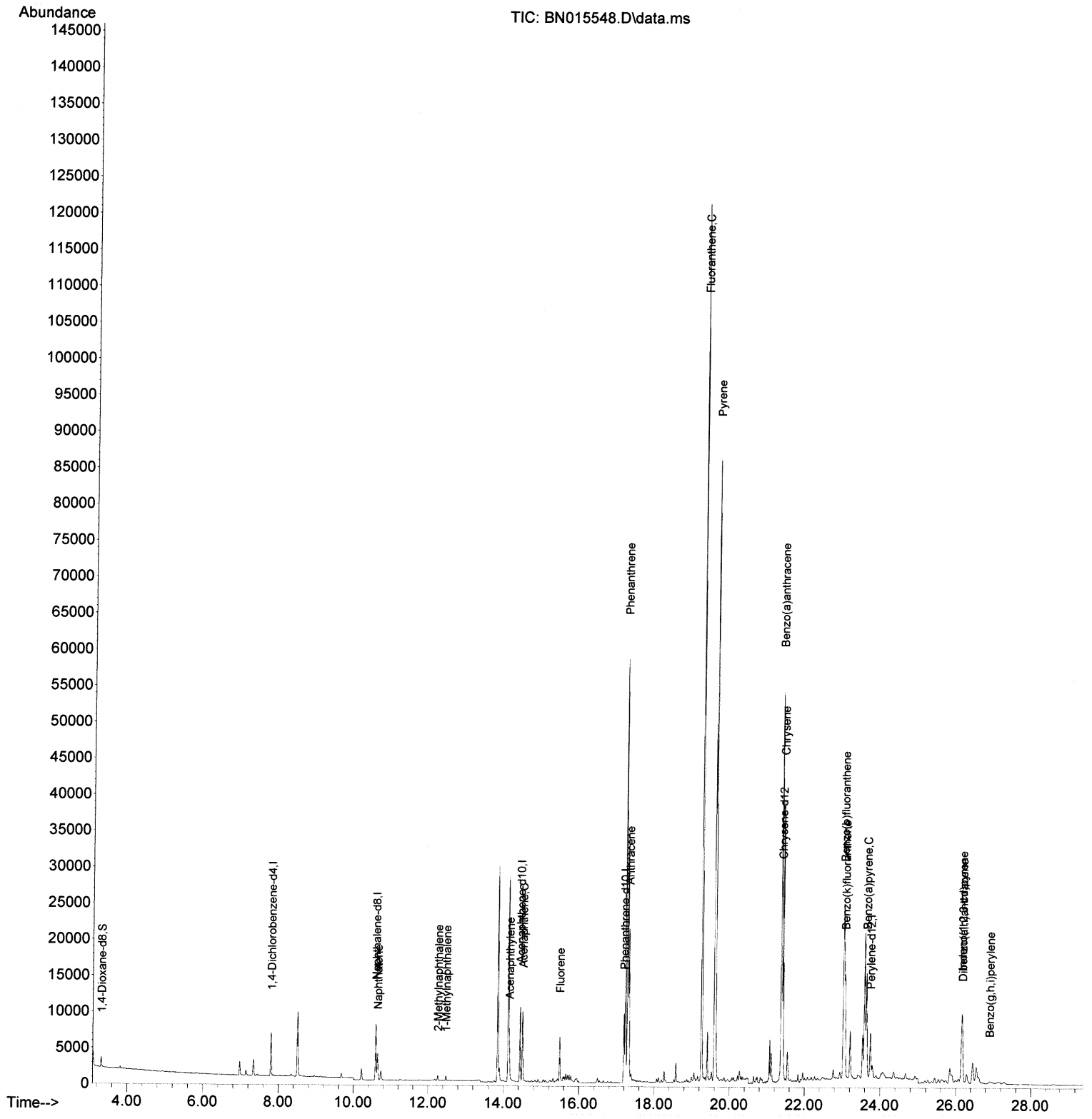
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015548.D
Acq On : 14 Jul 2021 03:31
Operator : CG/JU
Sample : M2869-02DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 14 05:40:29 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 : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDX0DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:11 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015548.D
Acq On : 14 Jul 2021 03:31
Operator : CG/JU
Sample : M2869-02DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 14 05:40:09 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 : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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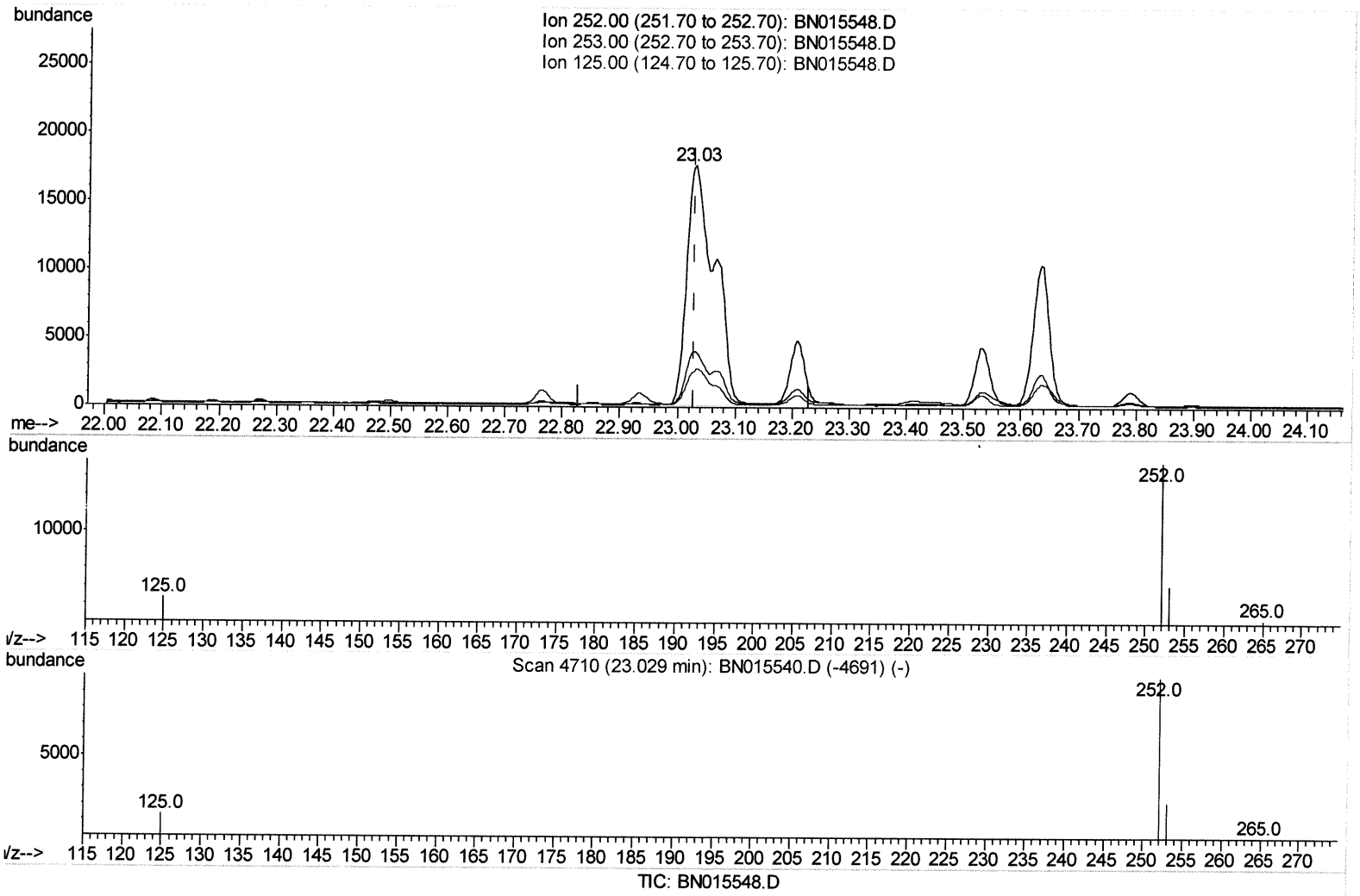
Manual Integrations APPROVED
mohammad
7/14/2021 12:15:11 PM



Scan 4710 (23.029 min): BN015540.D (-4691) (-)

TIC: BN015548.D

(24) Benzo(b)fluoranthene

23.029min (-0.000) 1.49ng/ul

response 59041

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.30
125.00	14.20	15.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015548.D
Acq On : 14 Jul 2021 03:31
Operator : CG/JU
Sample : M2869-02DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 14 05:40:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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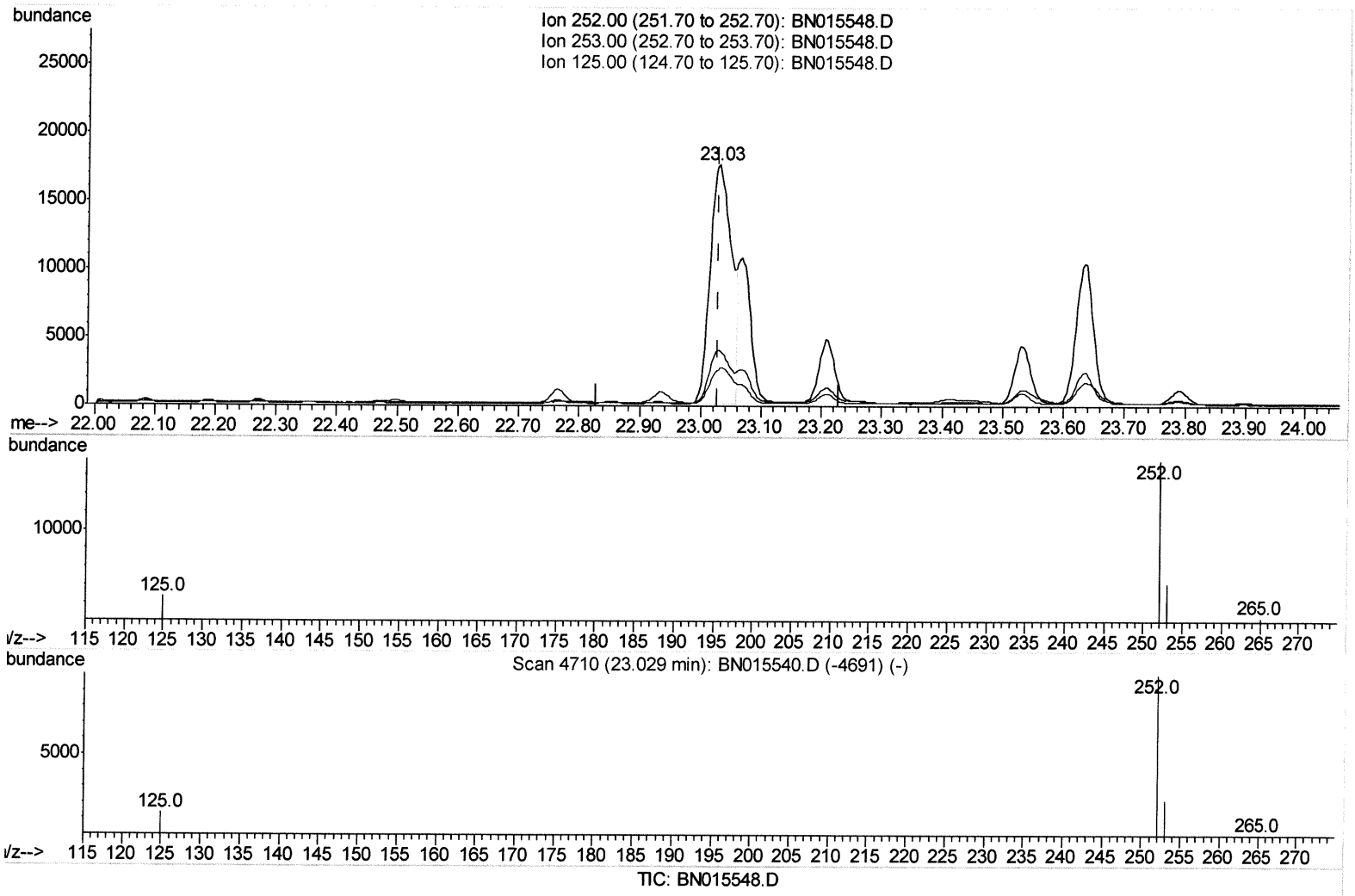
Instrument :
BNA_N
ClientSampleId :
BGDX0DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:11 PM



(24) Benzo(b)fluoranthene

23.029min (-0.000) 1.08ng/ul m

response 42874

7/15/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.30
125.00	14.20	15.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015548.D
Acq On : 14 Jul 2021 03:31
Operator : CG/JU
Sample : M2869-02DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 14 05:40:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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QLast Update : Wed Jul 14 05:24:11 2021
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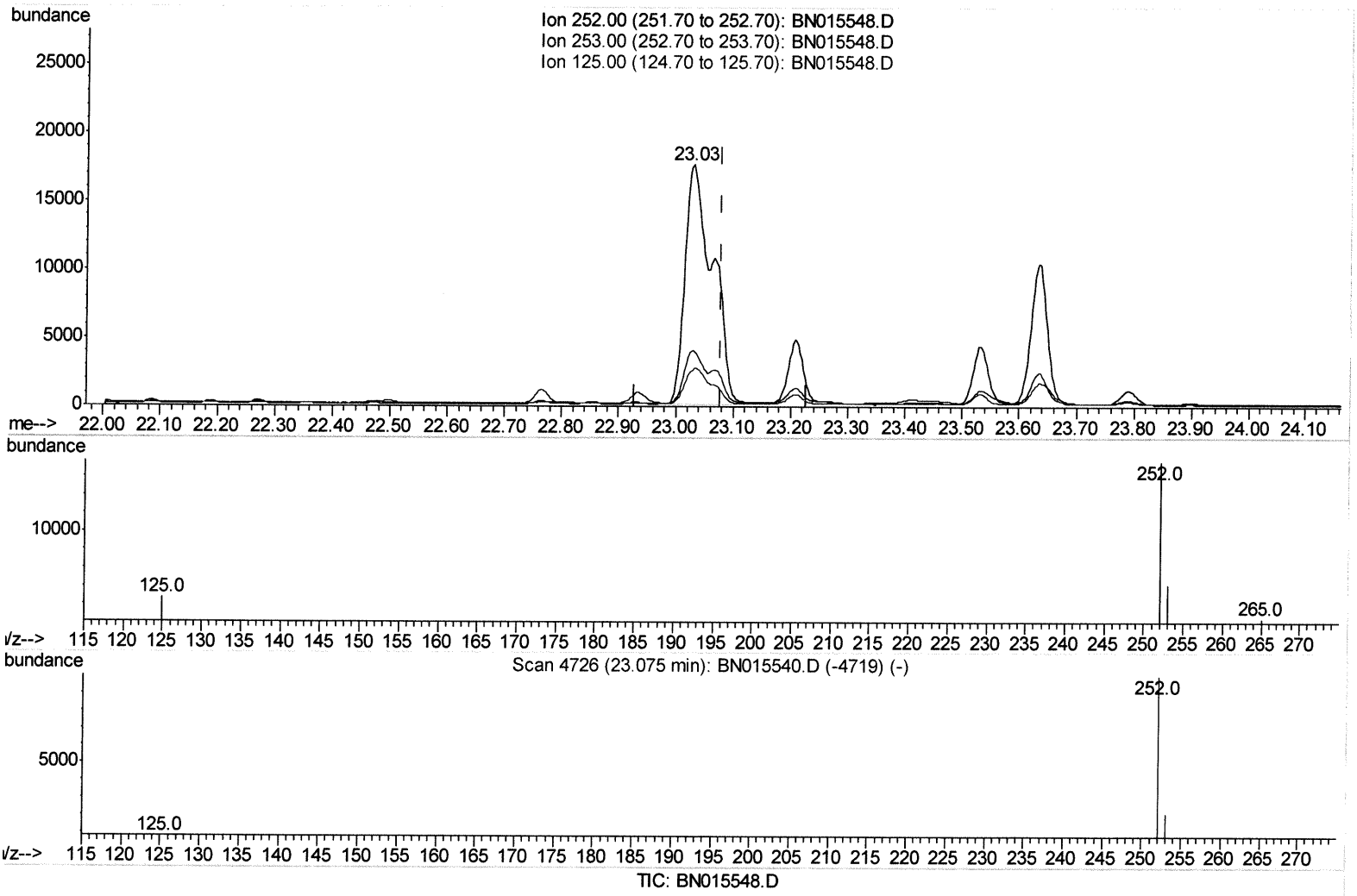
Instrument :
BNA_N
ClientSampleId :
BGDX0DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:11 PM



TIC: BN015548.D

(25) Benzo(k)fluoranthene

23.029min (-0.050) 1.32ng/ul

response 59041

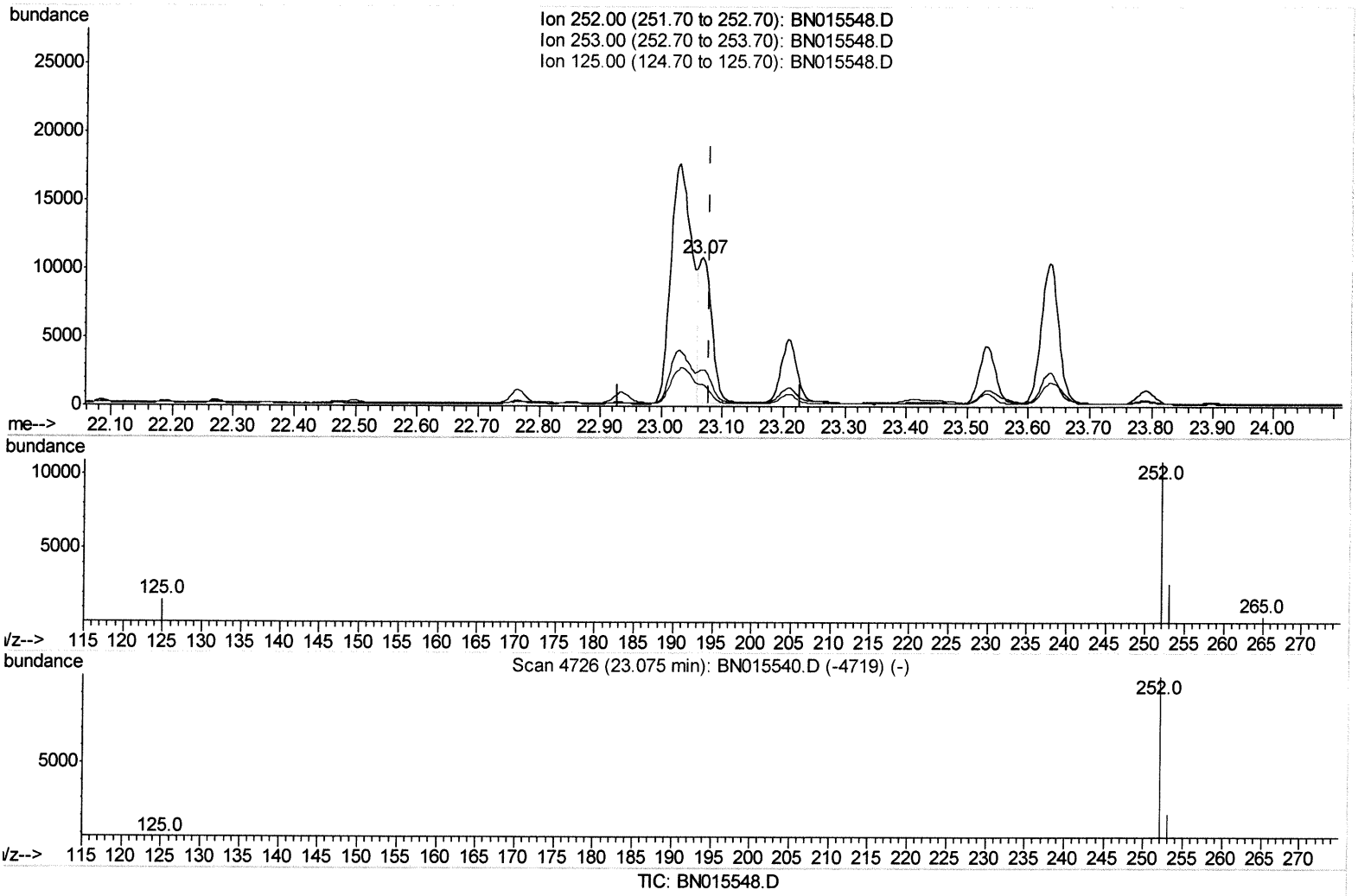
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.30
125.00	14.40	15.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071221\
Data File : BN015548.D
Acq On : 14 Jul 2021 03:31
Operator : CG/JU
Sample : M2869-02DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 14 05:40:09 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 : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDX0DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:11 PM



TIC: BN015548.D

(25) Benzo(k)fluoranthene

23.067min (-0.012) 0.35ng/ul m JG 7/15/21

response 15599

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.79
125.00	14.40	14.52
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015548.D
Acq On : 14 Jul 2021 03:31
Operator : CG/JU
Sample : M2869-02DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 14 05:40:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
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QLast Update : Wed Jul 14 05:24:11 2021
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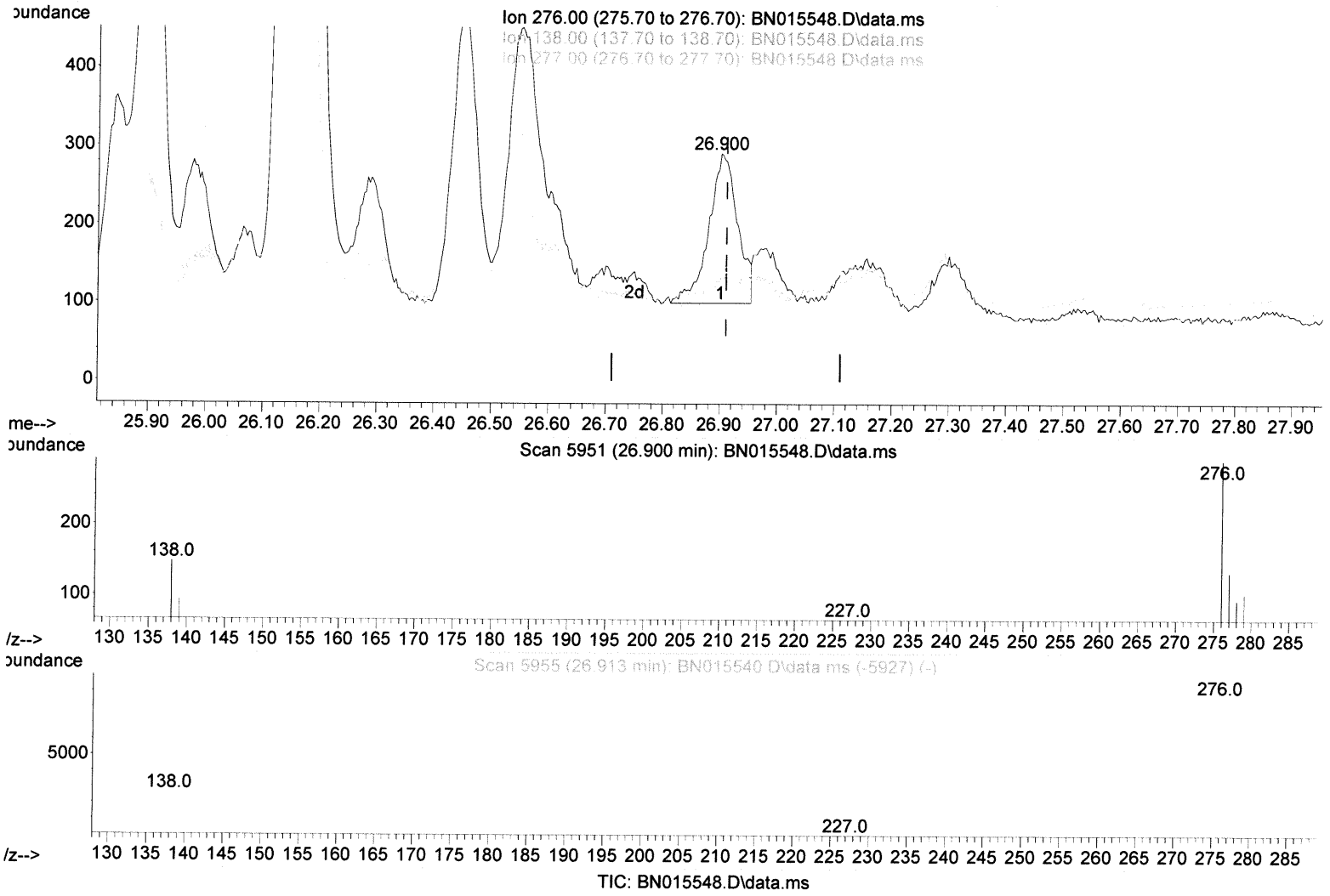
Instrument :
BNA_N
ClientSampleId :
BGDX0DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:11 PM



(29) Benzo(g,h,i)perylene

26.900min (-0.010) 0.02 ng/ul

response 674

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.70	50.52#
277.00	24.10	45.70#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015548.D
Acq On : 14 Jul 2021 03:31
Operator : CG/JU
Sample : M2869-02DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 14 05:40:29 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 : Wed Jul 14 05:24:11 2021
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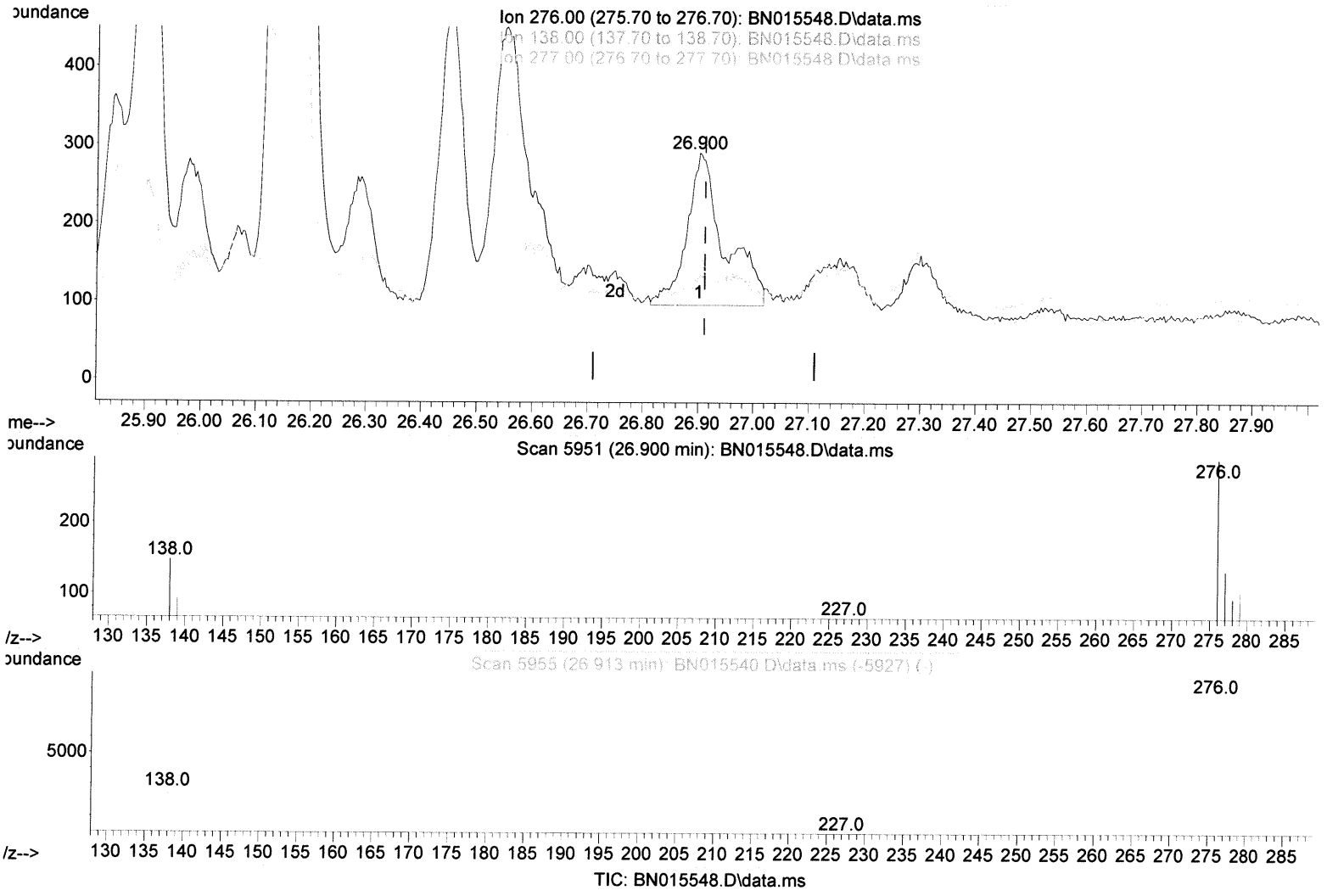
Instrument :
BNA_N
ClientSampleId :
BGDX0DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:11 PM



(29) Benzo(g,h,i)perylene

26.900min (-0.010) 0.02 ng/ul m

response 925

JG 7/15/21

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.70	50.52#
277.00	24.10	45.70#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015548.D
Acq On : 14 Jul 2021 03:31
Operator : CG/JU
Sample : M2869-02DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDX0DL

Manual Integrations APPROVED
mohammad
7/14/2021 12:15:11 PM

Quant Time: Jul 14 05:40:29 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 : Wed Jul 14 05:24:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	2982	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	10539	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	5593	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	10993	0.400	ng/ul	0.00
17) Chrysene-d12	21.383	240	9482	0.400	ng/ul	0.00
23) Perylene-d12	23.736	264	8467	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1047	0.312	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	285	0.017	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	574	0.018	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.644	128	5038	0.150	ng/ul	98
7) 2-Methylnaphthalene	12.261	142	529	0.024	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	436	0.020	ng/ul	98
10) Acenaphthylene	14.159	152	5077	0.176	ng/ul	97
11) Acenaphthene	14.506	153	5775	0.261	ng/ul	99
12) Fluorene	15.491	166	3978	0.162	ng/ul	96
15) Phenanthrene	17.233	178	63433	1.590	ng/ul	100
16) Anthracene	17.322	178	22948	0.652	ng/ul	99
19) Fluoranthene	19.252	202	99332	2.267	ng/ul	98
20) Pyrene	19.615	202	69053	1.571	ng/ul	99
21) Benzo(a)anthracene	21.369	228	44393	1.264	ng/ul	96
22) Chrysene	21.421	228	36438	0.867	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	42874m	1.084	ng/ul	JY 7/15/21
25) Benzo(k)fluoranthene	23.067	252	15599m	0.349	ng/ul	
26) Benzo(a)pyrene	23.634	252	20562	0.619	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.159	276	14280	0.356	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.172	278	4711	0.150	ng/ul#	88
29) Benzo(g,h,i)perylene	26.900	276	925m	0.025	ng/ul	JY 7/15/21

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