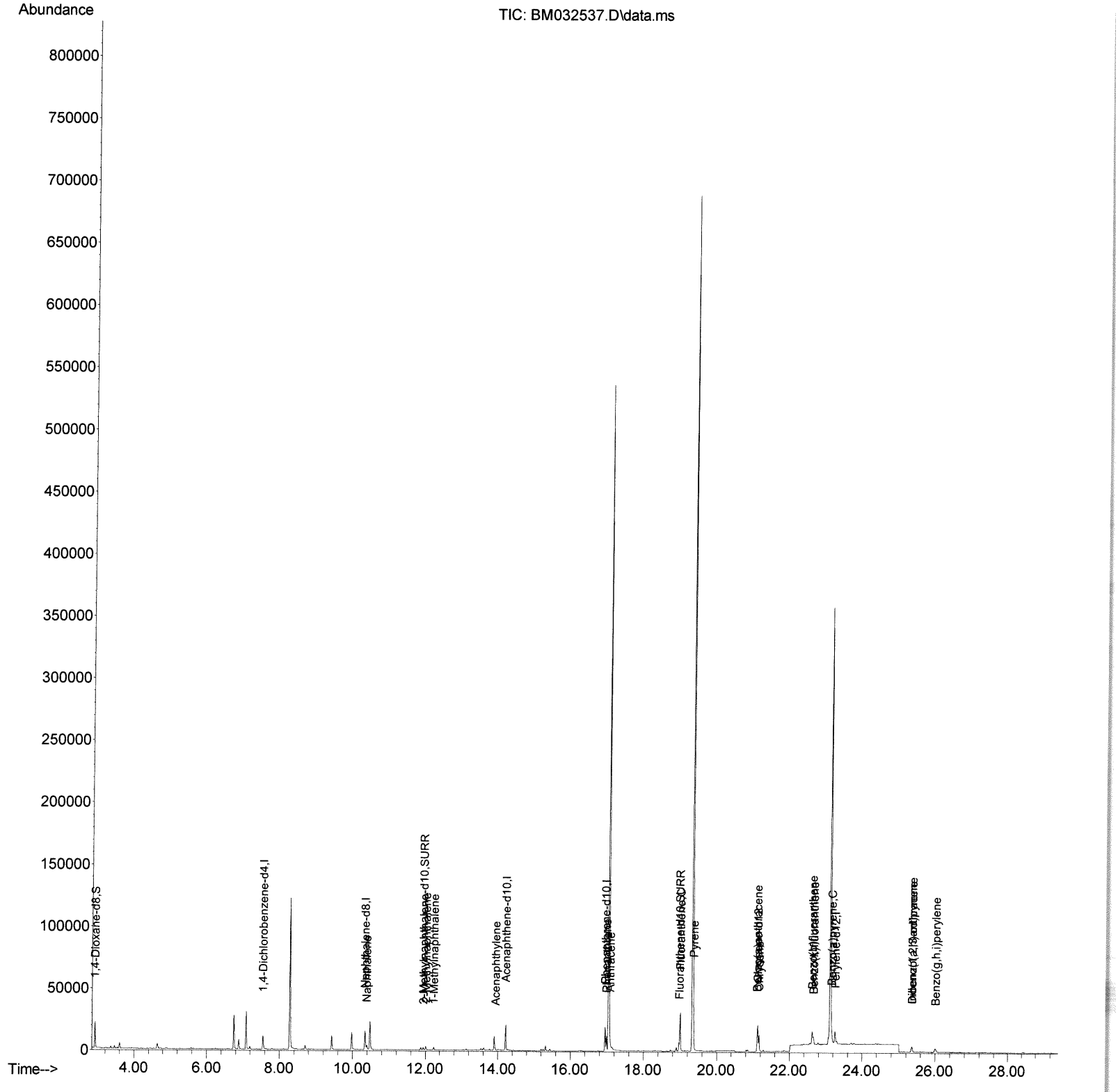
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032537.D
Acq On : 15 Oct 2021 22:04
Operator : CG/JU
Sample : M4029-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 18 04:09:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00S8

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:58 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032537.D
Acq On : 15 Oct 2021 22:04
Operator : CG/JU
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Manual Integrations APPROVED
mohammad
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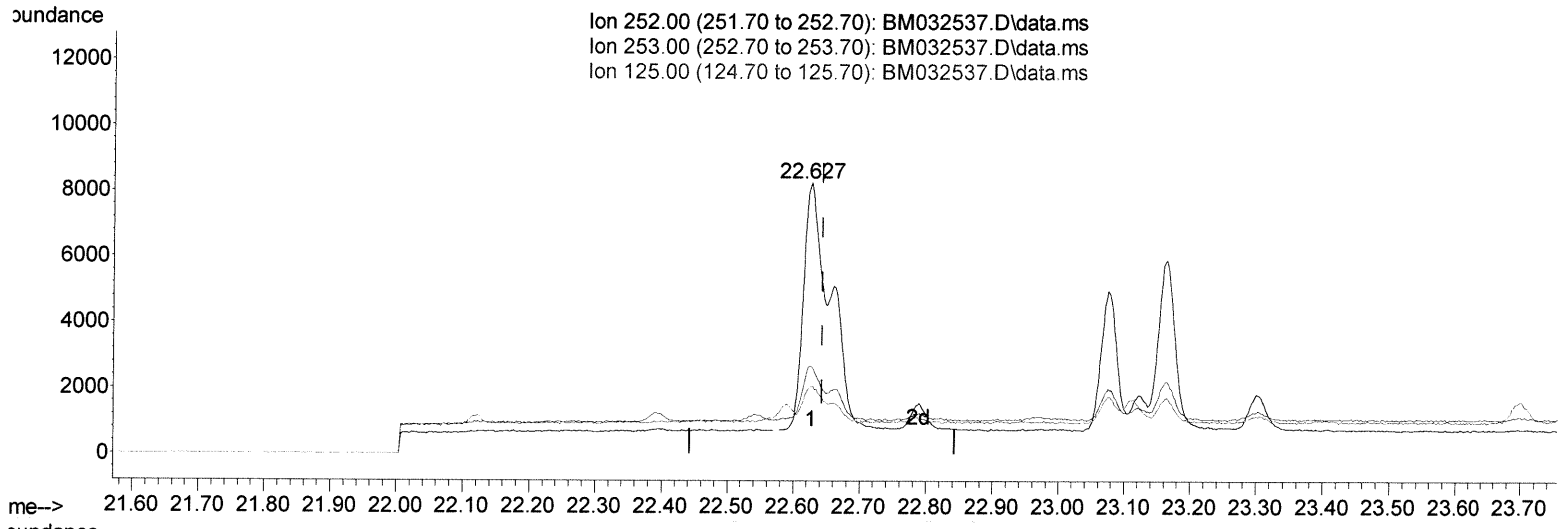

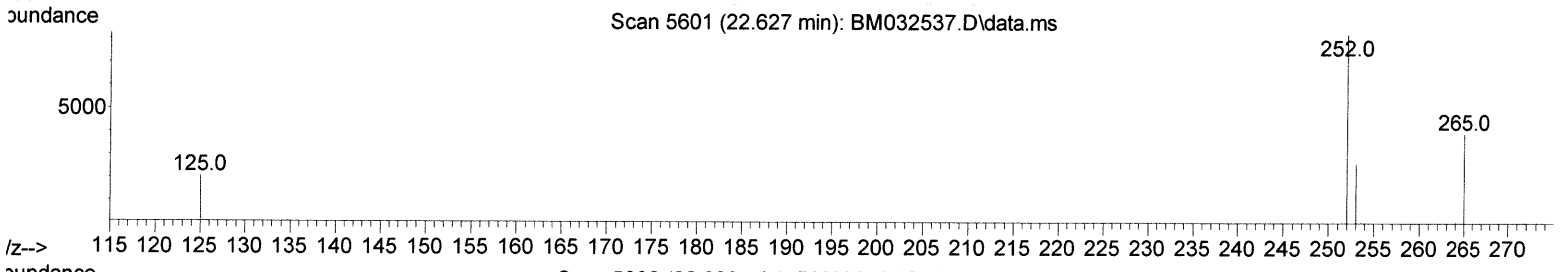

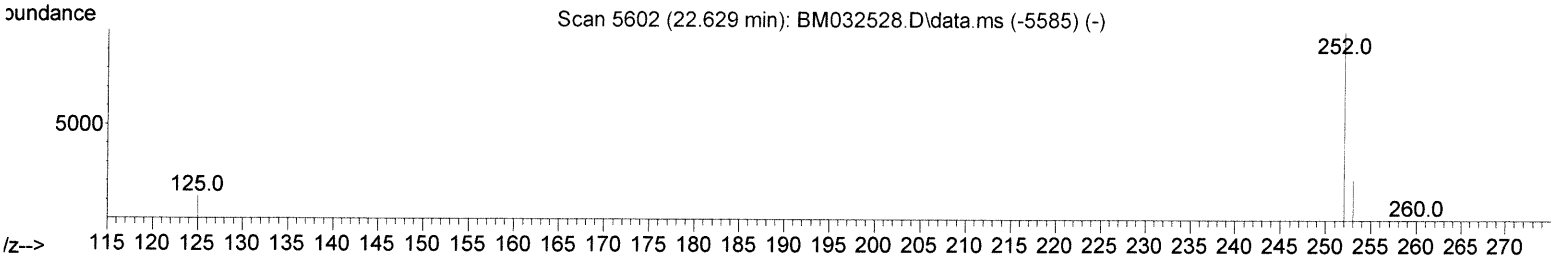

TIC: BM032537.D\data.ms

(24) Benzo(b)fluoranthene

22.627min (-0.017) 0.37 ng/ul

response 21573

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	32.24
125.00	17.80	24.77
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
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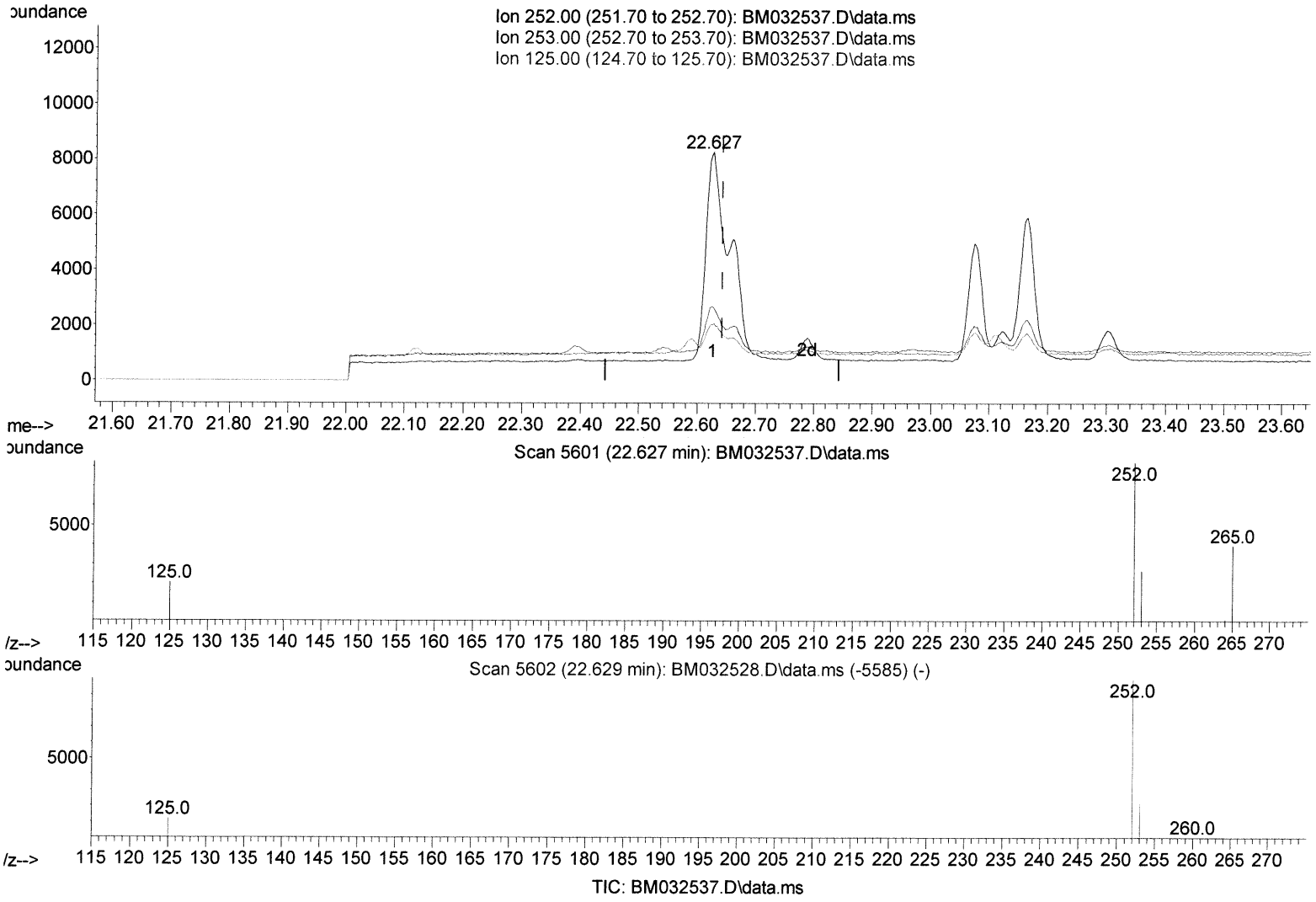
Manual Integrations APPROVED
mohammad
10/18/2021 12:41:58 PM



(24) Benzo(b)fluoranthene

22.627min (-0.017) 0.25 ng/ul m

response 14359

JU 10/19/21

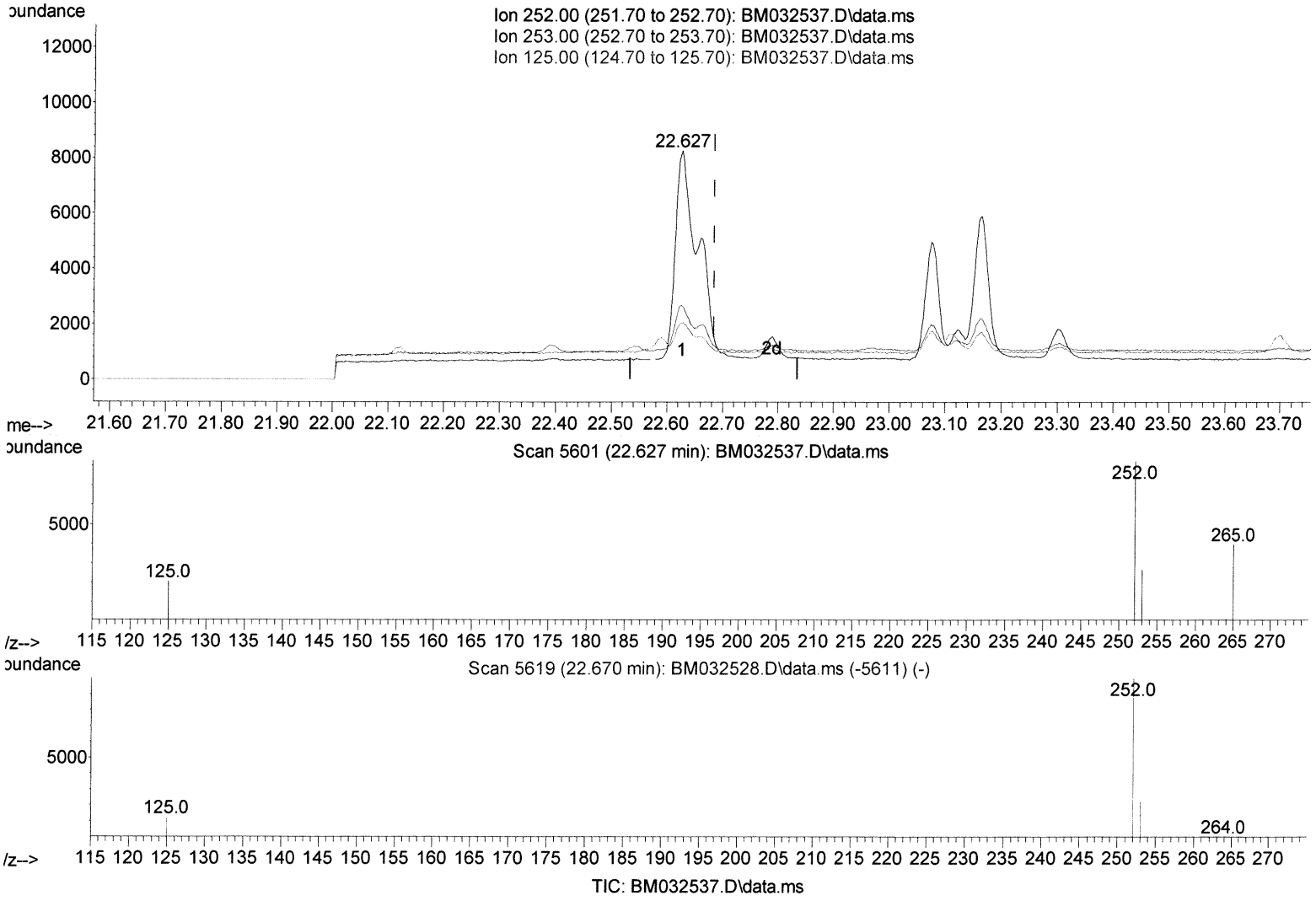
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	32.24
125.00	17.80	24.77
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032537.D
Acq On : 15 Oct 2021 22:04
Operator : CG/JU
Sample : M4029-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 18 04:09:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00S8

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:58 PM



(25) Benzo(k)fluoranthene

22.627min (-0.058) 0.37 ng/ul

response 21573

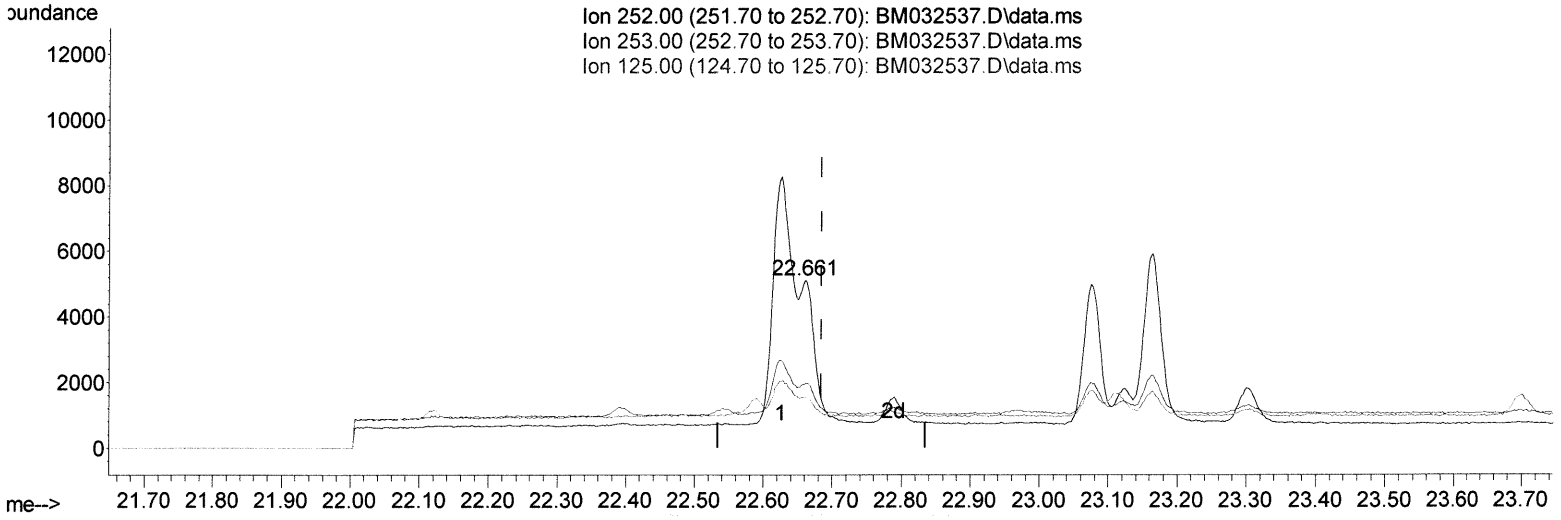
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	32.24
125.00	18.00	24.77#
0.00	0.00	0.00

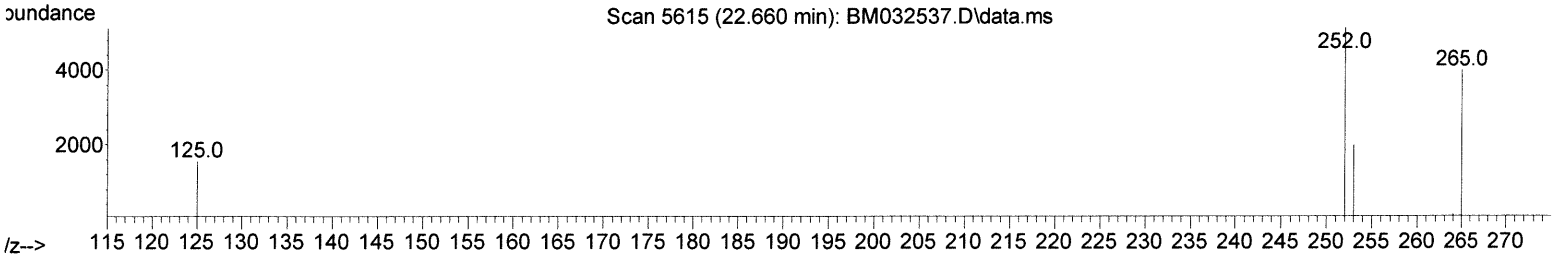
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032537.D
Acq On : 15 Oct 2021 22:04
Operator : CG/JU
Sample : M4029-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

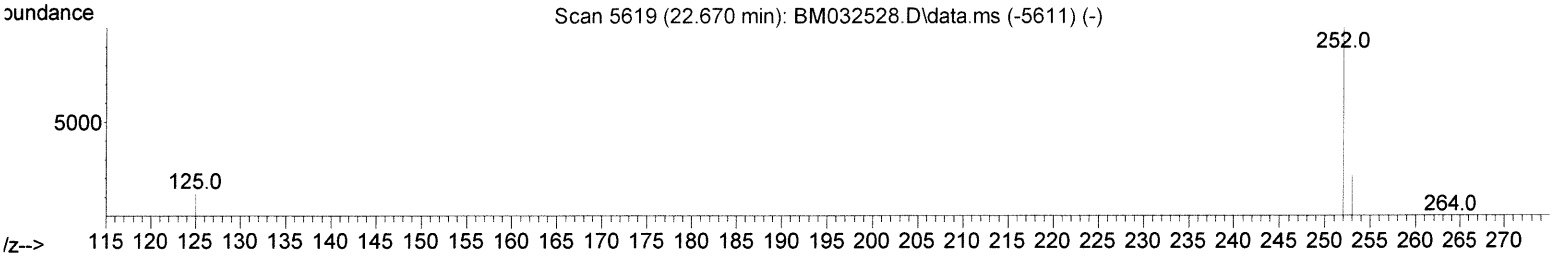
Quant Time: Oct 18 04:09:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00S8

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:58 PM







TIC: BM032537.D\data.ms

(25) Benzo(k)fluoranthene

22.660min (-0.024) 0.12 ng/ul m

response 7007

JC 10/19/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	38.45#
125.00	18.00	30.18#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032537.D
Acq On : 15 Oct 2021 22:04
Operator : CG/JU
Sample : M4029-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00S8

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:58 PM

Quant Time: Oct 18 04:09:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	6336	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	20543	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	11048	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	22119	0.400	ng/ul	0.00
17) Chrysene-d12	21.123	240	15652	0.400	ng/ul	-0.01
23) Perylene-d12	23.257	264	12582	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	12834	1.807	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	3079	0.112	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	7128	0.145	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.389	128	4014	0.064	ng/ul#	95
7) 2-Methylnaphthalene	12.012	142	2603	0.064	ng/ul	98
8) 1-Methylnaphthalene	12.233	142	1659	0.041	ng/ul	100
10) Acenaphthylene	13.928	152	1241	0.026	ng/ul#	62
15) Phenanthrene	16.988	178	12608	0.169	ng/ul	99
16) Anthracene	17.078	178	1940	0.030	ng/ul#	90
19) Fluoranthene	19.004	202	26553	0.343	ng/ul	99
20) Pyrene	19.362	202	25745	0.323	ng/ul	97
21) Benzo(a)anthracene	21.106	228	10254	0.168	ng/ul	97
22) Chrysene	21.159	228	13625	0.202	ng/ul	98
24) Benzo(b)fluoranthene	22.627	252	14359m	0.247	ng/ul	
25) Benzo(k)fluoranthene	22.660	252	7007m	0.121	ng/ul	
26) Benzo(a)pyrene	23.164	252	8952	0.184	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.360	276	5997	0.101	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.360	278	2035	0.043	ng/ul#	52
29) Benzo(g,h,i)perylene	26.006	276	5680	0.109	ng/ul	93

JU 10/19/21

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