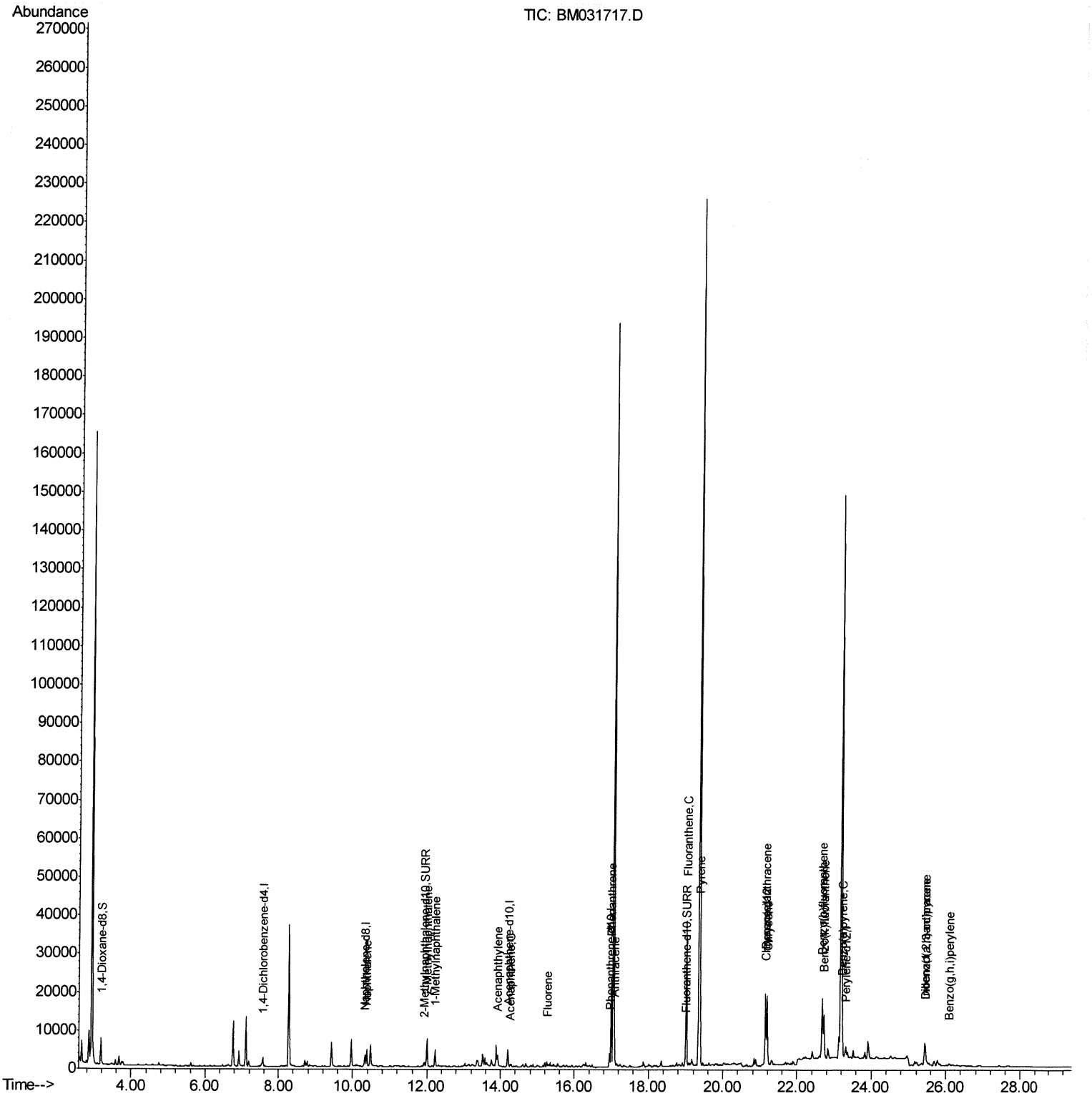
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031717.D
Acq On : 13 Aug 2021 16:28
Operator : CG/JU
Sample : M3208-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 13 17:00:04 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 :
C00E6

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:02 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031717.D
Acq On : 13 Aug 2021 16:28
Operator : CG/JU
Sample : M3208-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 13 16:58:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations APPROVED
mohammad
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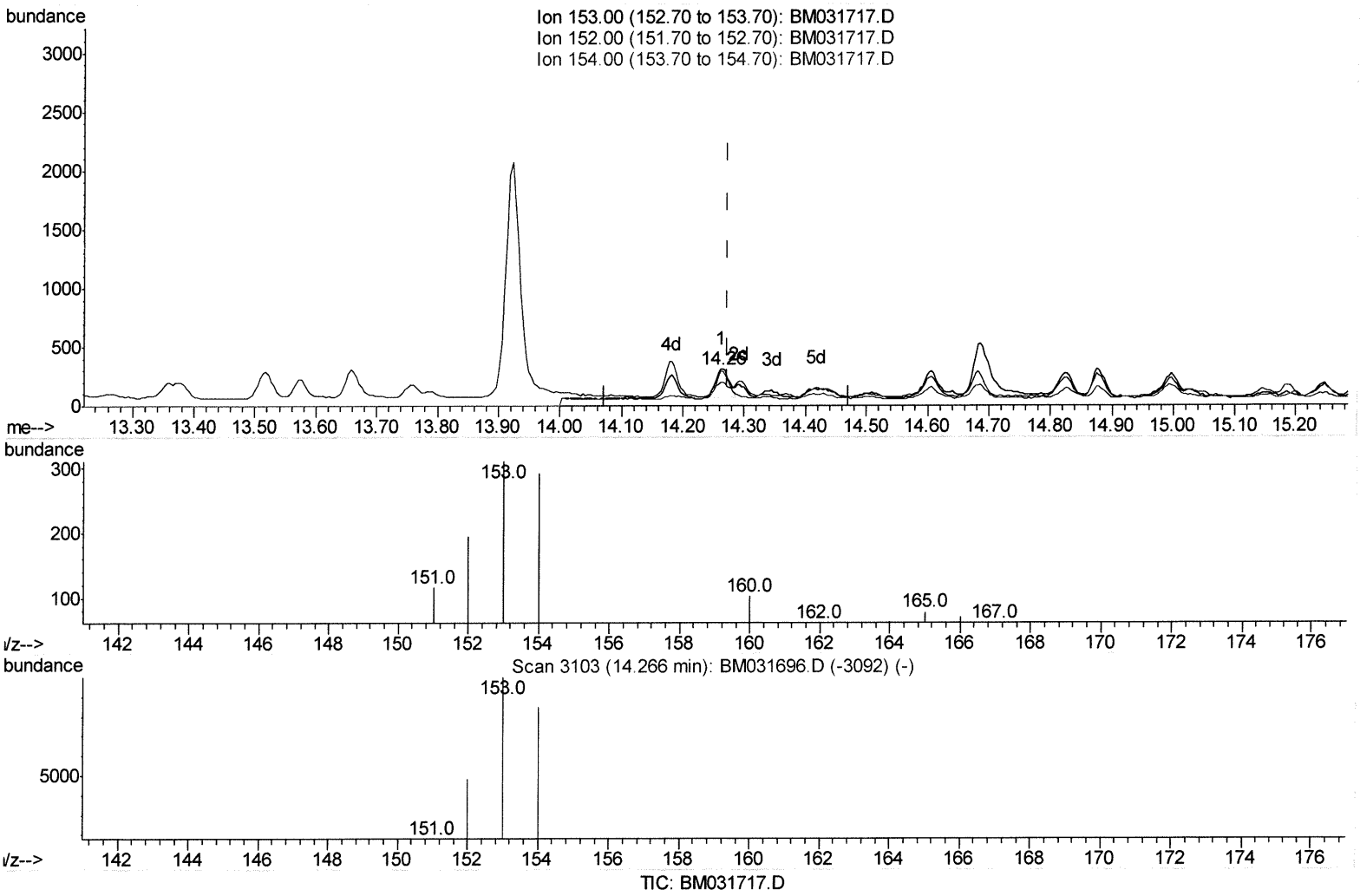

TIC: BM031717.D

(11) Acenaphthene (C)

14.262min (-0.011) 0.05ng/ul

response 406

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	62.58#
154.00	87.70	93.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031717.D
Acq On : 13 Aug 2021 16:28
Operator : CG/JU
Sample : M3208-06
Misc :
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Quant Time: Aug 13 16:58:02 2021
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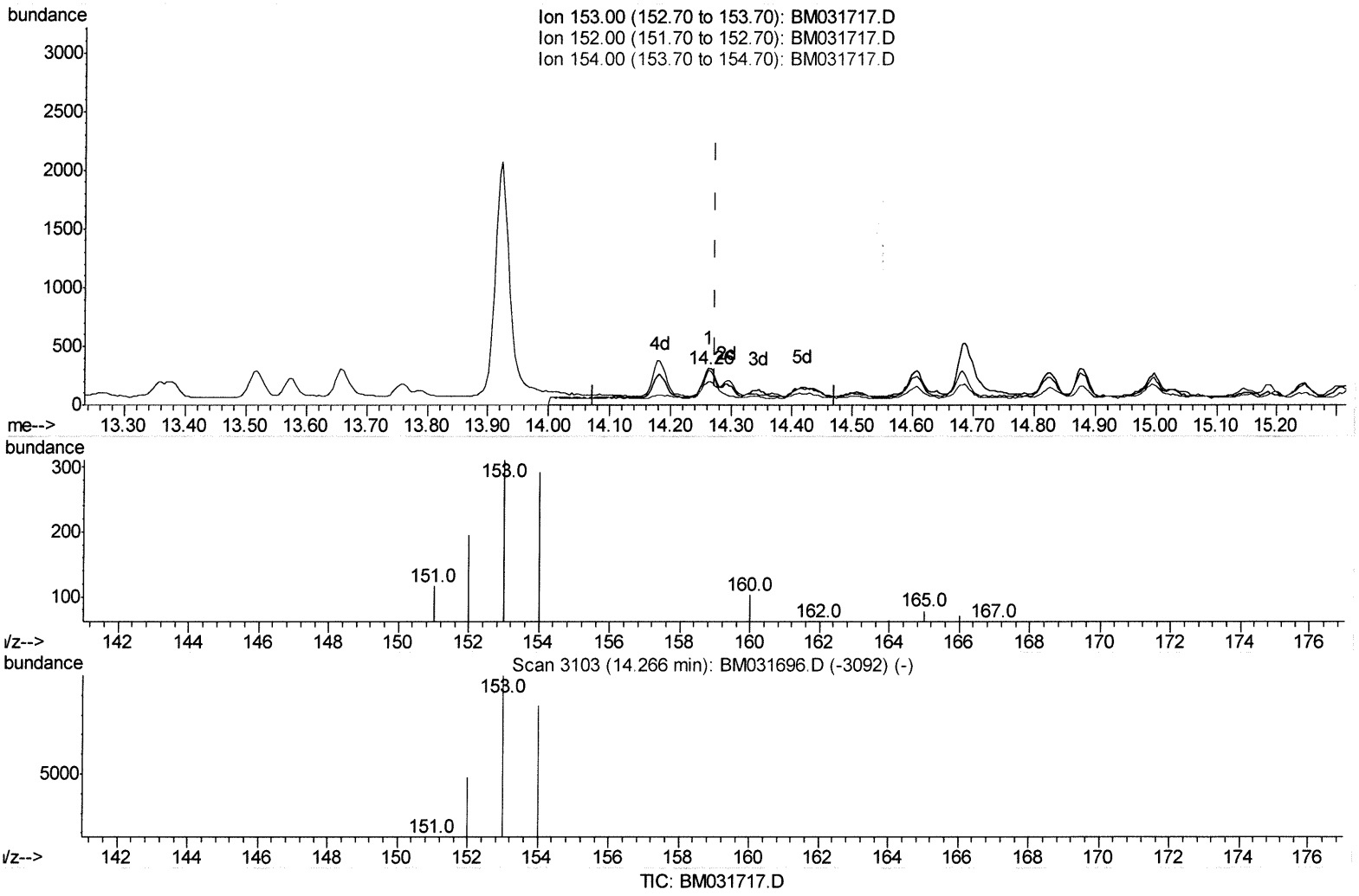
BNA_M
ClientSampleId :
C00E6

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:02 AM



(11) Acenaphthene (C)

14.262min (-0.011) 0.07ng/ul m

JG 8/16/21

response 558

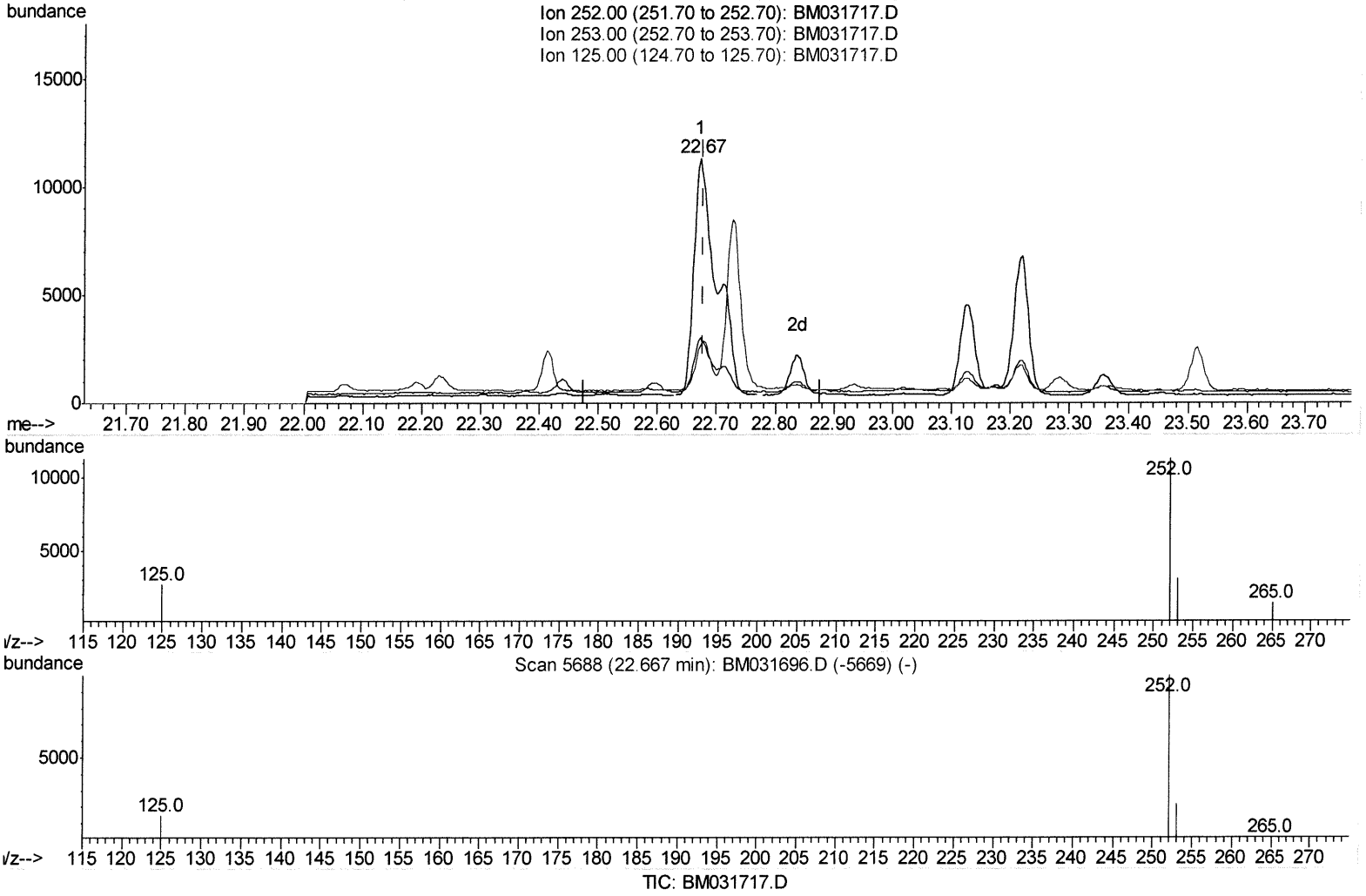
Ion	Exp%	Act%
153.00	100	100
152.00	50.90	62.58#
154.00	87.70	93.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031717.D
Acq On : 13 Aug 2021 16:28
Operator : CG/JU
Sample : M3208-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 13 16:58:02 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 :
C00E6

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:02 AM



(24) Benzo(b)fluoranthene

22.672min (-0.005) 1.87ng/ul

response 29451

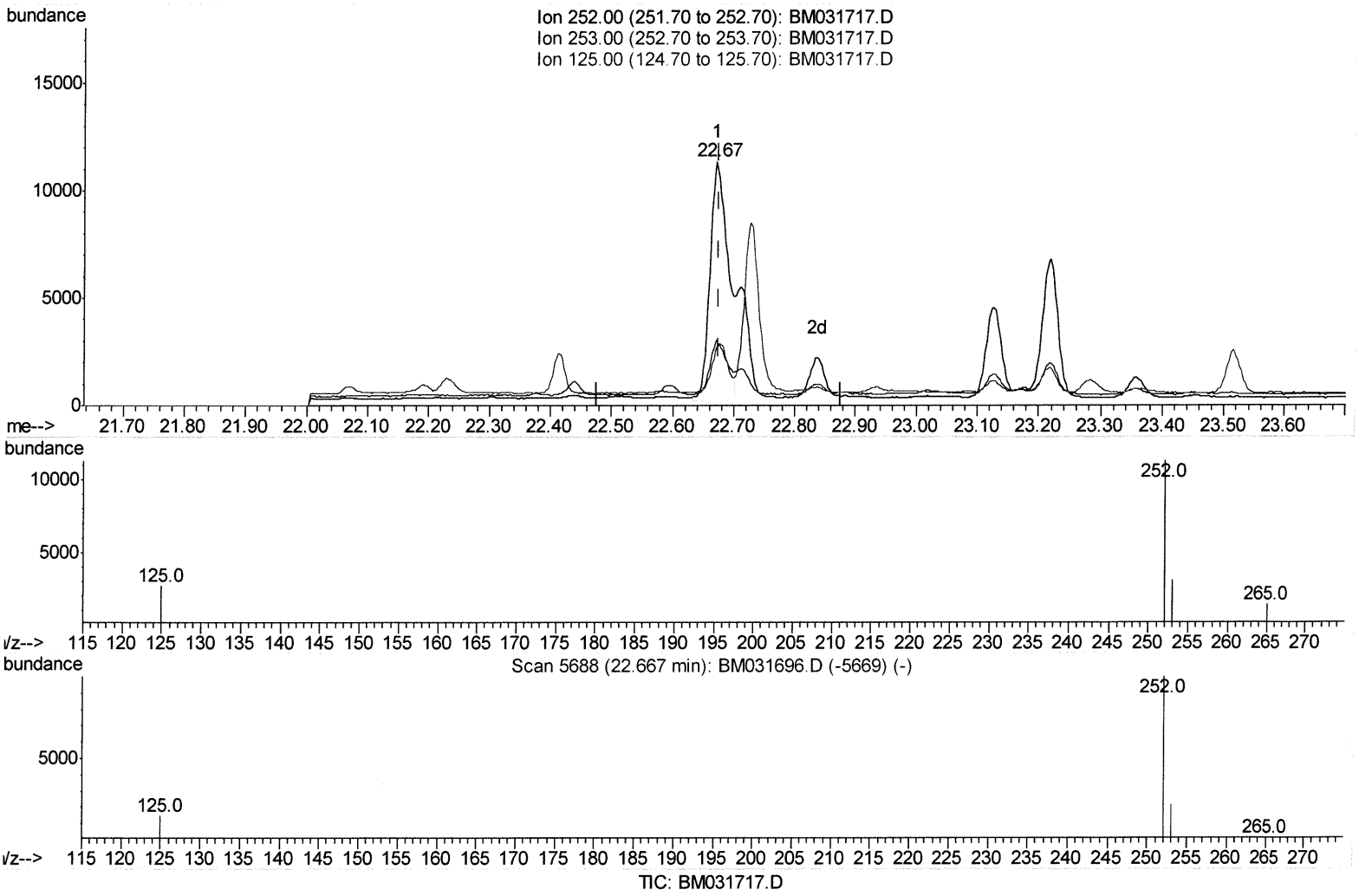
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	26.63
125.00	11.40	23.49#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031717.D
Acq On : 13 Aug 2021 16:28
Operator : CG/JU
Sample : M3208-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 13 16:58:02 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 :
C00E6

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:02 AM



TIC: BM031717.D

(24) Benzo(b)fluoranthene

22.672min (-0.005) 1.45ng/ul m

response 22807

JU 8/16/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	26.63
125.00	11.40	23.49#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031717.D
Acq On : 13 Aug 2021 16:28
Operator : CG/JU
Sample : M3208-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 13 16:58:02 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 :
C00E6

Manual Integrations APPROVED
mohammad
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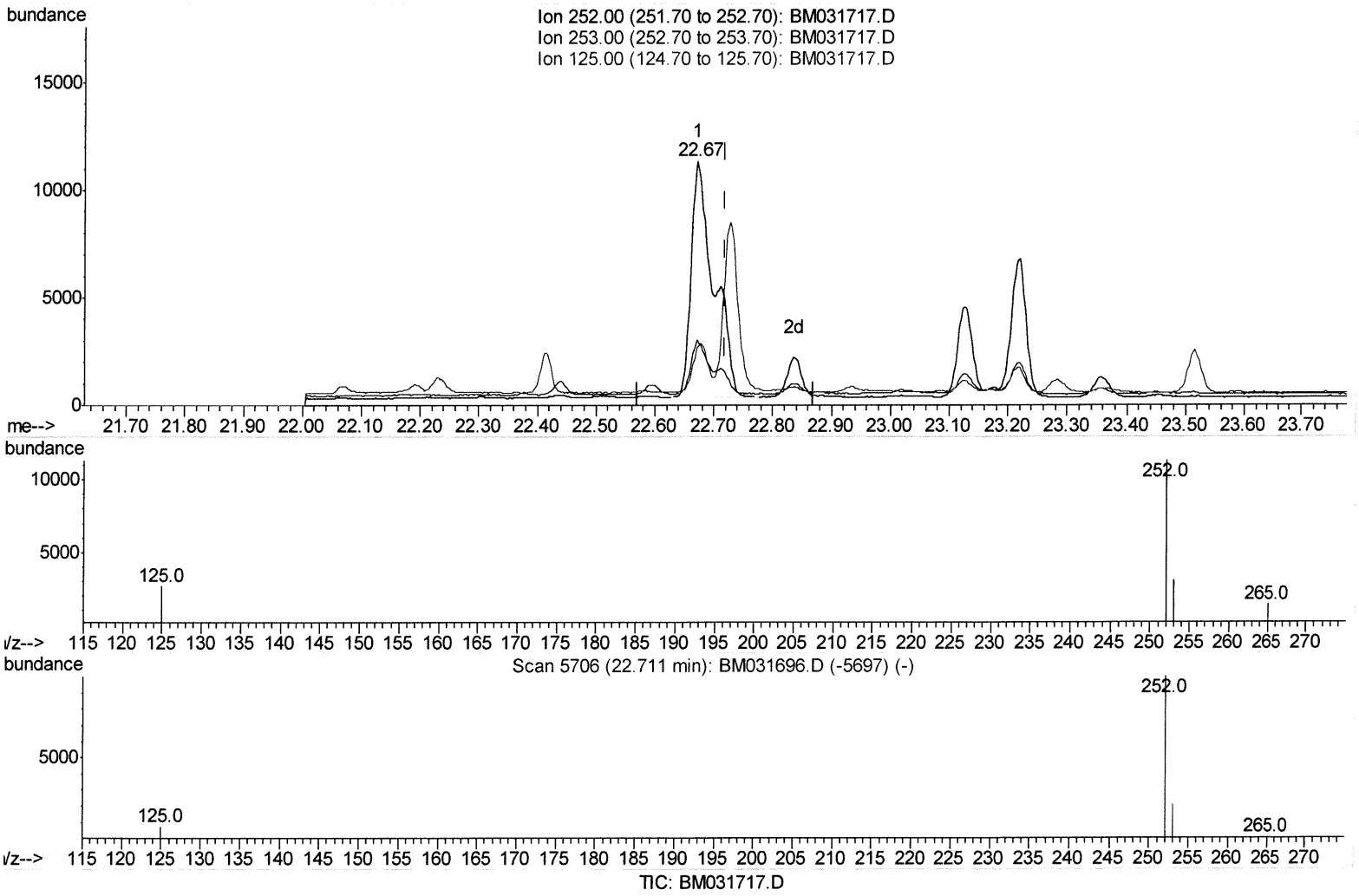


(25) Benzo(k)fluoranthene

22.672min (-0.048) 1.81ng/ul

response 29446

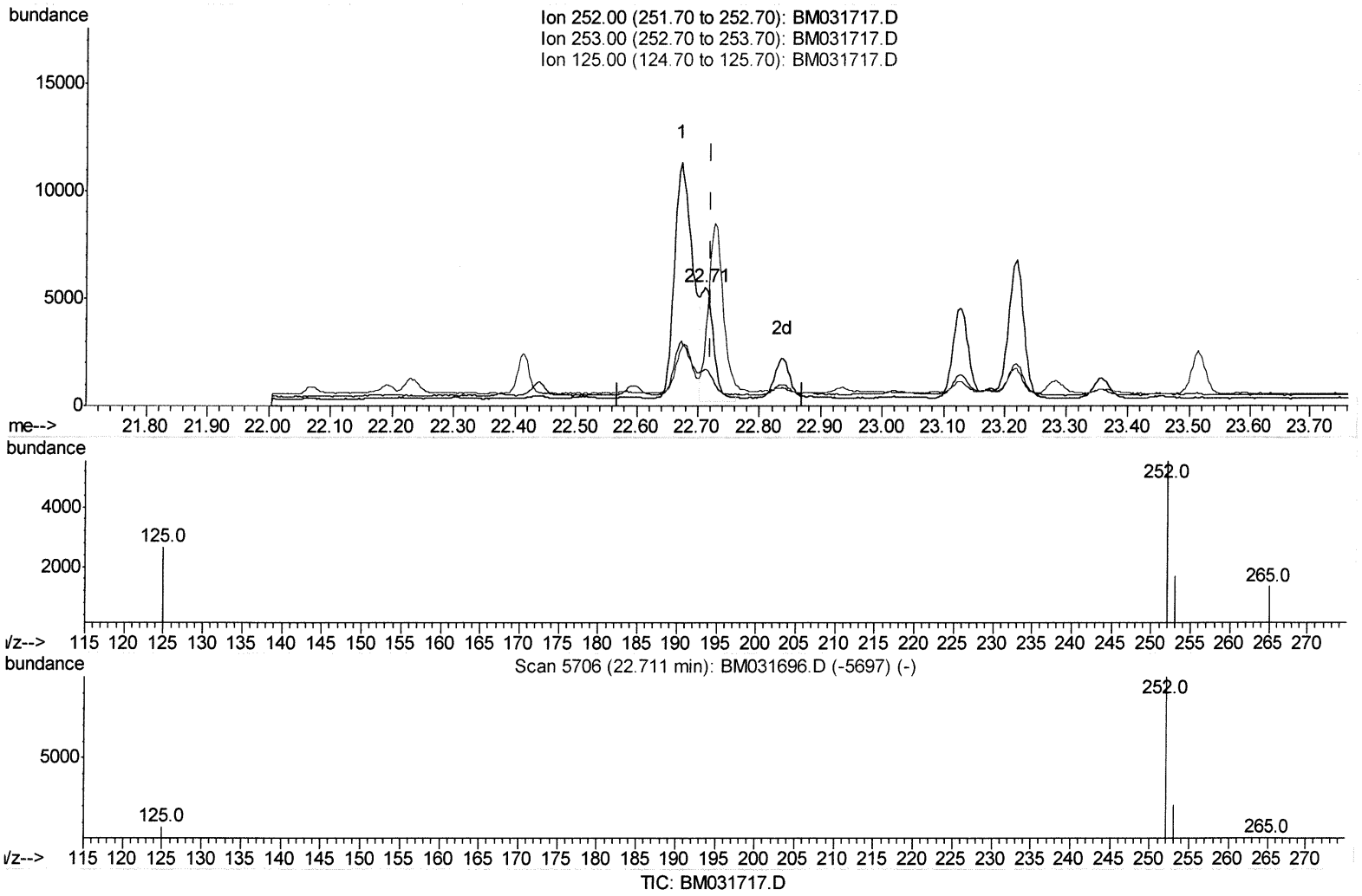
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.63
125.00	11.00	23.49#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031717.D
Acq On : 13 Aug 2021 16:28
Operator : CG/JU
Sample : M3208-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 13 16:58:02 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 :
C00E6

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:02 AM



(25) Benzo(k)fluoranthene

22.711min (-0.009) 0.48ng/ul m JU 8/16/21

response 7868

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	30.44
125.00	11.00	48.20#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031717.D
Acq On : 13 Aug 2021 16:28
Operator : CG/JU
Sample : M3208-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 13 17:00:04 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 : C00E6

Manual Integrations APPROVED
mohammad
8/16/2021 8:40:02 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1072	0.40	ng/ul	0.00
4) Naphthalene-d8	10.32	136	3977	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2341	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4319	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	3564	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	3488	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	4468	3.75	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1522	0.23	ng/ul	-0.01
18) Fluoranthene-d10	18.99	212	2780	0.23	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.37	128	5860	0.495	ng/ul	99
7) 2-Methylnaphthalene	12.00	142	5119	0.632	ng/ul	98
8) 1-Methylnaphthalene	12.22	142	2902	0.363	ng/ul	99
10) Acenaphthylene	13.92	152	3454	0.346	ng/ul	99
11) Acenaphthene	14.26	153	558m	0.066	ng/ul	JC 8/16/21
12) Fluorene	15.25	166	746	0.077	ng/ul#	84
15) Phenanthrene	17.00	178	24175	1.763	ng/ul	98
16) Anthracene	17.09	178	4044	0.315	ng/ul	97
19) Fluoranthene	19.02	202	33424	2.196	ng/ul	98
20) Pyrene	19.38	202	26473	1.715	ng/ul	96
21) Benzo(a)anthracene	21.14	228	14923	1.037	ng/ul	92
22) Chrysene	21.19	228	18268	1.227	ng/ul	97
24) Benzo(b)fluoranthene	22.67	252	22807m	1.451	ng/ul	JC 8/16/21
25) Benzo(k)fluoranthene	22.71	252	7868m	0.485	ng/ul	
26) Benzo(a)pyrene	23.22	252	11331	0.823	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.44	276	9217	0.518	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.45	278	2669	0.186	ng/ul#	53
29) Benzo(g,h,i)perylene	26.09	276	1049	0.069	ng/ul#	48

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