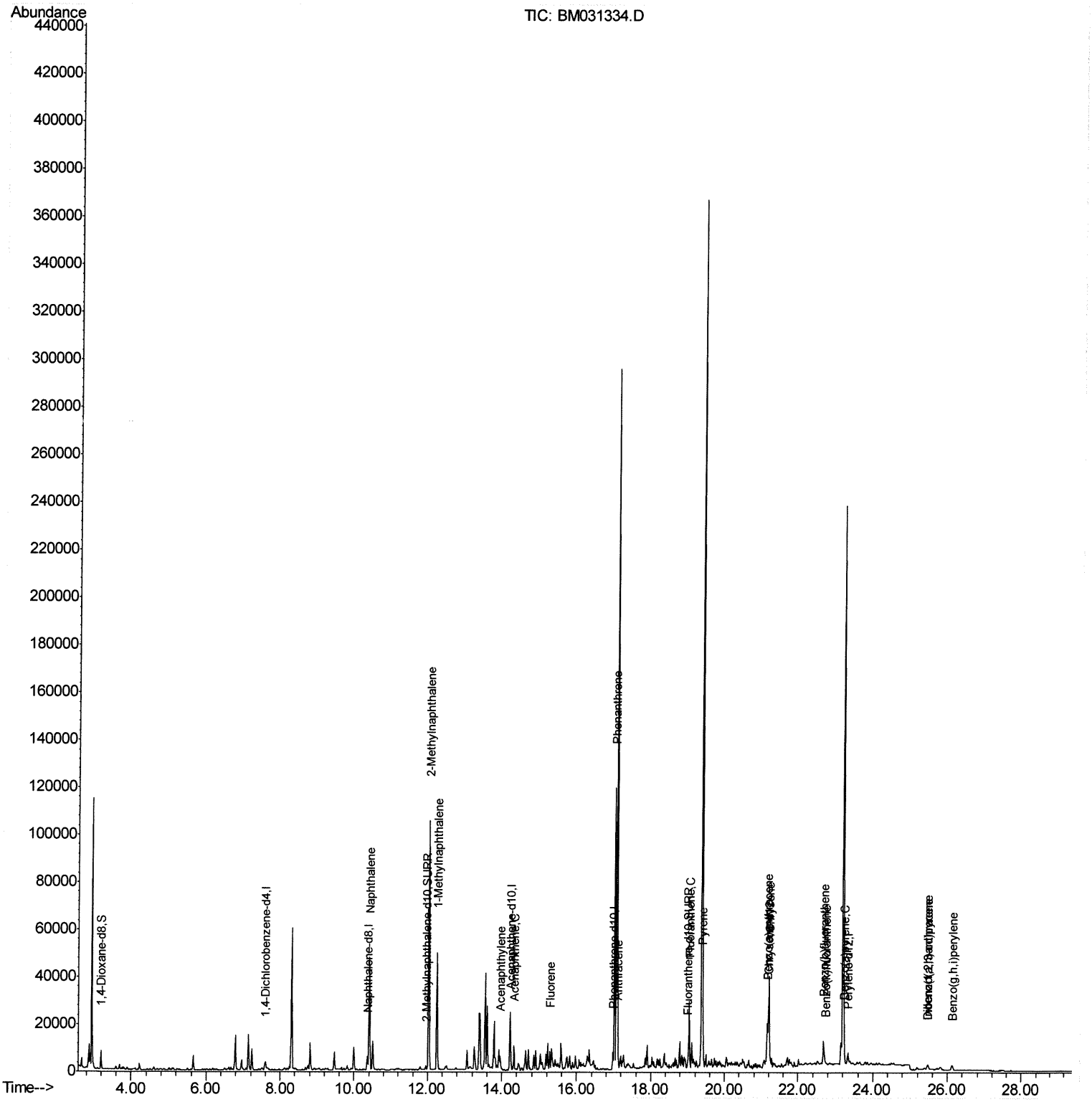
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031334.D
Acq On : 01 Aug 2021 05:16
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 02 04:11:54 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 :
C0047

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:41 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031334.D
Acq On : 01 Aug 2021 05:16
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 02 01:15:08 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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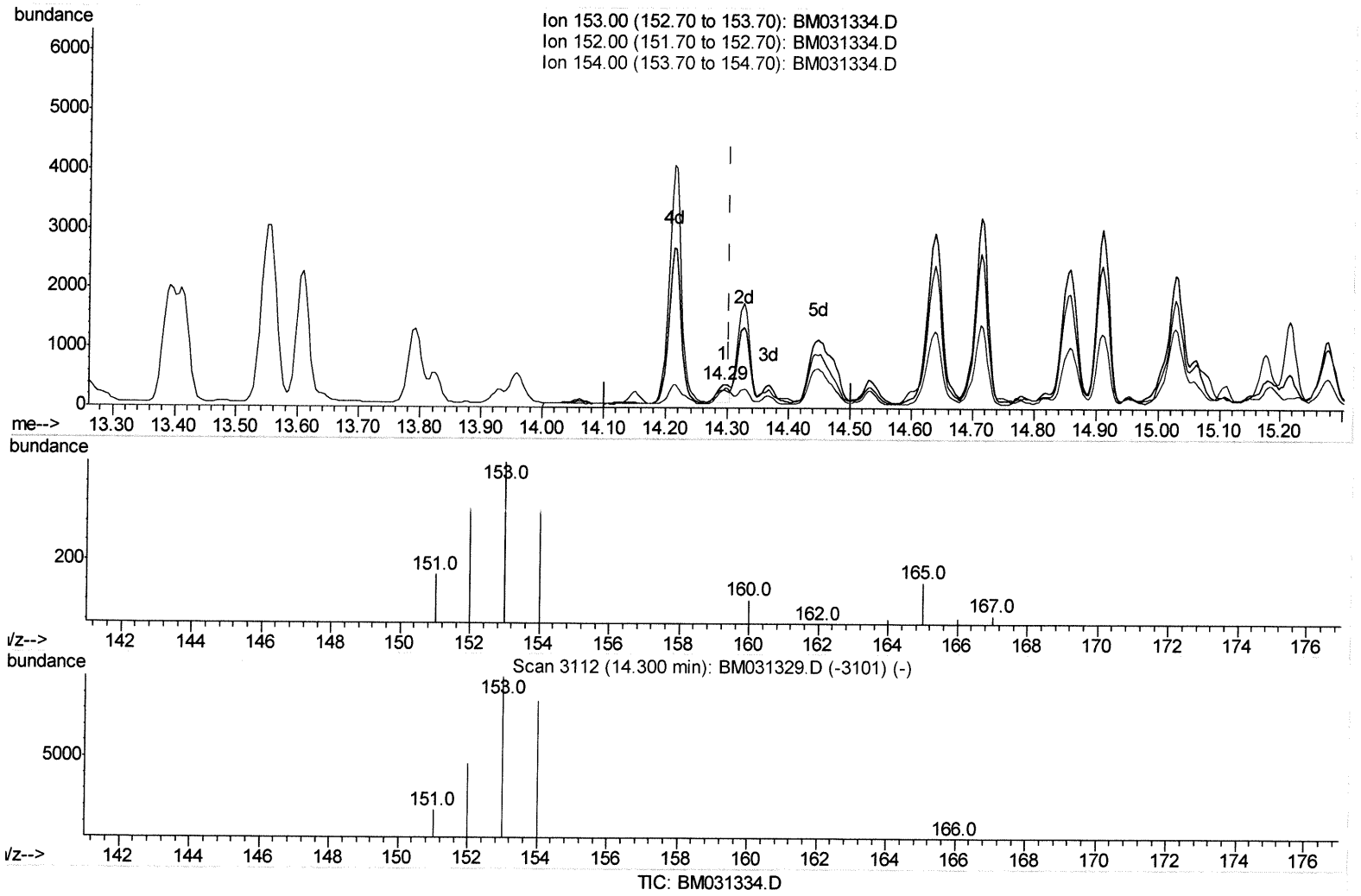

TIC: BM031334.D

(11) Acenaphthene (C)

14.292min (-0.011) 0.02ng/ul

response 429

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	76.75#
154.00	87.70	75.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031334.D
Acq On : 01 Aug 2021 05:16
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 02 01:15:08 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 :
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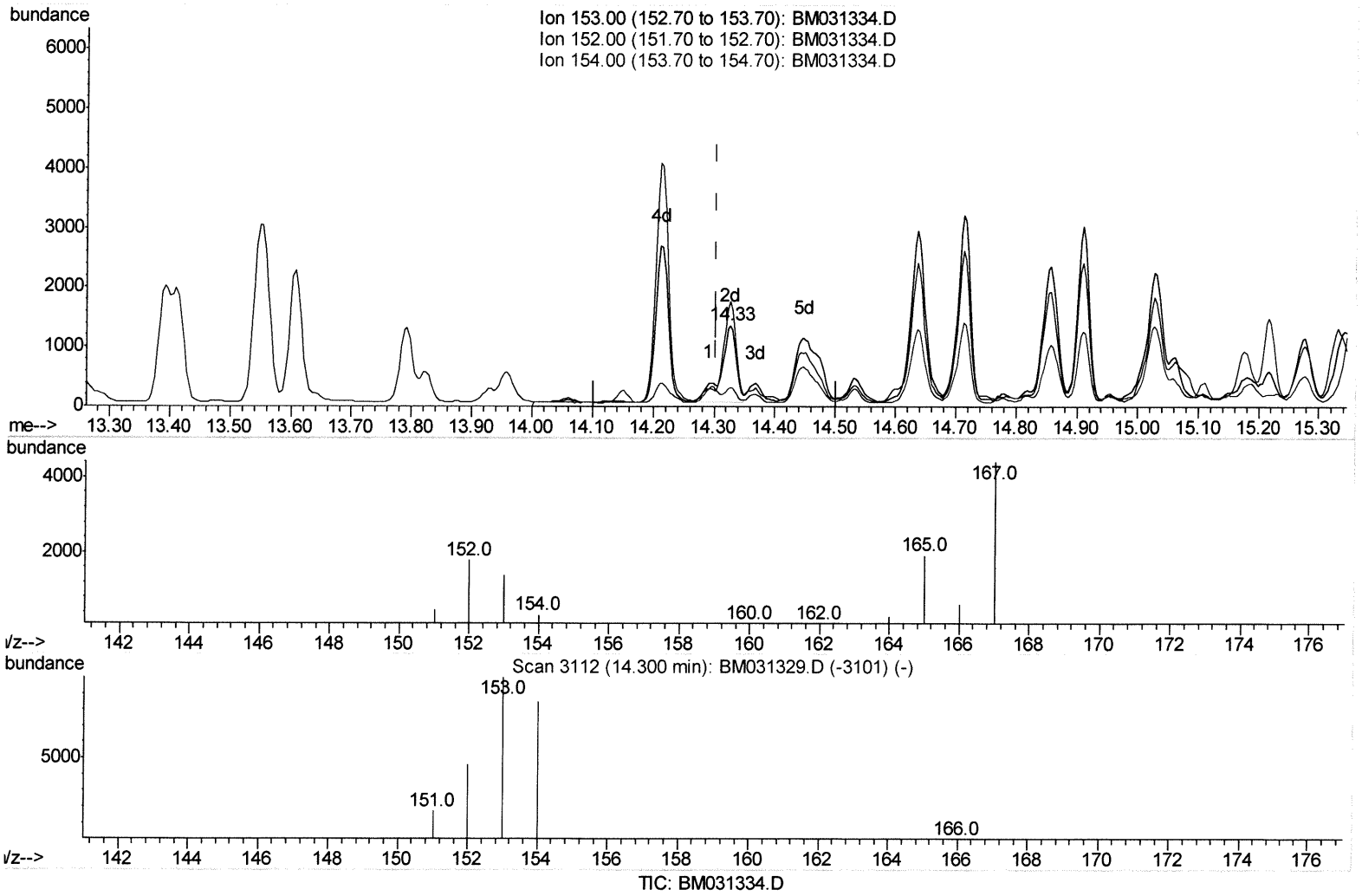
ClientSampleId :
C0047

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:41 PM



TIC: BM031334.D

(11) Acenaphthene (C)

14.326min (+0.023) 0.14ng/ul m

response 2359

JCB 8/2/21

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	130.21#
154.00	87.70	23.09#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031334.D
Acq On : 01 Aug 2021 05:16
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 02 04:06:32 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0047

Manual Integrations APPROVED
mohammad
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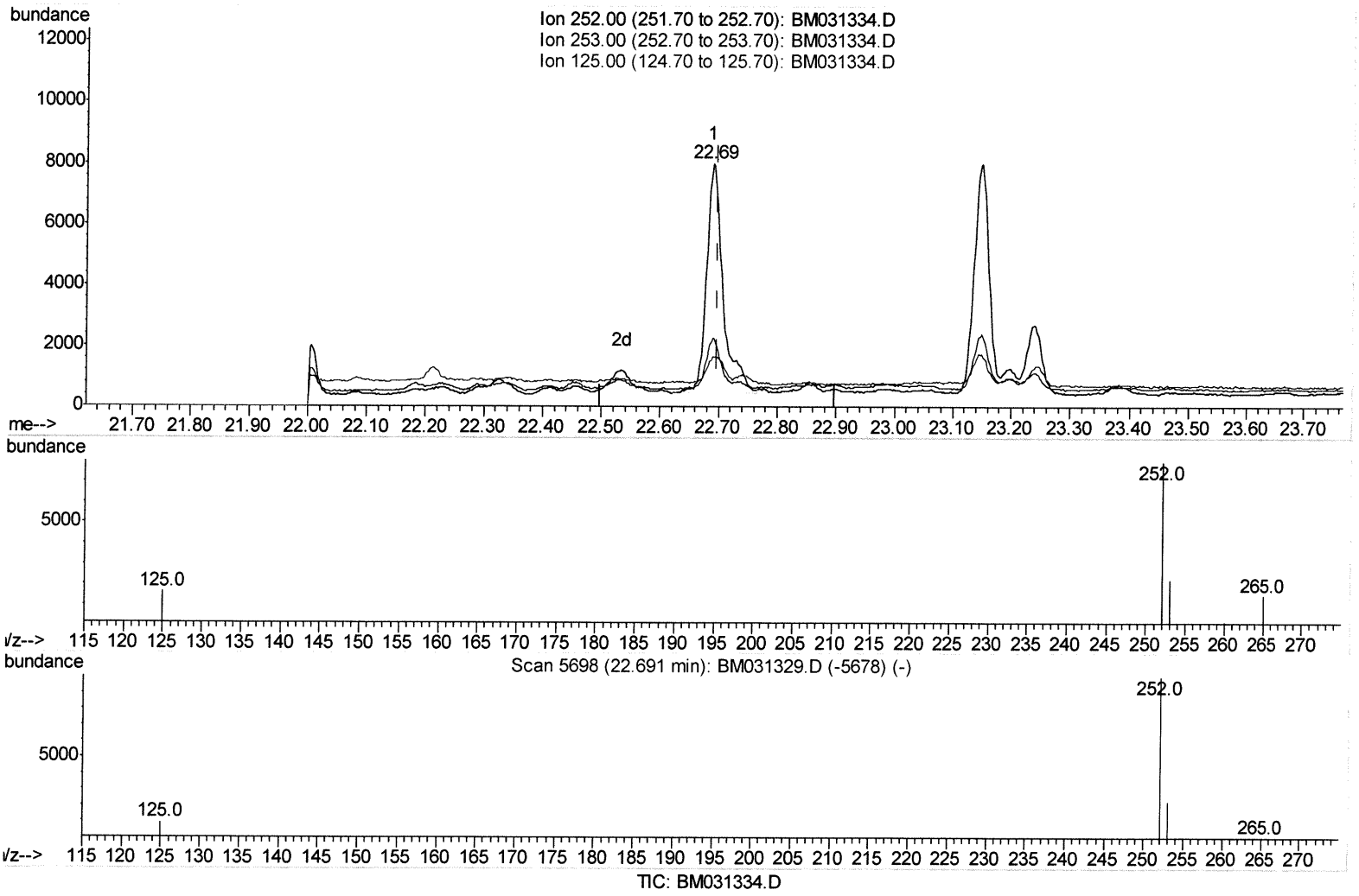

TIC: BM031334.D

(24) Benzo(b)fluoranthene

22.689min (-0.009) 0.57ng/ul

response 14959

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.08
125.00	11.40	20.28
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031334.D
Acq On : 01 Aug 2021 05:16
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 02 04:06:32 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0047

Manual Integrations APPROVED
mohammad
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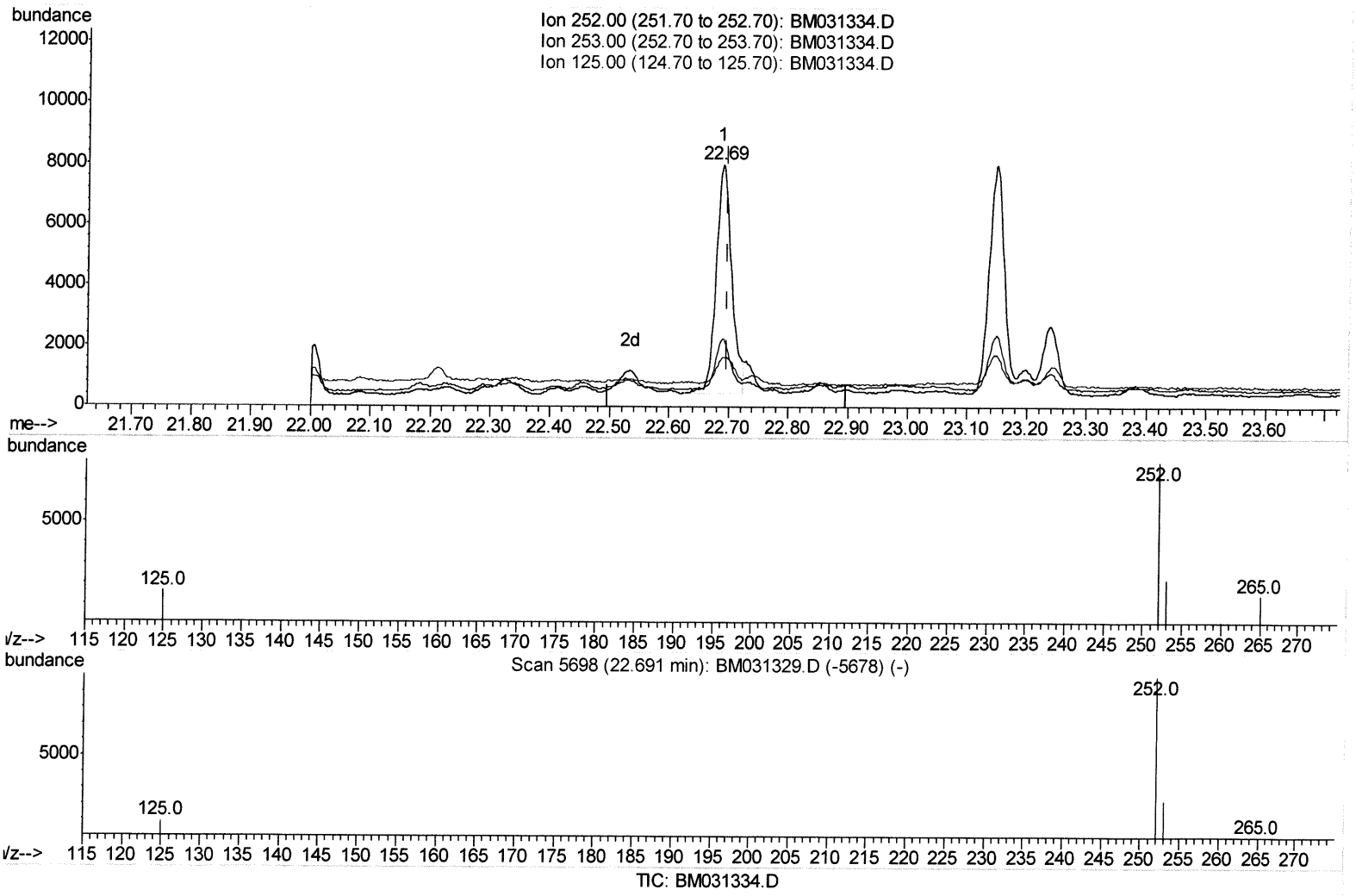

TIC: BM031334.D

(24) Benzo(b)fluoranthene

22.689min (-0.009) 0.53ng/ul m

response 13890

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	28.08
125.00	11.40	20.28
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031334.D
Acq On : 01 Aug 2021 05:16
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 02 04:10:15 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 :
C0047

Manual Integrations APPROVED
mohammad
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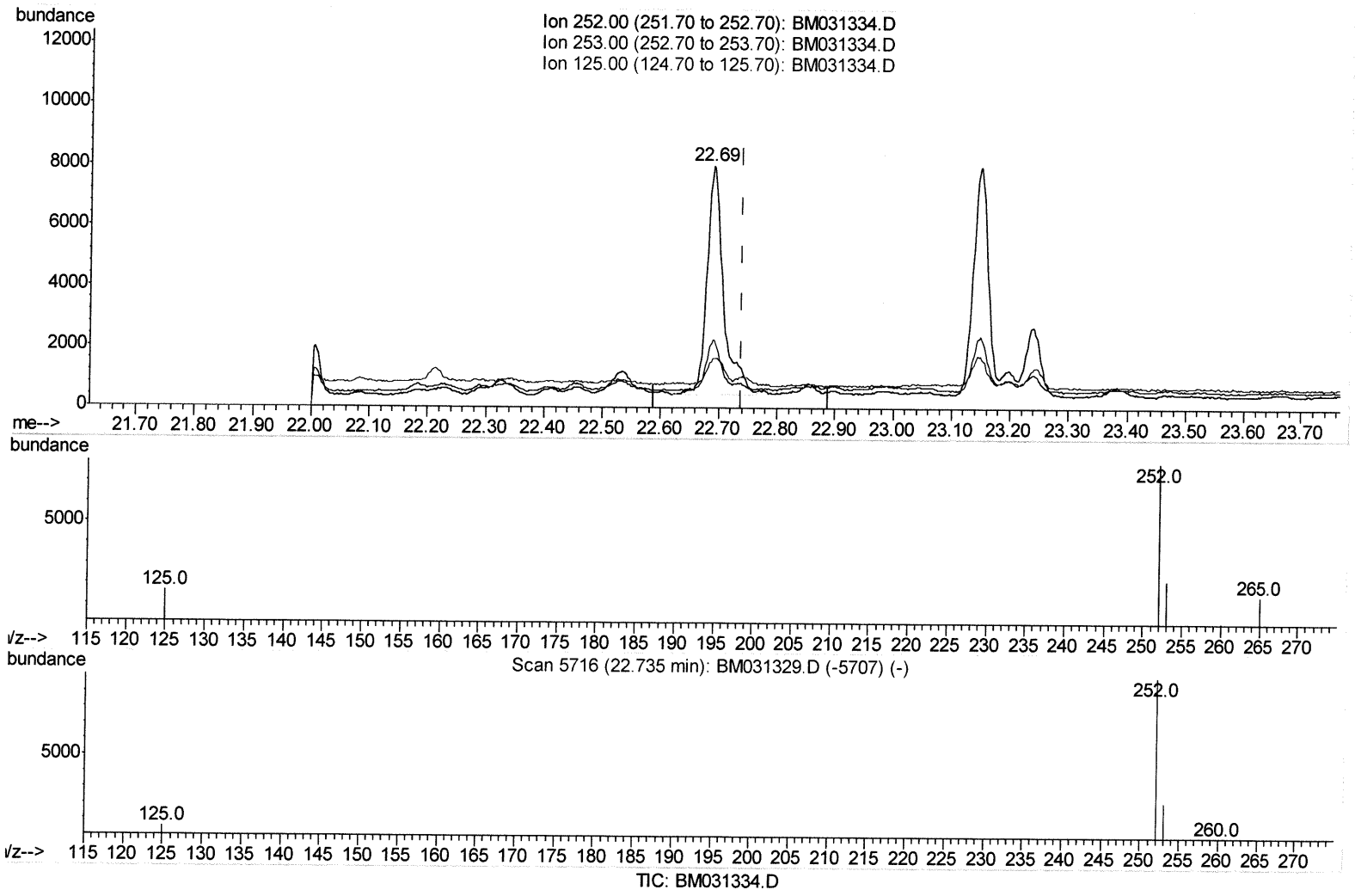

TIC: BM031334.D

(25) Benzo(k)fluoranthene

22.689min (-0.051) 0.55ng/ul

response 14959

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.08
125.00	11.00	20.28#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031334.D
Acq On : 01 Aug 2021 05:16
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 02 04:10:15 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 :
C0047

Manual Integrations APPROVED
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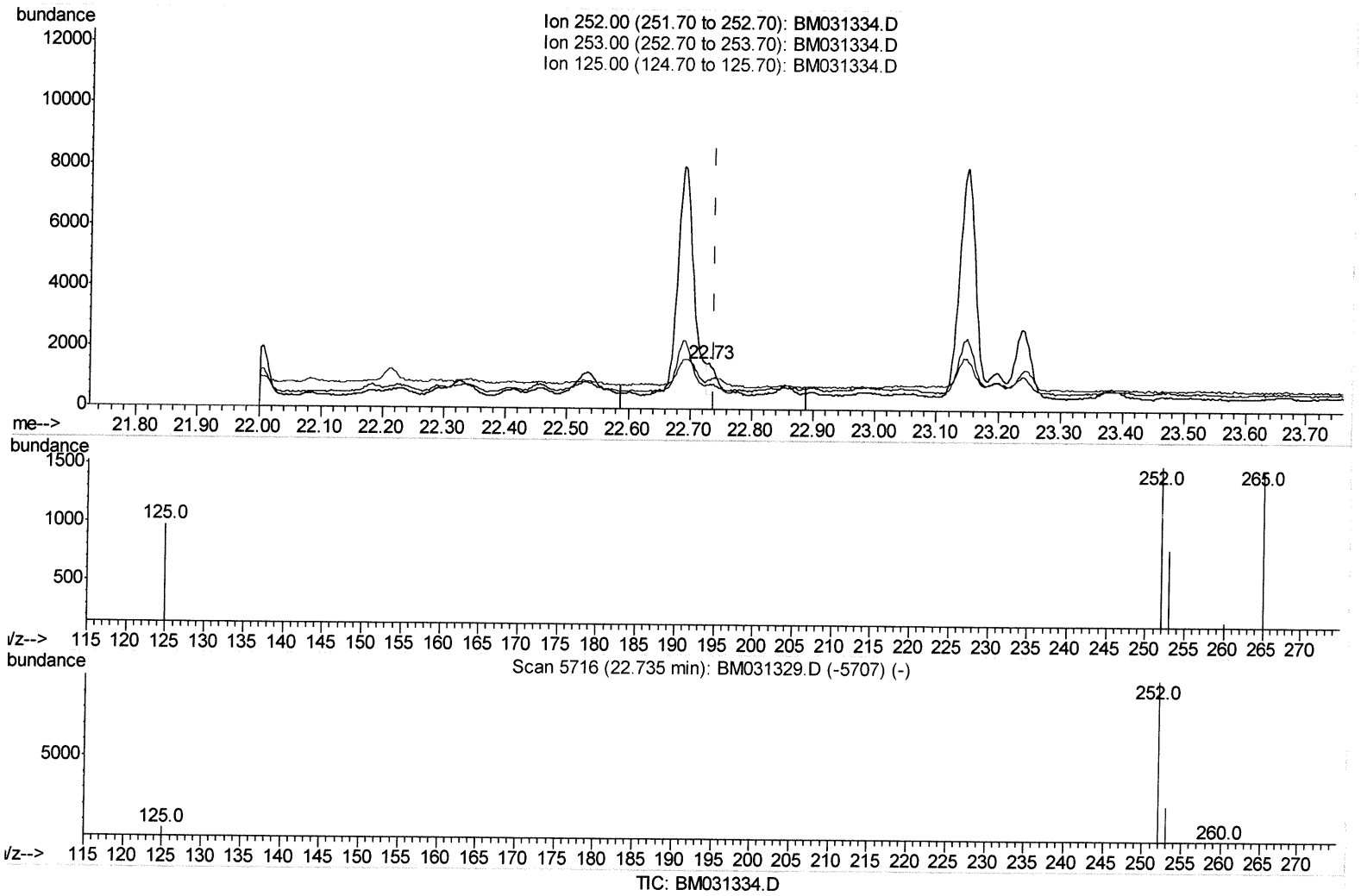

TIC: BM031334.D

(25) Benzo(k)fluoranthene

22.730min (-0.009) 0.04ng/ul m JU 8/3/21

response 1111

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	53.24#
125.00	11.00	64.27#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031334.D
Acq On : 01 Aug 2021 05:16
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0047

Manual Integrations APPROVED
mohammad
8/2/2021 3:42:41 PM

Quant Time: Aug 02 04:11:54 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1647	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	6552	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	4814	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	8265	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	6358	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	5809	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	4722	2.58	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.96	152	1924	0.17	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	4186	0.20	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.41	128	62557	3.205	ng/ul	97
7) 2-Methylnaphthalene	12.03	142	72719	5.454	ng/ul	100
8) 1-Methylnaphthalene	12.25	142	33013	2.506	ng/ul	100
10) Acenaphthylene	13.96	152	830	0.040	ng/ul#	48
11) Acenaphthene	14.33	153	2359m	0.137	ng/ul	97
12) Fluorene	15.29	166	2756	0.139	ng/ul#	65
15) Phenanthrene	17.02	178	123802	4.717	ng/ul	97
16) Anthracene	17.11	178	6344	0.258	ng/ul#	95
19) Fluoranthene	19.05	202	25033	0.922	ng/ul#	93
20) Pyrene	19.41	202	24469	0.889	ng/ul#	93
21) Benzo(a)anthracene	21.16	228	12307	0.479	ng/ul#	77
22) Chrysene	21.20	228	43482	1.637	ng/ul#	94
24) Benzo(b)fluoranthene	22.69	252	13890m	0.531	ng/ul	97
25) Benzo(k)fluoranthene	22.73	252	1111m	0.041	ng/ul	97
26) Benzo(a)pyrene	23.24	252	4182	0.182	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	25.48	276	2254	0.076	ng/ul#	79
28) Dibenzo(a,h)anthracene	25.48	278	2508	0.105	ng/ul#	30
29) Benzo(g,h,i)perylene	26.12	276	4388	0.174	ng/ul#	85

JU 8/3/21

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