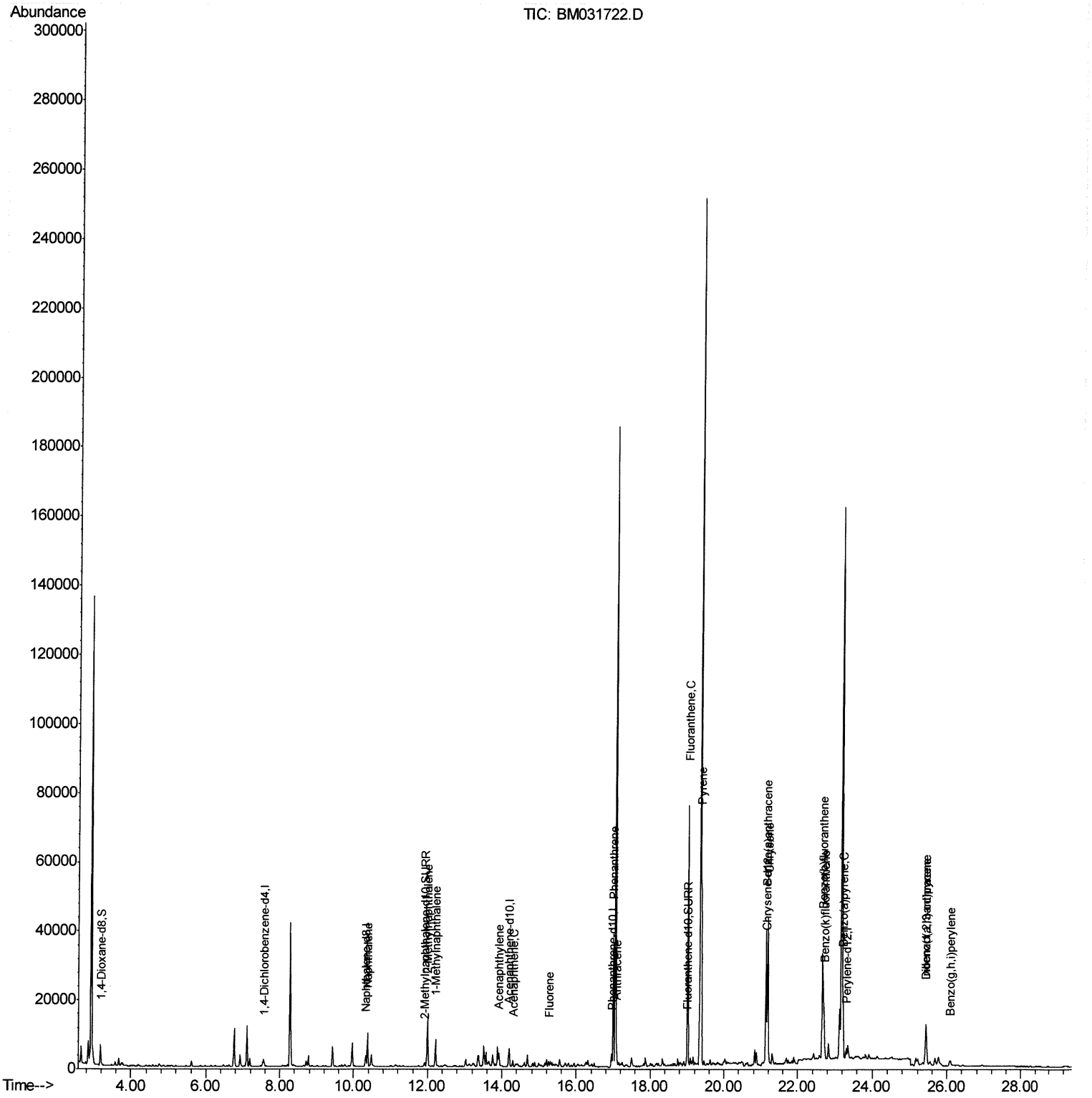
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031722.D
Acq On : 13 Aug 2021 19:36
Operator : CG/JU
Sample : M3208-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 14 01:10:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00F0

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:18 AM

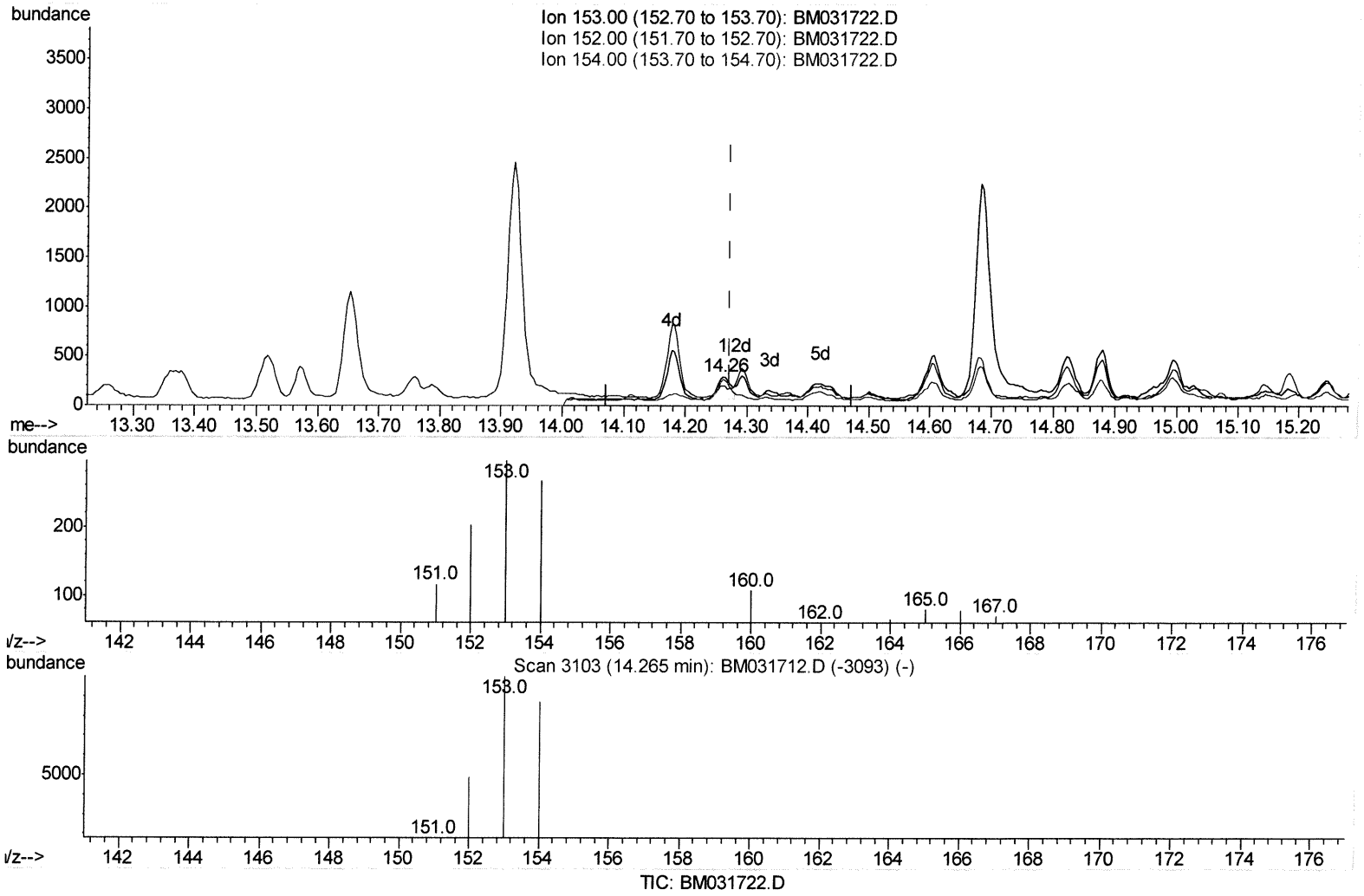


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031722.D
Acq On : 13 Aug 2021 19:36
Operator : CG/JU
Sample : M3208-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 14 01:04:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00F0

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:18 AM



TIC: BM031722.D

(11) Acenaphthene (C)

14.261min (-0.011) 0.04ng/ul

response 351

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	68.24#
154.00	87.70	90.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031722.D
Acq On : 13 Aug 2021 19:36
Operator : CG/JU
Sample : M3208-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 14 01:04:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
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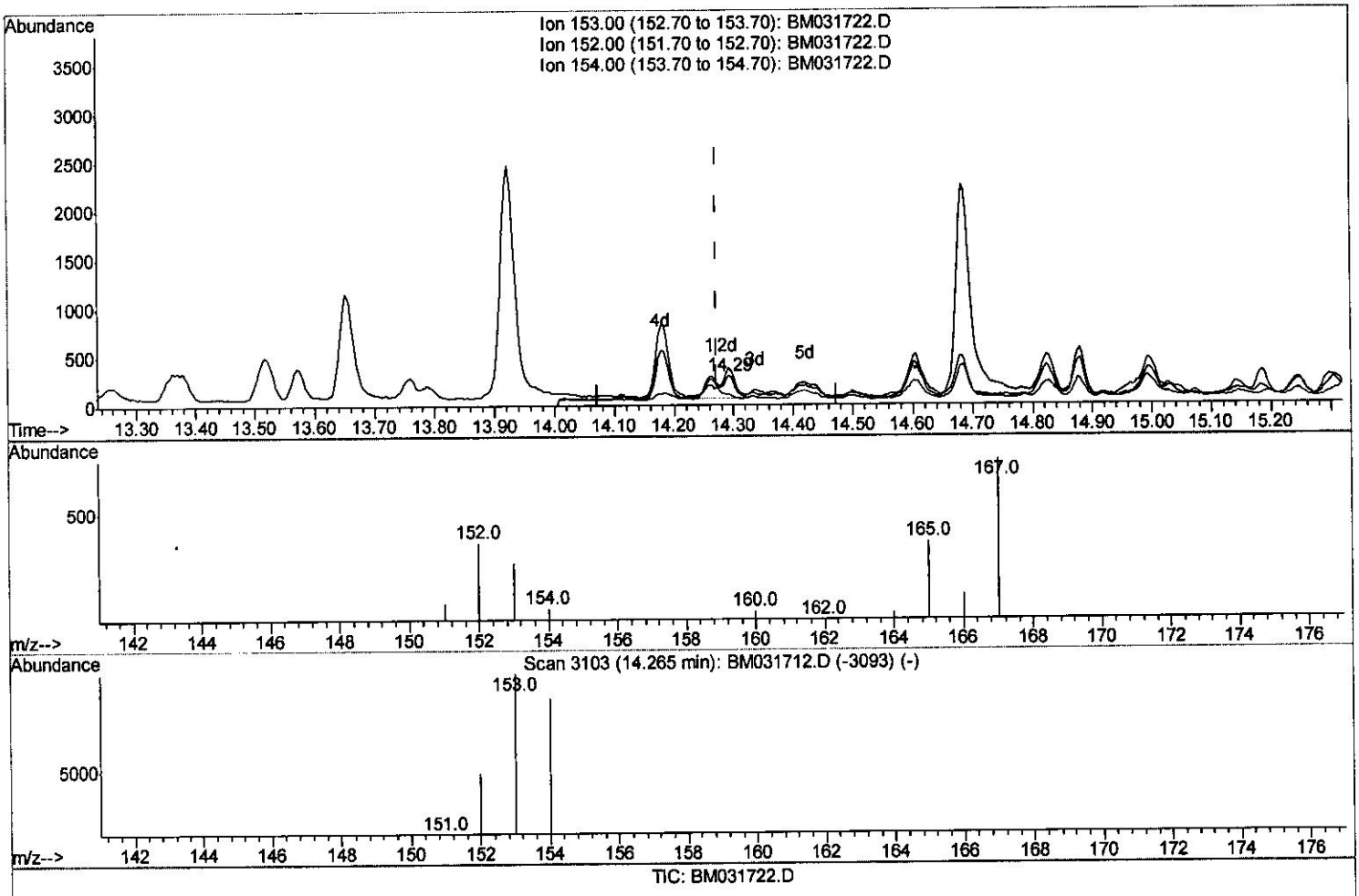
Instrument :
BNA_M
ClientSampleId :
C00F0

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:18 AM



TIC: BM031722.D

(11) Acenaphthene (C)

14.292min (+0.019) 0.07ng/ul m JJV 8/16/21

response 645

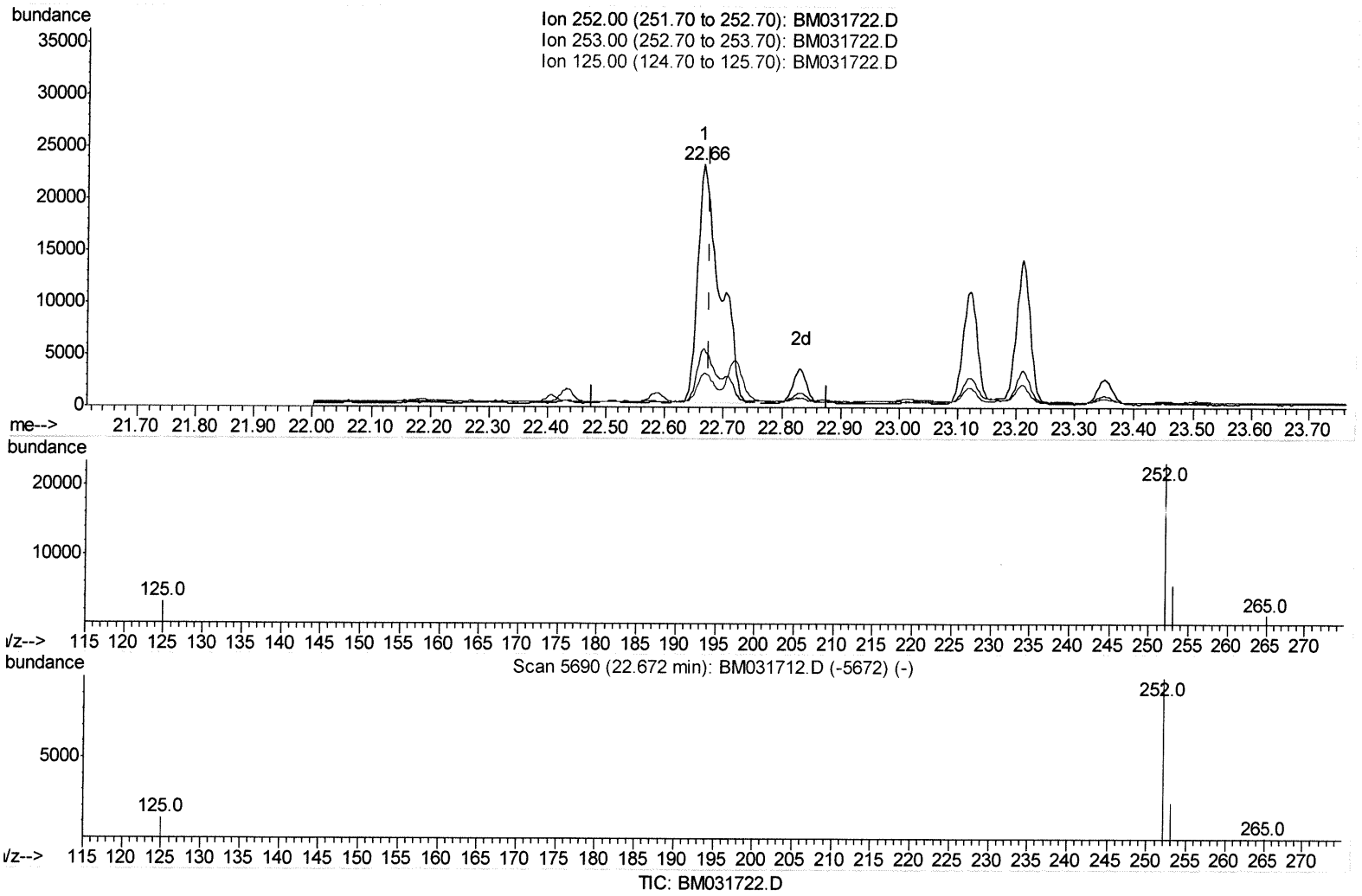
Ion	Exp%	Act%
153.00	100	100
152.00	50.90	127.85#
154.00	87.70	37.58#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031722.D
Acq On : 13 Aug 2021 19:36
Operator : CG/JU
Sample : M3208-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 14 01:06:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00F0

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:18 AM



(24) Benzo(b)fluoranthene

22.664min (-0.012) 3.76ng/ul

response 60753

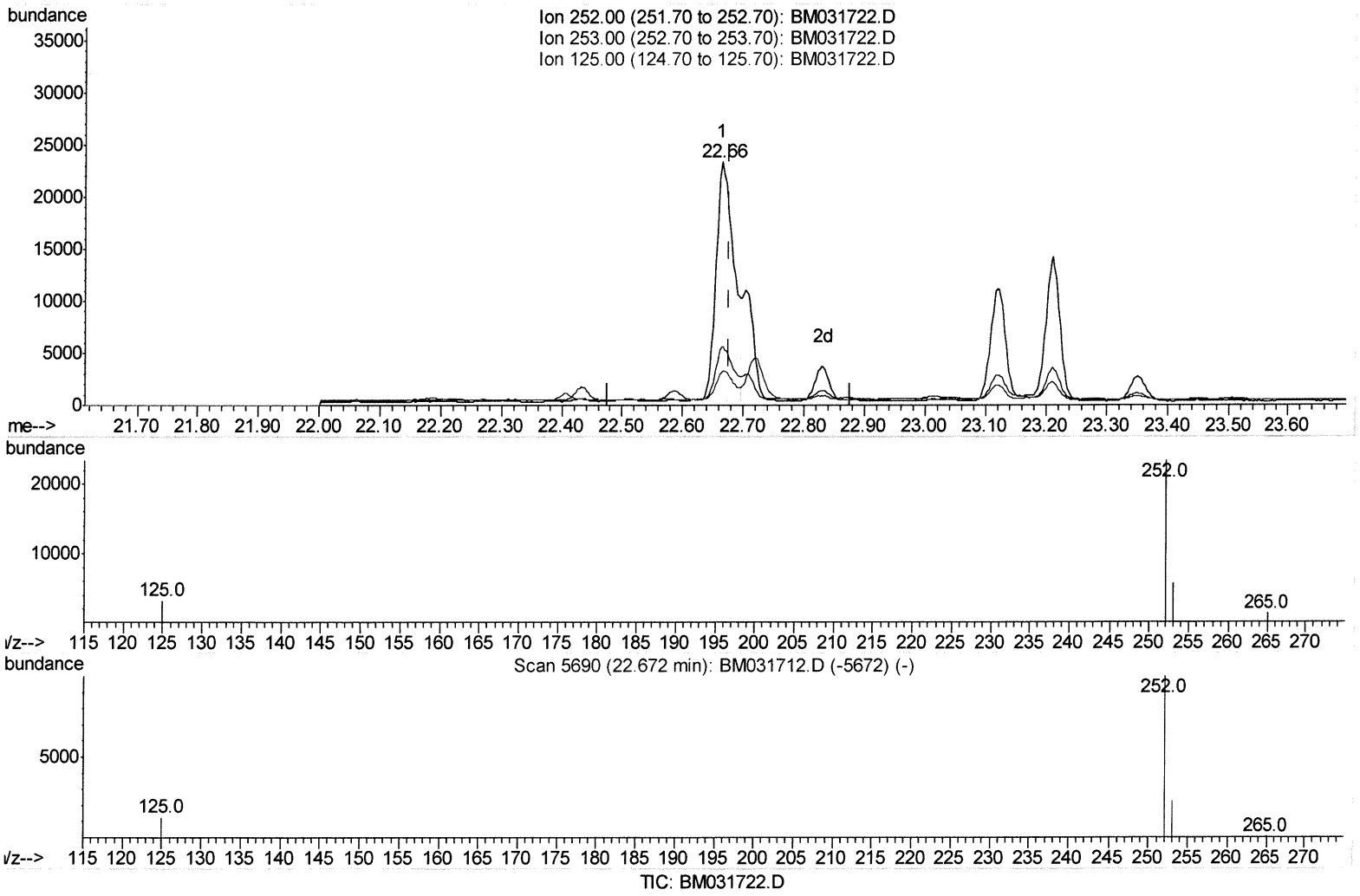
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.07
125.00	11.40	13.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031722.D
Acq On : 13 Aug 2021 19:36
Operator : CG/JU
Sample : M3208-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 14 01:06:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00F0

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:18 AM



TIC: BM031722.D

(24) Benzo(b)fluoranthene

22.664min (-0.012) 2.90ng/ul m

response 46919

JY 8/16/21

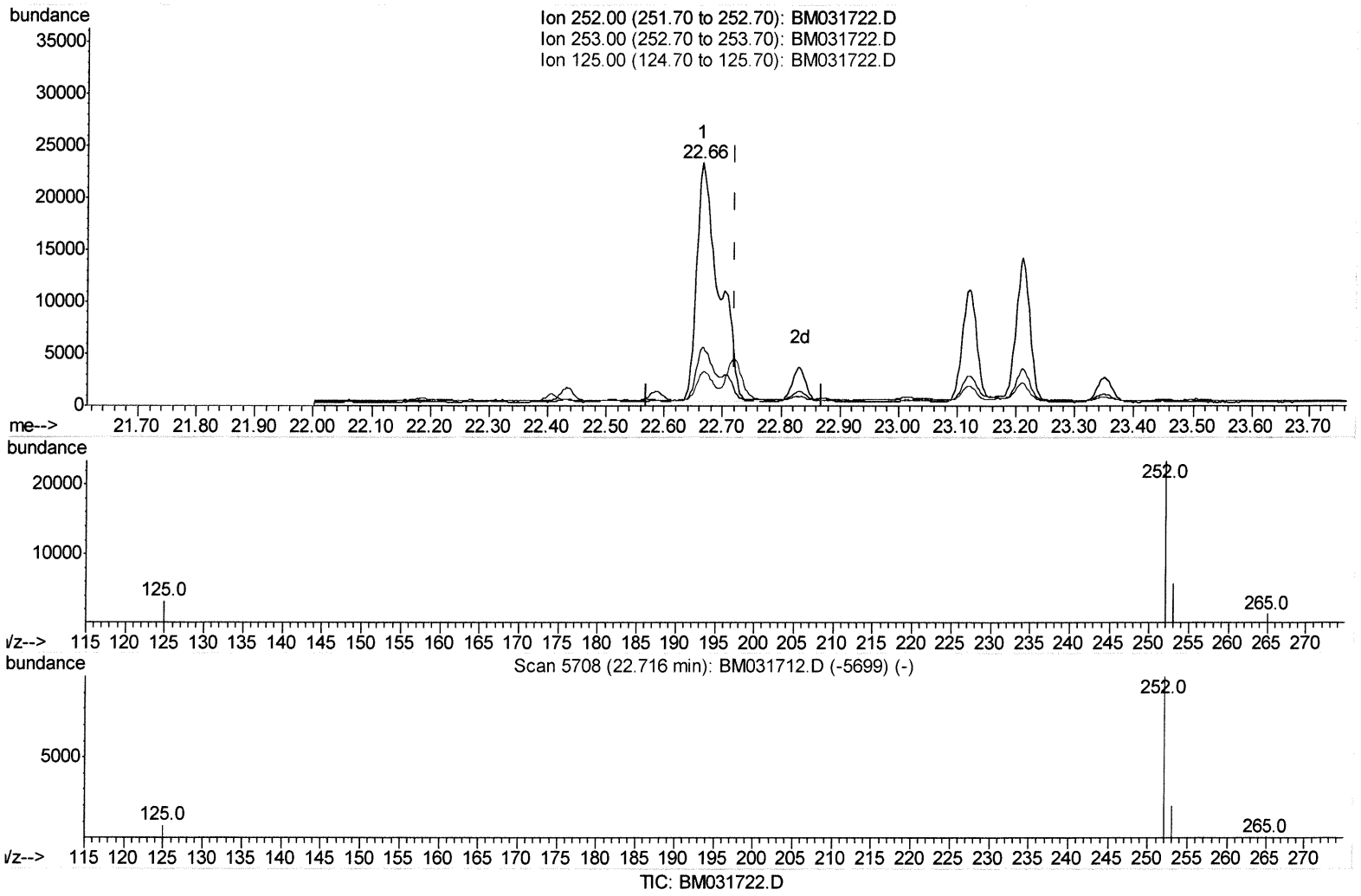
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.07
125.00	11.40	13.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031722.D
Acq On : 13 Aug 2021 19:36
Operator : CG/JU
Sample : M3208-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 14 01:07:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00F0

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:18 AM



(25) Benzo(k)fluoranthene

22.664min (-0.056) 3.64ng/ul

response 60753

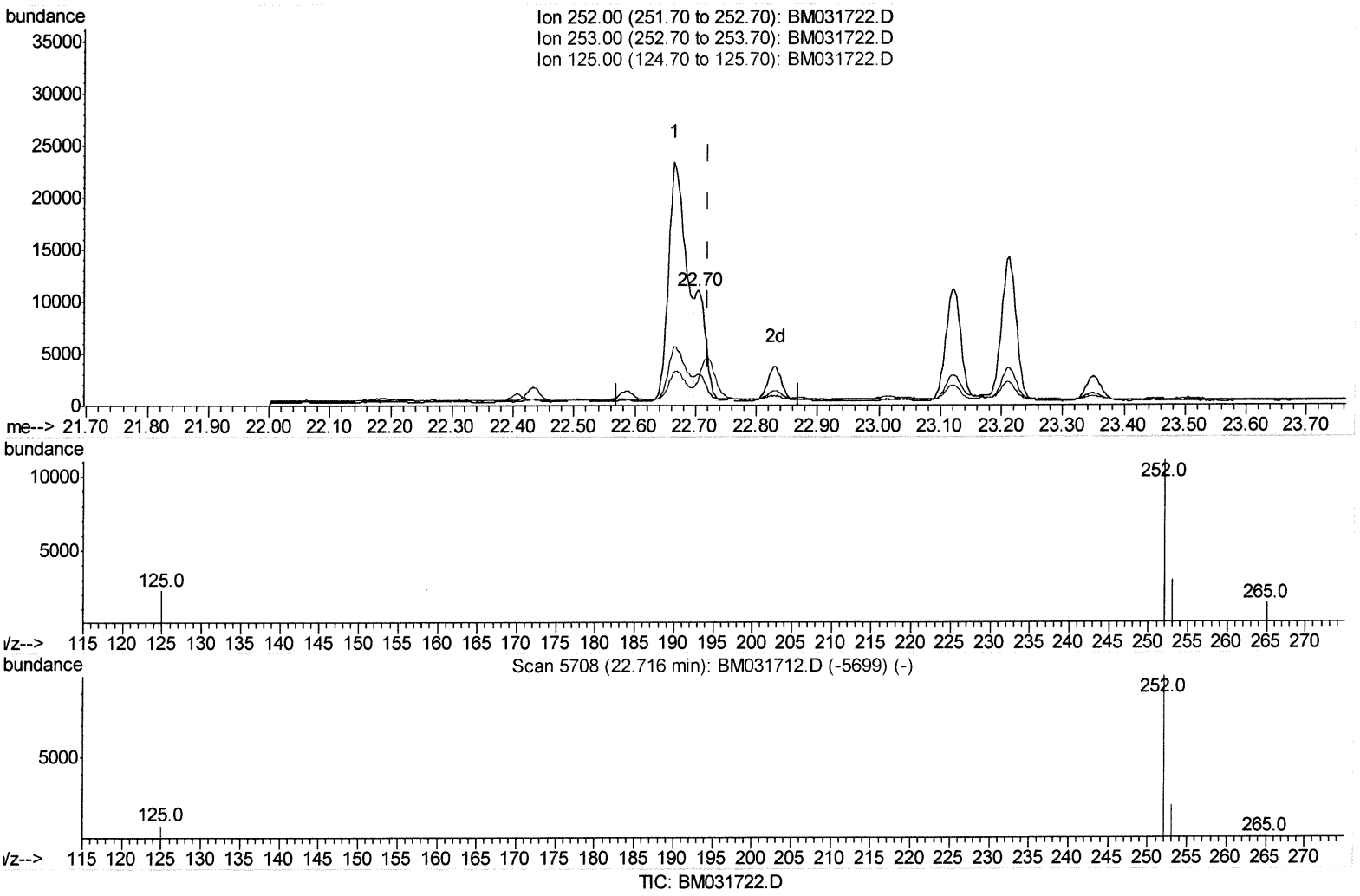
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.07
125.00	11.00	13.65#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031722.D
Acq On : 13 Aug 2021 19:36
Operator : CG/JU
Sample : M3208-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 14 01:07:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00F0

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:18 AM



(25) Benzo(k)fluoranthene

22.703min (-0.017) 0.83ng/ul m

response 13858

JH 8/16/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.84
125.00	11.00	20.65#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031722.D
Acq On : 13 Aug 2021 19:36
Operator : CG/JU
Sample : M3208-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00F0

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:18 AM

Quant Time: Aug 14 01:10:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1089	0.40	ng/ul	0.00
4) Naphthalene-d8	10.32	136	4002	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2482	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4477	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	3790	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	3590	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	3990	3.30	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1388	0.21	ng/ul	-0.01
18) Fluoranthene-d10	18.99	212	2924	0.23	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.37	128	13417	1.125	ng/ul	99
7) 2-Methylnaphthalene	12.00	142	9917	1.218	ng/ul	100
8) 1-Methylnaphthalene	12.22	142	5389	0.670	ng/ul	100
10) Acenaphthylene	13.92	152	4050	0.383	ng/ul	96
11) Acenaphthene	14.29	153	645m	0.072	ng/ul	73
12) Fluorene	15.25	166	696	0.068	ng/ul#	73
15) Phenanthrene	16.99	178	37001	2.603	ng/ul	98
16) Anthracene	17.09	178	4294	0.323	ng/ul	97
19) Fluoranthene	19.02	202	63145	3.902	ng/ul#	96
20) Pyrene	19.38	202	52042	3.170	ng/ul	97
21) Benzo(a)anthracene	21.13	228	33057	2.160	ng/ul	95
22) Chrysene	21.19	228	43347	2.738	ng/ul	97
24) Benzo(b)fluoranthene	22.66	252	46919m	2.901	ng/ul	96
25) Benzo(k)fluoranthene	22.70	252	13858m	0.829	ng/ul	96
26) Benzo(a)pyrene	23.21	252	23156	1.635	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.43	276	17792	0.972	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.44	278	5107	0.346	ng/ul#	77
29) Benzo(g,h,i)perylene	26.09	276	3651	0.234	ng/ul#	80

JU 8/16/21

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