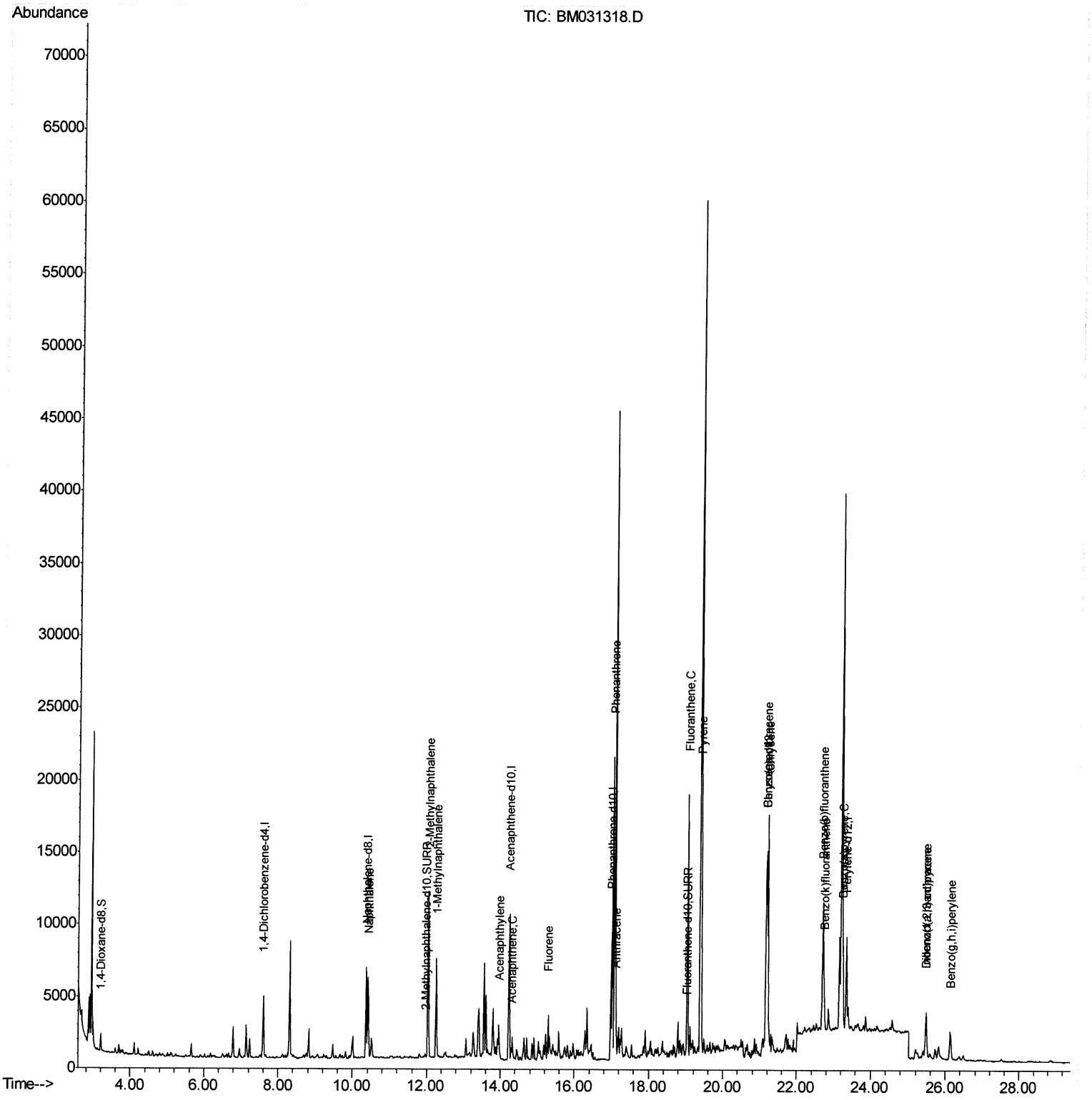
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031318.D
Acq On : 31 Jul 2021 18:48
Operator : CG/JU
Sample : M3084-07DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 02 09:13:48 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 :
C0025DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:45 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031318.D
Acq On : 31 Jul 2021 18:48
Operator : CG/JU
Sample : M3084-07DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 02 01:12:43 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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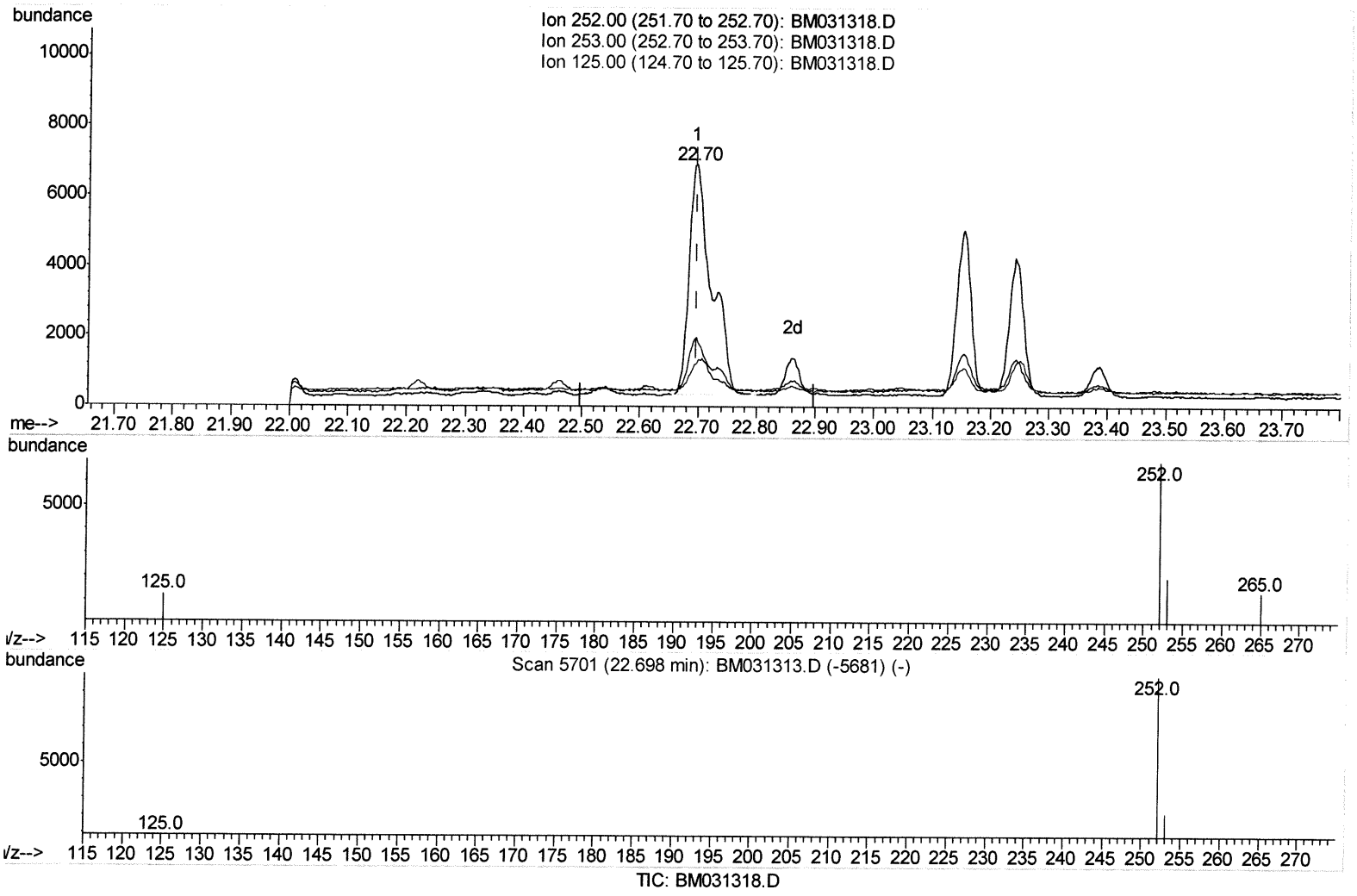

TIC: BM031318.D

(24) Benzo(b)fluoranthene

22.696min (-0.002) 0.50ng/ul

response 17732

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.61
125.00	11.40	17.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031318.D
Acq On : 31 Jul 2021 18:48
Operator : CG/JU
Sample : M3084-07DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 02 01:12:43 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 : Fri Jul 30 14:16:52 2021
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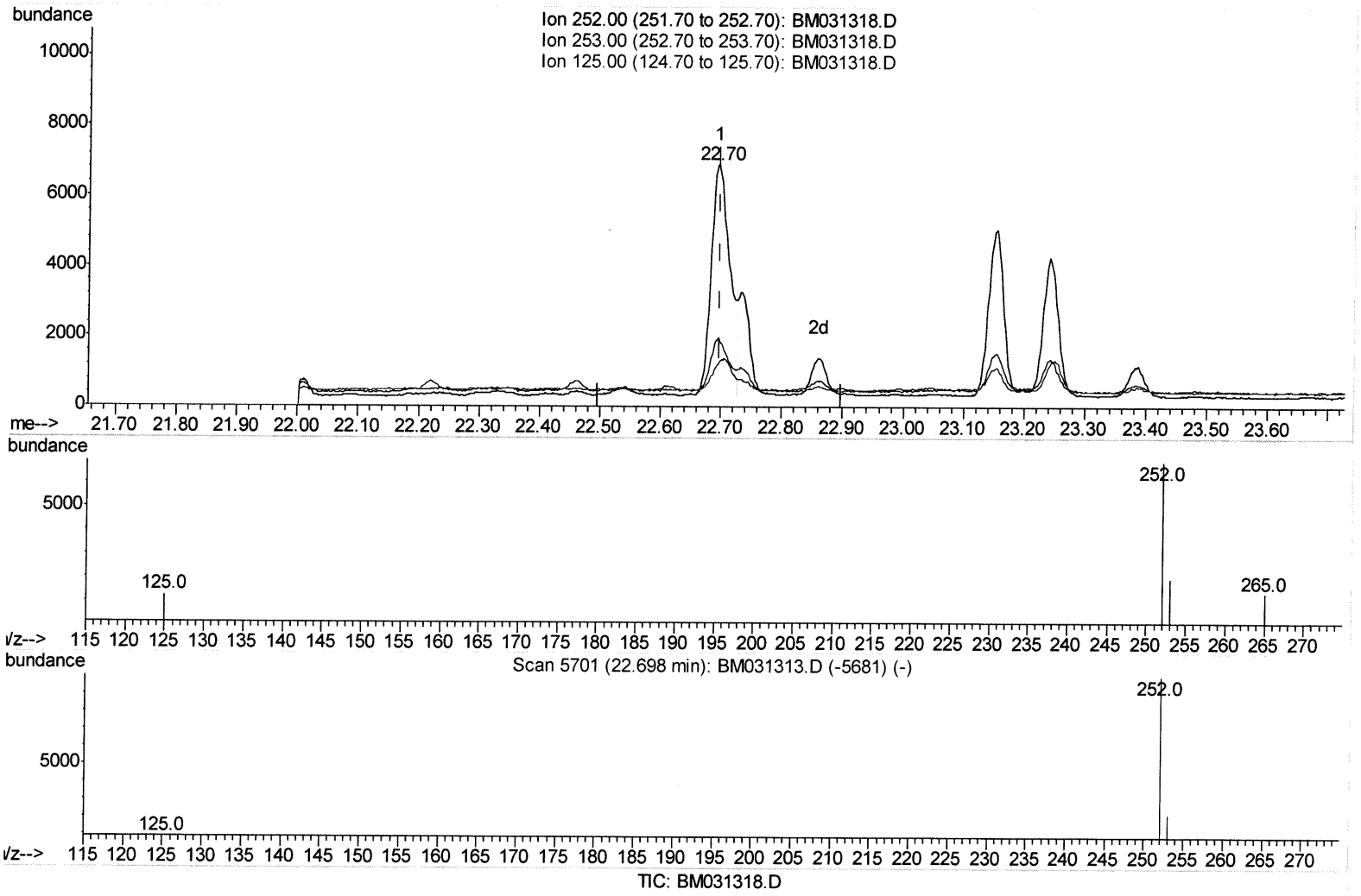
Instrument :
BNA_M
ClientSampleId :
C0025DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:45 PM



(24) Benzo(b)fluoranthene

22.696min (-0.002) 0.40ng/ul m JU 8/3/21

response 14177

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.61
125.00	11.40	17.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031318.D
Acq On : 31 Jul 2021 18:48
Operator : CG/JU
Sample : M3084-07DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 02 02:20:24 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 :
C0025DL

Manual Integrations APPROVED
mohammad
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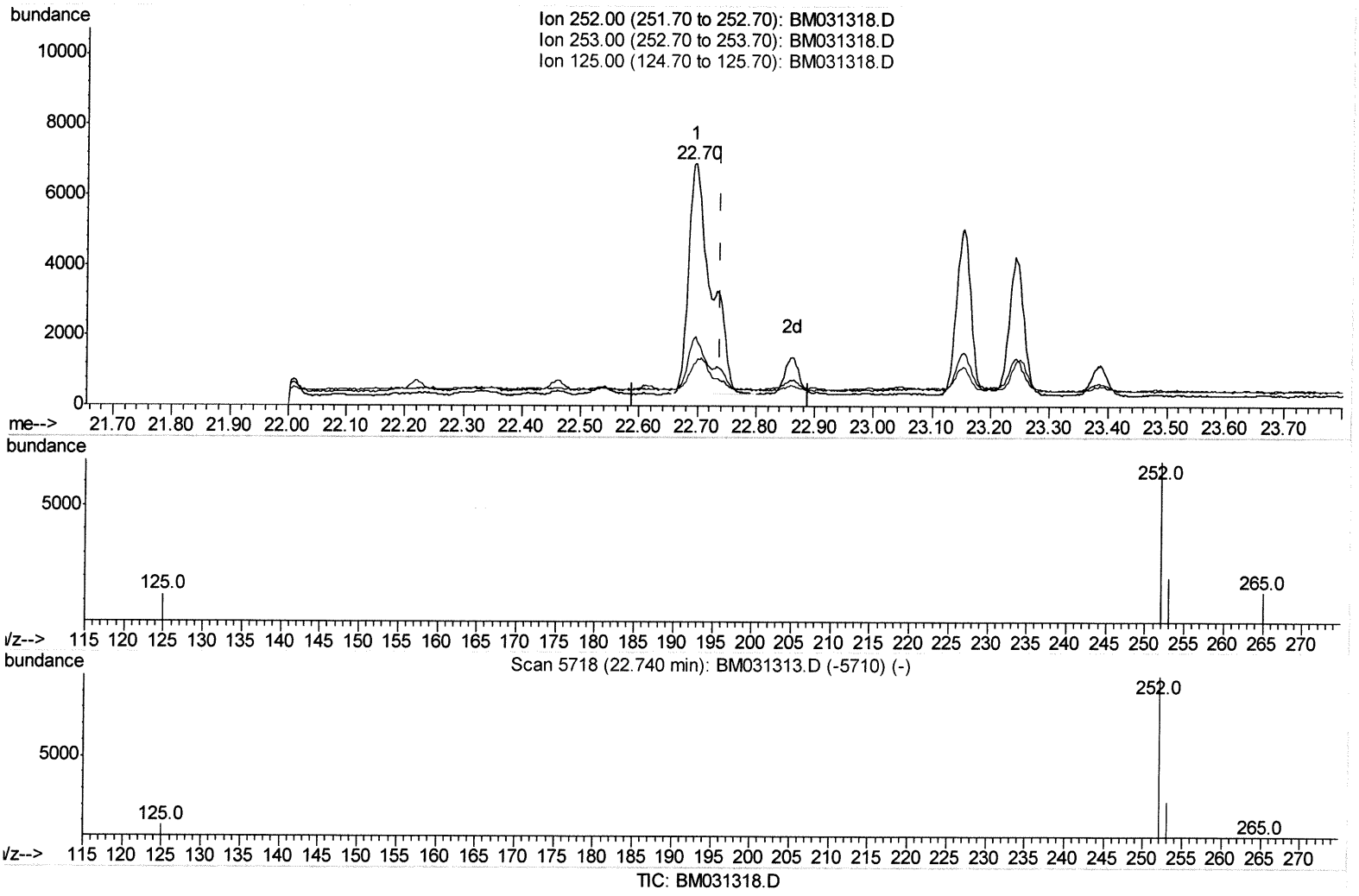

TIC: BM031318.D

(25) Benzo(k)fluoranthene

22.696min (-0.043) 0.49ng/ul

response 17732

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.61
125.00	11.00	17.88#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031318.D
Acq On : 31 Jul 2021 18:48
Operator : CG/JU
Sample : M3084-07DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 02 02:20:24 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 :
C0025DL

Manual Integrations APPROVED
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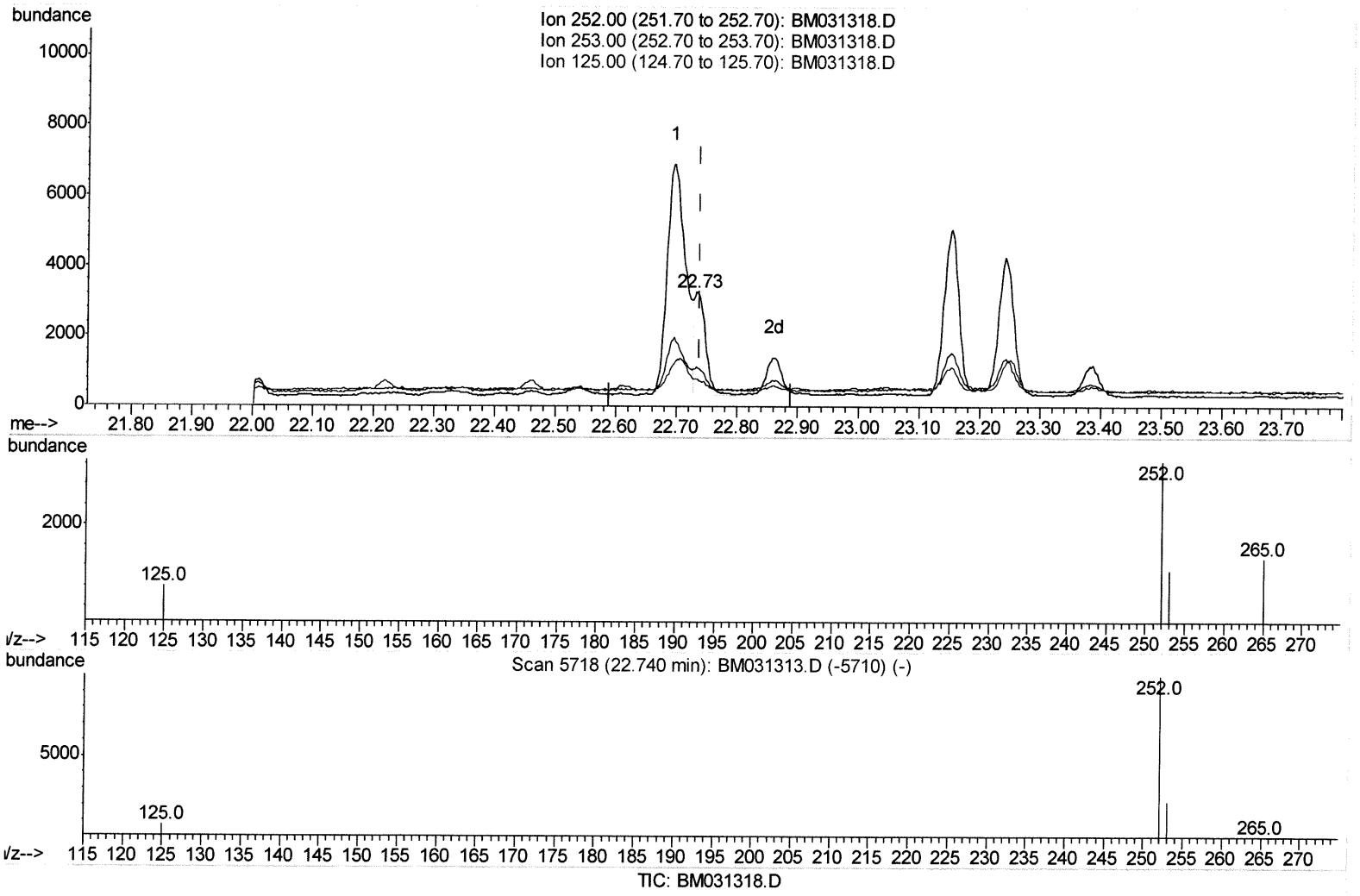

(25) Benzo(k)fluoranthene

22.733min (-0.007) 0.10ng/ul m JU 8/3/21

response 3666

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.42#
125.00	11.00	24.23#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031318.D
Acq On : 31 Jul 2021 18:48
Operator : CG/JU
Sample : M3084-07DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 02 02:21:39 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 :
C0025DL

Manual Integrations APPROVED
mohammad
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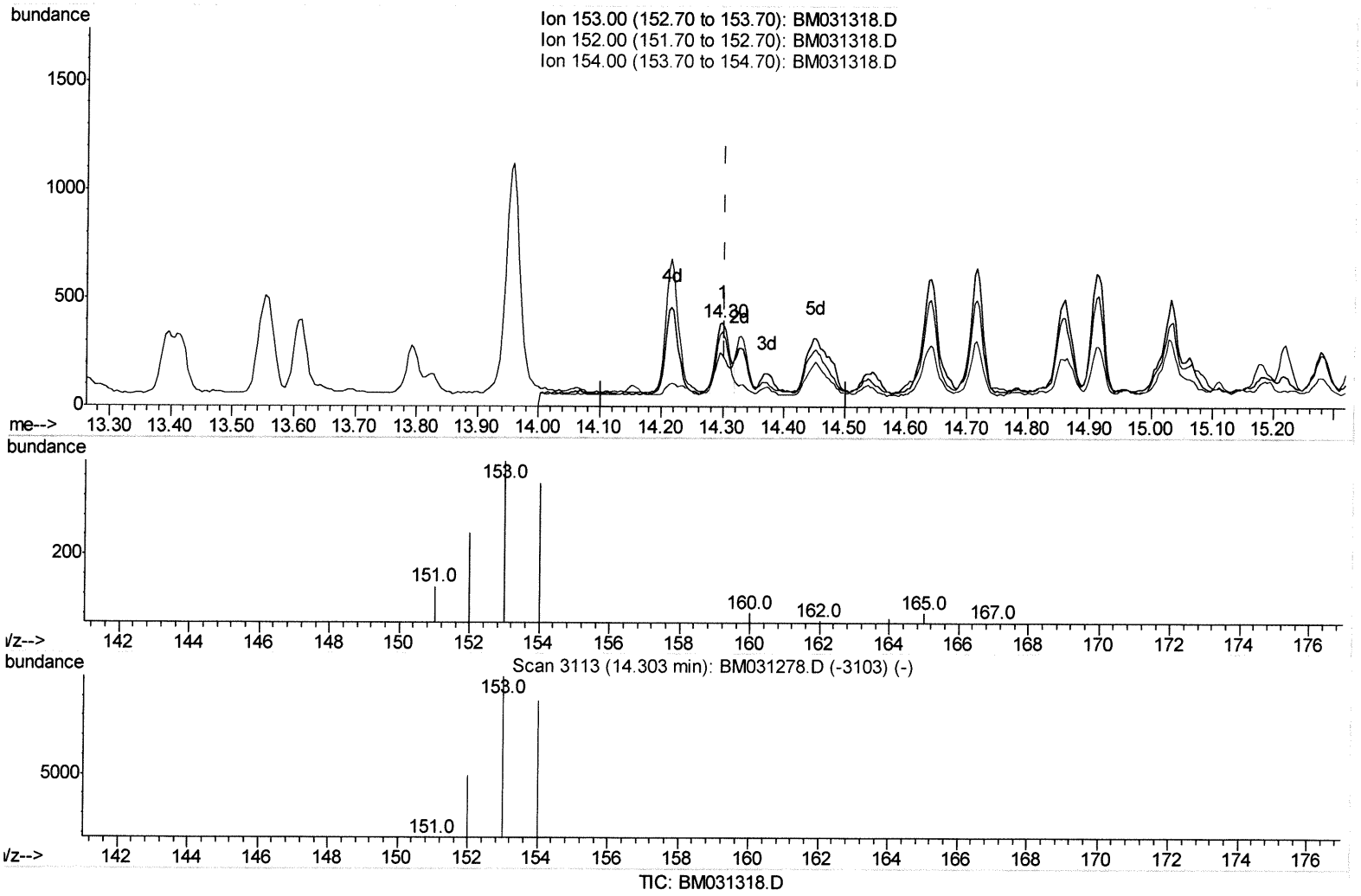


(11) Acenaphthene (C)

14.299min (-0.004) 0.03ng/ul

response 523

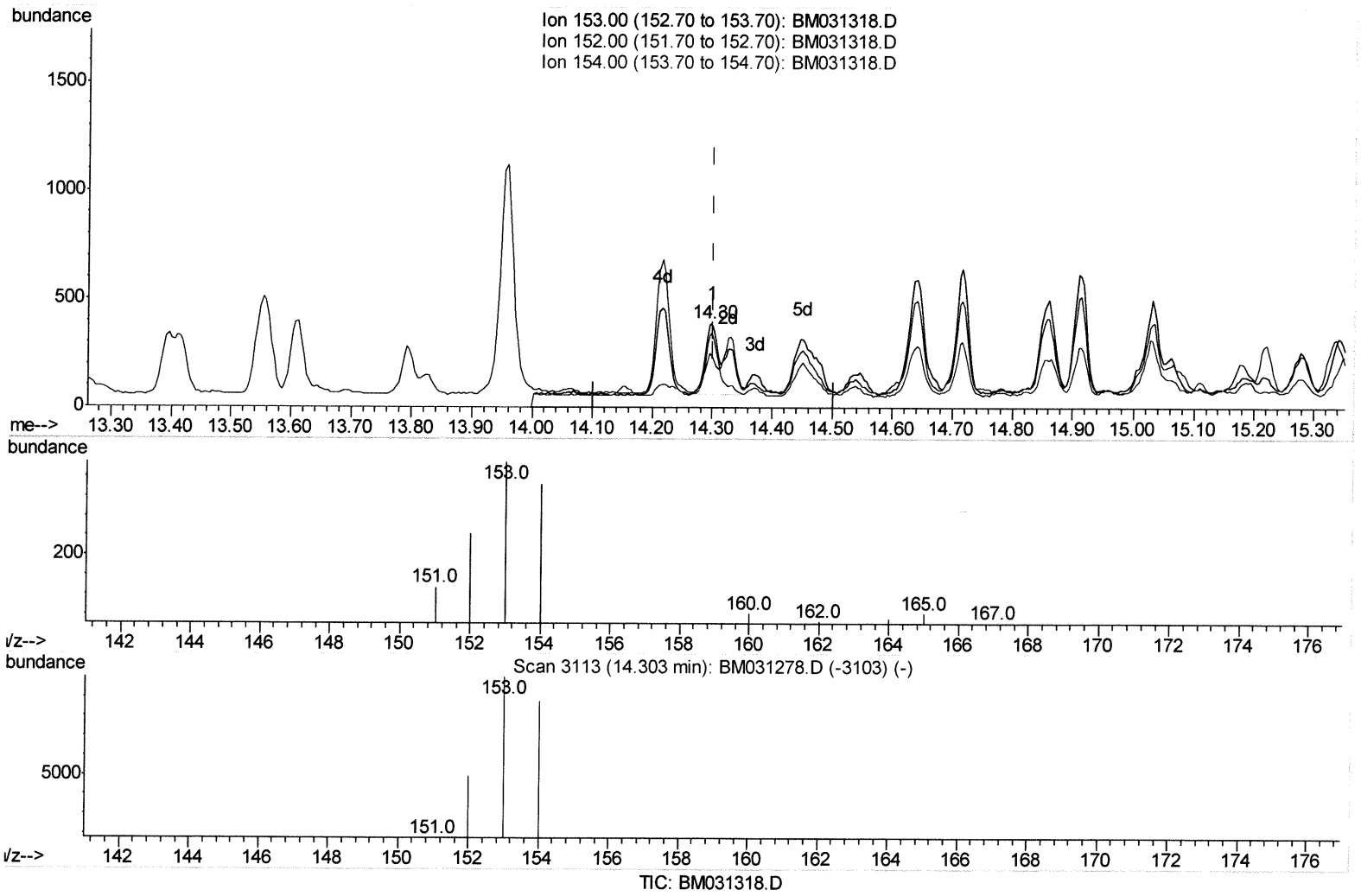
Ion	Exp%	Act%
153.00	100	100
152.00	50.90	62.21#
154.00	87.70	88.69
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031318.D
Acq On : 31 Jul 2021 18:48
Operator : CG/JU
Sample : M3084-07DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 02 02:21:39 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 :
C0025DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:45 PM



(11) Acenaphthene (C)

14.299min (-0.004) 0.04ng/ul m JU 8/3/21

response 796

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	62.21#
154.00	87.70	88.69
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031318.D
Acq On : 31 Jul 2021 18:48
Operator : CG/JU
Sample : M3084-07DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0025DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:45 PM

Quant Time: Aug 02 09:13:48 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	2053	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	8171	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	5260	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	10404	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	8378	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	7823	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	792	0.35	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	310	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	694	0.02	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.42	128	7527	0.309	ng/ul	99
7) 2-Methylnaphthalene	12.04	142	8087	0.486	ng/ul	99
8) 1-Methylnaphthalene	12.26	142	4630	0.282	ng/ul	99
10) Acenaphthylene	13.96	152	1705	0.076	ng/ul	92
11) Acenaphthene	14.30	153	796m	0.042	ng/ul	> JU 8/3/21
12) Fluorene	15.29	166	1489	0.069	ng/ul#	83
15) Phenanthrene	17.03	178	22032	0.667	ng/ul	98
16) Anthracene	17.12	178	2731	0.088	ng/ul#	93
19) Fluoranthene	19.05	202	15703	0.439	ng/ul#	95
20) Pyrene	19.41	202	14880	0.410	ng/ul#	95
21) Benzo(a)anthracene	21.16	228	9313	0.275	ng/ul#	86
22) Chrysene	21.21	228	17637	0.504	ng/ul#	95
24) Benzo(b)fluoranthene	22.70	252	14177m	0.402	ng/ul	JU 8/3/21
25) Benzo(k)fluoranthene	22.73	252	3666m	0.101	ng/ul	
26) Benzo(a)pyrene	23.24	252	6979	0.226	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.48	276	4379	0.110	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.48	278	1716	0.053	ng/ul#	44
29) Benzo(g,h,i)perylene	26.13	276	3960	0.116	ng/ul#	87

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