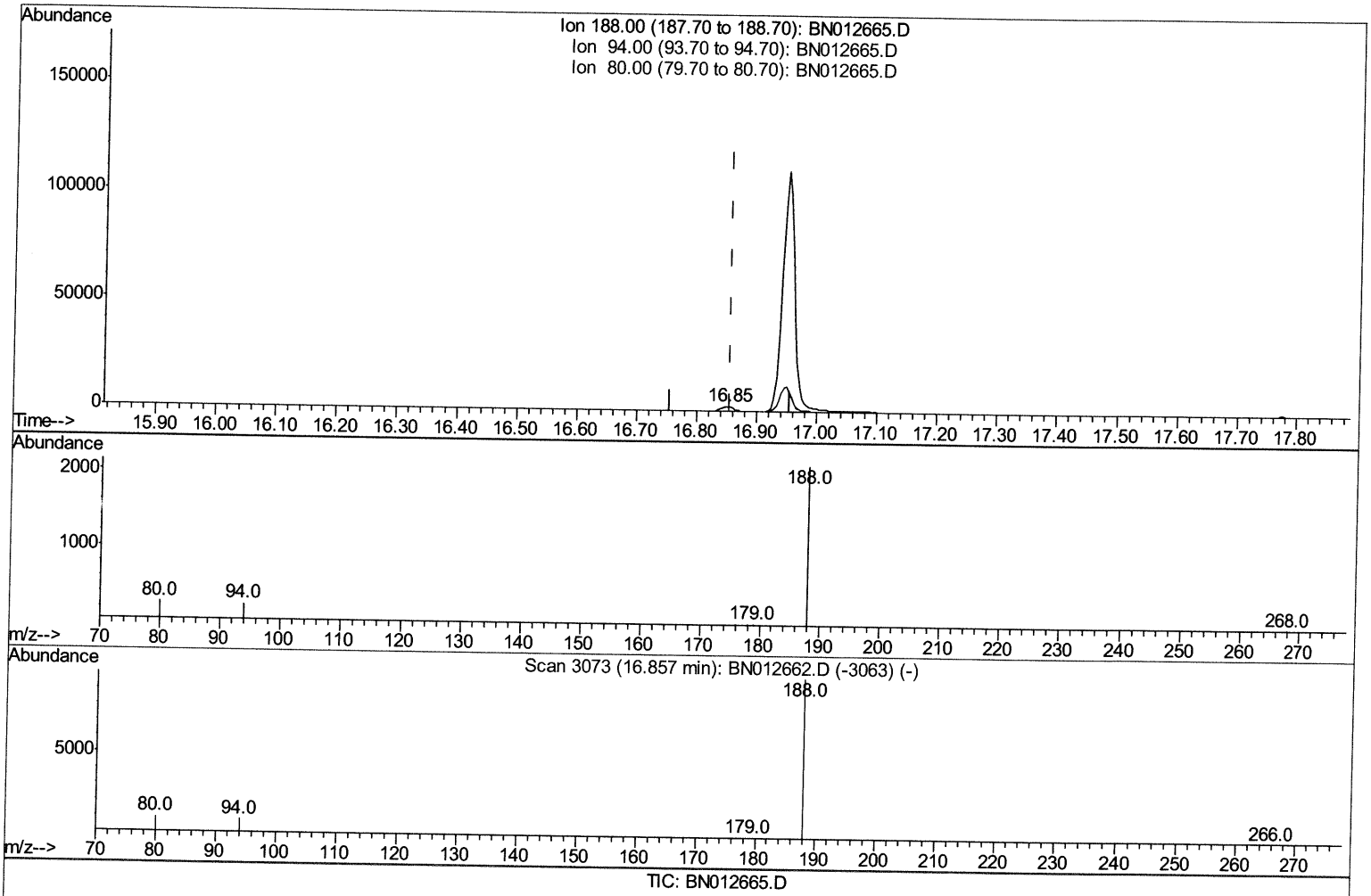
ClientSampleId :
C0B40

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:02 AM



(10) Phenanthrene-d10 (I)

16.852min (-0.004) 0.40ng/ul m 11/27/20 JU

response 2945

Ion	Exp%	Act%
188.00	100	100
94.00	11.60	11.54
80.00	12.60	12.76
0.00	0.00	0.00

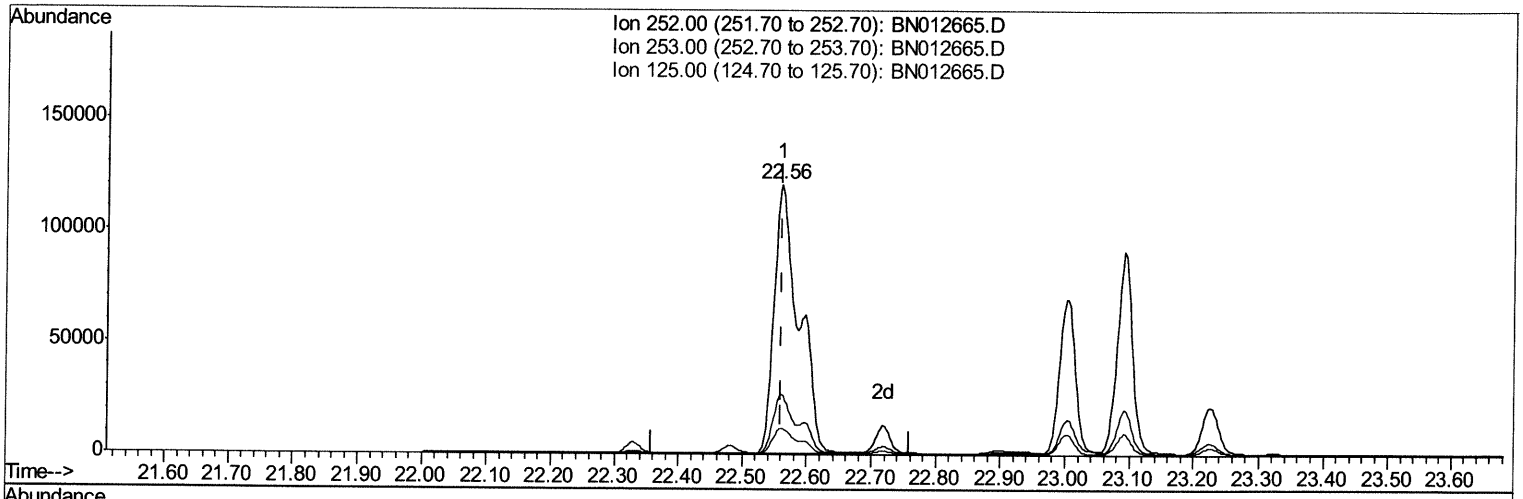
Quantitation Report (Qedit)

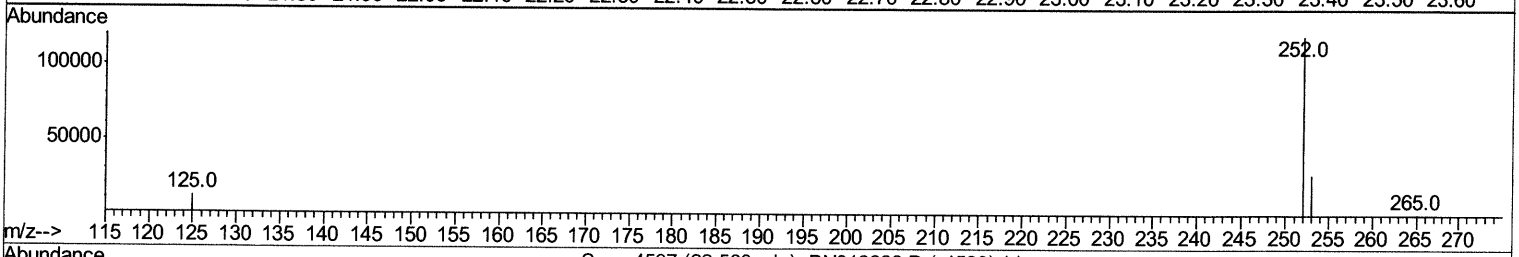
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012665.D
Acq On : 20 Nov 2020 18:51
Operator : CG/JU
Sample : L4710-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

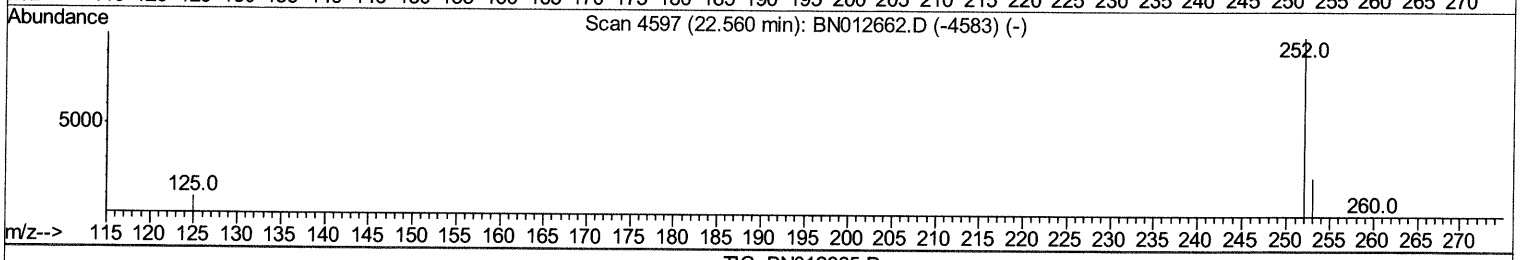
Quant Time: Nov 21 00:22:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B40

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:02 AM







TIC: BN012665.D

(21) Benzo(b)fluoranthene

22.559min (-0.000) 22.74ng/ul

response 324130

Ion	Exp%	Act%
252.00	100	100
253.00	29.20	22.43
125.00	14.30	9.68
0.00	0.00	0.00

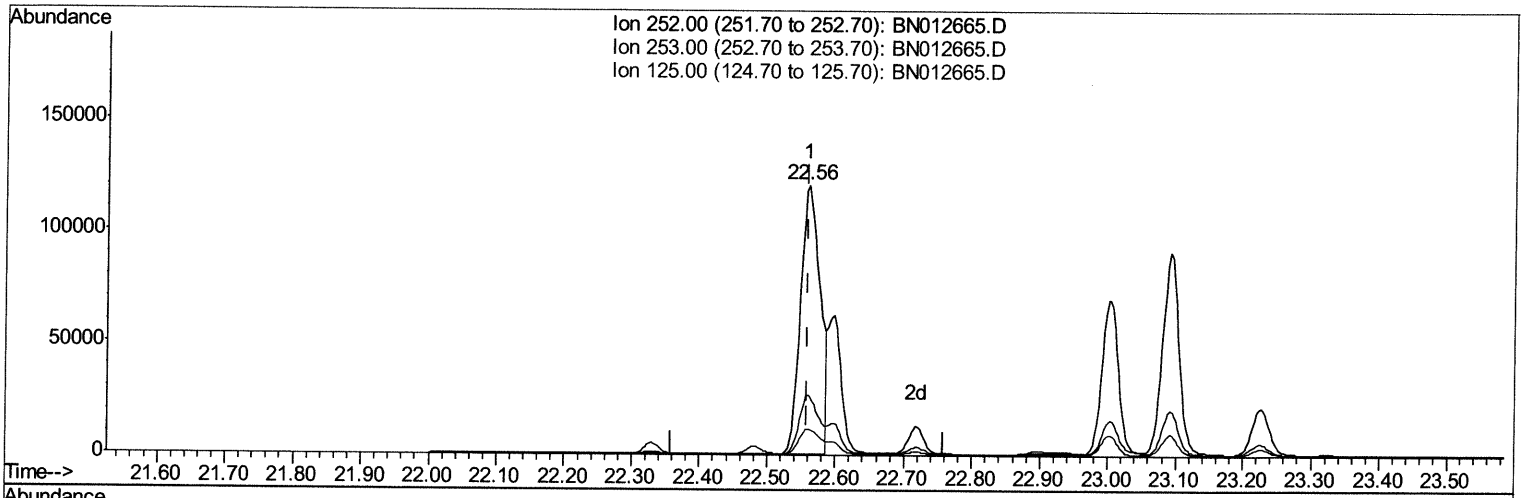
Quantitation Report (Qedit)

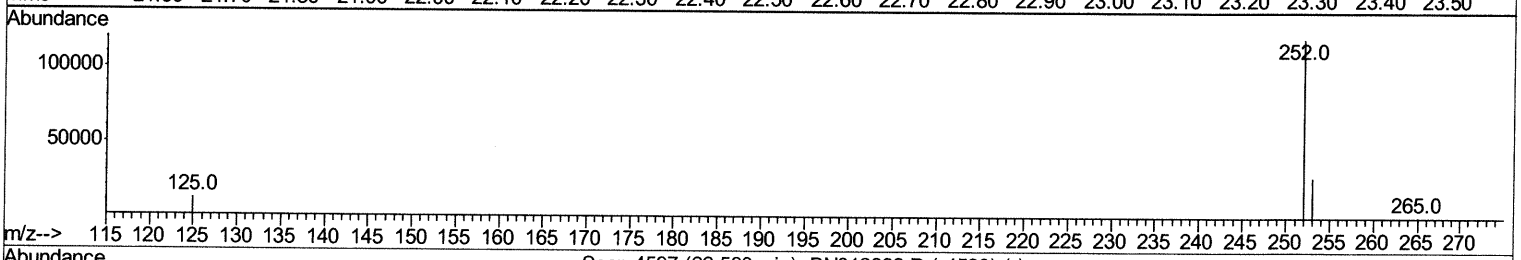
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012665.D
Acq On : 20 Nov 2020 18:51
Operator : CG/JU
Sample : L4710-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

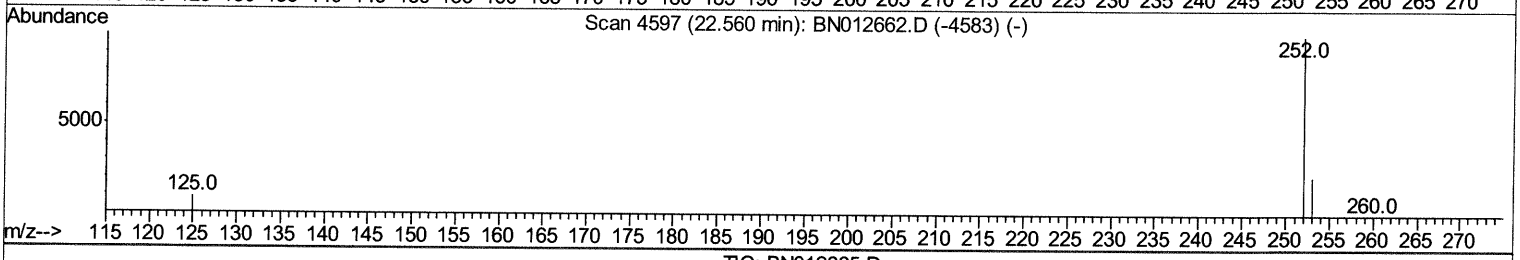
Quant Time: Nov 21 00:22:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0B40

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:02 AM







(21) Benzo(b)fluoranthene

22.559min (-0.000) 16.71ng/ul m 11/27/20 JJ

response 238176

Ion	Exp%	Act%
252.00	100	100
253.00	29.20	22.43
125.00	14.30	9.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012665.D
Acq On : 20 Nov 2020 18:51
Operator : CG/JU
Sample : L4710-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 21 00:22:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
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QLast Update : Sat Nov 21 00:16:07 2020
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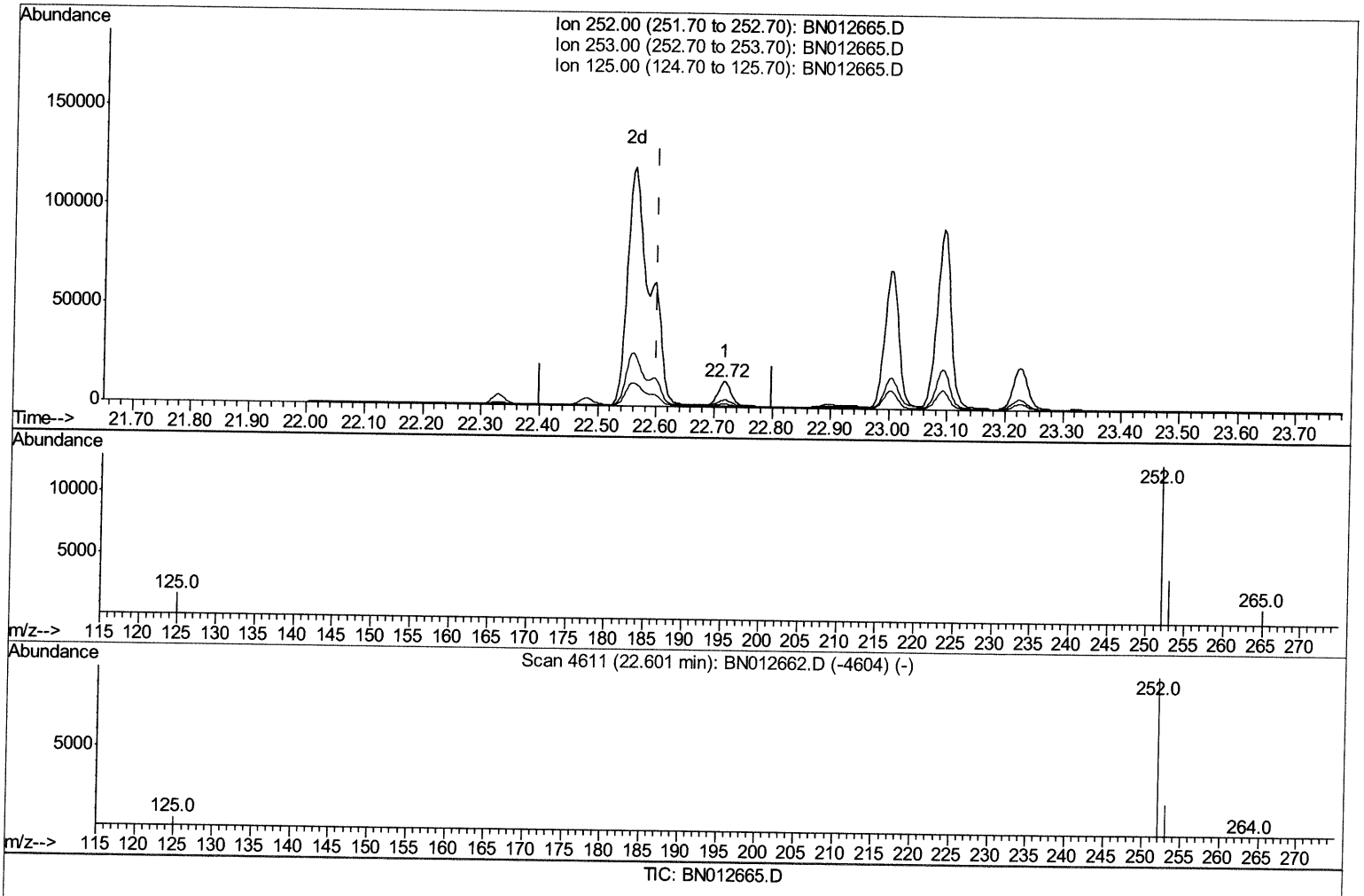
Instrument :
BNA_N
ClientSampleId :
C0B40

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:02 AM



(22) Benzo(k)fluoranthene

22.717min (+0.117) 1.22ng/ul

response 20119

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	28.82
125.00	12.70	13.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012665.D
Acq On : 20 Nov 2020 18:51
Operator : CG/JU
Sample : L4710-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 21 00:22:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
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QLast Update : Sat Nov 21 00:16:07 2020
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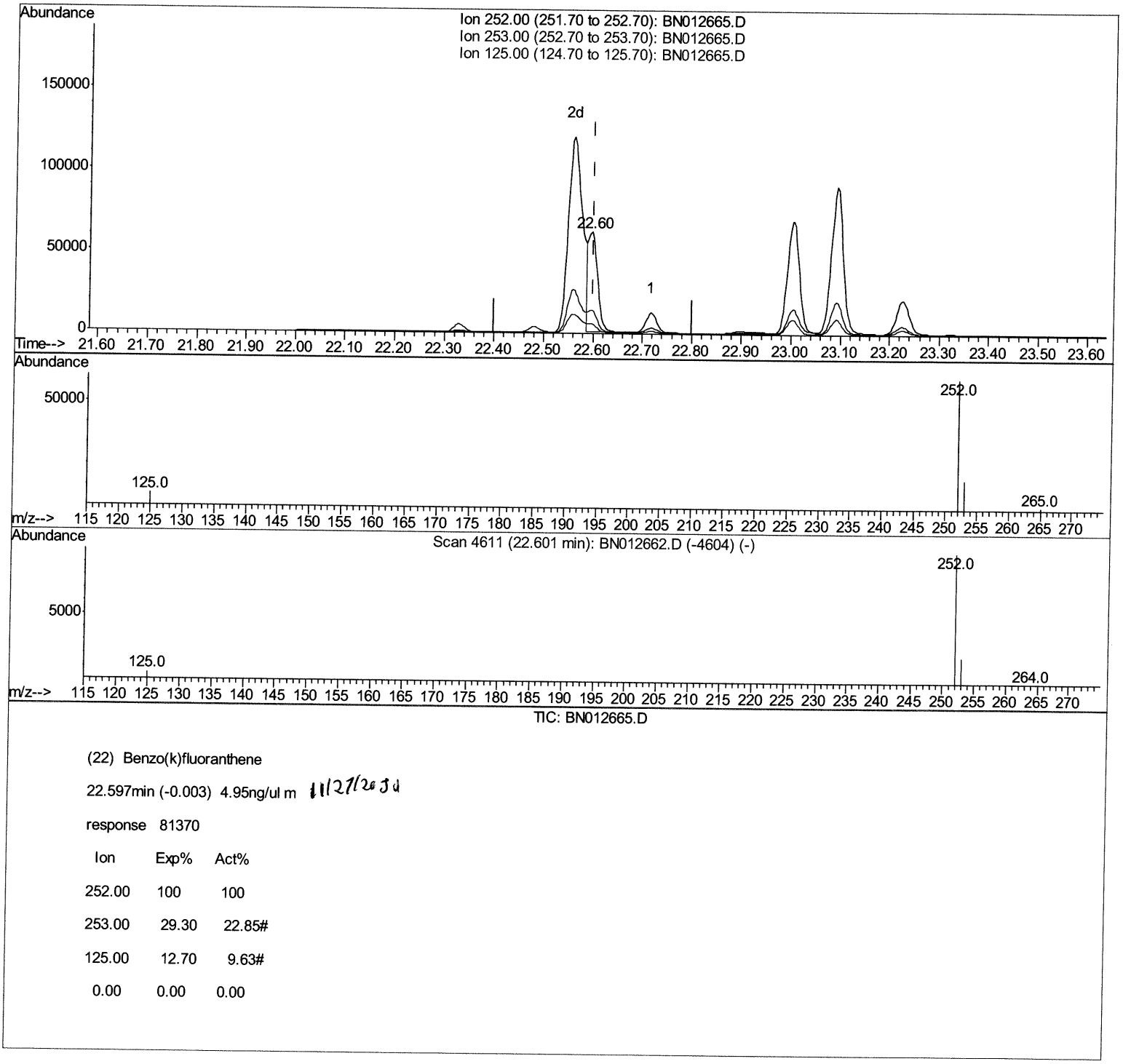
Instrument :
BNA_N
ClientSampleId :
C0B40

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:02 AM



TIC: BN012665.D

(22) Benzo(k)fluoranthene

22.597min (-0.003) 4.95ng/ul m 11/27/20 JJ

response 81370

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	22.85#
125.00	12.70	9.63#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112020\
Data File : BN012665.D
Acq On : 20 Nov 2020 18:51
Operator : CG/JU
Sample : L4710-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
11/24/2020 8:56:02 AM

Quant Time: Nov 21 00:24:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	653	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	2493	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	1430	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	2945m >	0.40	ng/ul >	0.00
16) Chrysene-d12	21.07	240	3540	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3098	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	737	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1910	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.26	128	416	0.055	ng/ul#	69
5) 2-Methylnaphthalene	11.89	142	174	0.036	ng/ul	95
7) Acenaphthylene	13.82	152	1035	0.148	ng/ul#	89
8) Acenaphthene	14.16	153	2247	0.382	ng/ul	97
9) Fluorene	15.16	166	2783	0.431	ng/ul	100
12) Phenanthrene	16.89	178	105736	10.318	ng/ul	96
13) Anthracene	16.98	178	14166	1.590	ng/ul	97
15) Fluoranthene	18.92	202	323061	27.307	ng/ul	97
17) Pyrene	19.29	202	268340	16.946	ng/ul	99
18) Benzo(a)anthracene	21.05	228	130853	10.315	ng/ul	98
19) Chrysene	21.10	228	158695	10.015	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	238176m }	16.712	ng/ul }	
22) Benzo(k)fluoranthene	22.60	252	81370m }	4.951	ng/ul }	
23) Benzo(a)pyrene	23.09	252	151729	11.312	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.26	276	120404	6.865	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.27	278	26109	1.853	ng/ul	93
26) Benzo(g,h,i)perylene	25.90	276	113598	7.196	ng/ul	96

11/27/20 JU

11/27/20 JU

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