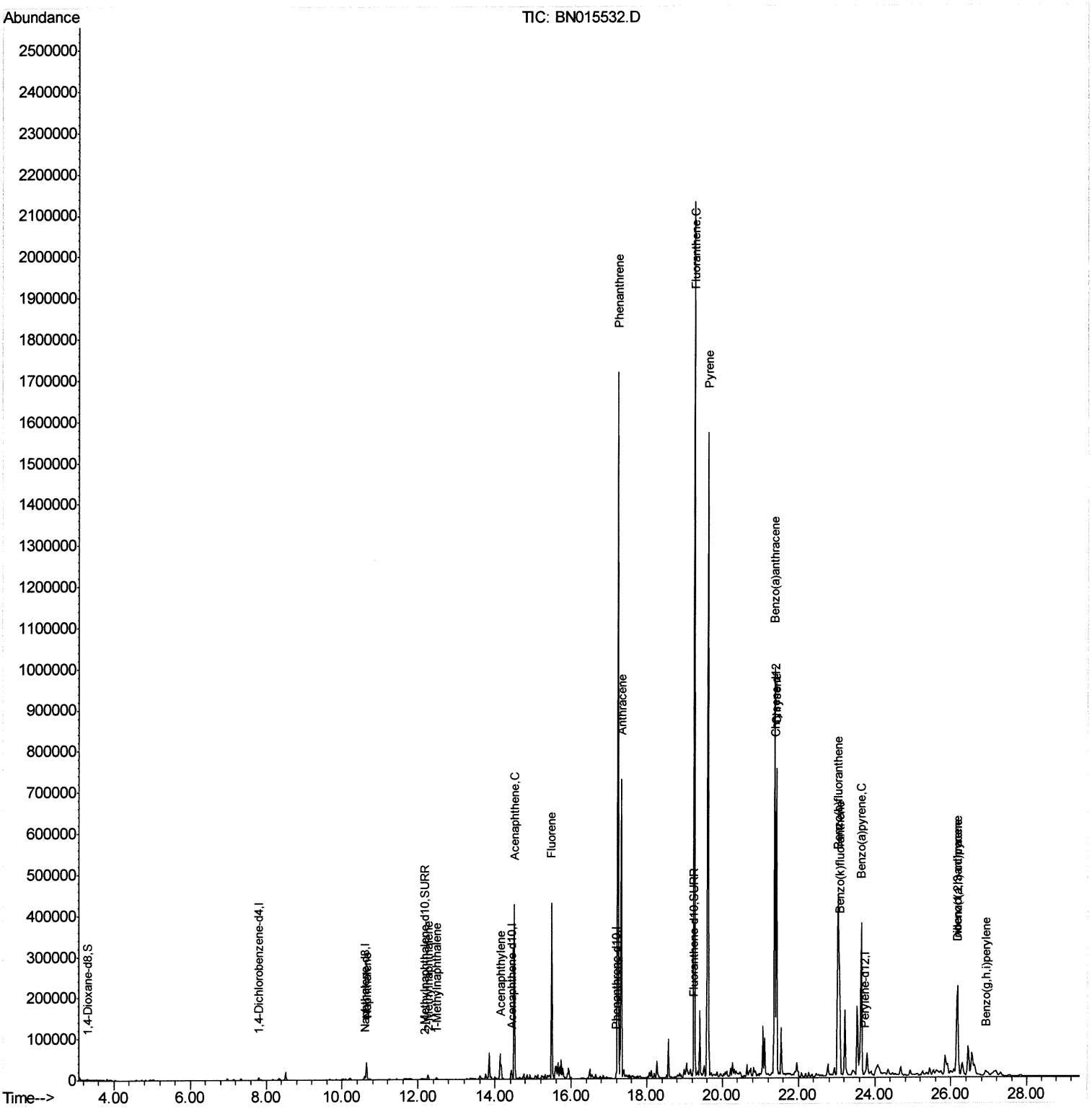
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015532.D
Acq On : 13 Jul 2021 17:16
Operator : CG/JU
Sample : M2869-07DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 13 17:53:01 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 : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDX5DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:14:29 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
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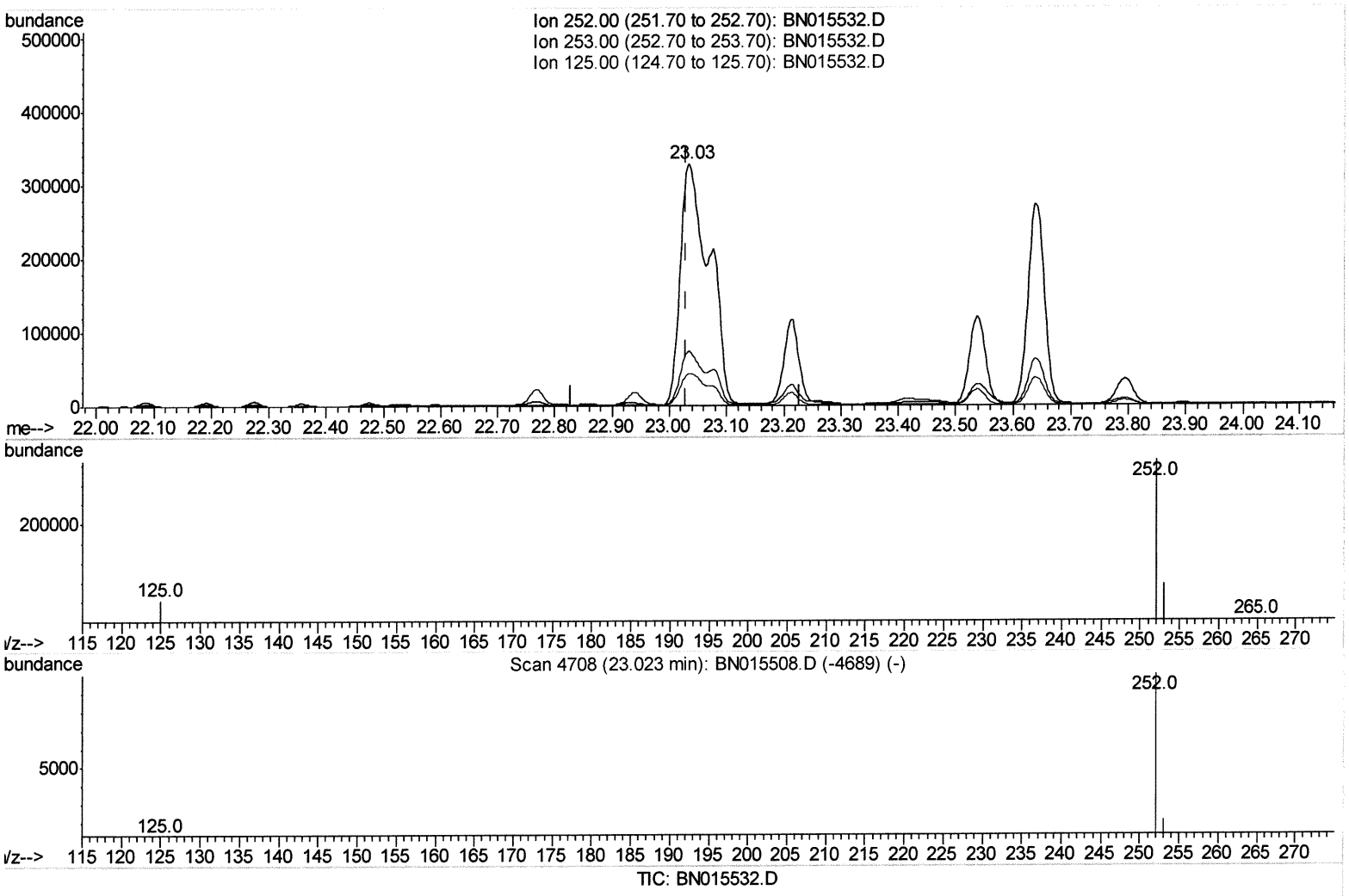

(24) Benzo(b)fluoranthene

23.035min (+0.006) 23.41ng/ul

response 1152373

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.73
125.00	14.20	13.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
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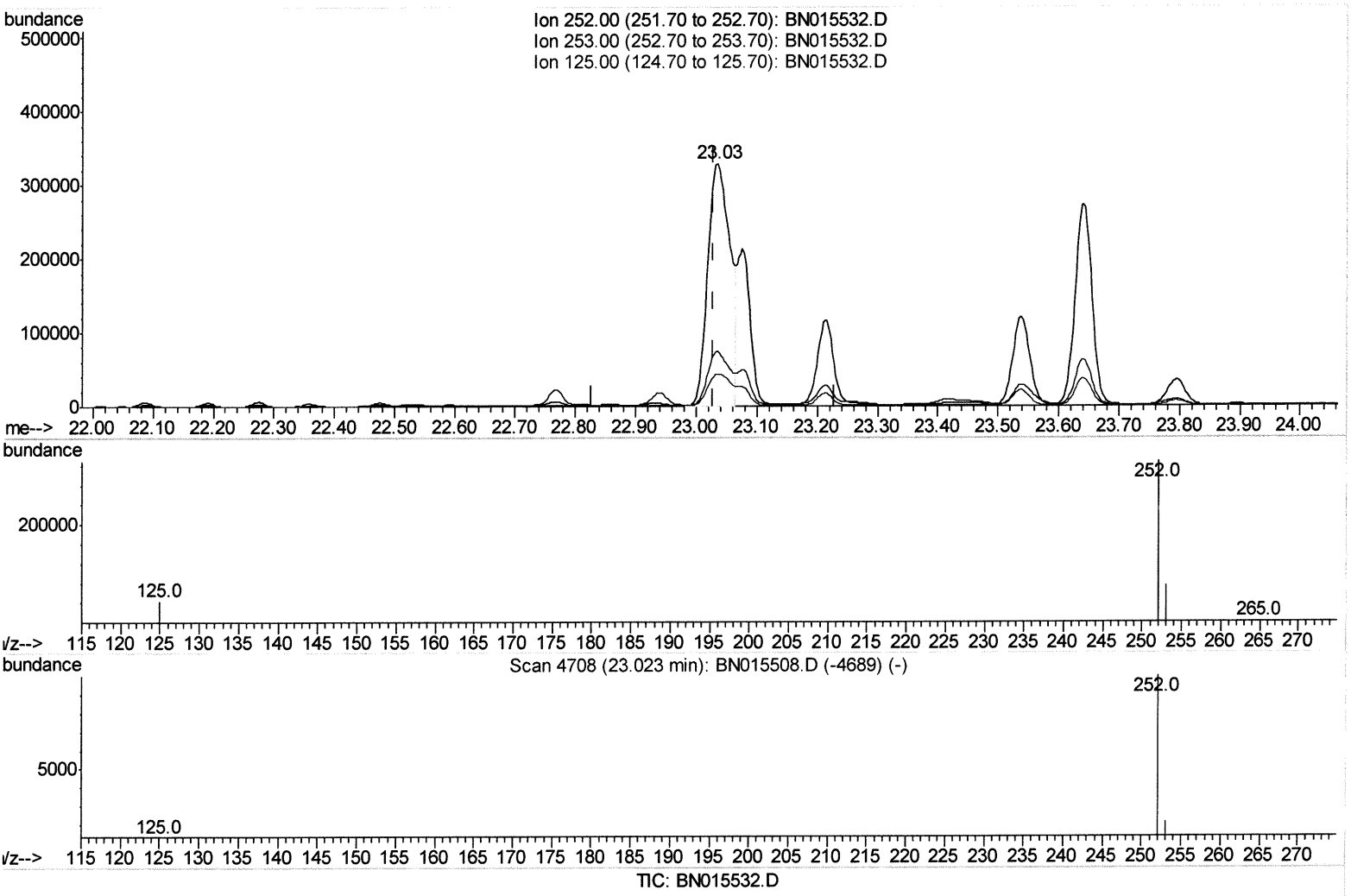
Manual Integrations APPROVED
mohammad
7/14/2021 12:14:29 PM



TIC: BN015532.D

(24) Benzo(b)fluoranthene

23.035min (+0.006) 16.98ng/ul m

response 835950

7/15/21

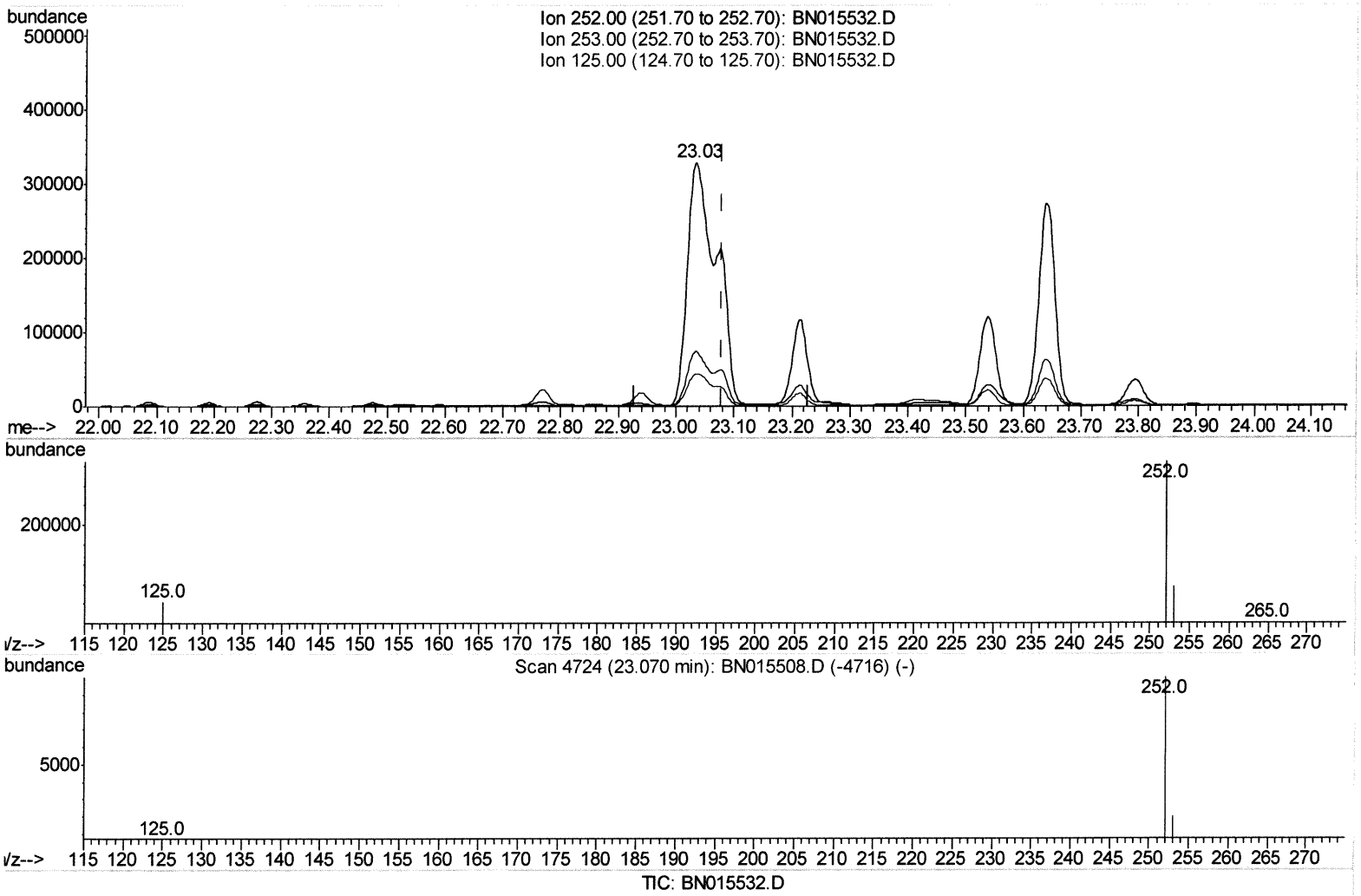
Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.73
125.00	14.20	13.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015532.D
Acq On : 13 Jul 2021 17:16
Operator : CG/JU
Sample : M2869-07DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 13 17:49:20 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 : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDX5DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:14:29 PM



TIC: BN015532.D

(25) Benzo(k)fluoranthene

23.035min (-0.044) 20.74ng/ul

response 1152373

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.73
125.00	14.40	13.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015532.D
Acq On : 13 Jul 2021 17:16
Operator : CG/JU
Sample : M2869-07DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 13 17:49:20 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 : Mon Jul 12 11:02:52 2021
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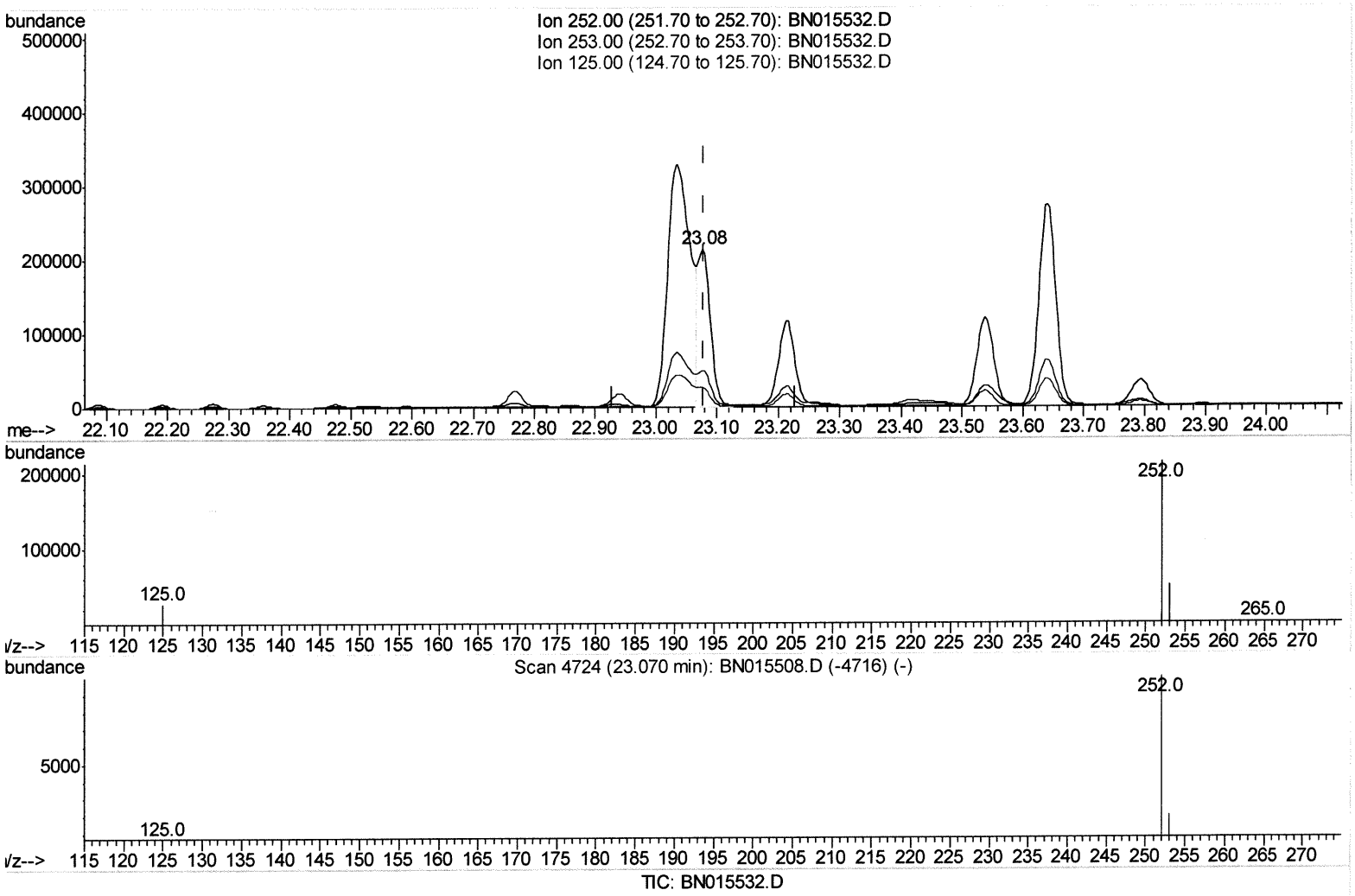
Instrument :
BNA_N
ClientSampleId :
BGDX5DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:14:29 PM



TIC: BN015532.D

(25) Benzo(k)fluoranthene

23.076min (-0.003) 5.82ng/ul m JU 7/15/21

response 323367

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.40
125.00	14.40	12.49
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015532.D
Acq On : 13 Jul 2021 17:16
Operator : CG/JU
Sample : M2869-07DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
7/14/2021 12:14:29 PM

Quant Time: Jul 13 17:53:01 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3063	0.40	ng/ul	0.00
4) Naphthalene-d8	10.59	136	10590	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.44	164	6362	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.19	188	11357	0.40	ng/ul	0.00
17) Chrysene-d12	21.39	240	8877	0.40	ng/ul	0.00
23) Perylene-d12	23.74	264	10536	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	1878	0.54	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.19	152	762	0.05	ng/ul	0.00
18) Fluoranthene-d10	19.22	212	1929	0.07	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.64	128	54219	1.605	ng/ul	99
7) 2-Methylnaphthalene	12.26	142	7473	0.338	ng/ul	99
8) 1-Methylnaphthalene	12.48	142	2948	0.138	ng/ul	99
10) Acenaphthylene	14.16	152	51353	1.561	ng/ul	98
11) Acenaphthene	14.51	153	245225	9.729	ng/ul	98
12) Fluorene	15.49	166	268874	9.654	ng/ul	99
15) Phenanthrene	17.24	178	1910093	46.340	ng/ul	99
16) Anthracene	17.33	178	772091	21.245	ng/ul	99
19) Fluoranthene	19.26	202	1812518	44.187	ng/ul	99
20) Pyrene	19.62	202	1374982	33.422	ng/ul	100
21) Benzo(a)anthracene	21.37	228	862406	26.226	ng/ul	95
22) Chrysene	21.42	228	688774	17.497	ng/ul	99
24) Benzo(b)fluoranthene	23.03	252	835950m	16.984	ng/ul	
25) Benzo(k)fluoranthene	23.08	252	323367m	5.821	ng/ul	
26) Benzo(a)pyrene	23.64	252	533268	12.899	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.17	276	338589	6.781	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.17	278	101461	2.592	ng/ul	96
29) Benzo(g,h,i)perylene	26.91	276	30441	0.658	ng/ul#	92

JU 7/15/21

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