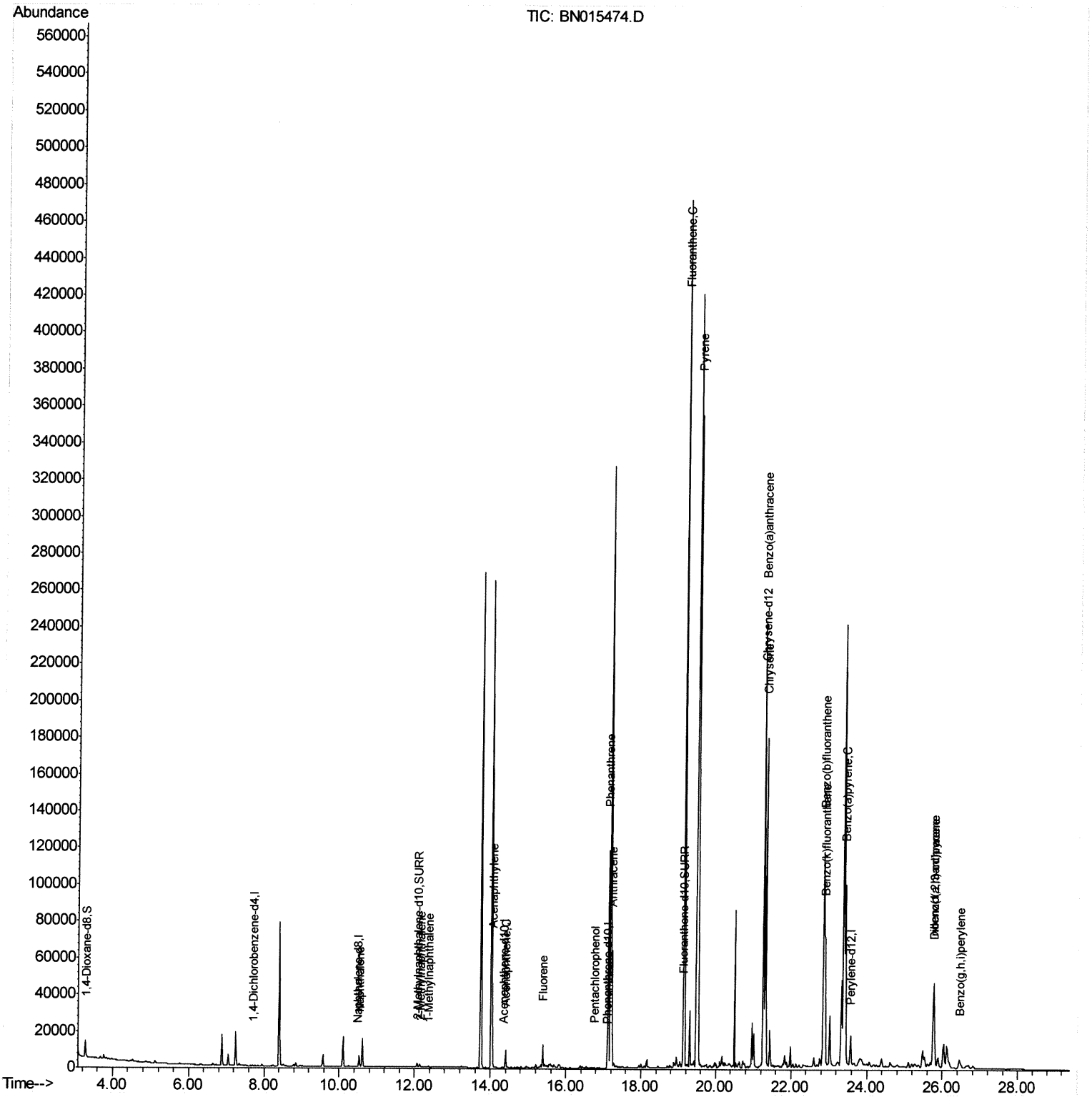
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015474.D
Acq On : 10 Jul 2021 08:38
Operator : CG/JU
Sample : M2808-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 11 06:31:18 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDW5

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:10 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015474.D
Acq On : 10 Jul 2021 08:38
Operator : CG/JU
Sample : M2808-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 11 06:27:01 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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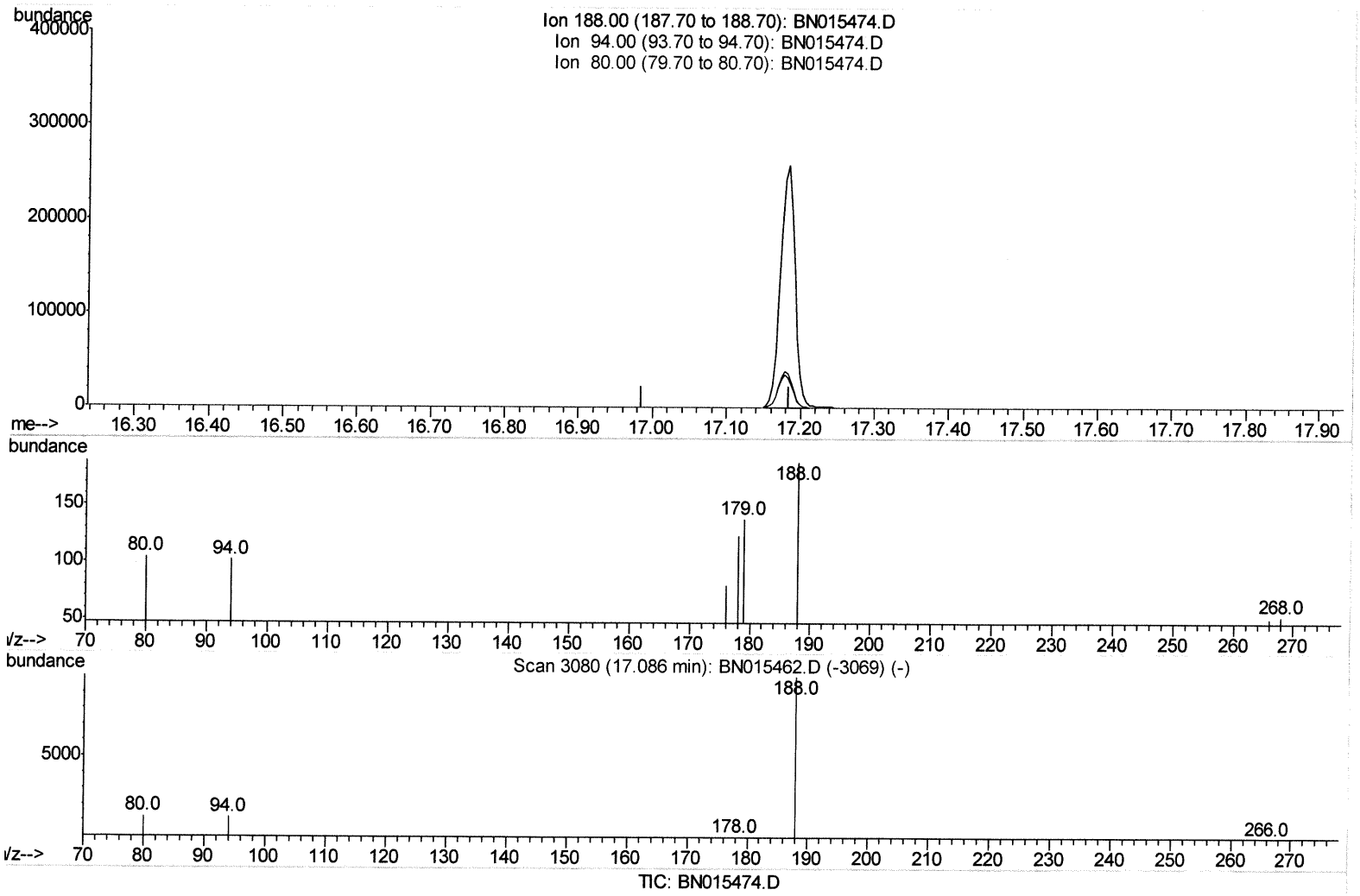

(13) Phenanthrene-d10 (I)

17.086min (-17.086) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	14.10	0.00#
80.00	14.40	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015474.D
Acq On : 10 Jul 2021 08:38
Operator : CG/JU
Sample : M2808-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 11 06:27:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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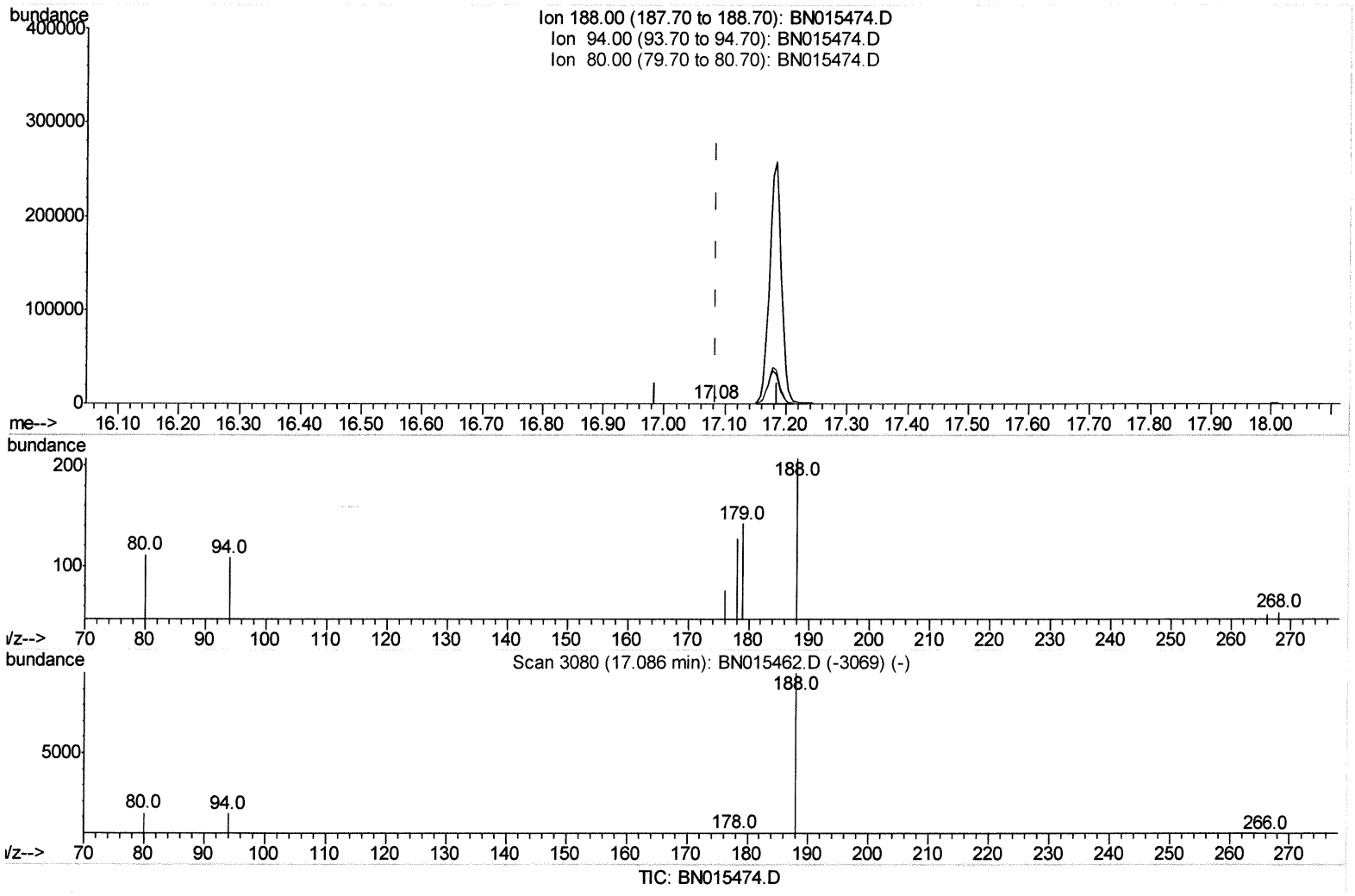
Manual Integrations APPROVED
mohammad
7/12/2021 9:34:10 AM



(13) Phenanthrene-d10 (I)

17.081min (-0.004) 0.40ng/ul m JU 7/16/21

response 213

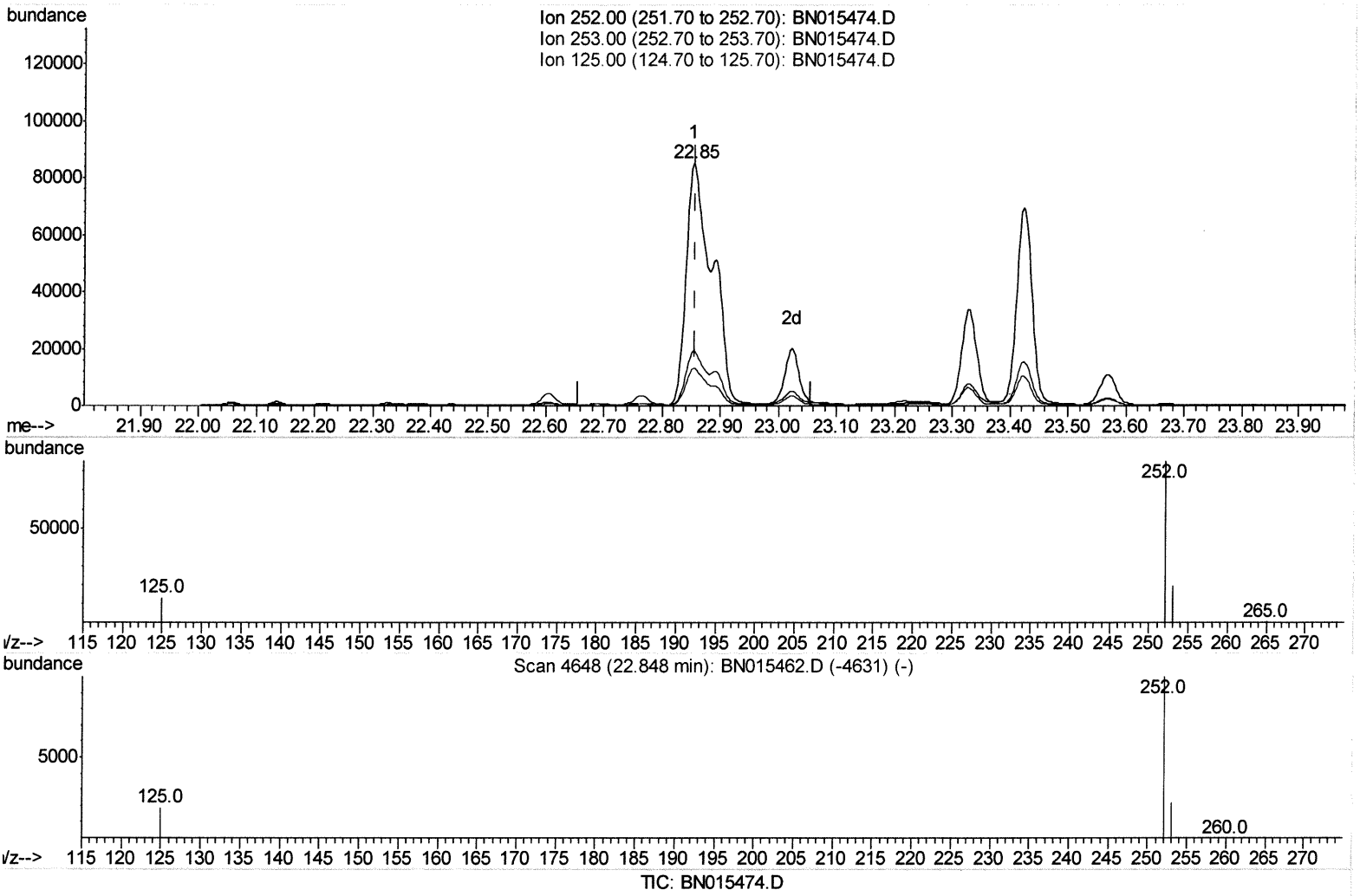
Ion	Exp%	Act%
188.00	100	100
94.00	14.10	52.17#
80.00	14.40	53.62#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015474.D
Acq On : 10 Jul 2021 08:38
Operator : CG/JU
Sample : M2808-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 11 06:28:09 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDW5

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:10 AM



TIC: BN015474.D

(24) Benzo(b)fluoranthene

22.853min (-0.003) 1626.38ng/ul JU 7/16/21

response 265928

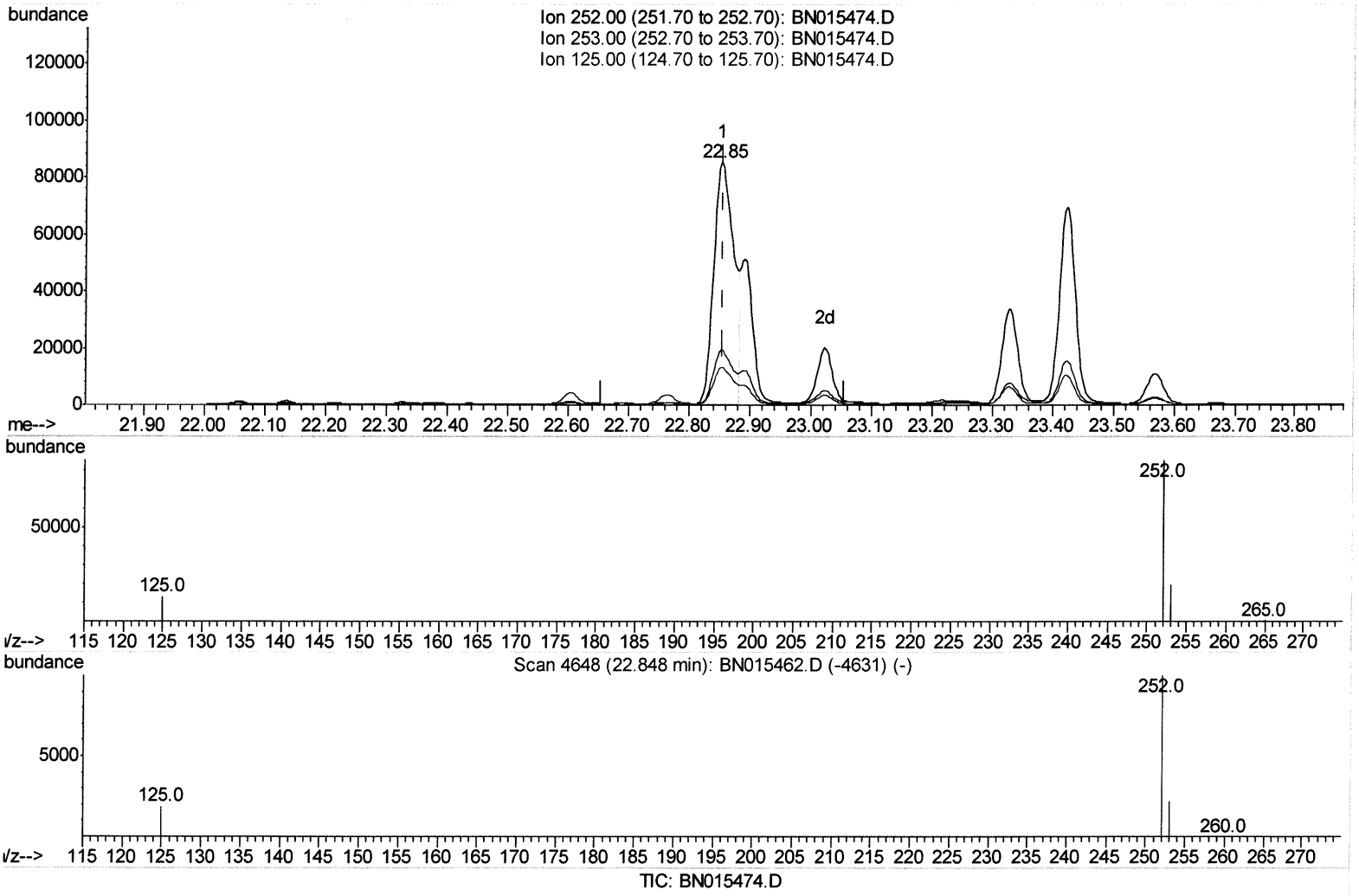
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.74
125.00	14.20	15.51
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015474.D
Acq On : 10 Jul 2021 08:38
Operator : CG/JU
Sample : M2808-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 11 06:28:09 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDW5

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:10 AM



TIC: BN015474.D

(24) Benzo(b)fluoranthene

22.853min (-0.003) 1189.50ng/ul m

response 194495

JG 7/14/21

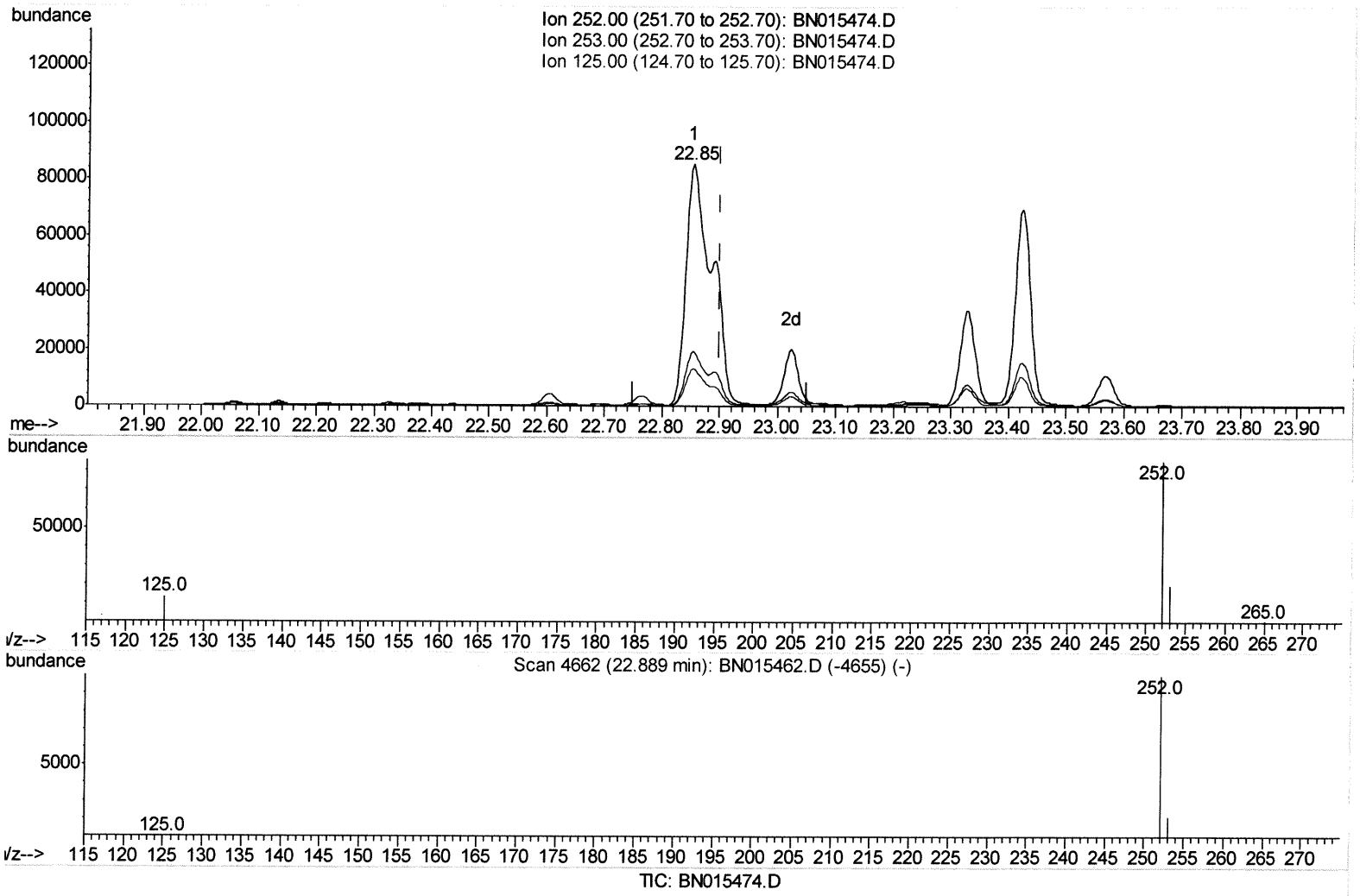
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.74
125.00	14.20	15.51
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015474.D
Acq On : 10 Jul 2021 08:38
Operator : CG/JU
Sample : M2808-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 11 06:30:39 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDW5

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:10 AM



(25) Benzo(k)fluoranthene

22.853min (-0.047) 1440.93ng/ul

response 265928

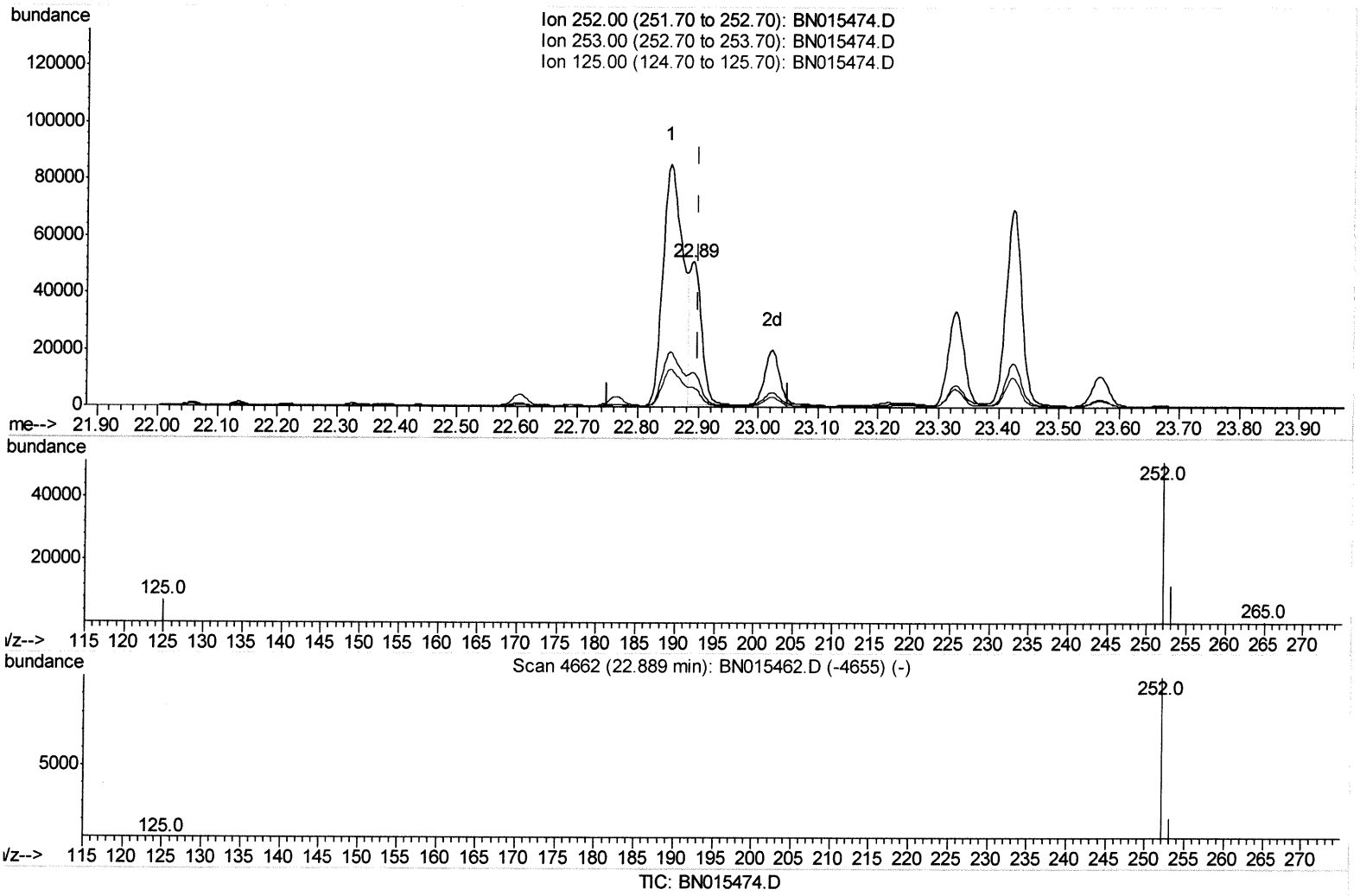
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.74
125.00	14.40	15.51
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015474.D
Acq On : 10 Jul 2021 08:38
Operator : CG/JU
Sample : M2808-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jul 11 06:30:39 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 : Thu Jul 08 11:17:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDW5

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:10 AM



(25) Benzo(k)fluoranthene

22.891min (-0.009) 374.15ng/ul m JGJ 7/14/21

response 69050

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.60
125.00	14.40	13.97
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\
Data File : BN015474.D
Acq On : 10 Jul 2021 08:38
Operator : CG/JU
Sample : M2808-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDW5

Manual Integrations APPROVED
mohammad
7/12/2021 9:34:10 AM

Quant Time: Jul 11 06:31:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	50	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.34	164	219	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.08	188	213m>	0.40	ng/ul>	0.00
17) Chrysene-d12	21.28	240	161	0.40	ng/ul	0.00
23) Perylene-d12	23.55	264	35	0.40	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	6537	1933.20	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.07	152	3034	38.67	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	6756	12.77	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.53	128	7878	49.387	ng/ul	98
7) 2-Methylnaphthalene	12.15	142	1192	11.421	ng/ul	98
8) 1-Methylnaphthalene	12.37	142	590	5.844	ng/ul	98
10) Acenaphthylene	14.05	152	11993	10.592	ng/ul	99
11) Acenaphthene	14.40	153	5491	6.328	ng/ul	98
12) Fluorene	15.39	166	7974	8.317	ng/ul	99
14) Pentachlorophenol	16.74	266	45	0.955	ng/ul	96
15) Phenanthrene	17.12	178	122821	158.874	ng/ul	100
16) Anthracene	17.22	178	65253	95.737	ng/ul	99
19) Fluoranthene	19.15	202	386122	519.010	ng/ul	99
20) Pyrene	19.51	202	282310	378.359	ng/ul	100
21) Benzo(a)anthracene	21.27	228	200101	335.514	ng/ul	97
22) Chrysene	21.32	228	168225	235.617	ng/ul	99
24) Benzo(b)fluoranthene	22.85	252	194495m	1189.503	ng/ul	
25) Benzo(k)fluoranthene	22.89	252	69050m	374.148	ng/ul	
26) Benzo(a)pyrene	23.42	252	128223	933.664	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.77	276	70730	426.423	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.77	278	19368	148.926	ng/ul	97
29) Benzo(g,h,i)perylene	26.45	276	10138	65.964	ng/ul	95

JU 7/16/21

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