Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032553.D
Acq On : 16 Oct 2021 08:23
Operator : CG/JU
Sample : M4029-18DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 18 05:28:13 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 :
C00S9DL

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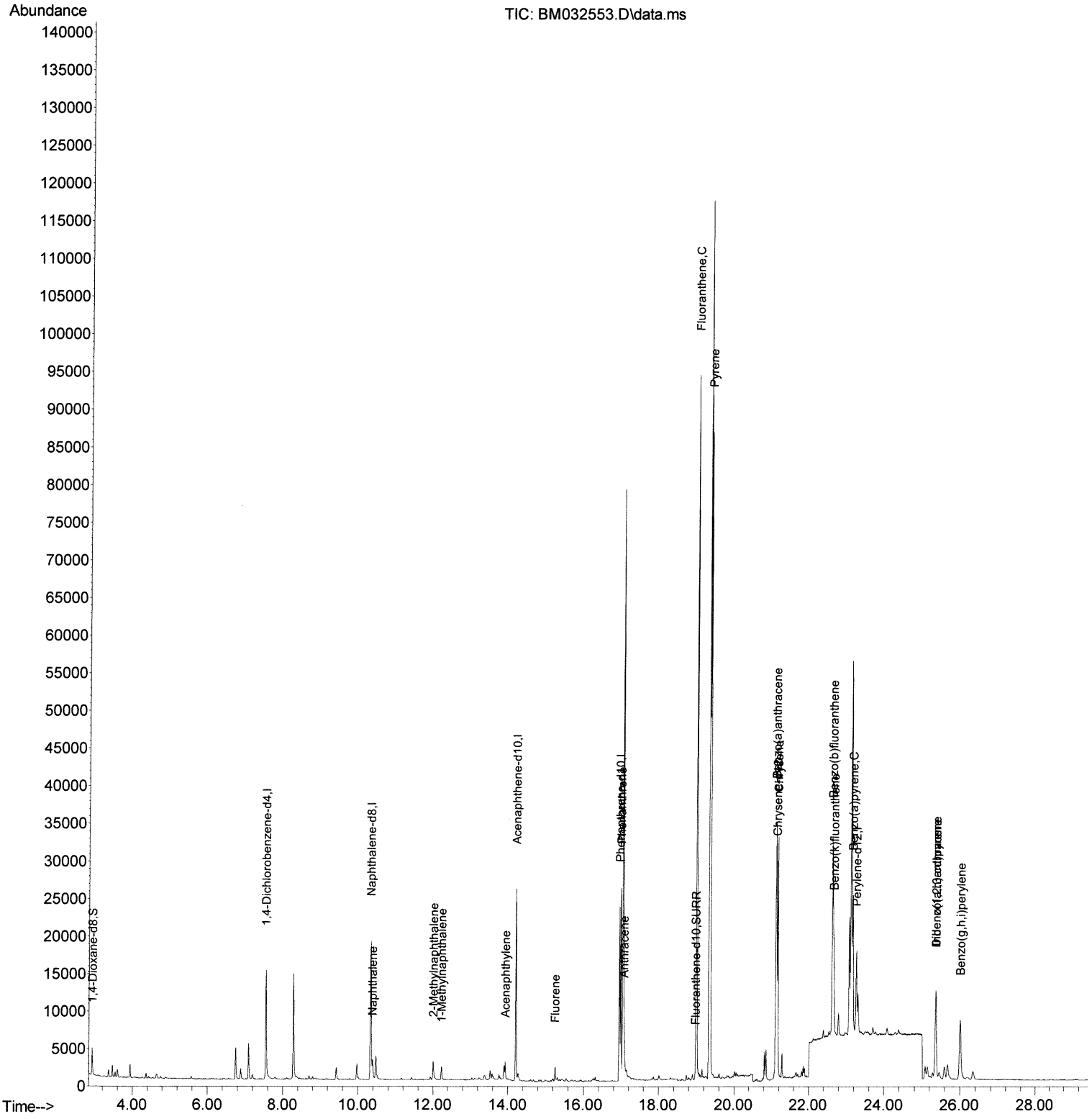

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032553.D
Acq On : 16 Oct 2021 08:23
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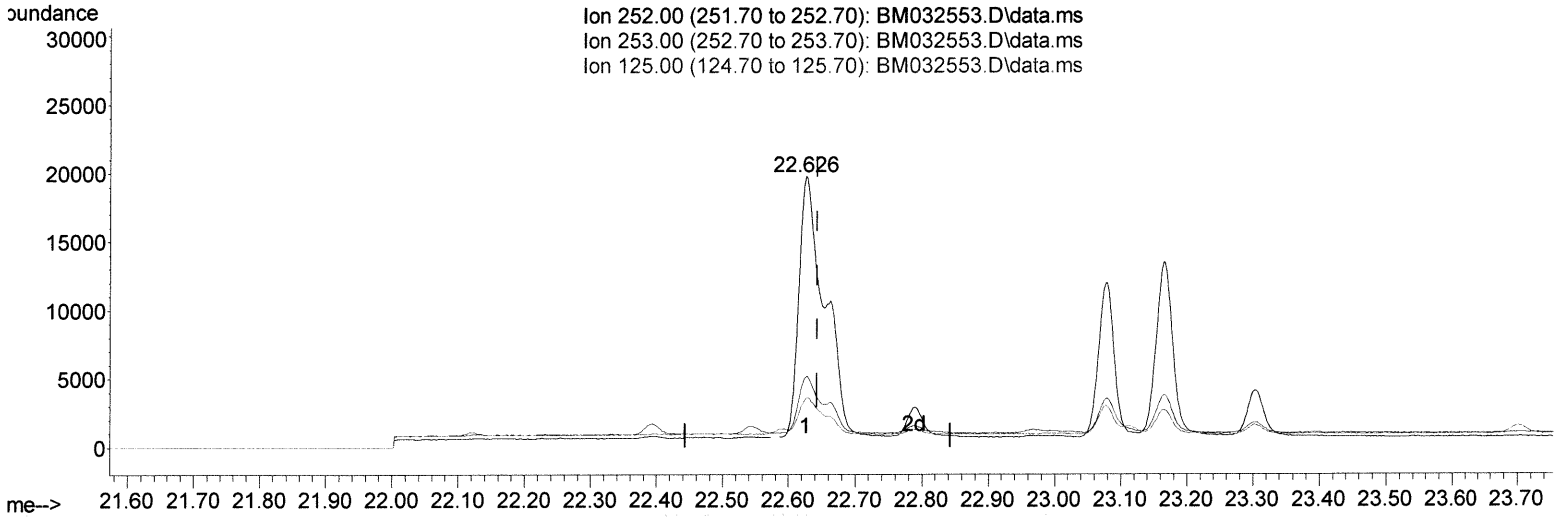

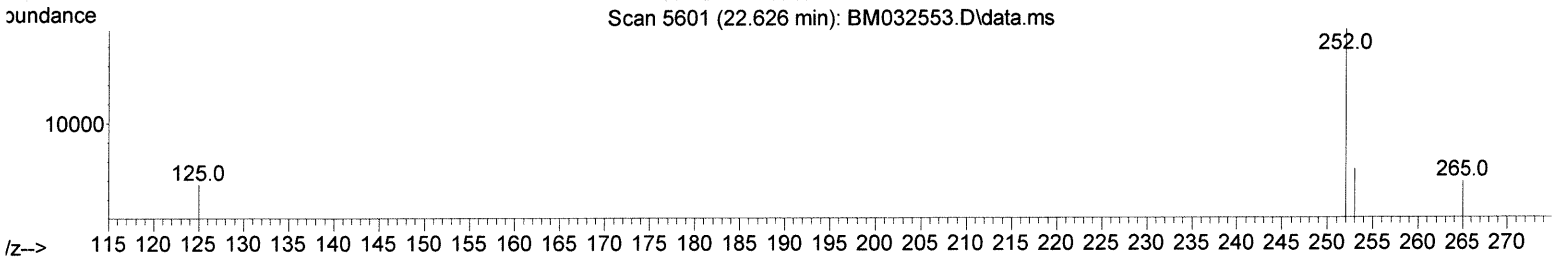

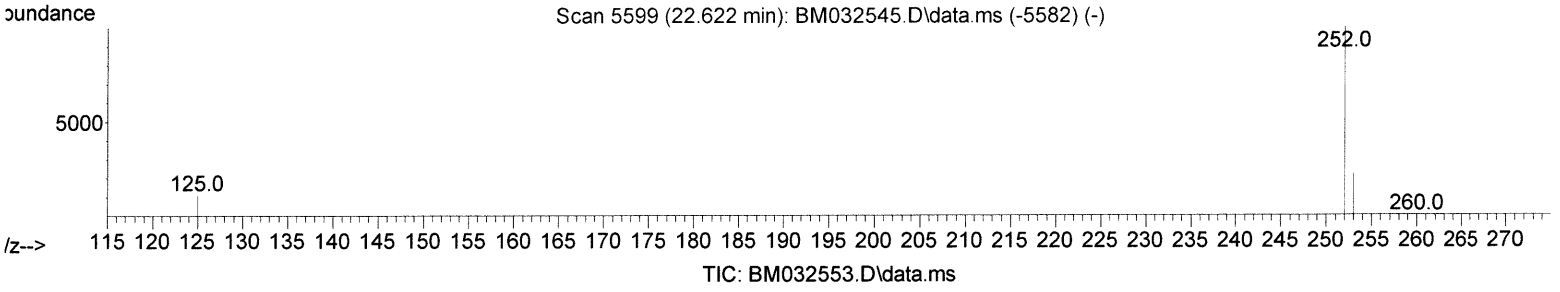

TIC: BM032553.D\data.ms

(24) Benzo(b)fluoranthene

22.626min (-0.017) 0.88 ng/ul

response 51975

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	26.12
125.00	17.80	18.24
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
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Manual Integrations APPROVED
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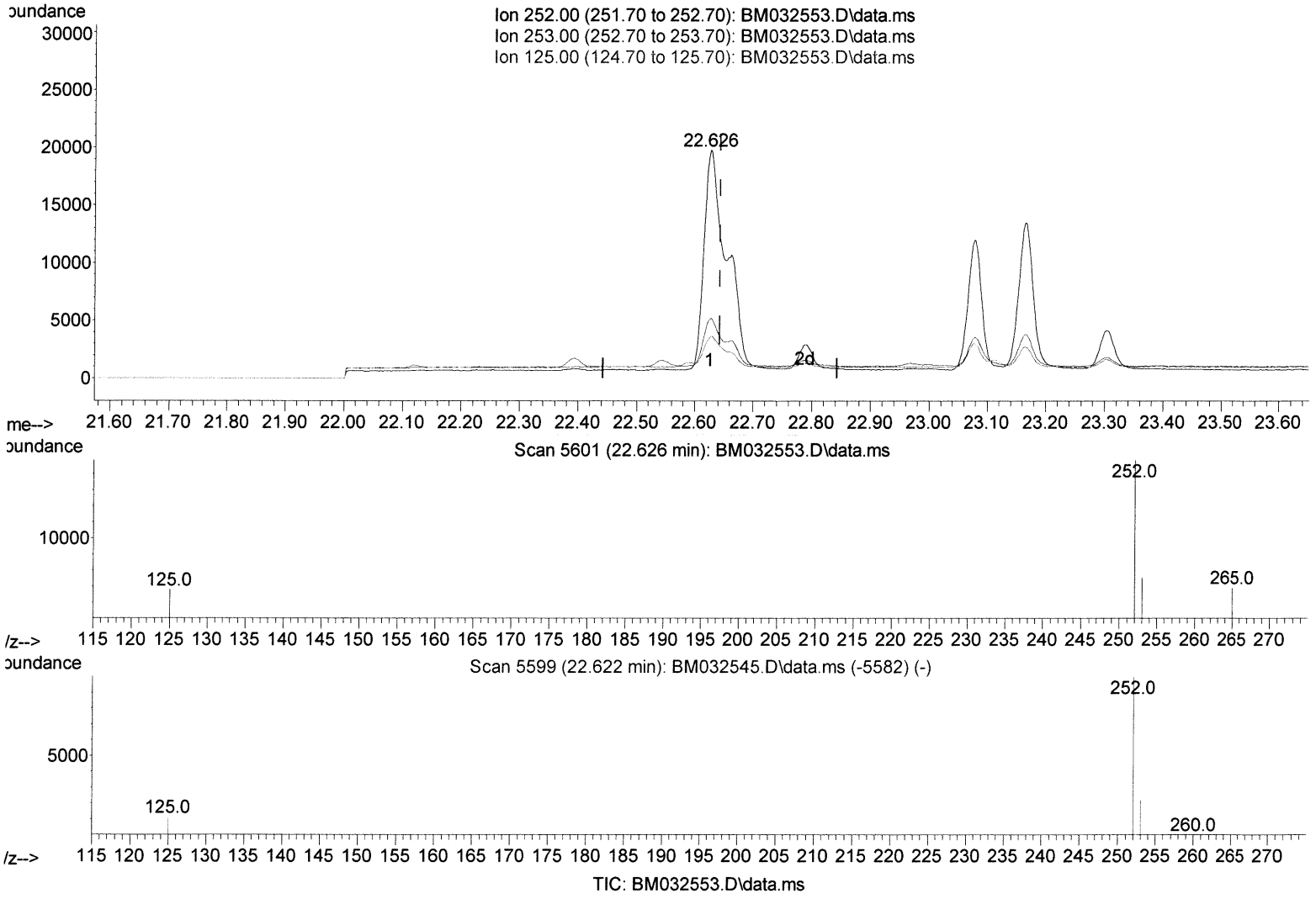


(24) Benzo(b)fluoranthene

22.626min (-0.017) 0.65 ng/ul m JU 10/19/21

response 38158

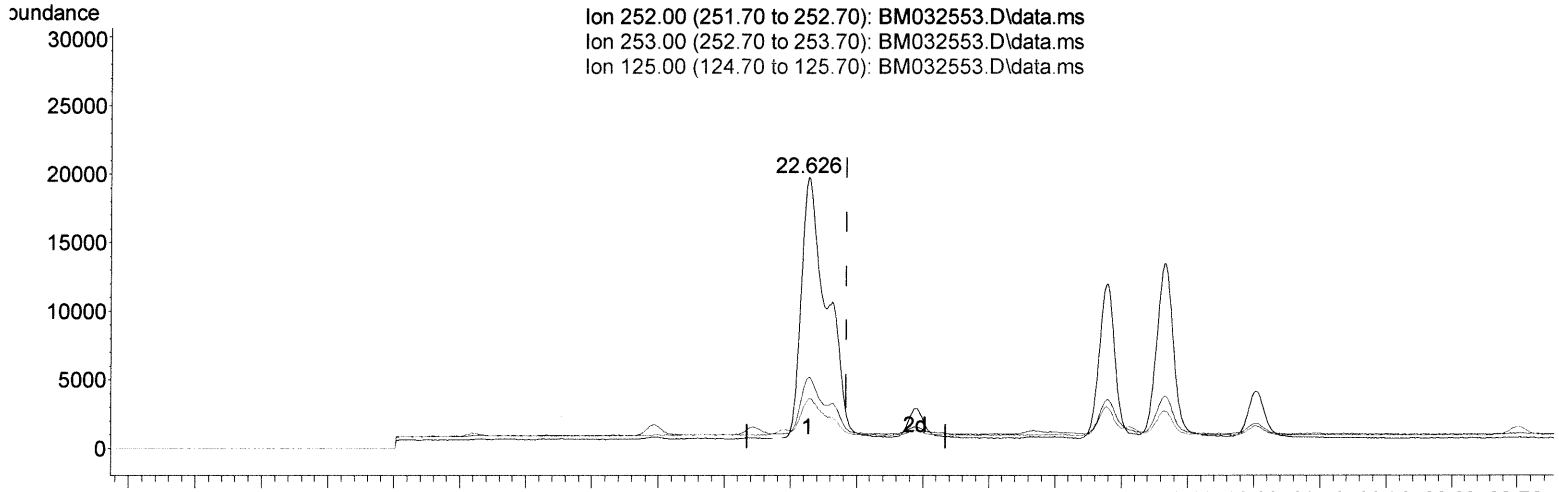
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	26.12
125.00	17.80	18.24
0.00	0.00	0.00

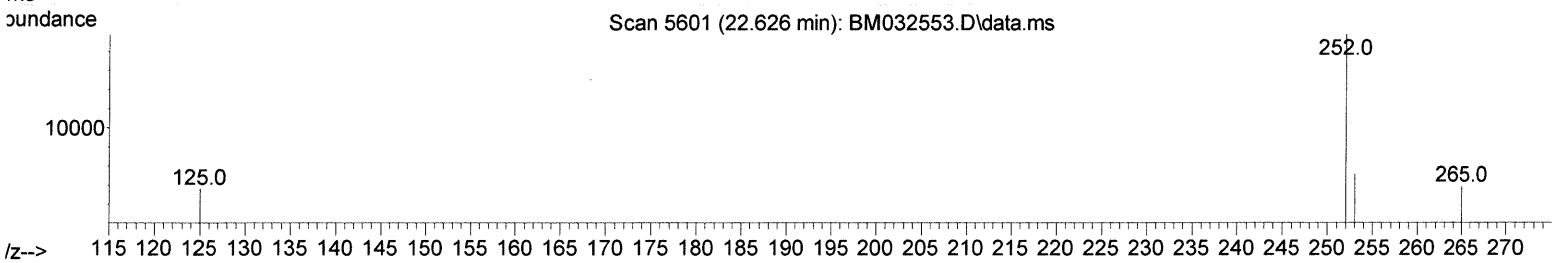
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032553.D
Acq On : 16 Oct 2021 08:23
Operator : CG/JU
Sample : M4029-18DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

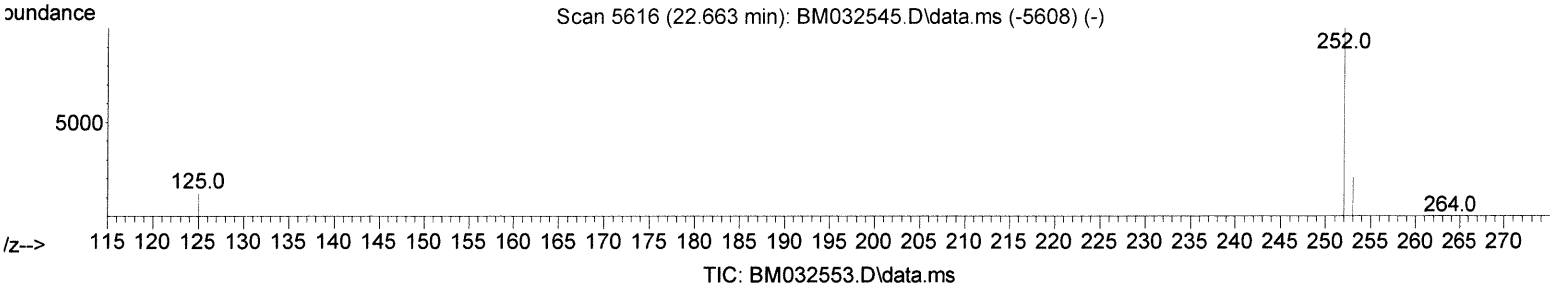
Quant Time: Oct 18 05:28:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00S9DL

Manual Integrations APPROVED
mohammad
10/19/2021 12:08:03 PM







(25) Benzo(k)fluoranthene

22.626min (-0.058) 0.88 ng/ul

response 51975

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	26.12
125.00	18.00	18.24
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032553.D
Acq On : 16 Oct 2021 08:23
Operator : CG/JU
Sample : M4029-18DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 18 05:28:13 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 :
C00S9DL

Manual Integrations APPROVED
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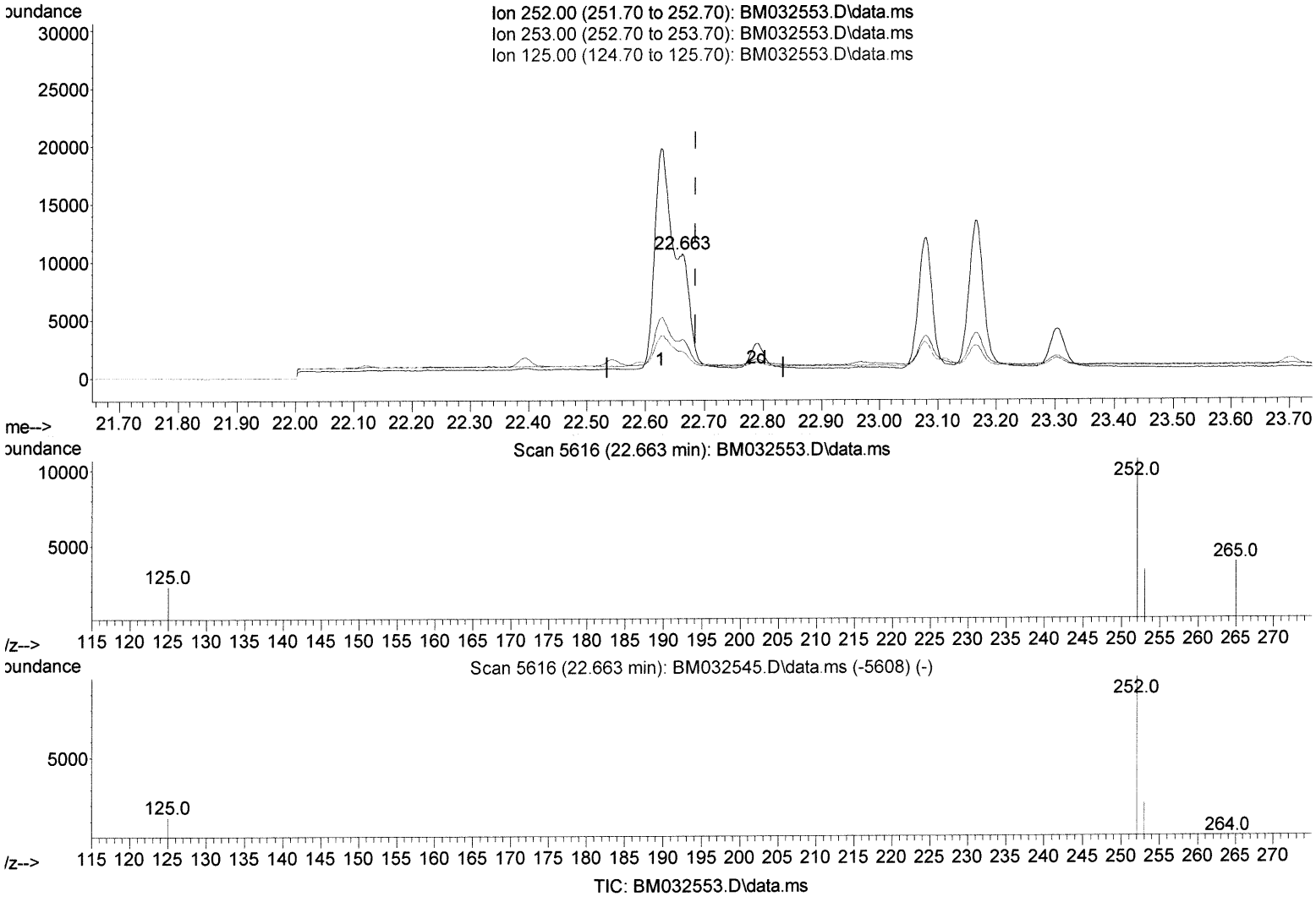

(25) Benzo(k)fluoranthene

22.663min (-0.022) 0.24 ng/ul m

response 14033

JU 10/19/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	30.73
125.00	18.00	21.08
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032553.D
Acq On : 16 Oct 2021 08:23
Operator : CG/JU
Sample : M4029-18DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Oct 18 05:28:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
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QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C00S9DL

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	8162	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	26096	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	13414	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	26384	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	16810	0.400	ng/ul	0.00
23) Perylene-d12	23.261	264	12799	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	2361	0.258	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	612	0.018	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	1165	0.022	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.388	128	3182	0.040	ng/ul#	92
7) 2-Methylnaphthalene	12.012	142	2120	0.041	ng/ul	99
8) 1-Methylnaphthalene	12.232	142	1271	0.025	ng/ul	99
10) Acenaphthylene	13.928	152	2704	0.047	ng/ul	97
12) Fluorene	15.259	166	1225	0.021	ng/ul#	95
15) Phenanthrene	16.988	178	27023	0.305	ng/ul	99
16) Anthracene	17.074	178	4052	0.052	ng/ul	96
19) Fluoranthene	19.000	202	77704	0.934	ng/ul	100
20) Pyrene	19.362	202	66811	0.781	ng/ul	100
21) Benzo(a)anthracene	21.108	228	25049	0.381	ng/ul	98
22) Chrysene	21.159	228	32195	0.445	ng/ul	98
24) Benzo(b)fluoranthene	22.626	252	38158m	0.645	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	14033m	0.238	ng/ul	
26) Benzo(a)pyrene	23.164	252	21972	0.443	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.359	276	17678	0.292	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.362	278	3926	0.082	ng/ul#	76
29) Benzo(g,h,i)perylene	26.001	276	15147	0.287	ng/ul	98

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