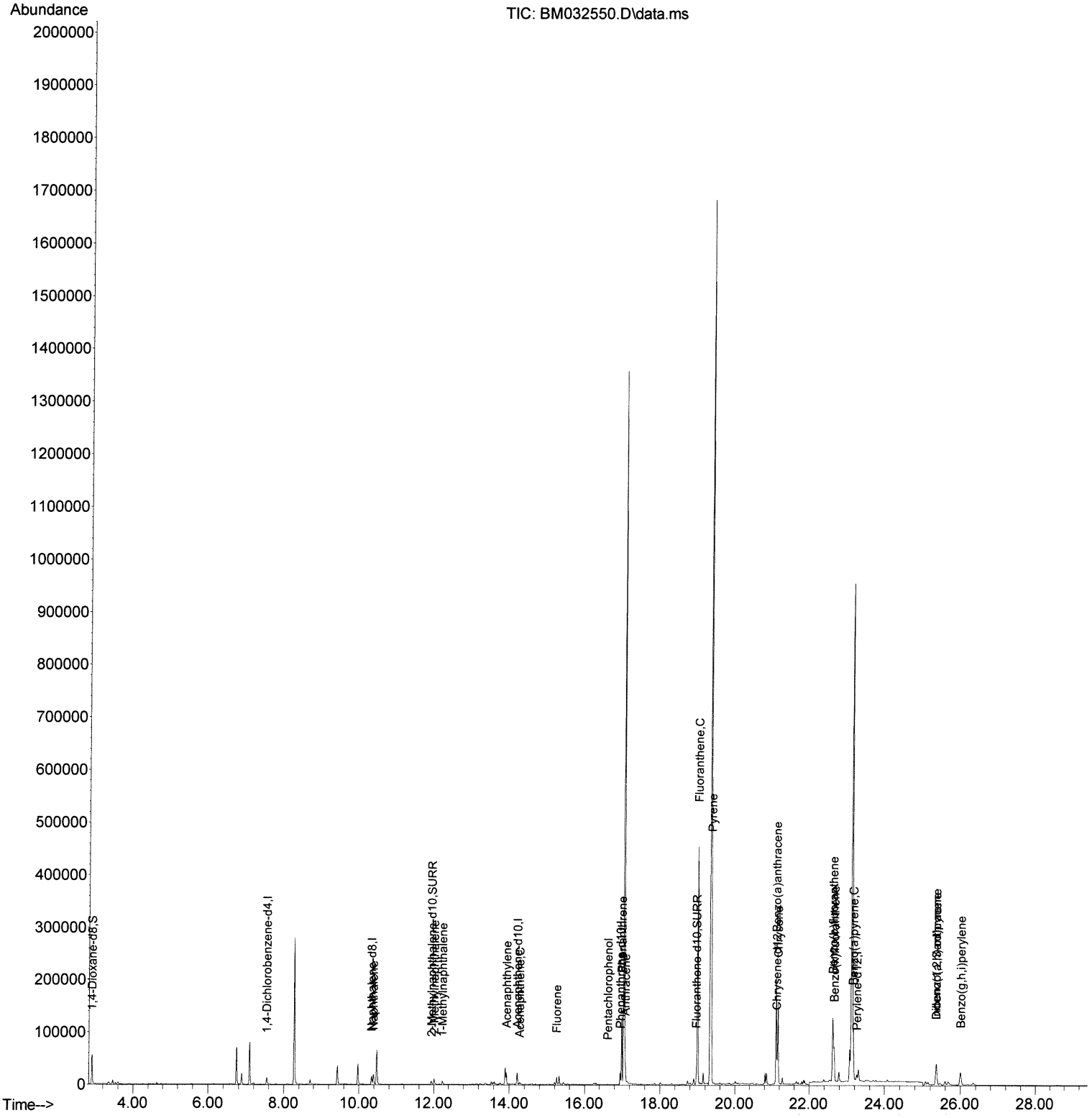
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032550.D
Acq On : 16 Oct 2021 06:34
Operator : CG/JU
Sample : M4029-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 18 05:27:48 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 :
C00R8

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:37 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032550.D
Acq On : 16 Oct 2021 06:34
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Manual Integrations APPROVED
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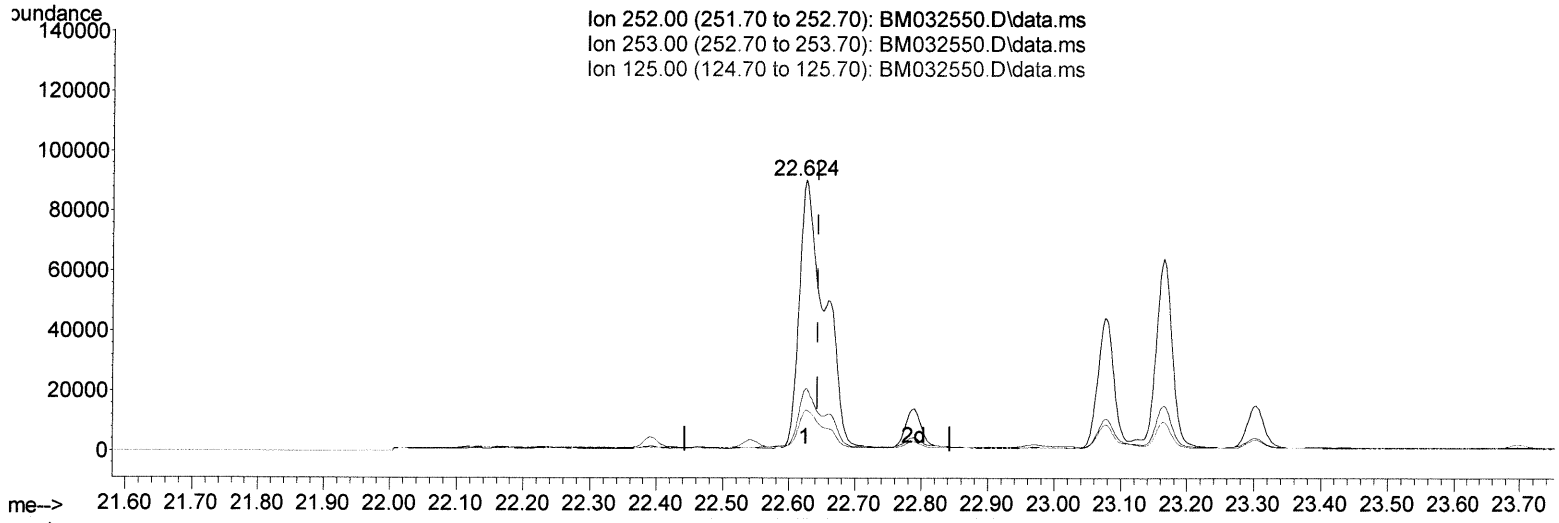

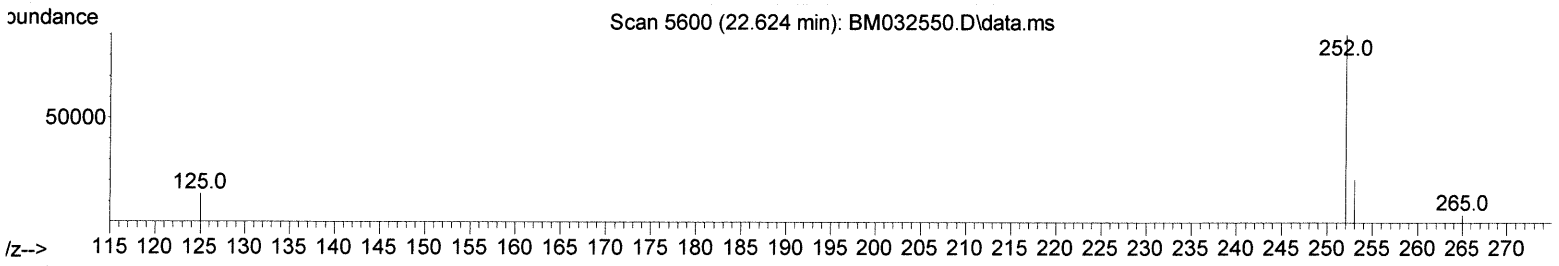

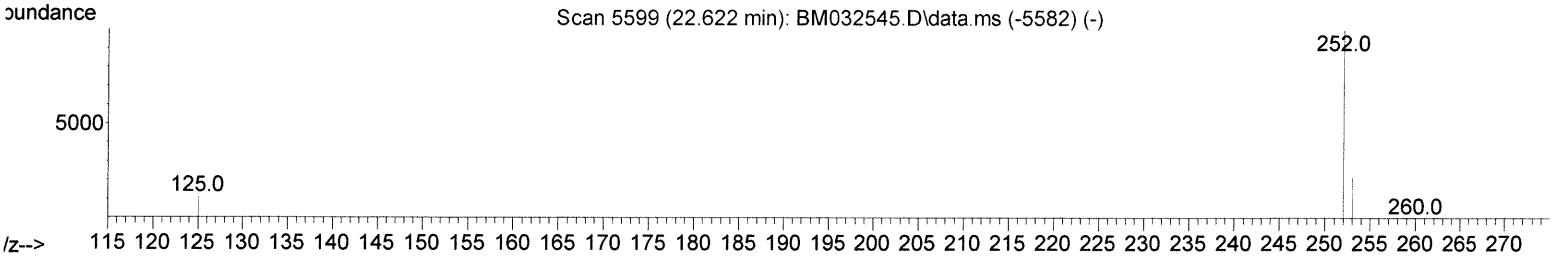

TIC: BM032550.D\data.ms

(24) Benzo(b)fluoranthene

22.624min (-0.019) 3.63 ng/ul

response 243226

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	22.96
125.00	17.80	14.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032550.D
Acq On : 16 Oct 2021 06:34
Operator : CG/JU
Sample : M4029-13
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Quant Time: Oct 18 05:27:48 2021
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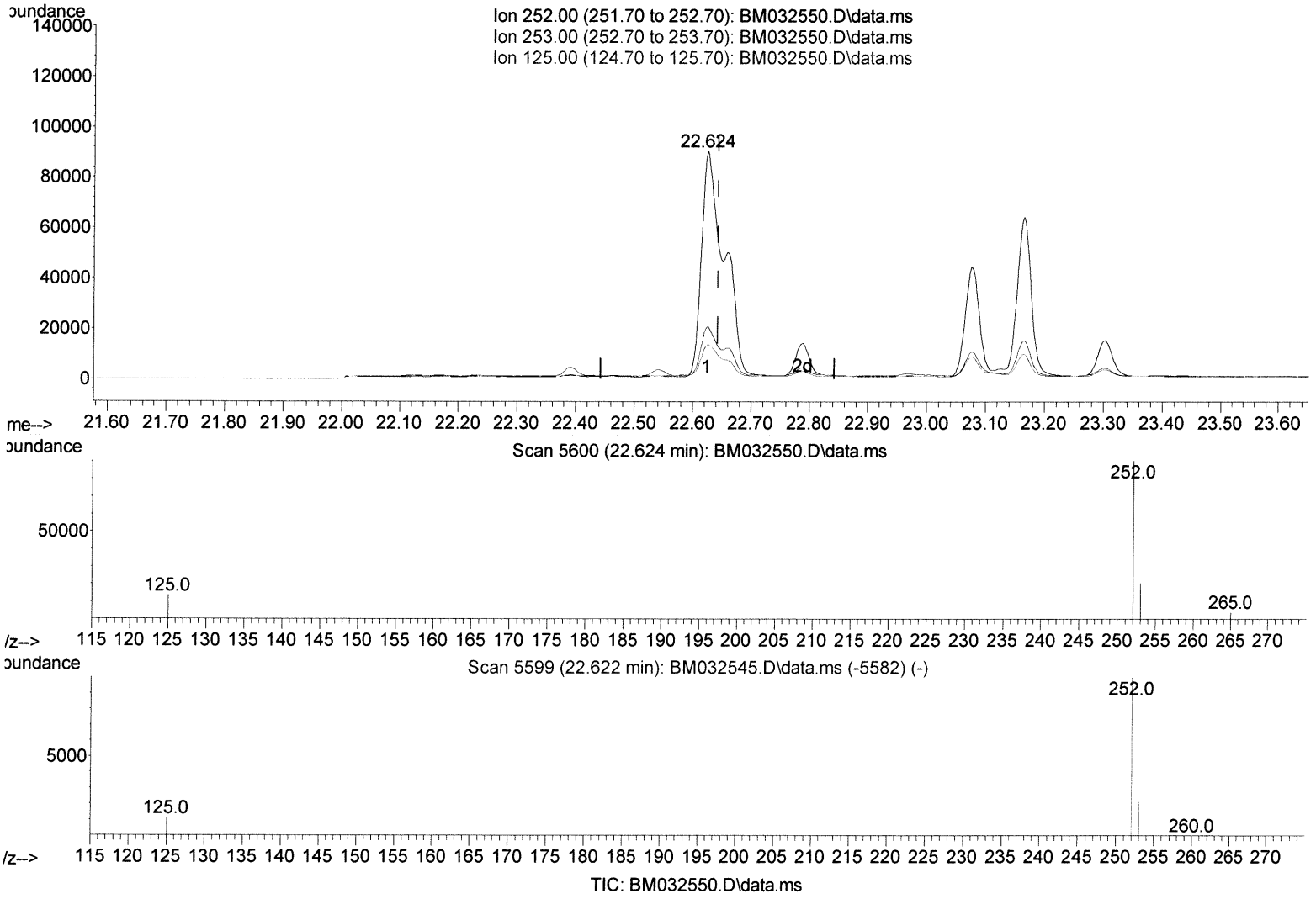
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00R8

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:37 PM



(24) Benzo(b)fluoranthene

22.624min (-0.019) 2.60 ng/ul m

JU 10/19/21

response 174024

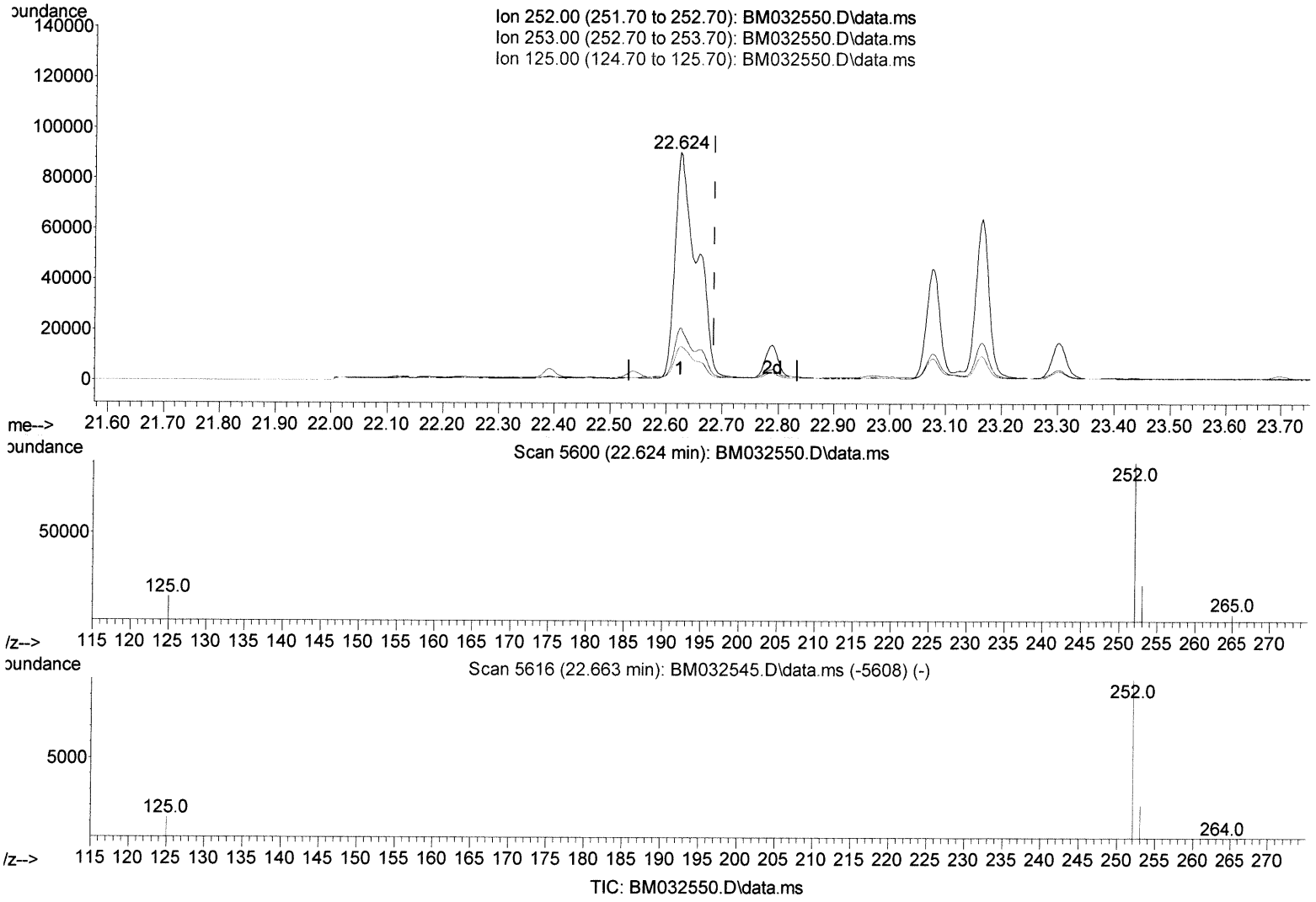
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	22.96
125.00	17.80	14.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032550.D
Acq On : 16 Oct 2021 06:34
Operator : CG/JU
Sample : M4029-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 18 05:27:48 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 :
C00R8

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:37 PM



(25) Benzo(k)fluoranthene

22.624min (-0.060) 3.65 ng/ul

response 243371

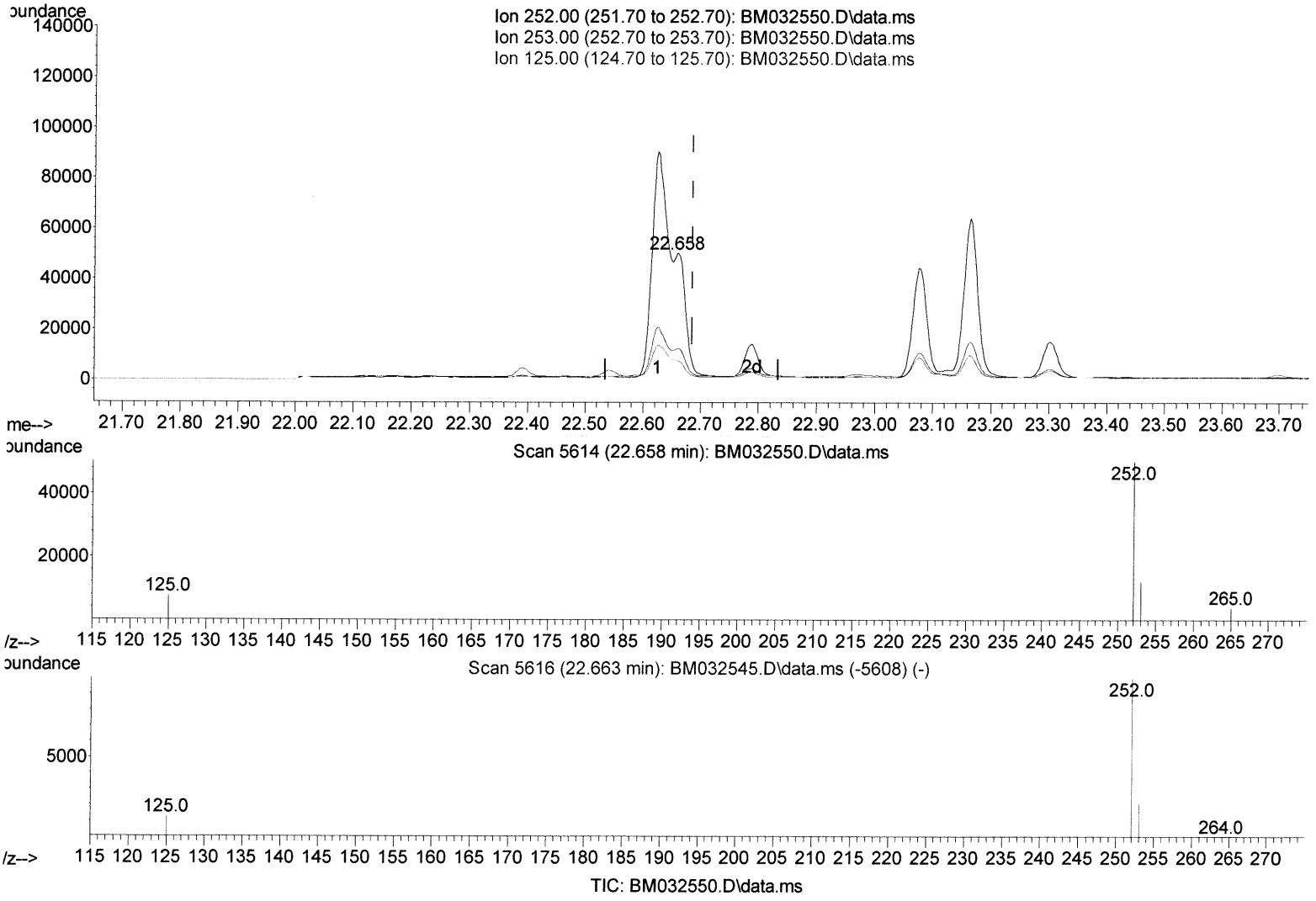
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	22.96
125.00	18.00	14.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032550.D
Acq On : 16 Oct 2021 06:34
Operator : CG/JU
Sample : M4029-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 18 05:27:48 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 :
C00R8

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:37 PM



(25) Benzo(k)fluoranthene

22.658min (-0.027) 1.03 ng/ul m

JU 10/19/21

response 68577

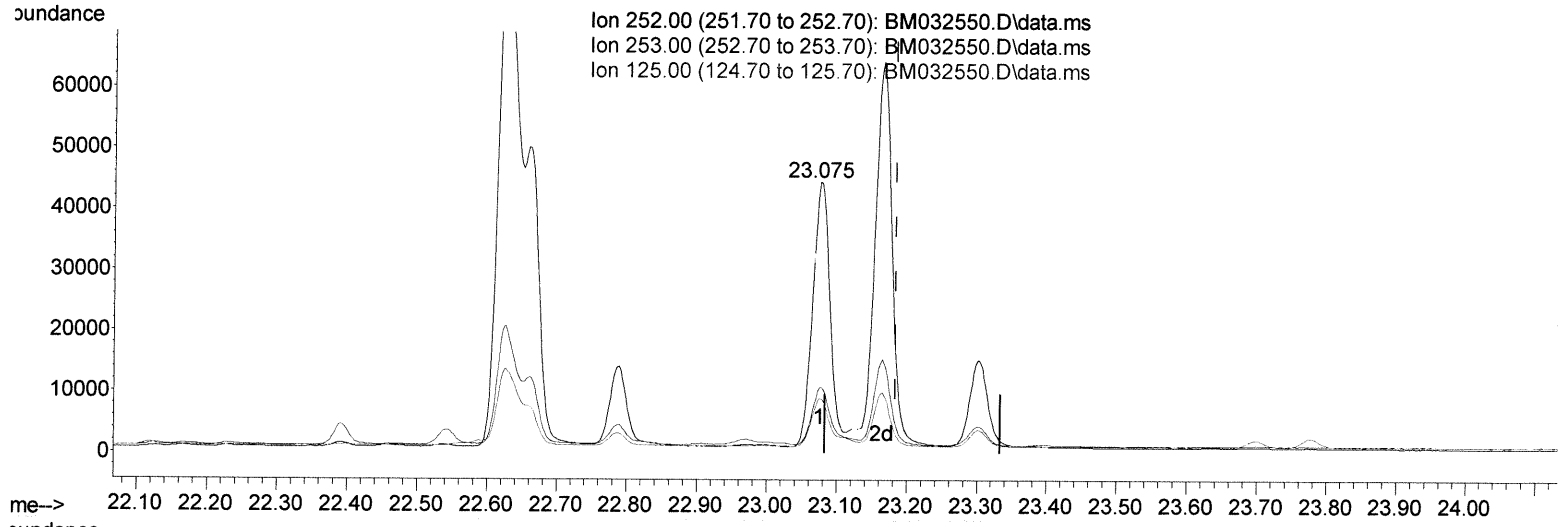
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	24.43
125.00	18.00	15.27
0.00	0.00	0.00

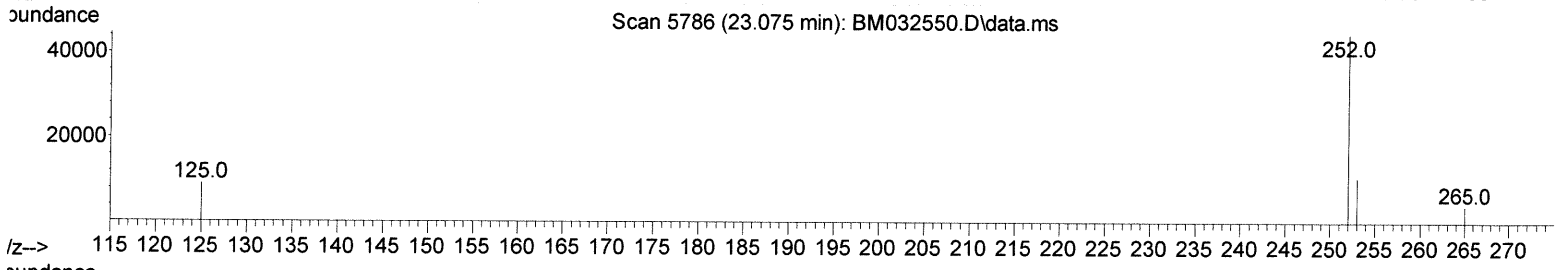
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032550.D
Acq On : 16 Oct 2021 06:34
Operator : CG/JU
Sample : M4029-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

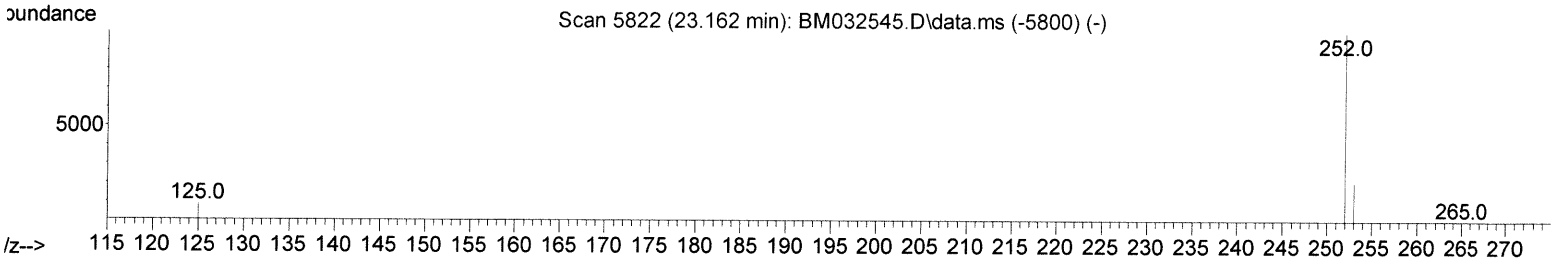
Quant Time: Oct 18 05:27:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00R8

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:37 PM







TIC: BM032550.D\data.ms

(26) Benzo(a)pyrene (C)

23.075min (-0.109) 0.87 ng/ul

response 49033

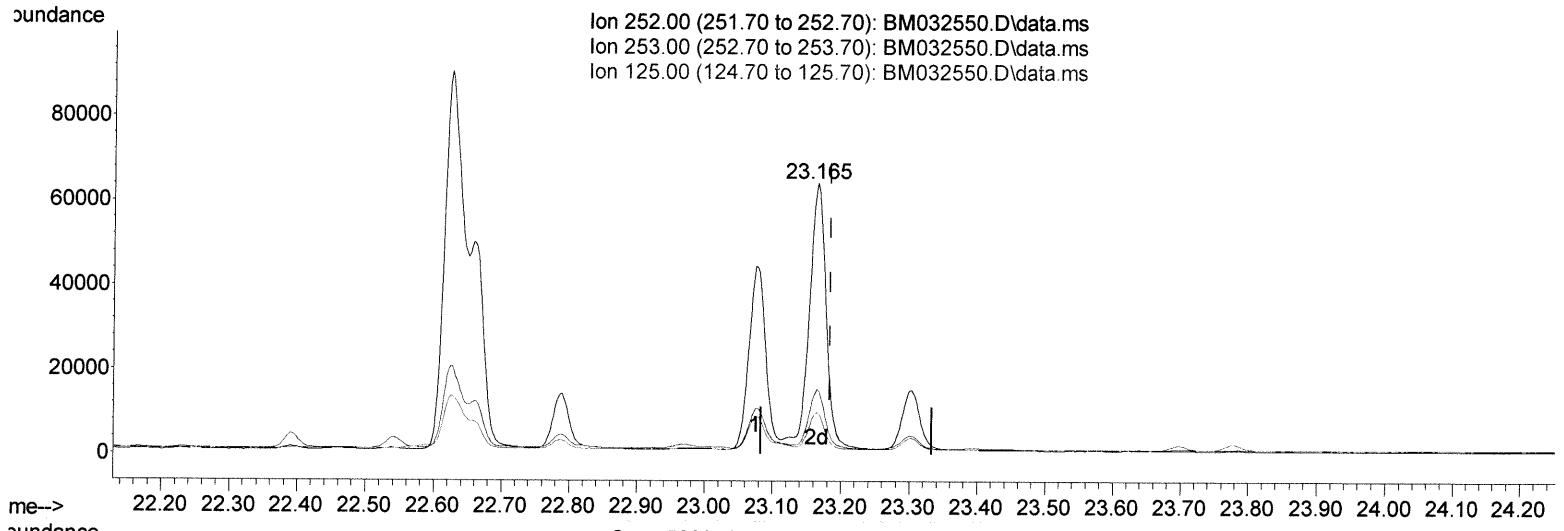
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.50	24.12
125.00	21.40	20.17
0.00	0.00	0.00

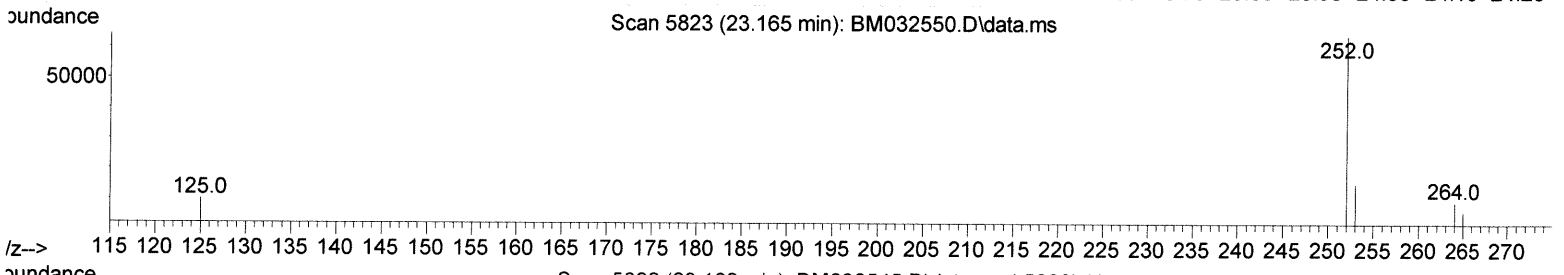
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032550.D
Acq On : 16 Oct 2021 06:34
Operator : CG/JU
Sample : M4029-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

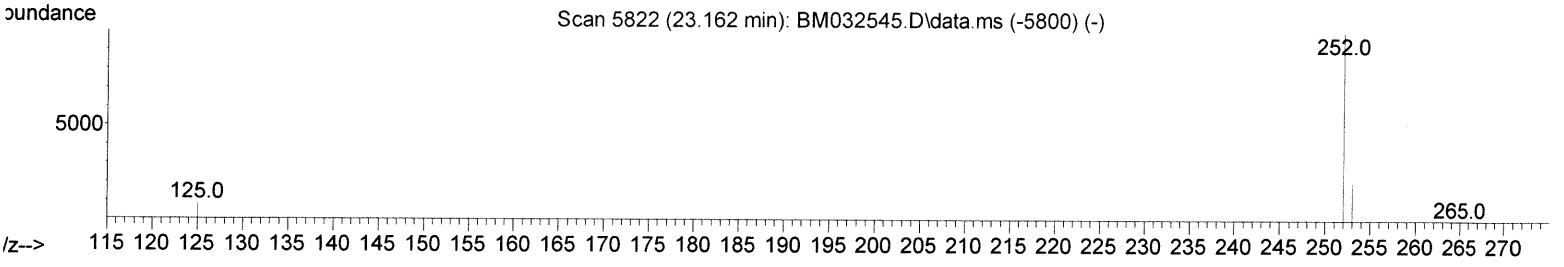
Quant Time: Oct 18 05:27:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00R8

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:37 PM







TIC: BM032550.D\data.ms

(26) Benzo(a)pyrene (C)

23.165min (-0.019) 1.89 ng/ul m JU 10/19/21

response 106116

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.50	23.91
125.00	21.40	15.37#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032550.D
Acq On : 16 Oct 2021 06:34
Operator : CG/JU
Sample : M4029-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00R8

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:37 PM

Quant Time: Oct 18 05:27:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	6702	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	21670	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	12085	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	24172	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	18233	0.400	ng/ul	-0.01
23) Perylene-d12	23.257	264	14503	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.917	96	33758	4.494	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.936	152	8451	0.292	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	21296	0.371	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.384	128	26535	0.404	ng/ul	99
7) 2-Methylnaphthalene	12.008	142	8389	0.195	ng/ul	99
8) 1-Methylnaphthalene	12.233	142	4250	0.100	ng/ul	100
10) Acenaphthylene	13.928	152	24683	0.478	ng/ul	99
11) Acenaphthene	14.274	153	2742	0.058	ng/ul	99
12) Fluorene	15.260	166	8631	0.163	ng/ul#	98
14) Pentachlorophenol	16.620	266	139	0.022	ng/ul	92
15) Phenanthrene	16.988	178	128133	1.576	ng/ul	99
16) Anthracene	17.078	178	31788	0.445	ng/ul	99
19) Fluoranthene	19.000	202	362430	4.018	ng/ul	99
20) Pyrene	19.366	202	289766	3.124	ng/ul	99
21) Benzo(a)anthracene	21.106	228	160433	2.251	ng/ul	99
22) Chrysene	21.157	228	152551	1.946	ng/ul	98
24) Benzo(b)fluoranthene	22.624	252	174024m	2.597	ng/ul	
25) Benzo(k)fluoranthene	22.658	252	68577m	1.028	ng/ul	
26) Benzo(a)pyrene	23.165	252	106116m	1.889	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.355	276	57644	0.840	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.355	278	15677	0.289	ng/ul	97
29) Benzo(g,h,i)perylene	26.002	276	44926	0.751	ng/ul	99

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