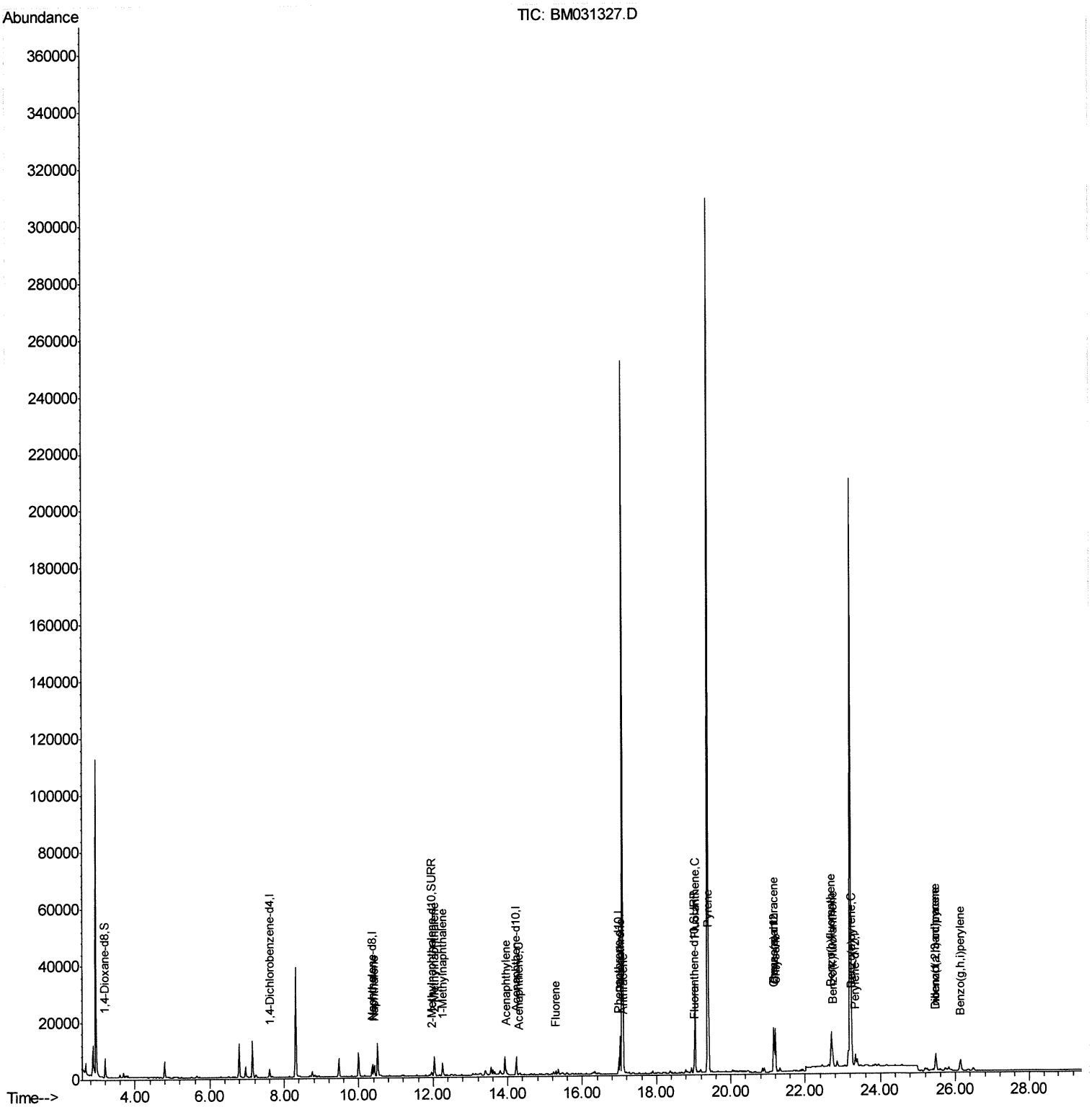
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031327.D
Acq On : 01 Aug 2021 00:21
Operator : CG/JU
Sample : M3091-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 02 03:19:33 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0044

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:17 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031327.D
Acq On : 01 Aug 2021 00:21
Operator : CG/JU
Sample : M3091-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 02 01:13:54 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
C0044

Manual Integrations APPROVED
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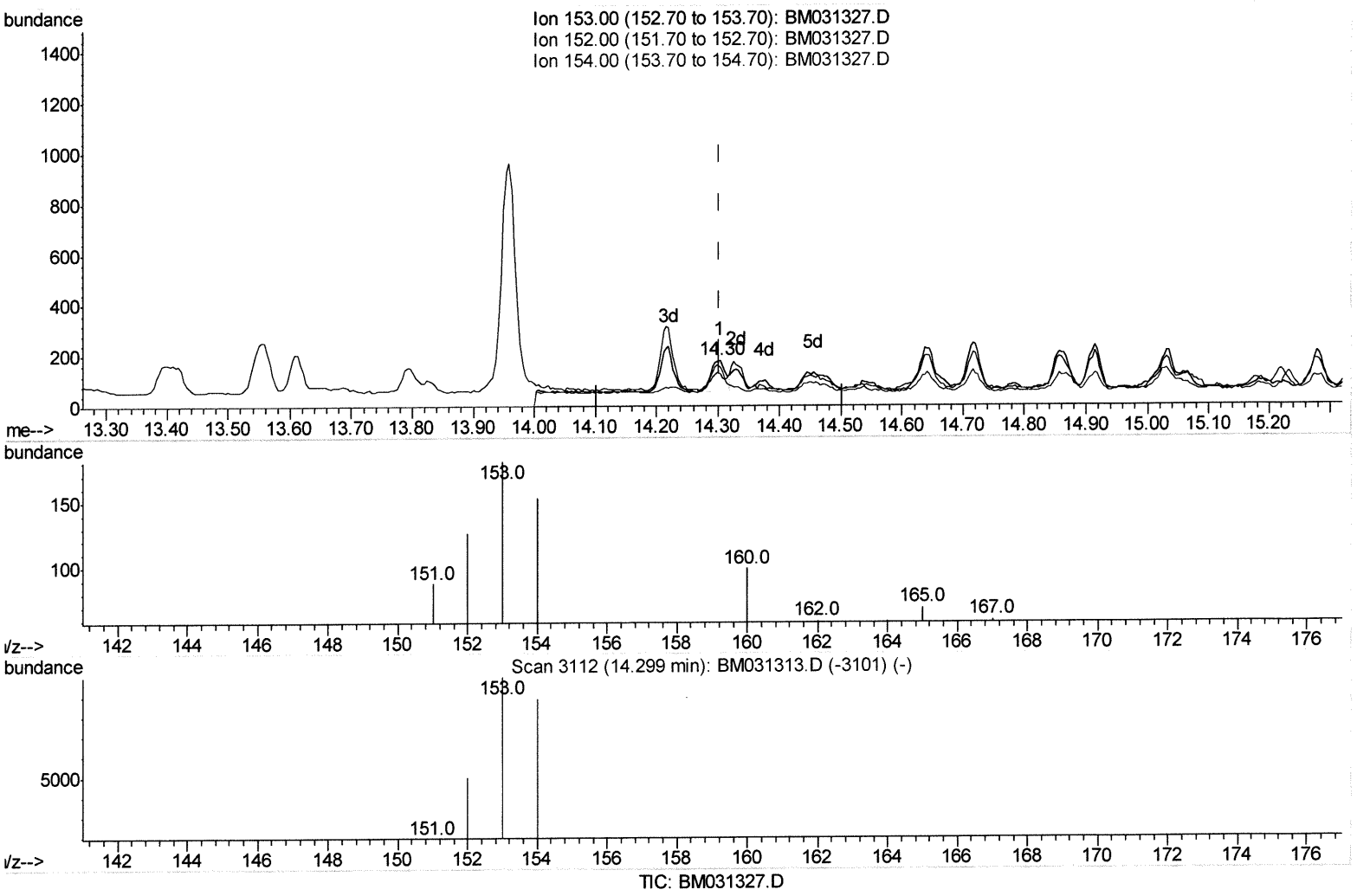


(11) Acenaphthene (C)

14.303min (+0.000) 0.02ng/ul

response 204

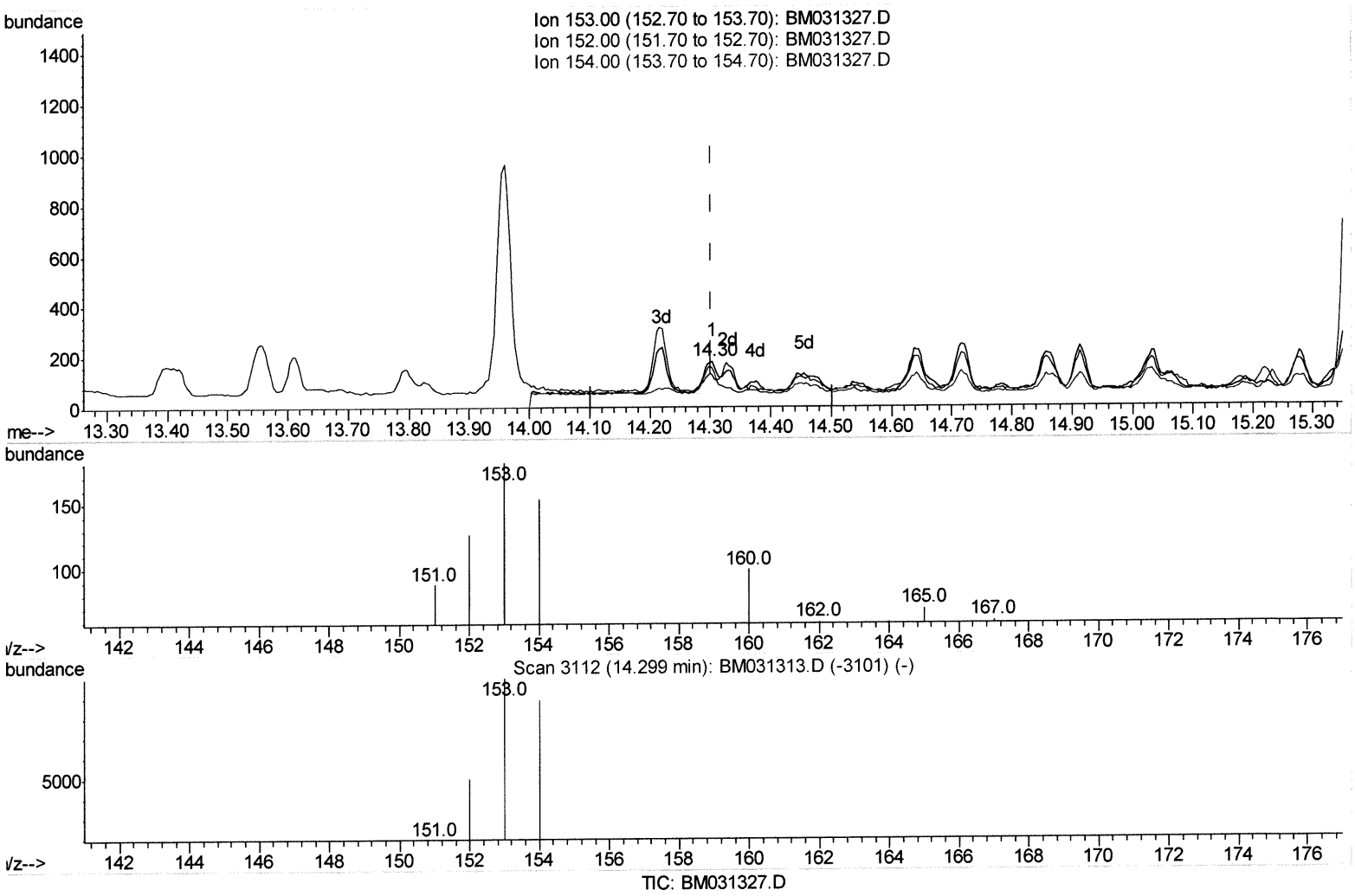
Ion	Exp%	Act%
153.00	100	100
152.00	50.90	69.61#
154.00	87.70	84.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031327.D
Acq On : 01 Aug 2021 00:21
Operator : CG/JU
Sample : M3091-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 02 01:13:54 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0044

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:17 PM



(11) Acenaphthene (C)

14.303min (+0.000) 0.03ng/ul m

response 325

JG 8/3/21

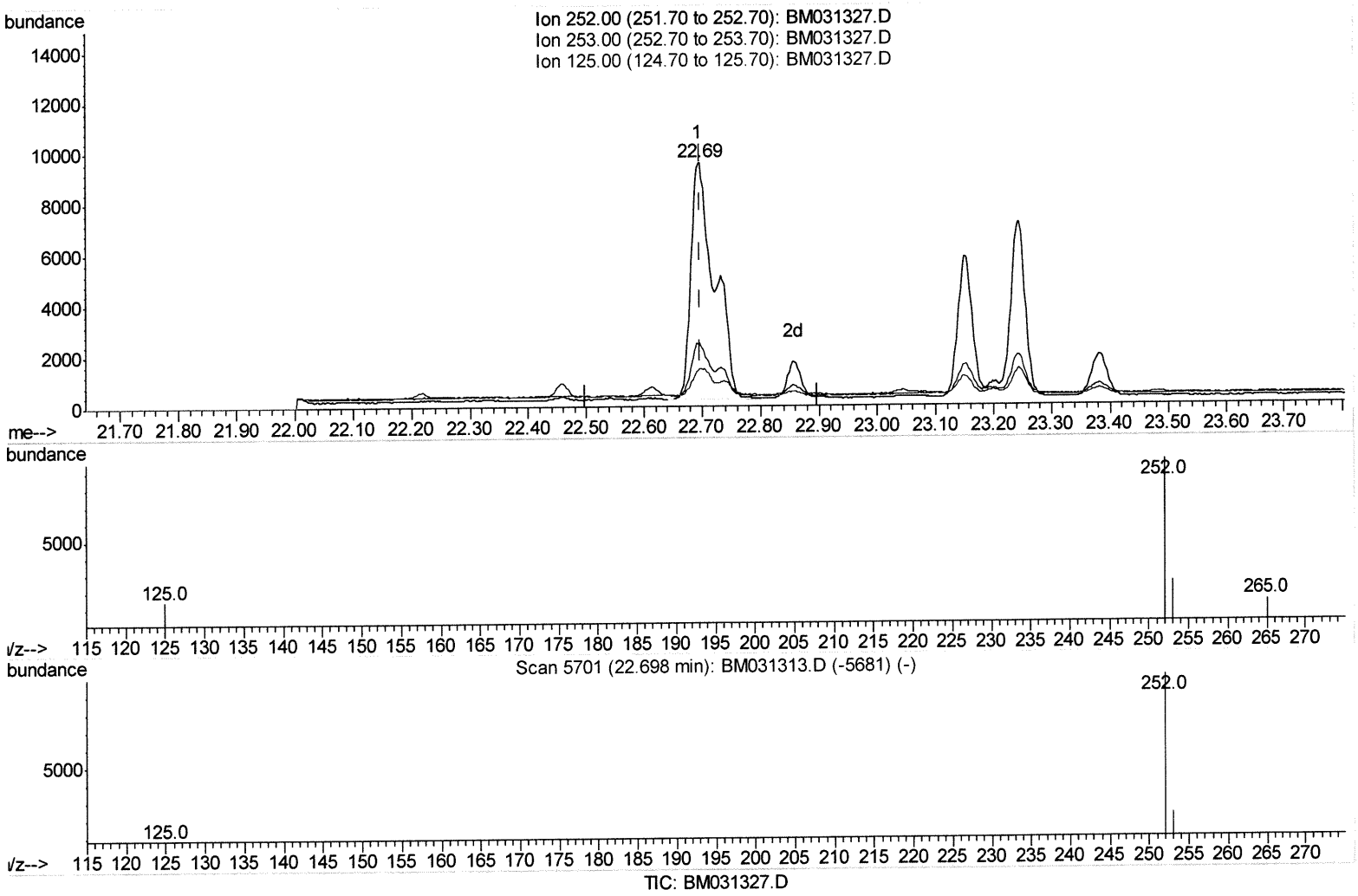
Ion	Exp%	Act%
153.00	100	100
152.00	50.90	69.61#
154.00	87.70	84.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031327.D
Acq On : 01 Aug 2021 00:21
Operator : CG/JU
Sample : M3091-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 02 03:15:53 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0044

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:17 PM



TIC: BM031327.D

(24) Benzo(b)fluoranthene

22.694min (-0.004) 1.16ng/ul

response 26351

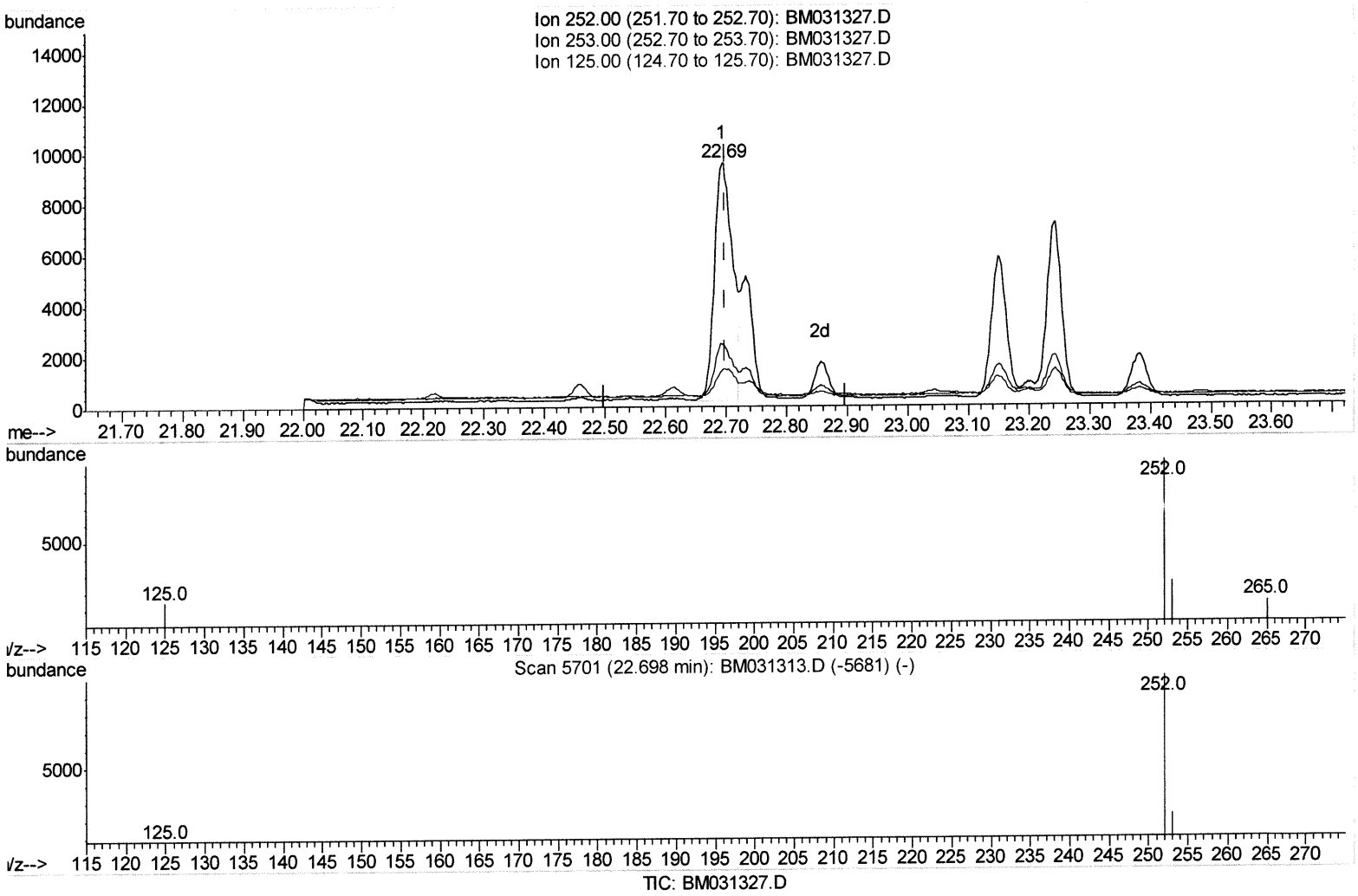
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.64
125.00	11.40	14.97
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031327.D
Acq On : 01 Aug 2021 00:21
Operator : CG/JU
Sample : M3091-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 02 03:15:53 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0044

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:17 PM



(24) Benzo(b)fluoranthene

22.694min (-0.004) 0.85ng/ul m

response 19346

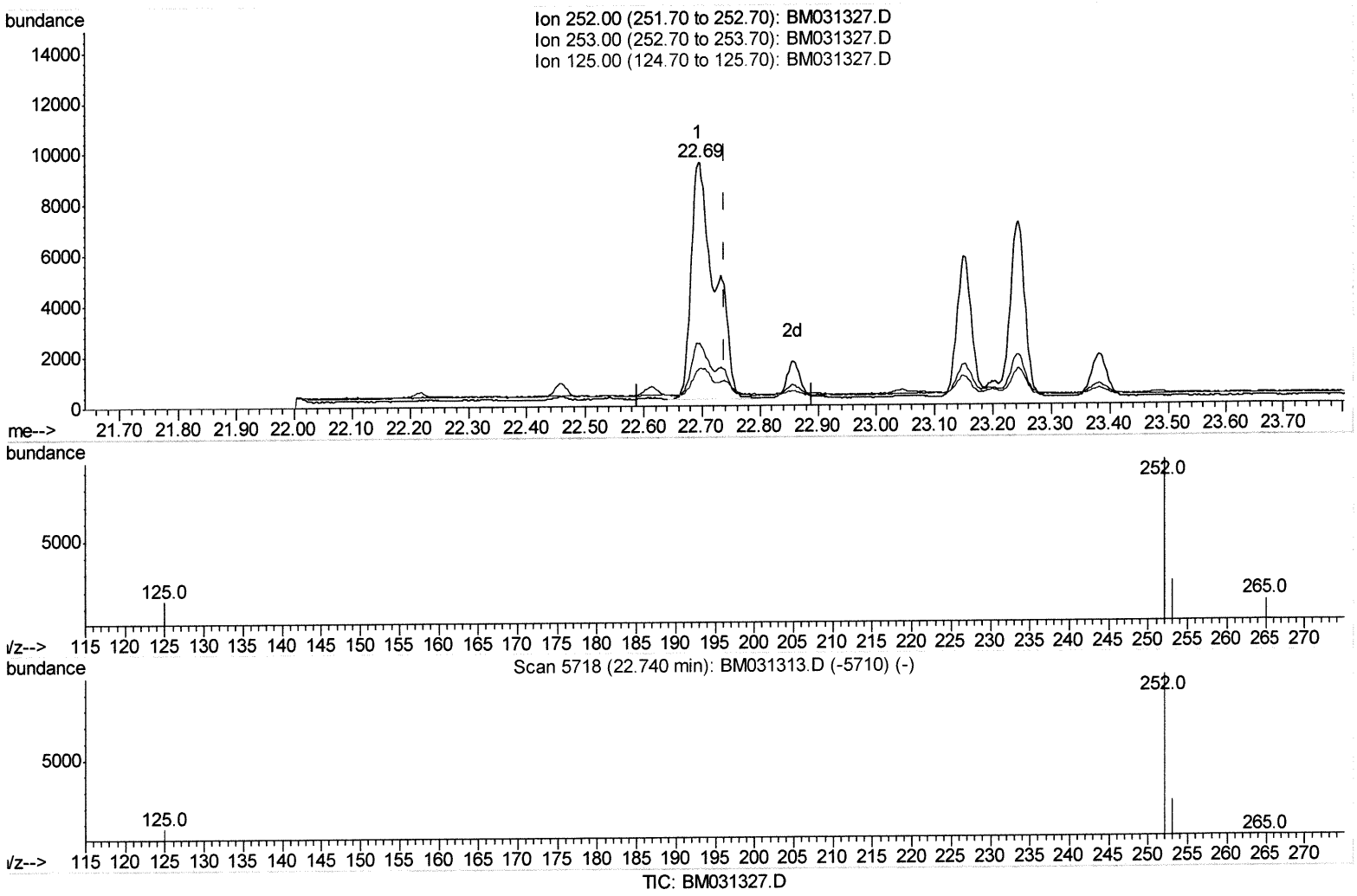
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.64
125.00	11.40	14.97
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031327.D
Acq On : 01 Aug 2021 00:21
Operator : CG/JU
Sample : M3091-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 02 03:17:04 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0044

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:17 PM



TIC: BM031327.D

(25) Benzo(k)fluoranthene

22.694min (-0.046) 1.12ng/ul

response 26351

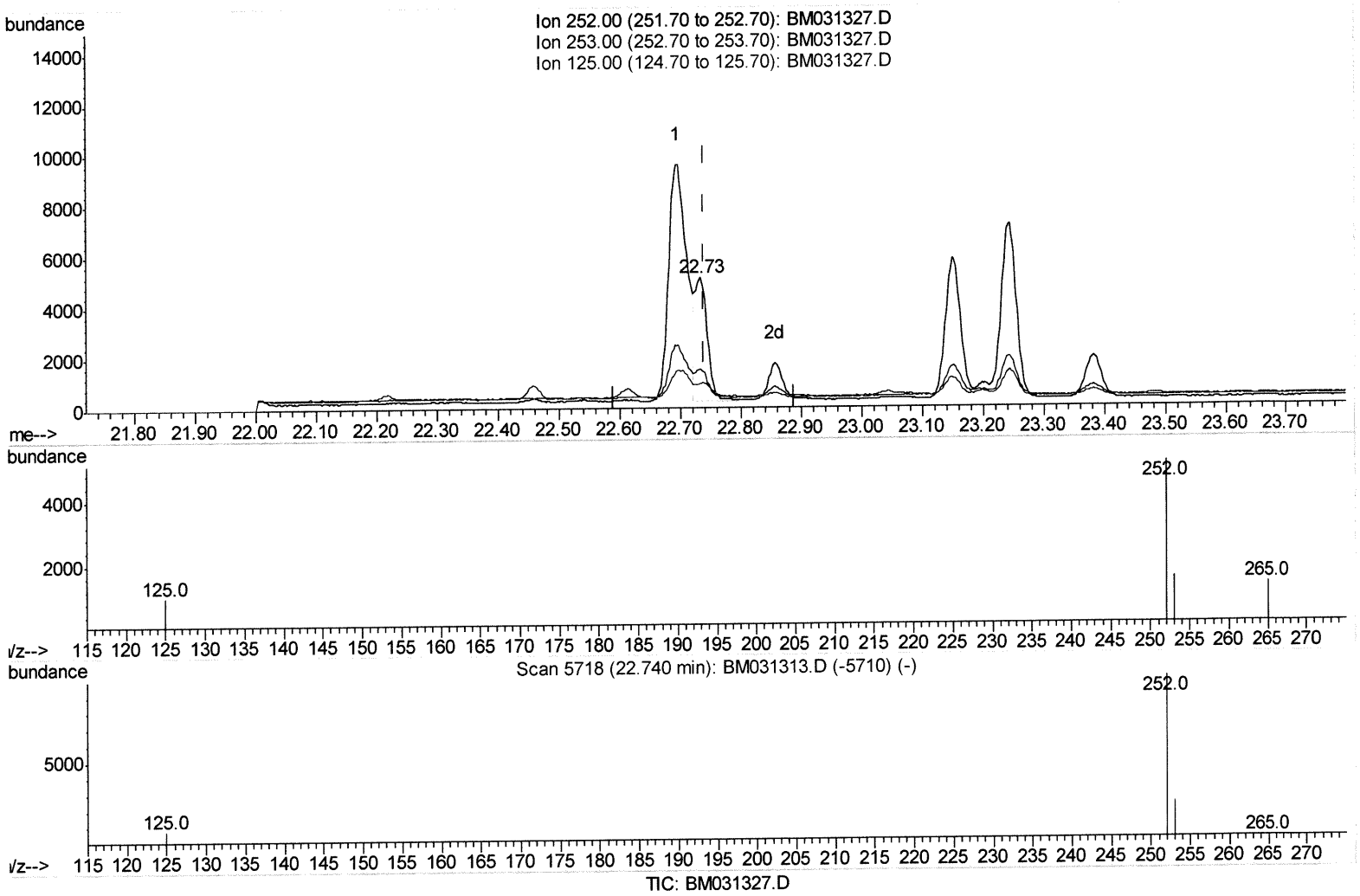
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.64
125.00	11.00	14.97#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031327.D
Acq On : 01 Aug 2021 00:21
Operator : CG/JU
Sample : M3091-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 02 03:17:04 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0044

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:17 PM



(25) Benzo(k)fluoranthene

22.733min (-0.007) 0.30ng/ul m JU 8/3/21

response 7119

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.64
125.00	11.00	19.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031327.D
Acq On : 01 Aug 2021 00:21
Operator : CG/JU
Sample : M3091-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0044

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:17 PM

Quant Time: Aug 02 03:19:33 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1377	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	5415	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3449	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	6634	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	5273	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	5059	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	4032	2.64	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	1626	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	3488	0.20	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.42	128	5001	0.310	ng/ul	100
7) 2-Methylnaphthalene	12.04	142	4732	0.429	ng/ul	100
8) 1-Methylnaphthalene	12.26	142	2954	0.271	ng/ul	99
10) Acenaphthylene	13.96	152	1491	0.101	ng/ul	91
11) Acenaphthene	14.30	153	325m	0.026	ng/ul	82
12) Fluorene	15.29	166	555	0.039	ng/ul#	82
15) Phenanthrene	17.03	178	13762	0.653	ng/ul	99
16) Anthracene	17.12	178	2421	0.123	ng/ul#	93
19) Fluoranthene	19.05	202	26832	1.192	ng/ul	98
20) Pyrene	19.41	202	23451	1.027	ng/ul	97
21) Benzo(a)anthracene	21.16	228	12154	0.571	ng/ul	96
22) Chrysene	21.21	228	15280	0.694	ng/ul	97
24) Benzo(b)fluoranthene	22.69	252	19346m	0.849	ng/ul	95
25) Benzo(k)fluoranthene	22.73	252	7119m	0.302	ng/ul	95
26) Benzo(a)pyrene	23.24	252	12016	0.602	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.48	276	9007	0.349	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.48	278	2290	0.110	ng/ul#	69
29) Benzo(g,h,i)perylene	26.13	276	7821	0.355	ng/ul	96

JU 8/3/21

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