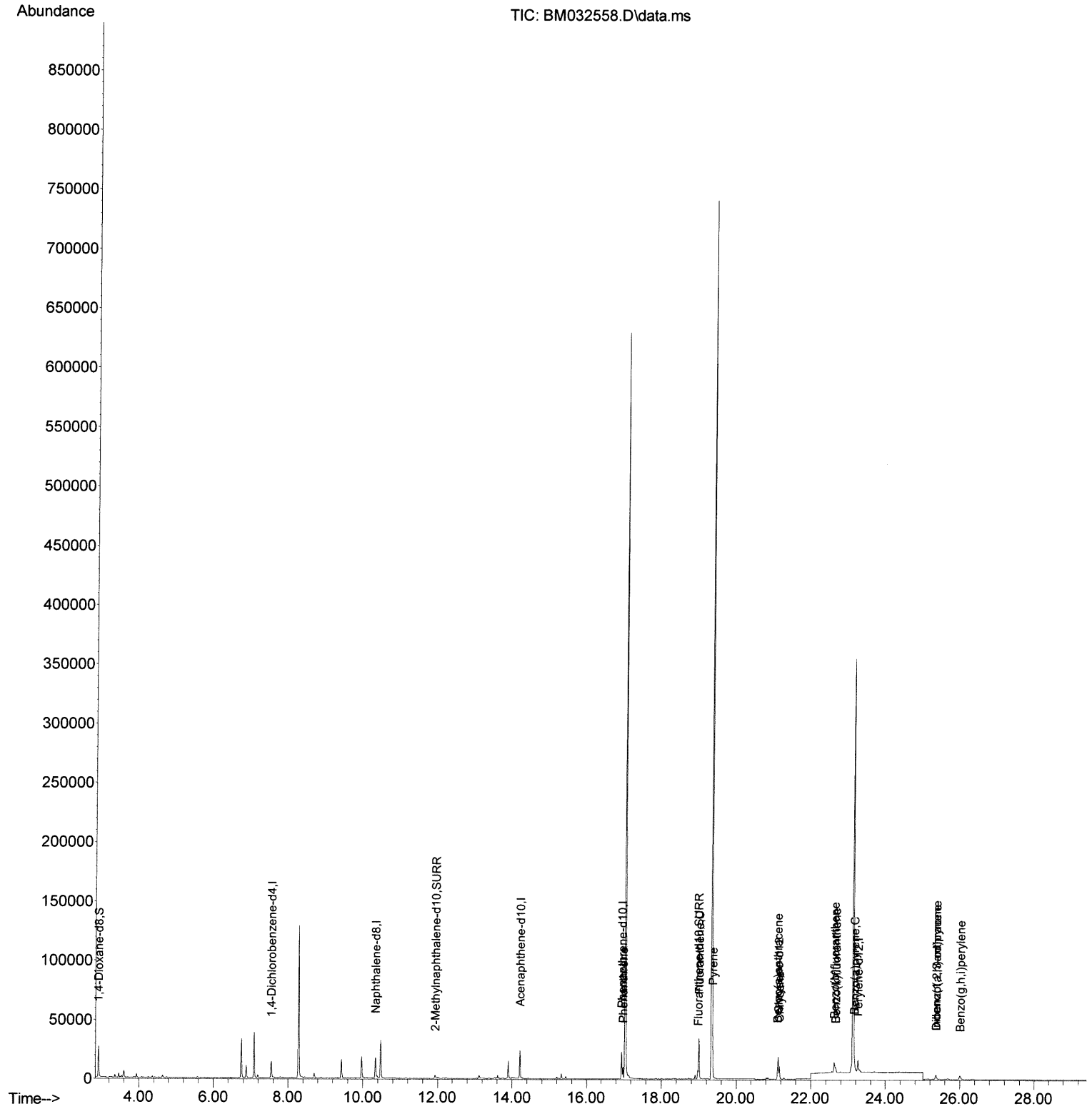
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032558.D
Acq On : 16 Oct 2021 11:23
Operator : CG/JU
Sample : M4029-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Oct 18 05:28:49 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 :
C00Q9

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:55 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032558.D
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Manual Integrations APPROVED
mohammad
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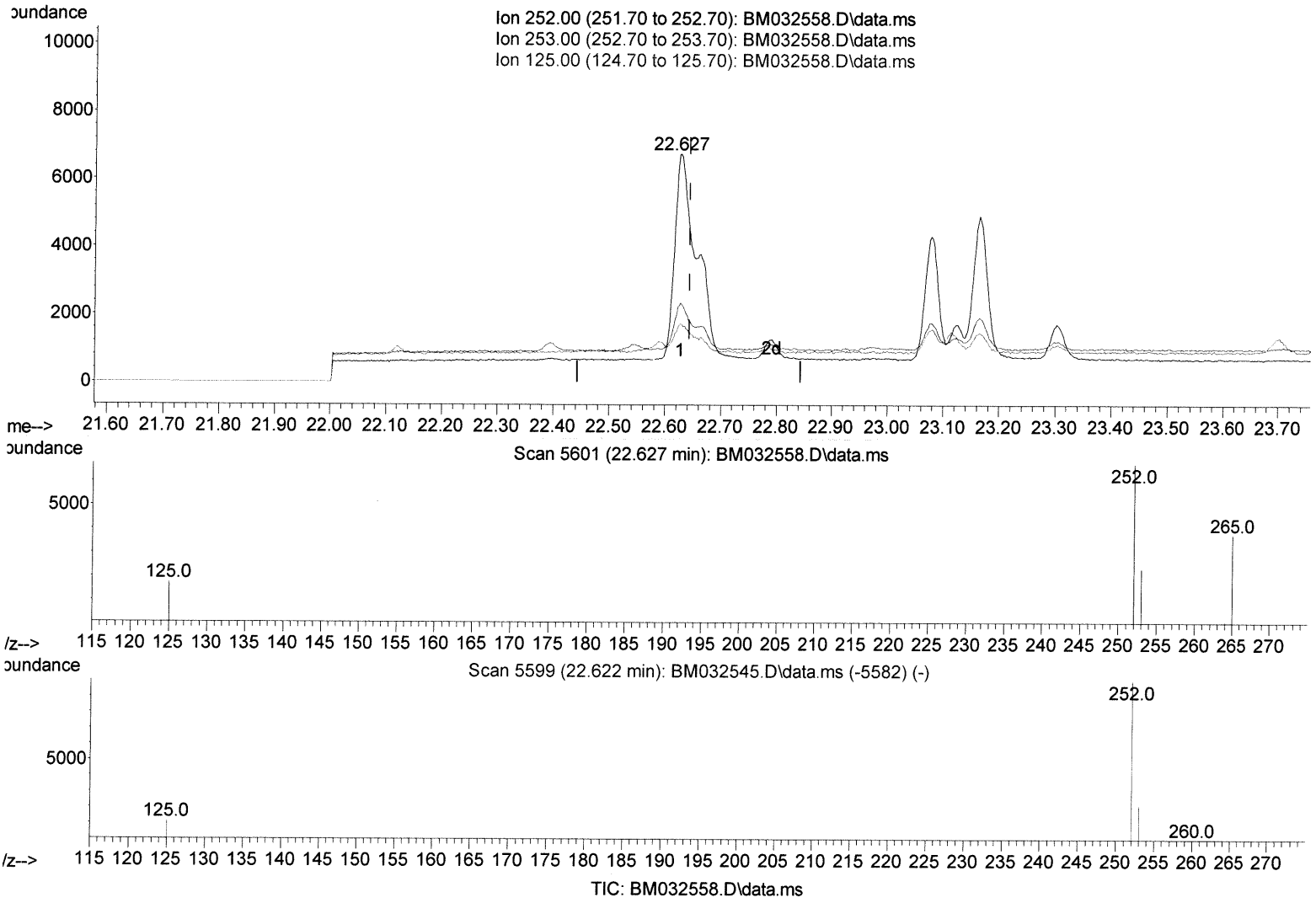

(24) Benzo(b)fluoranthene

22.627min (-0.017) 0.30 ng/ul

response 16999

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	34.72
125.00	17.80	25.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
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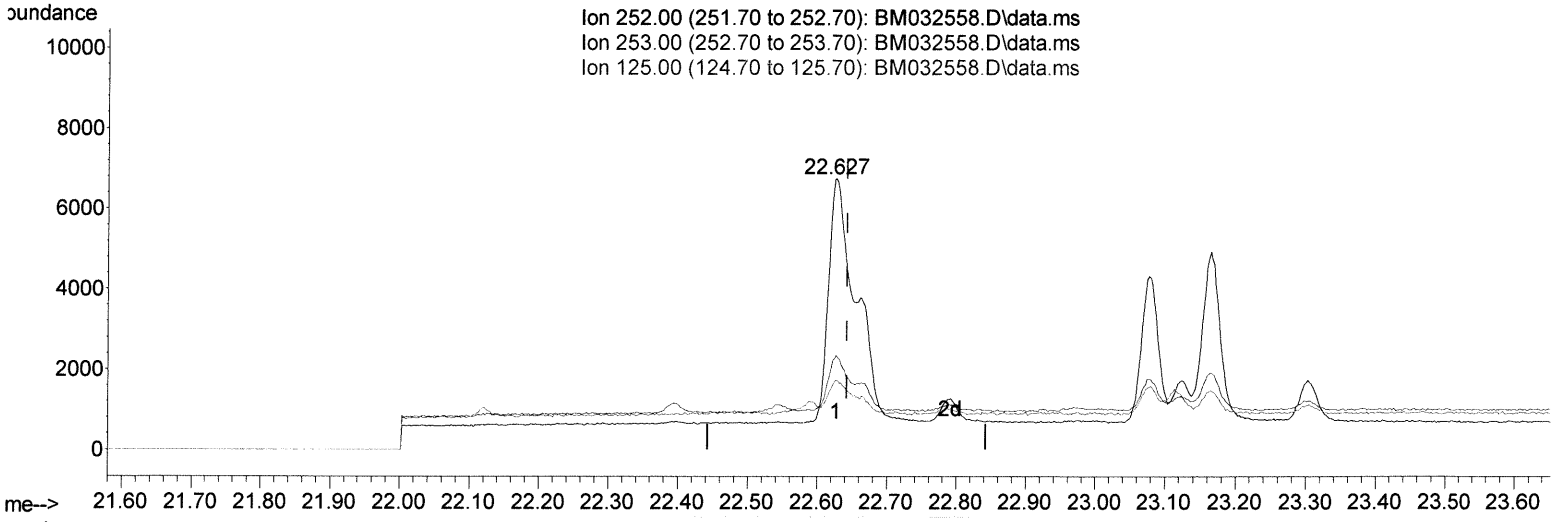
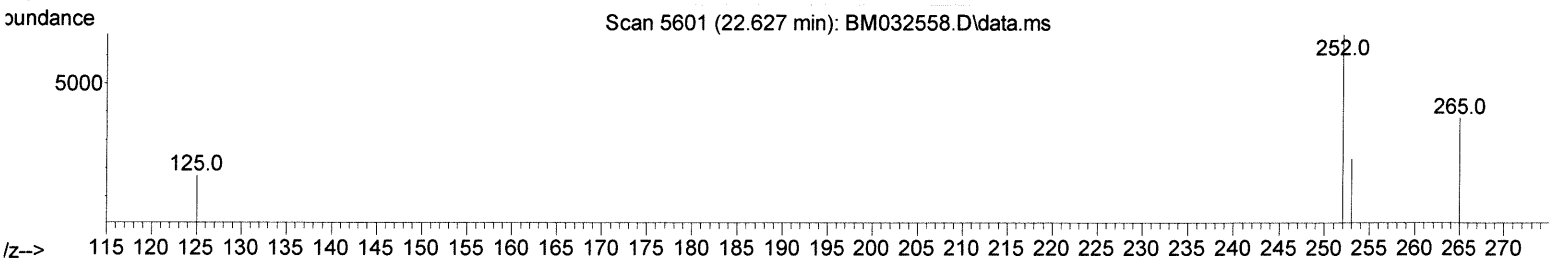
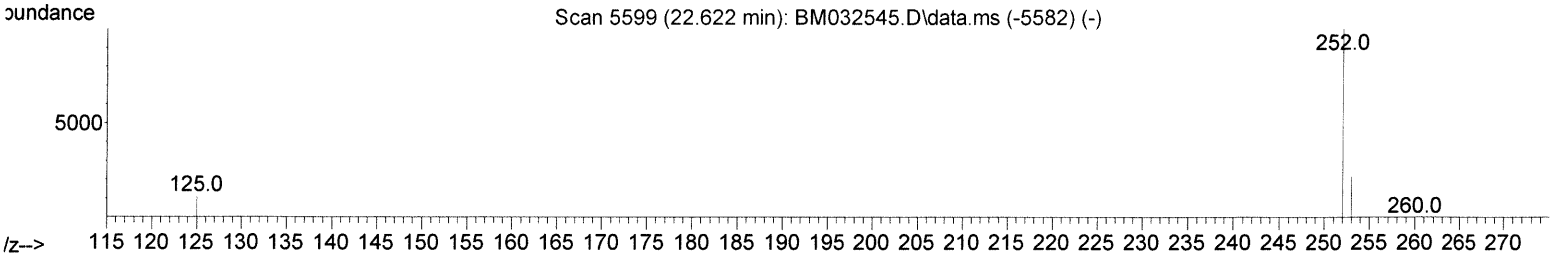
mohammad
10/19/2021 12:07:55 PM







TIC: BM032558.D\data.ms

(24) Benzo(b)fluoranthene

22.627min (-0.017) 0.22 ng/ul m

response 12281

JU 10/19/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	34.72
125.00	17.80	25.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032558.D
Acq On : 16 Oct 2021 11:23
Operator : CG/JU
Sample : M4029-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Oct 18 05:28:49 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
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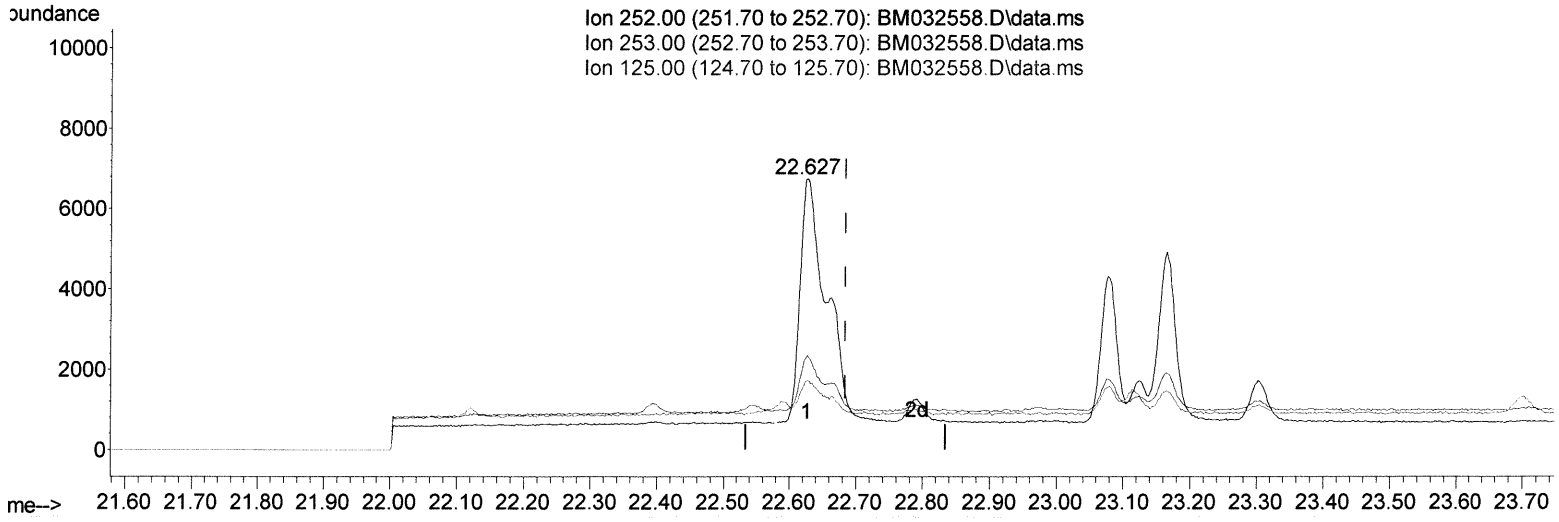
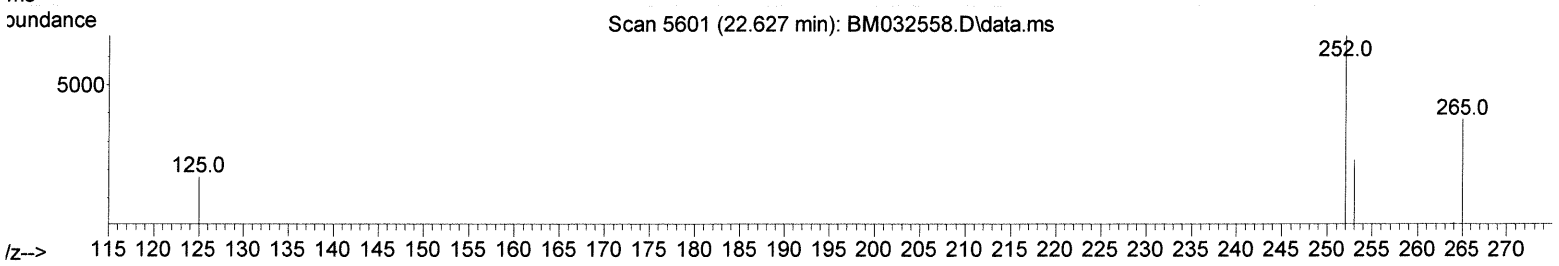
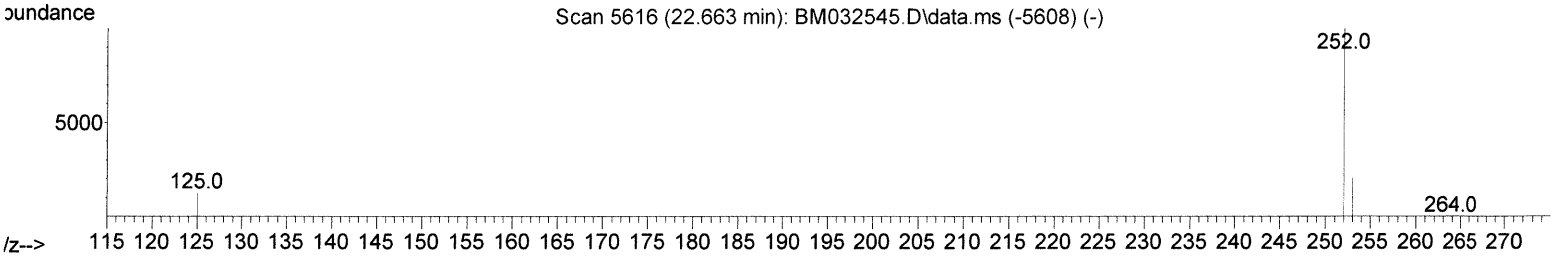
Instrument :
BNA_M
ClientSampleId :
C00Q9

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:55 PM







TIC: BM032558.D\data.ms

(25) Benzo(k)fluoranthene

22.627min (-0.058) 0.30 ng/ul

response 16964

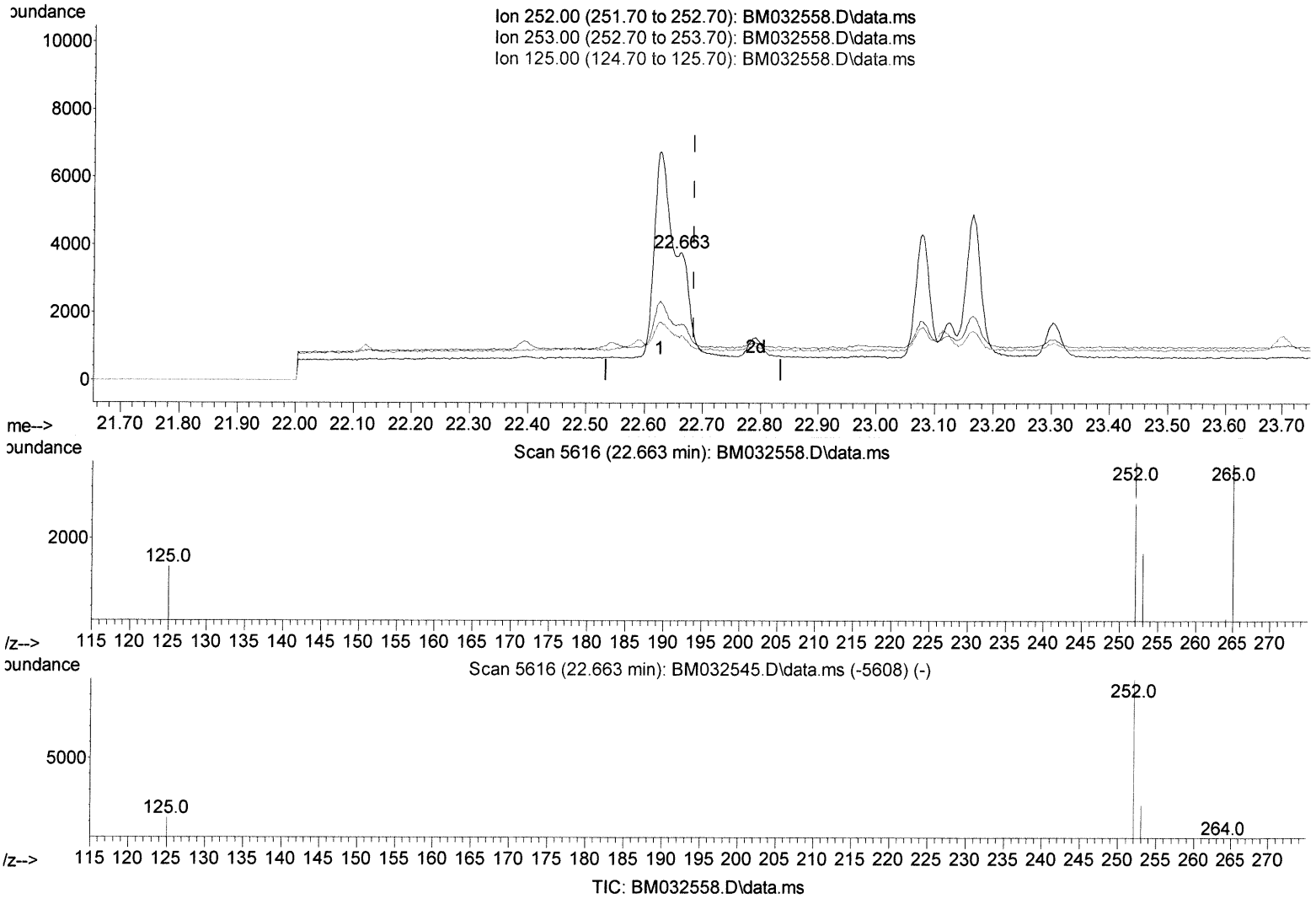
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	34.72#
125.00	18.00	25.65#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032558.D
Acq On : 16 Oct 2021 11:23
Operator : CG/JU
Sample : M4029-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Oct 18 05:28:49 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 :
C00Q9

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:55 PM



(25) Benzo(k)fluoranthene

22.663min (-0.022) 0.09 ng/ul m

response 4819

JH 10/19/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	43.86#
125.00	18.00	35.24#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032558.D
Acq On : 16 Oct 2021 11:23
Operator : CG/JU
Sample : M4029-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C00Q9

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:55 PM

Quant Time: Oct 18 05:28:49 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	7662	0.400	ng/ul	0.00
4) Naphthalene-d8	10.335	136	24469	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	12810	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	24601	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	14155	0.400	ng/ul	0.00
23) Perylene-d12	23.259	264	12120	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	16276	1.895	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	3974	0.122	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	7635	0.171	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	16.988	178	10113	0.122	ng/ul	99
19) Fluoranthene	19.000	202	28362	0.405	ng/ul	99
20) Pyrene	19.362	202	25461	0.354	ng/ul	98
21) Benzo(a)anthracene	21.109	228	6862	0.124	ng/ul	97
22) Chrysene	21.159	228	10537	0.173	ng/ul	97
24) Benzo(b)fluoranthene	22.627	252	12281m	0.219	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	4819m	0.086	ng/ul	JU 10/19/21
26) Benzo(a)pyrene	23.164	252	7396	0.158	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.360	276	5873	0.102	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.360	278	1277	0.028	ng/ul#	32
29) Benzo(g,h,i)perylene	26.004	276	5846	0.117	ng/ul	92

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