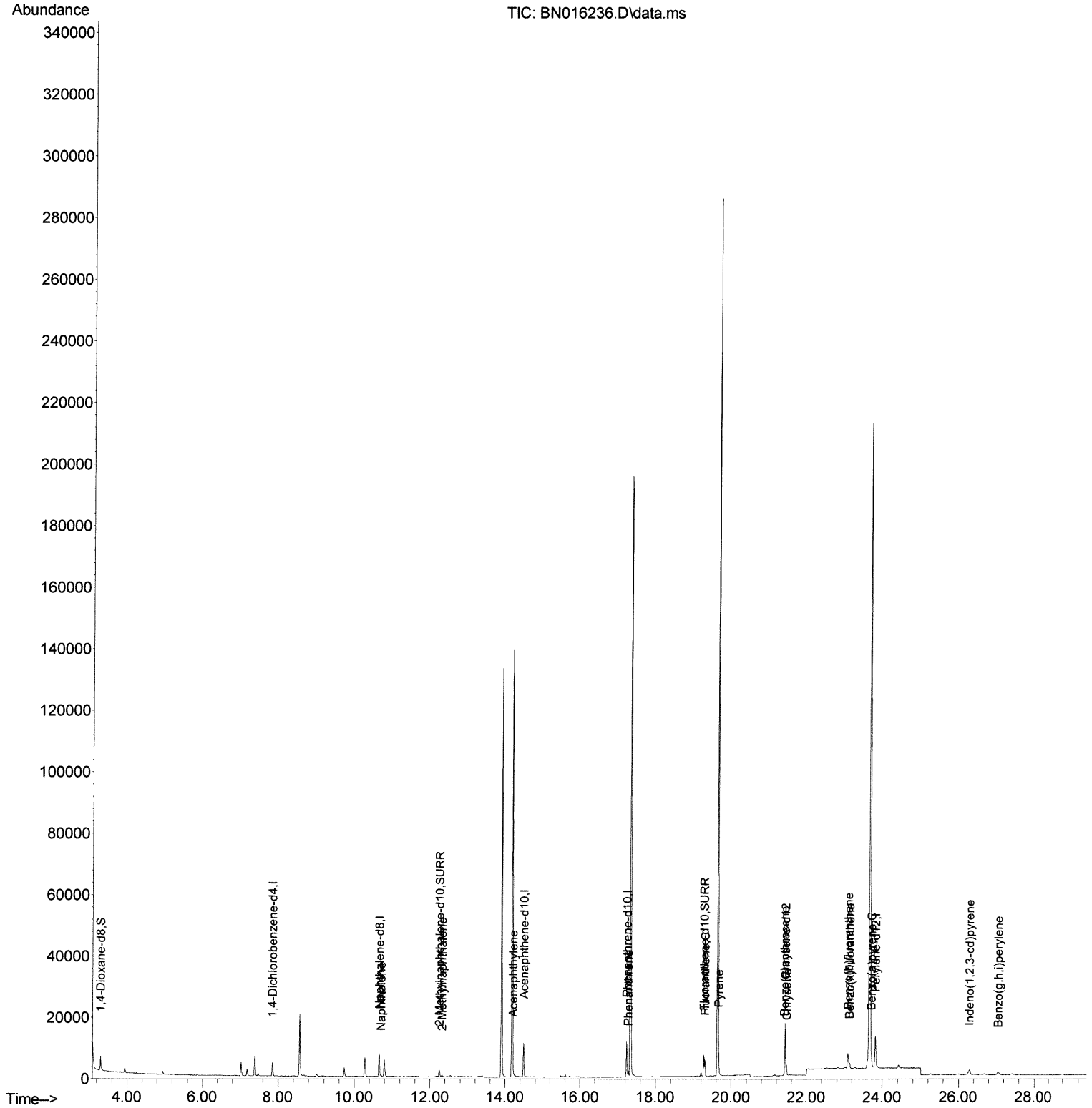
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016236.D
Acq On : 07 Sep 2021 15:07
Operator : CG/JU
Sample : M3486-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 07 15:35:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 07 12:55:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AR5

Manual Integrations APPROVED
mohammad
9/8/2021 7:00:30 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016236.D
Acq On : 07 Sep 2021 15:07
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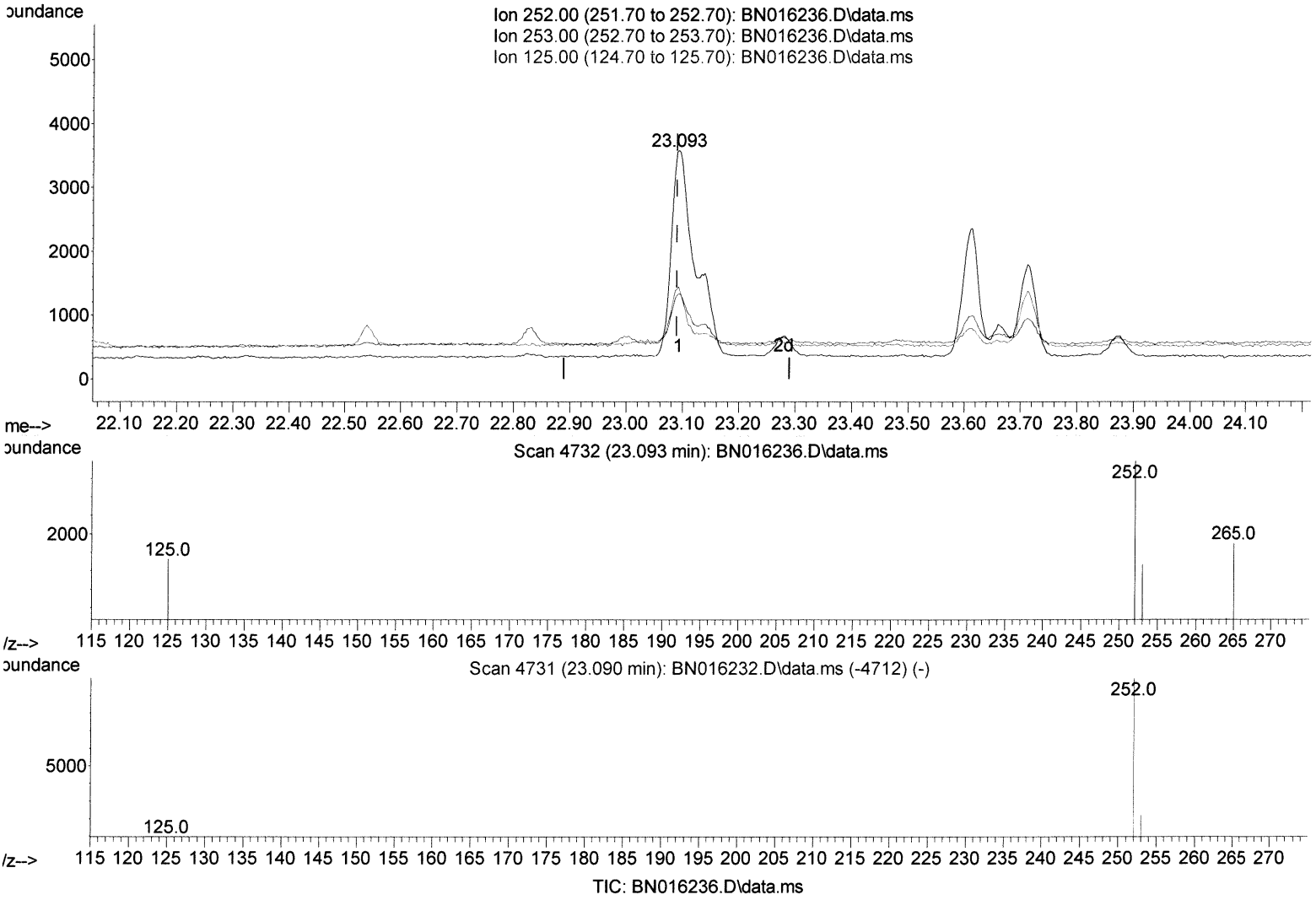
Manual Integrations APPROVED
mohammad
9/8/2021 7:00:30 AM



(24) Benzo(b)fluoranthene

23.093min (+ 0.002) 0.17 ng/ul

response 9534

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	37.35
125.00	13.50	40.34#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
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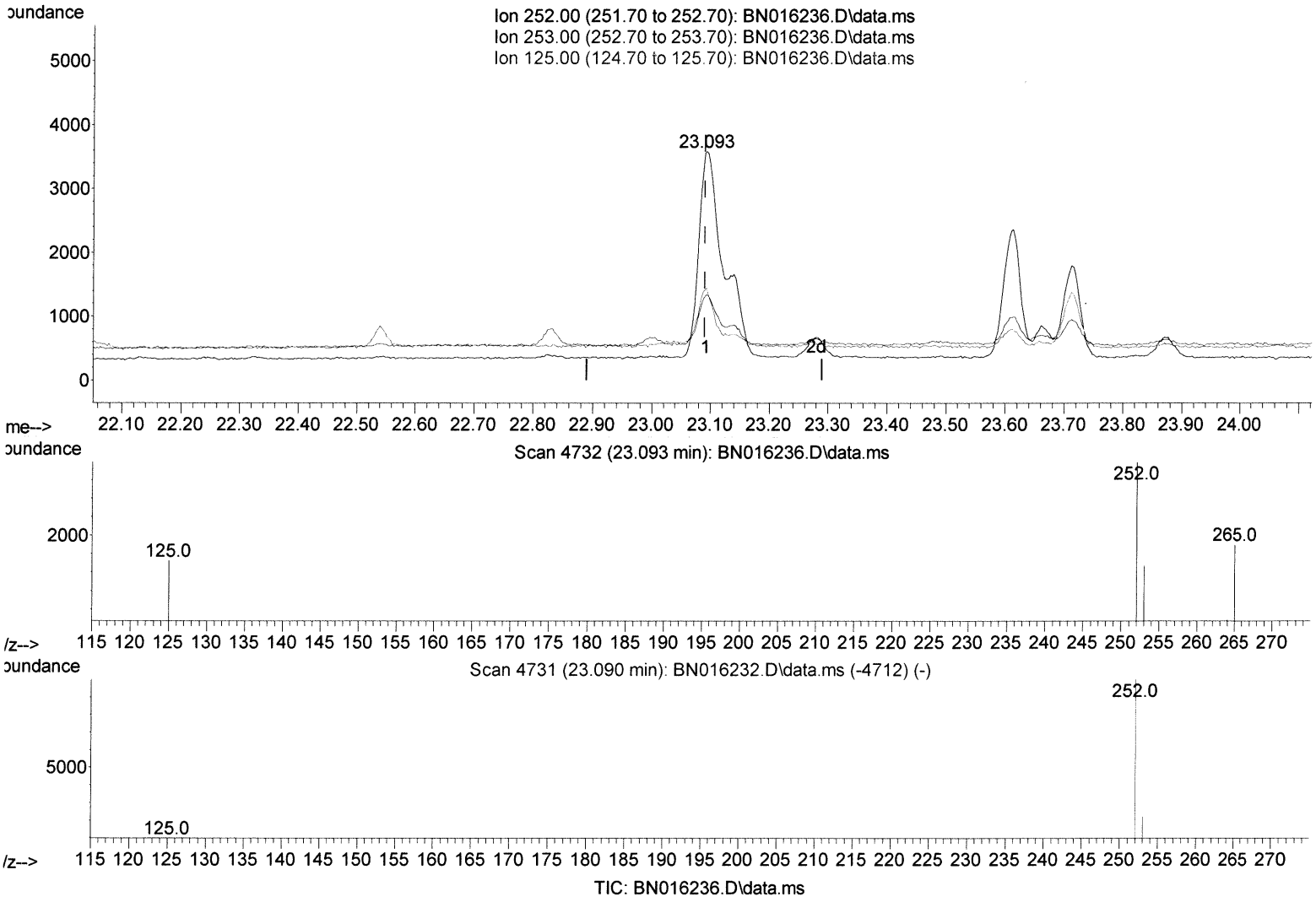
Manual Integrations APPROVED
mohammad
9/8/2021 7:00:30 AM



(24) Benzo(b)fluoranthene

23.093min (+ 0.002) 0.13 ng/ul m JH 9/8/21

response 7571

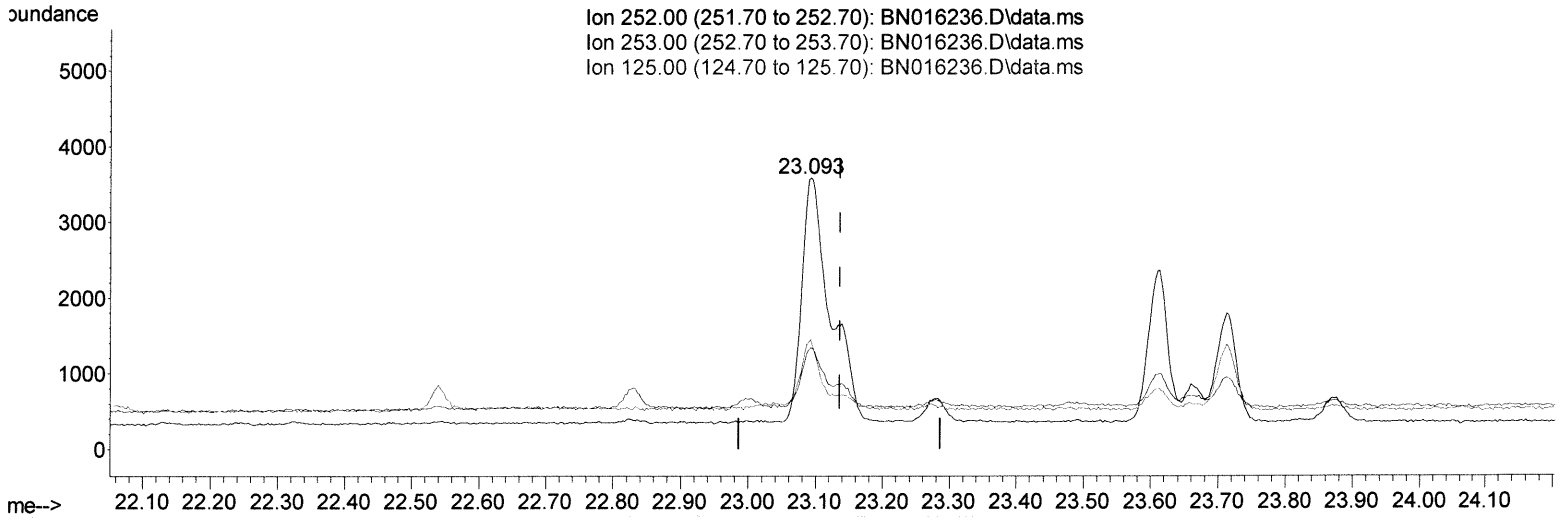
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	37.35
125.00	13.50	40.34#
0.00	0.00	0.00

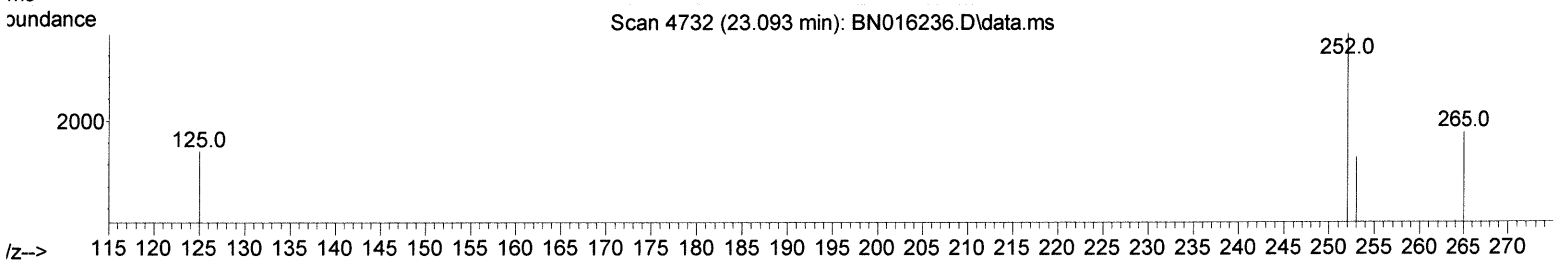
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016236.D
Acq On : 07 Sep 2021 15:07
Operator : CG/JU
Sample : M3486-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

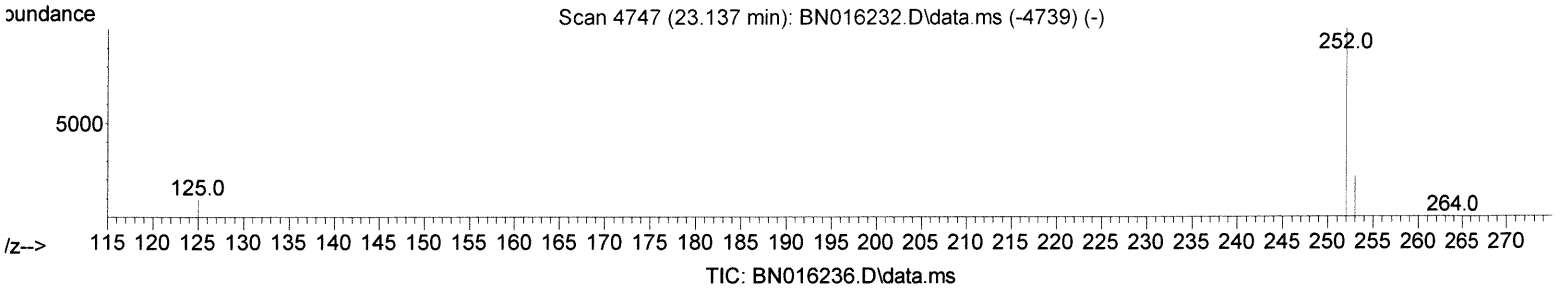
Quant Time: Sep 07 15:35:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 07 12:55:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AR5

Manual Integrations APPROVED
mohammad
9/8/2021 7:00:30 AM







TIC: BN016236.D\data.ms

(25) Benzo(k)fluoranthene

23.093min (-0.044) 0.17 ng/ul

response 9527

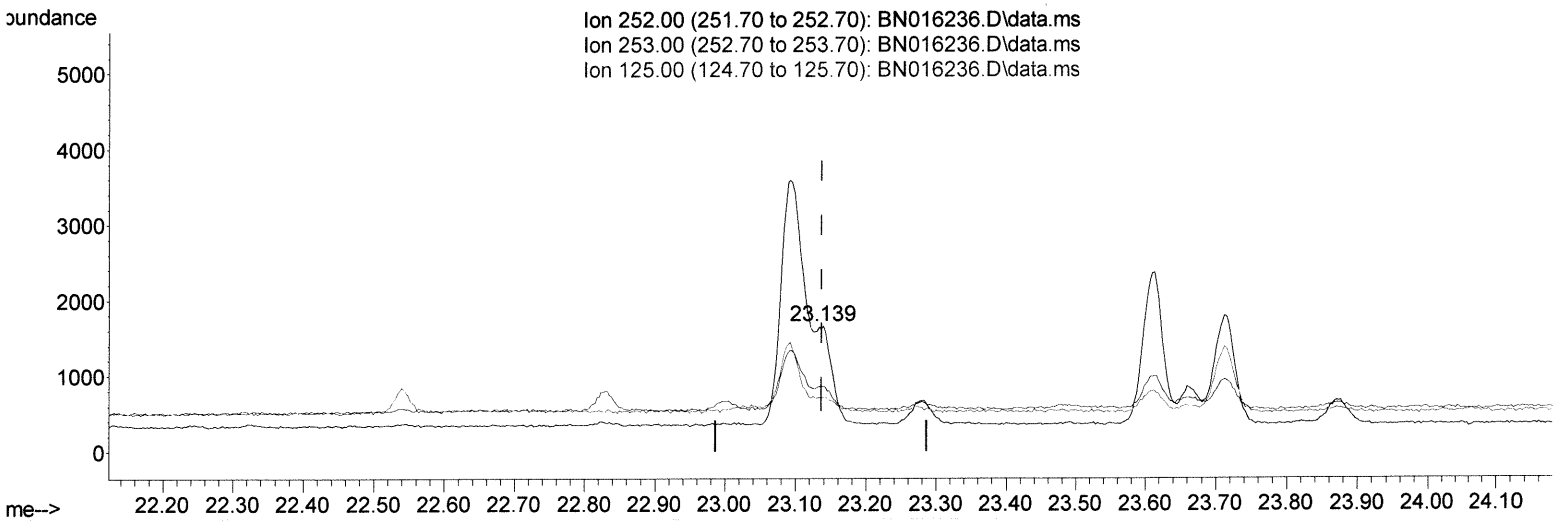
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	37.35#
125.00	13.60	40.34#
0.00	0.00	0.00

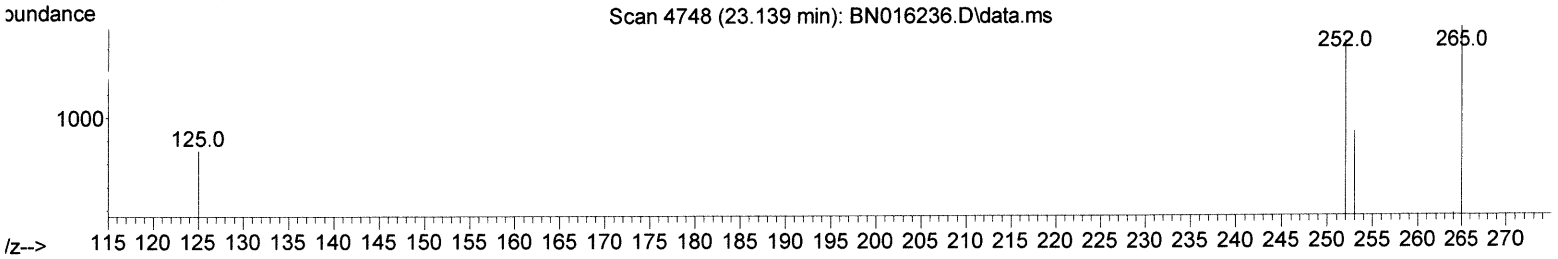
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016236.D
Acq On : 07 Sep 2021 15:07
Operator : CG/JU
Sample : M3486-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

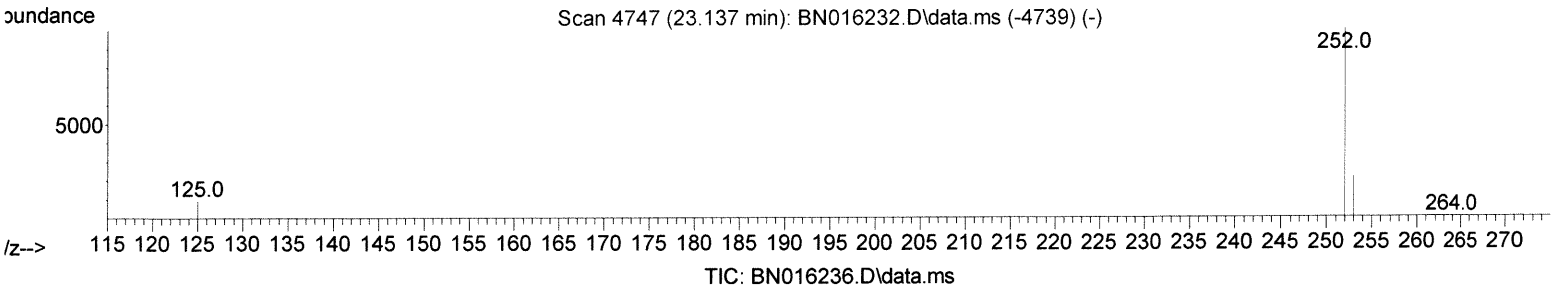
Quant Time: Sep 07 15:35:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 07 12:55:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AR5

Manual Integrations APPROVED
mohammad
9/8/2021 7:00:30 AM







TIC: BN016236.D\data.ms

(25) Benzo(k)fluoranthene

23.139min (+ 0.002) 0.05 ng/ul m JG 9/8/21

response 2622

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	52.14#
125.00	13.60	42.93#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016236.D
Acq On : 07 Sep 2021 15:07
Operator : CG/JU
Sample : M3486-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AR5

Manual Integrations APPROVED
mohammad
9/8/2021 7:00:30 AM

Quant Time: Sep 07 15:35:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 07 12:55:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	2518	0.400	ng/ul	0.00
4) Naphthalene-d8	10.655	136	10824	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	6659	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.242	188	14382	0.400	ng/ul	0.00
17) Chrysene-d12	21.432	240	15327	0.400	ng/ul	0.00
23) Perylene-d12	23.821	264	15167	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	3319	1.132	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	3062	0.201	ng/ul	0.00
18) Fluoranthene-d10	19.275	212	8174	0.199	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.705	128	646	0.022	ng/ul#	68
7) 2-Methylnaphthalene	12.321	142	379	0.020	ng/ul	91
10) Acenaphthylene	14.214	152	642	0.025	ng/ul#	67
15) Phenanthrene	17.284	178	2344	0.057	ng/ul#	91
19) Fluoranthene	19.303	202	4698	0.092	ng/ul	97
20) Pyrene	19.665	202	4593	0.089	ng/ul	99
21) Benzo(a)anthracene	21.415	228	2724	0.058	ng/ul#	83
22) Chrysene	21.468	228	3637	0.069	ng/ul#	85
24) Benzo(b)fluoranthene	23.093	252	7571m	0.133	ng/ul	
25) Benzo(k)fluoranthene	23.139	252	2622m	0.046	ng/ul	
26) Benzo(a)pyrene	23.712	252	2883	0.060	ng/ul#	10
27) Indeno(1,2,3-cd)pyrene	26.289	276	2799	0.045	ng/ul#	90
29) Benzo(g,h,i)perylene	27.054	276	2483	0.046	ng/ul#	64

JU 9/8/21

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