Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015510.D
Acq On : 13 Jul 2021 04:02
Operator : CG/JU
Sample : M2854-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 13 06:25:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 06:18:23 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDT7

Manual Integrations APPROVED
mohammad
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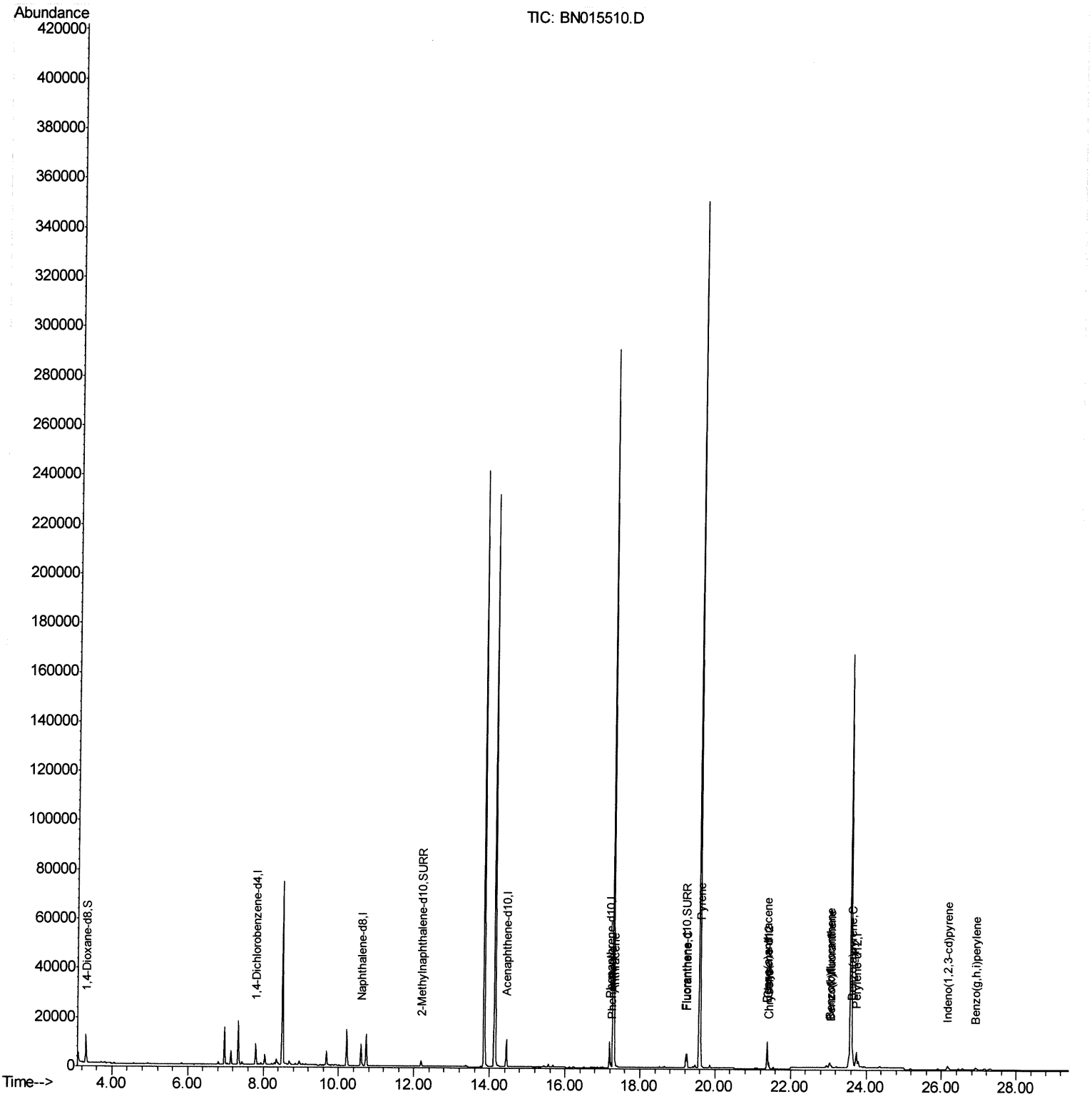

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015510.D
Acq On : 13 Jul 2021 04:02
Operator : CG/JU
Sample : M2854-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 13 06:18:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 06:18:23 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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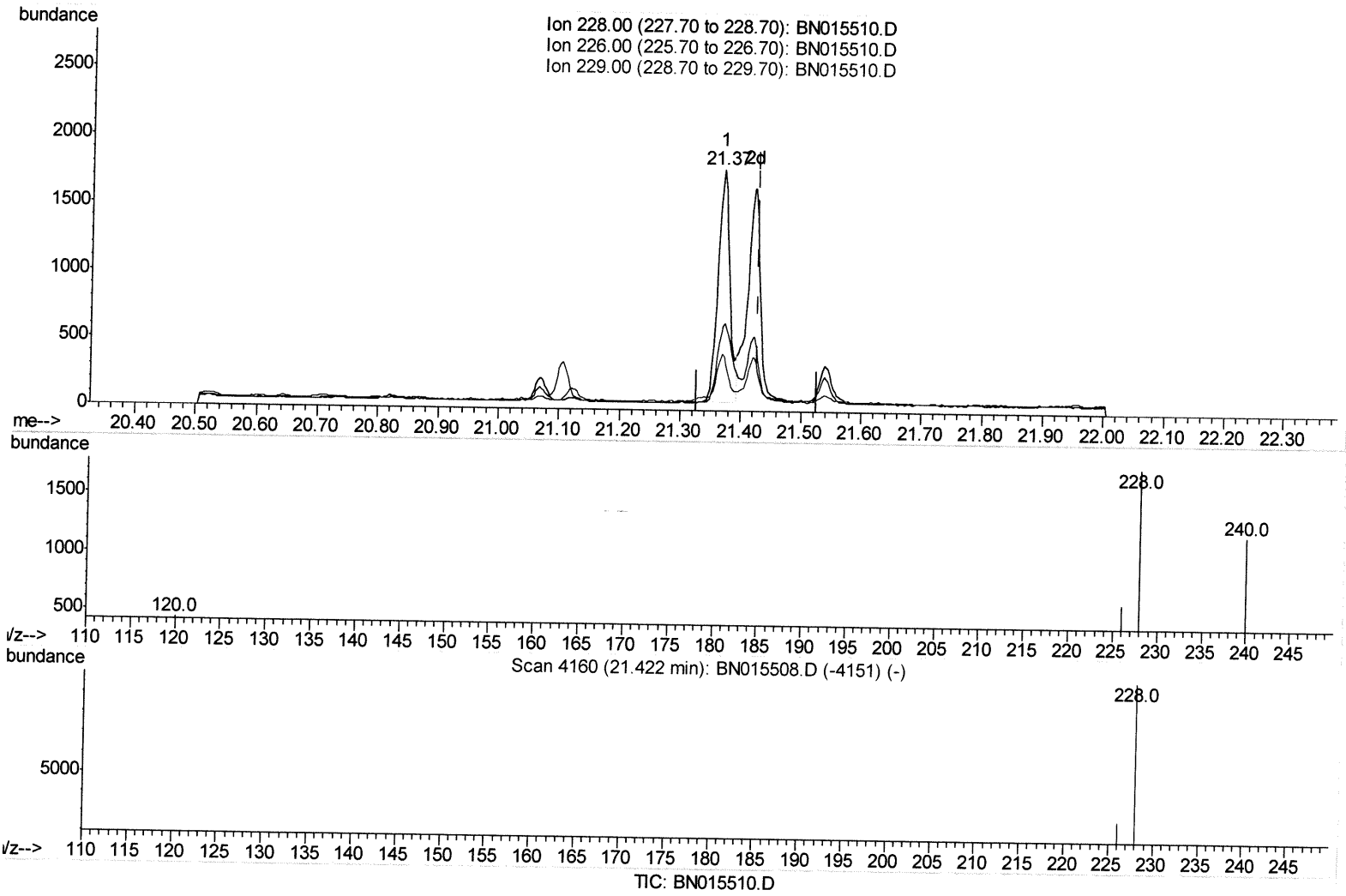

(22) Chrysene

21.369min (-0.058) 0.06ng/ul

response 2344

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	35.19
229.00	19.60	23.51
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015510.D
Acq On : 13 Jul 2021 04:02
Operator : CG/JU
Sample : M2854-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 13 06:18:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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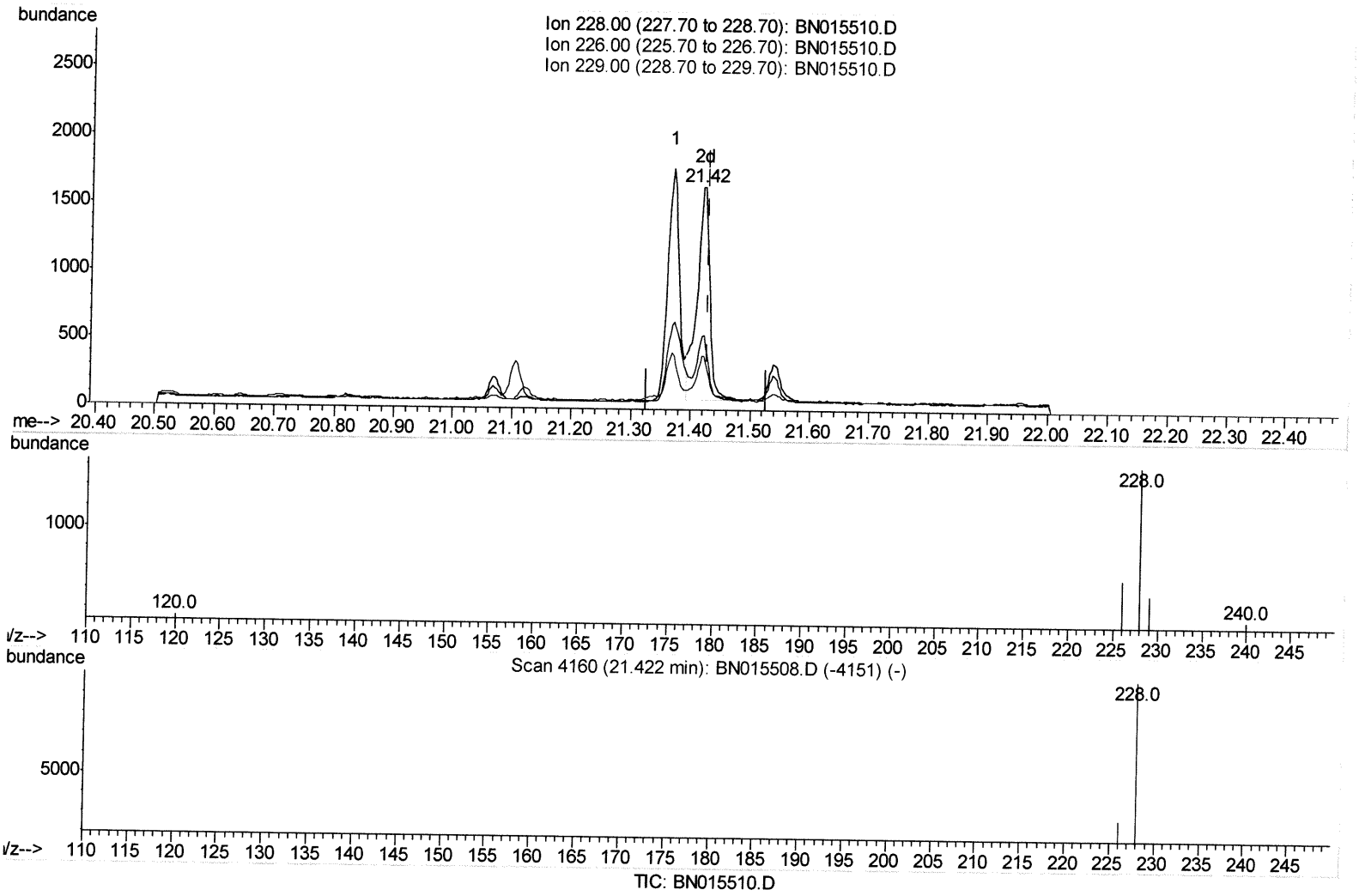

(22) Chrysene

21.419min (-0.009) 0.06ng/ul m

response 2334

JU 7/14/21

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	33.13
229.00	19.60	23.91#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015510.D
Acq On : 13 Jul 2021 04:02
Operator : CG/JU
Sample : M2854-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 13 06:23:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 06:18:23 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDT7

Manual Integrations APPROVED
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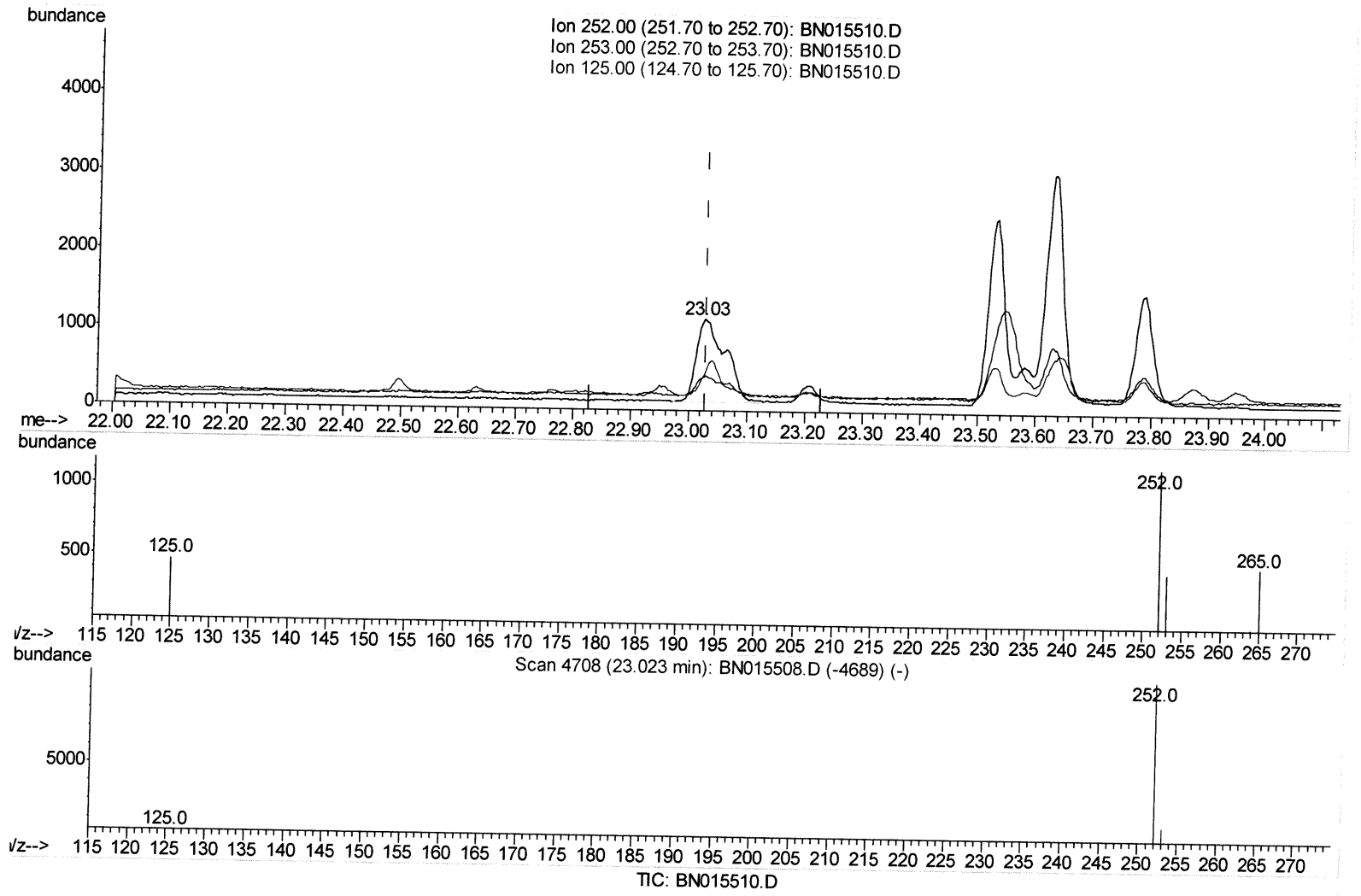

(24) Benzo(b)fluoranthene

23.026min (-0.003) 0.09ng/ul

response 3625

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	37.36
125.00	14.20	39.93#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015510.D
Acq On : 13 Jul 2021 04:02
Operator : CG/JU
Sample : M2854-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 13 06:23:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 06:18:23 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDT7

Manual Integrations APPROVED
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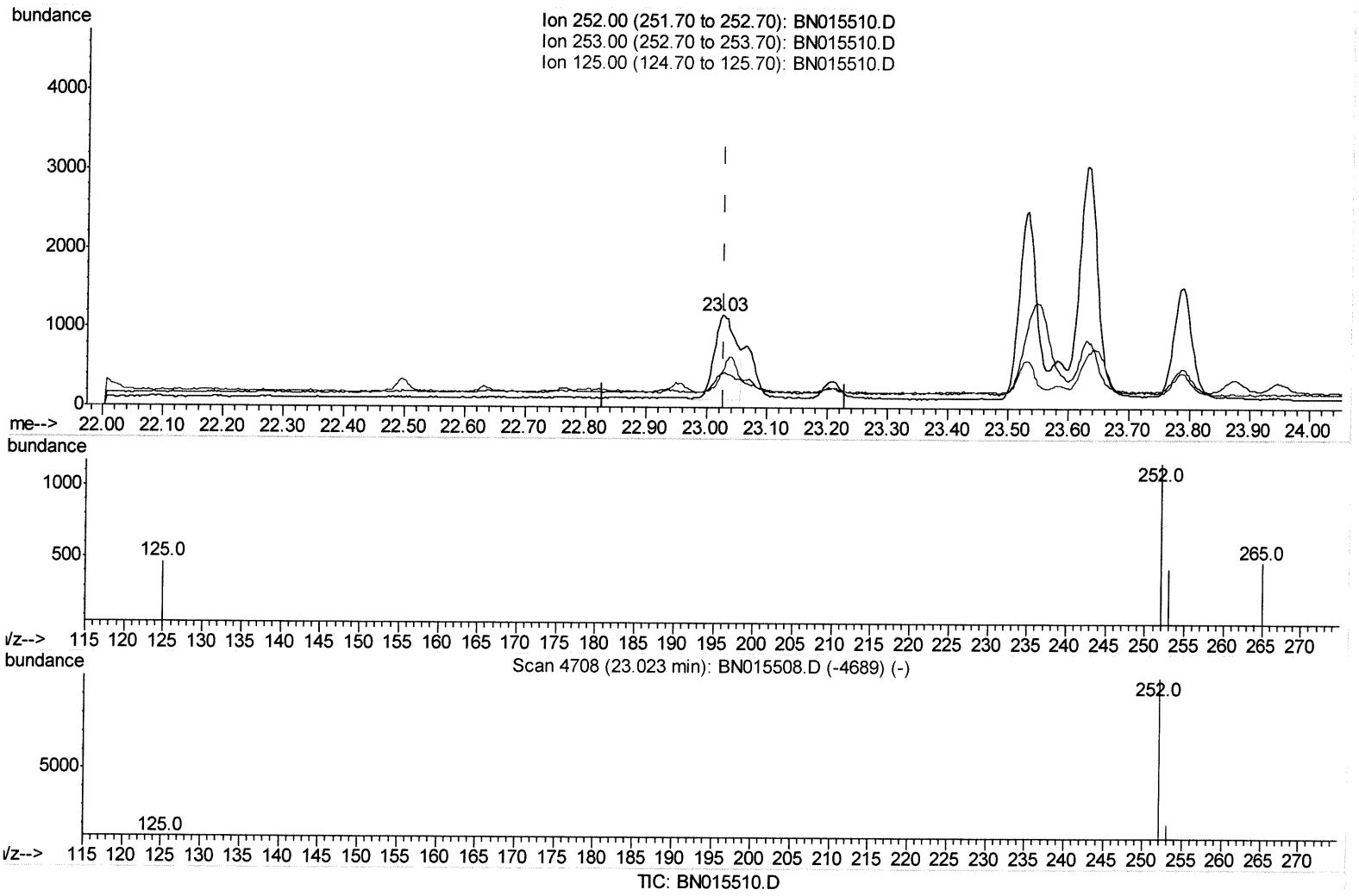

(24) Benzo(b)fluoranthene

23.026min (-0.003) 0.07ng/ul m JU 7/14/21

response 2627

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	37.36
125.00	14.20	39.93#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015510.D
Acq On : 13 Jul 2021 04:02
Operator : CG/JU
Sample : M2854-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 13 06:24:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 06:18:23 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDT7

Manual Integrations APPROVED
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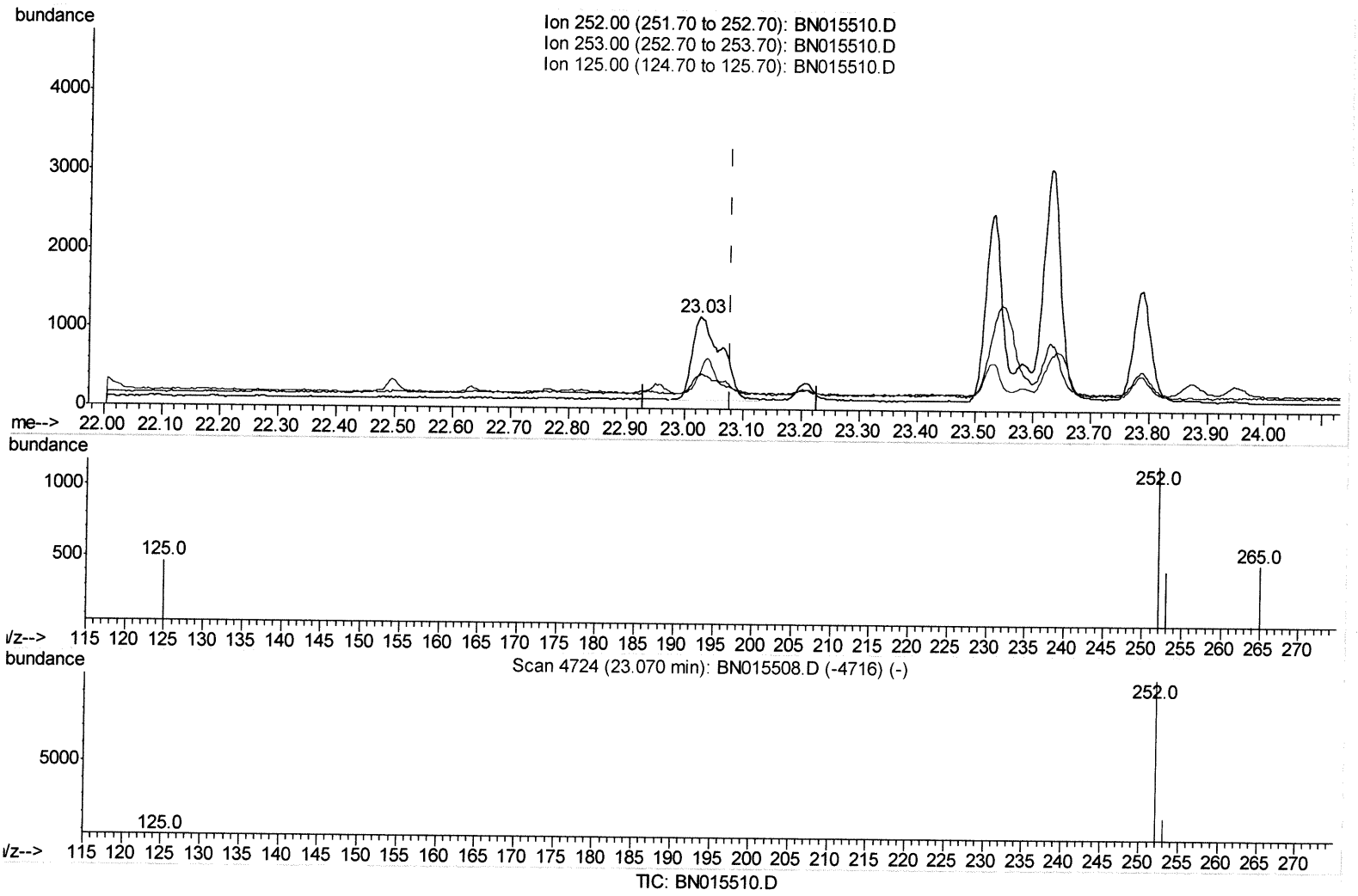

(25) Benzo(k)fluoranthene

23.026min (-0.053) 0.08ng/ul

response 3625

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	37.36#
125.00	14.40	39.93#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015510.D
Acq On : 13 Jul 2021 04:02
Operator : CG/JU
Sample : M2854-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 13 06:24:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 06:18:23 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDT7

Manual Integrations APPROVED
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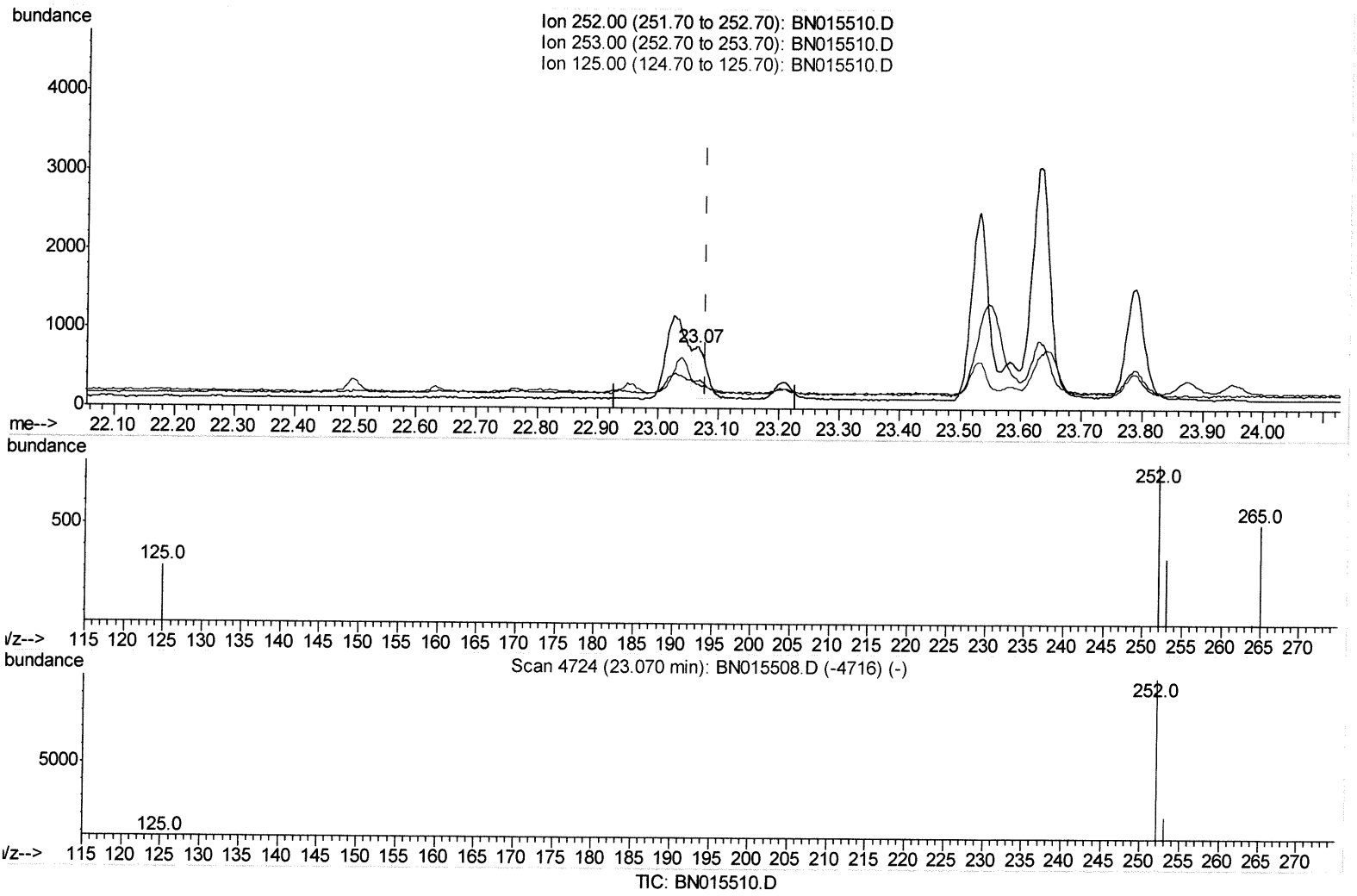

(25) Benzo(k)fluoranthene

23.067min (-0.012) 0.02ng/ul m

response 1030

JU 7/14/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	44.99#
125.00	14.40	39.72#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015510.D
Acq On : 13 Jul 2021 04:02
Operator : CG/JU
Sample : M2854-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDT7

Manual Integrations APPROVED
mohammad
7/13/2021 1:45:08 PM

Quant Time: Jul 13 06:25:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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QLast Update : Tue Jul 13 06:18:23 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3401	0.40	ng/ul	0.00
4) Naphthalene-d8	10.59	136	11518	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.44	164	5965	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	11579	0.40	ng/ul	0.00
17) Chrysene-d12	21.38	240	8793	0.40	ng/ul	0.00
23) Perylene-d12	23.74	264	8351	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7745	2.02	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	3045	0.17	ng/ul	0.00
18) Fluoranthene-d10	19.22	212	5830	0.20	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.23	178	2035	0.048	ng/ul#	92
16) Anthracene	17.32	178	847	0.023	ng/ul#	83
19) Fluoranthene	19.25	202	4571	0.112	ng/ul#	94
20) Pyrene	19.62	202	9030	0.222	ng/ul	96
21) Benzo(a)anthracene	21.37	228	2357	0.072	ng/ul#	88
22) Chrysene	21.42	228	2334m	0.060	ng/ul	
24) Benzo(b)fluoranthene	23.03	252	2627m	0.067	ng/ul	
25) Benzo(k)fluoranthene	23.07	252	1030m	0.023	ng/ul	
26) Benzo(a)pyrene	23.63	252	6091	0.186	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.16	276	2395	0.061	ng/ul#	95
29) Benzo(g,h,i)perylene	26.90	276	1362	0.037	ng/ul#	78

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