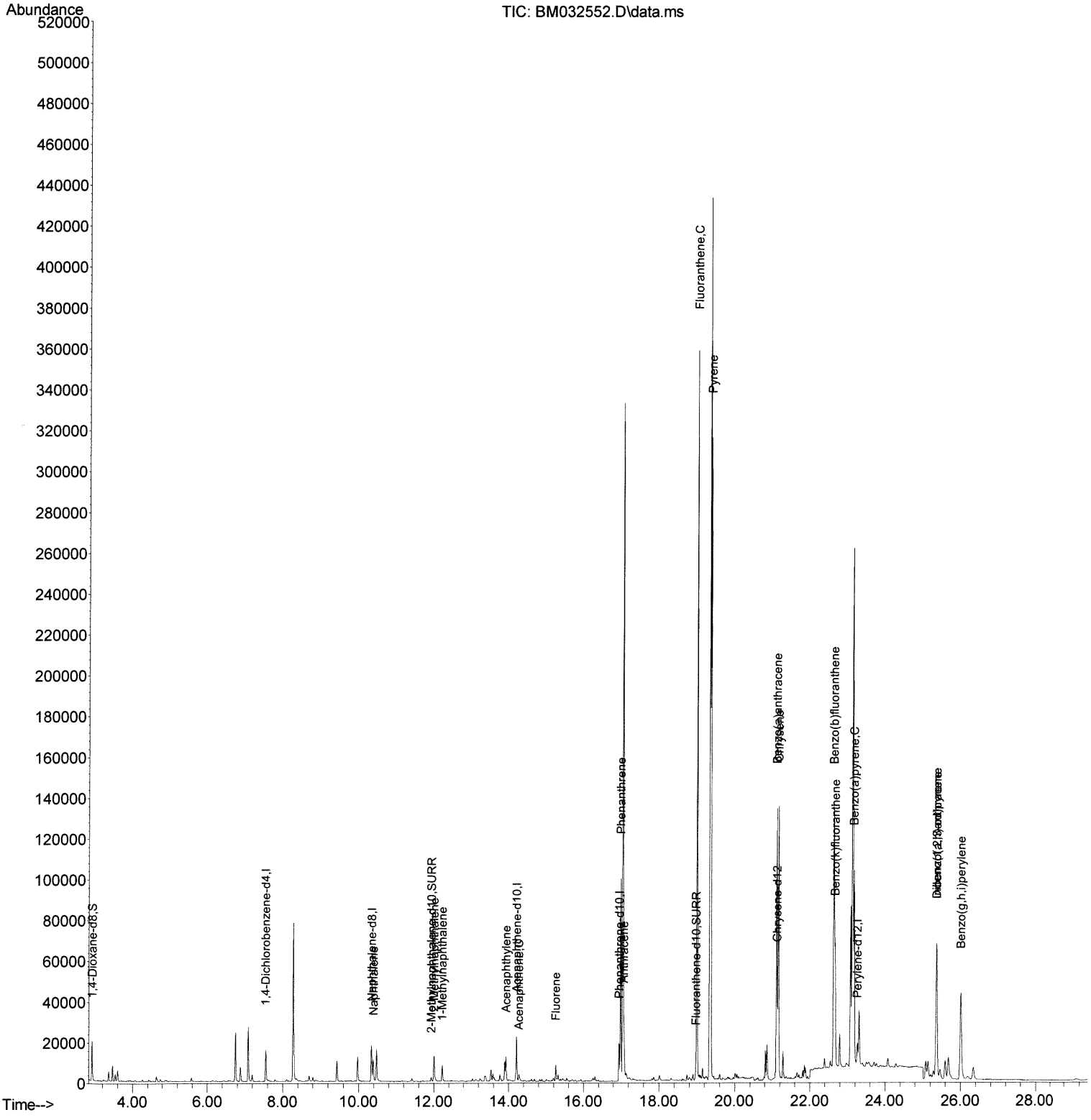
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032552.D
Acq On : 16 Oct 2021 07:47
Operator : CG/JU
Sample : M4029-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 18 05:28:05 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 :
C00S9

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:44 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032552.D
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Manual Integrations APPROVED
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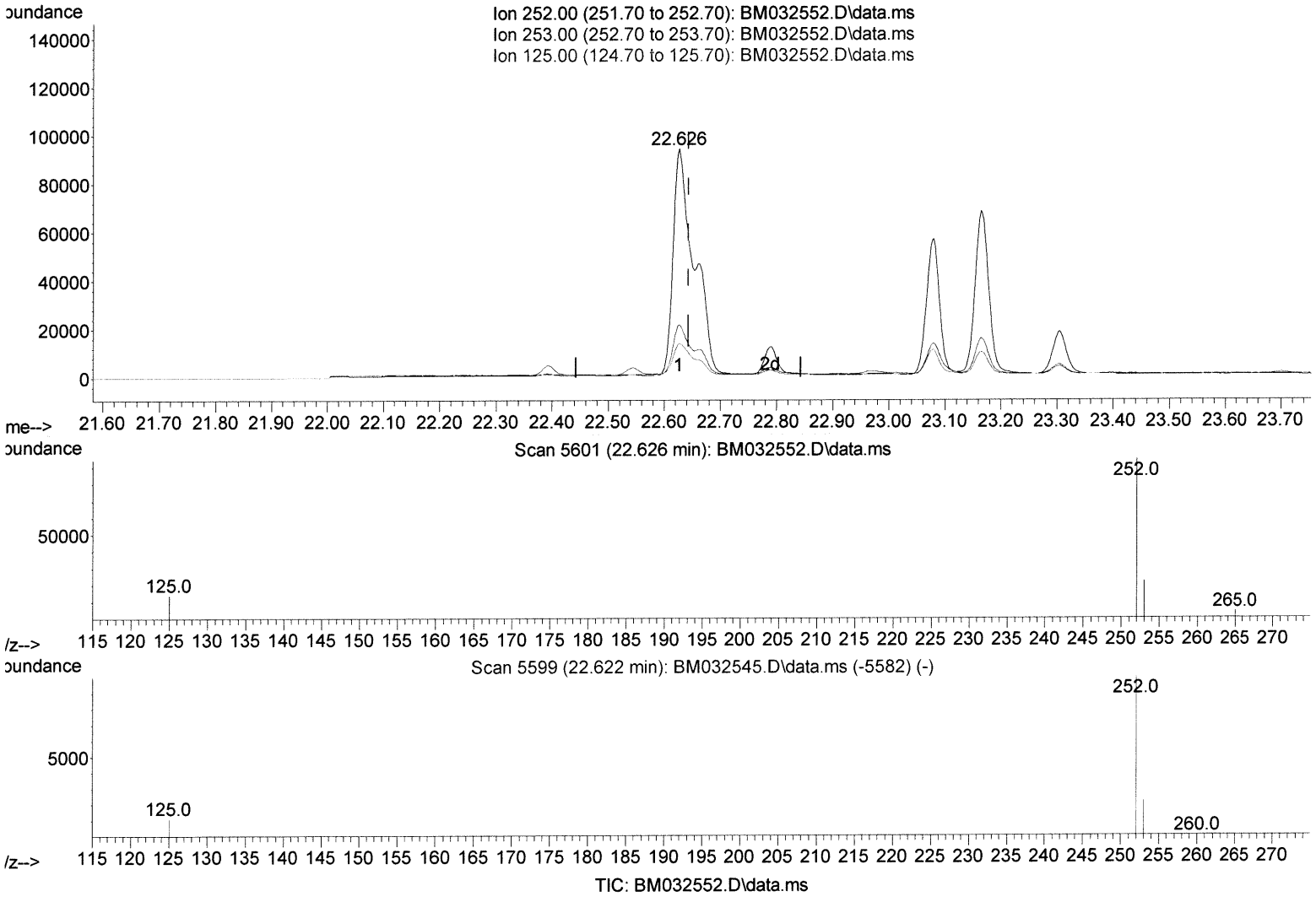

(24) Benzo(b)fluoranthene

22.626min (-0.017) 4.26 ng/ul

response 247607

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	23.08
125.00	17.80	14.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032552.D
Acq On : 16 Oct 2021 07:47
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Quant Time: Oct 18 05:28:05 2021
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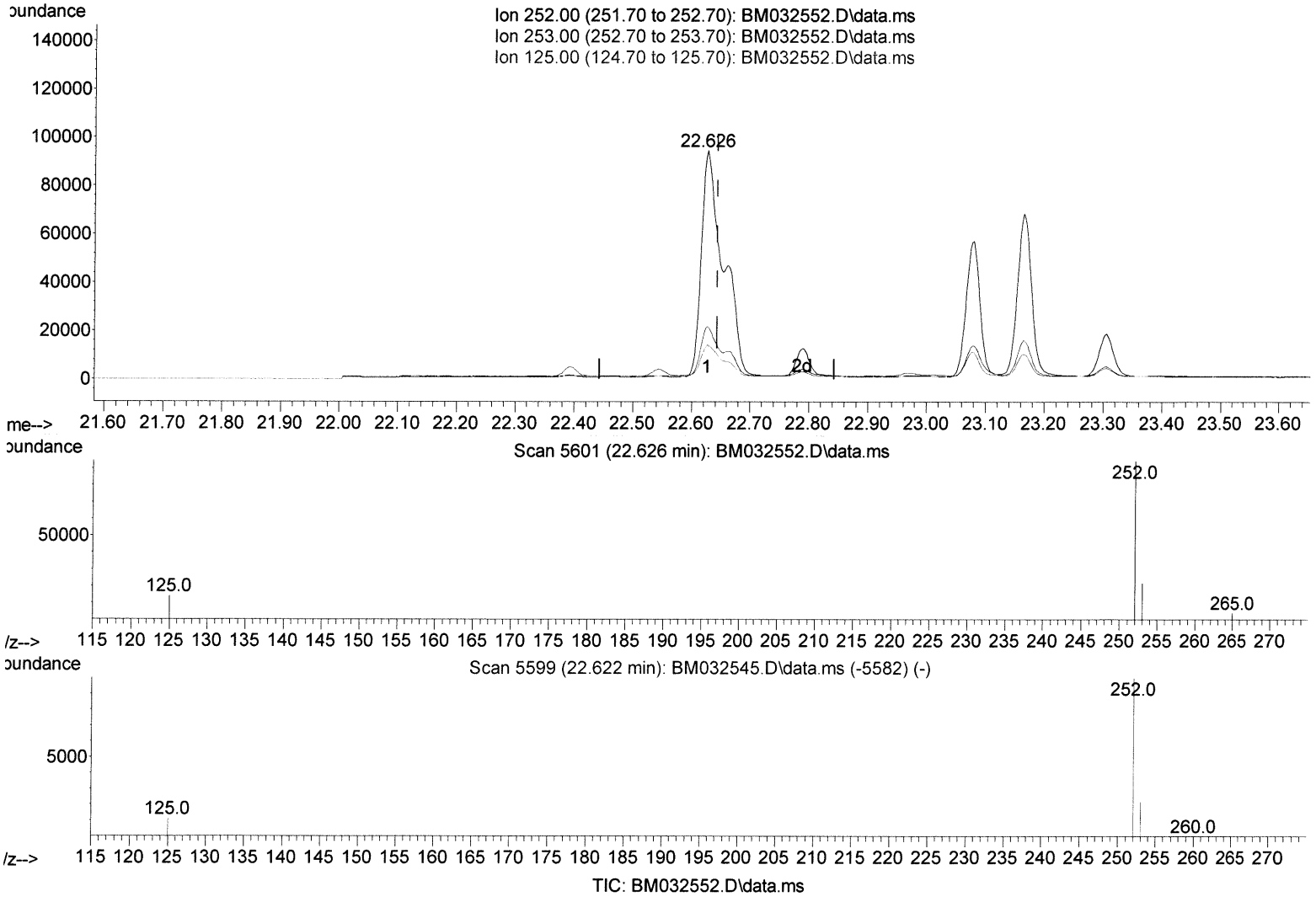
BNA_M
ClientSampleId :
C00S9

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:44 PM



(24) Benzo(b)fluoranthene

22.626min (-0.017) 3.11 ng/ul m

response 180919

JU 10/19/21

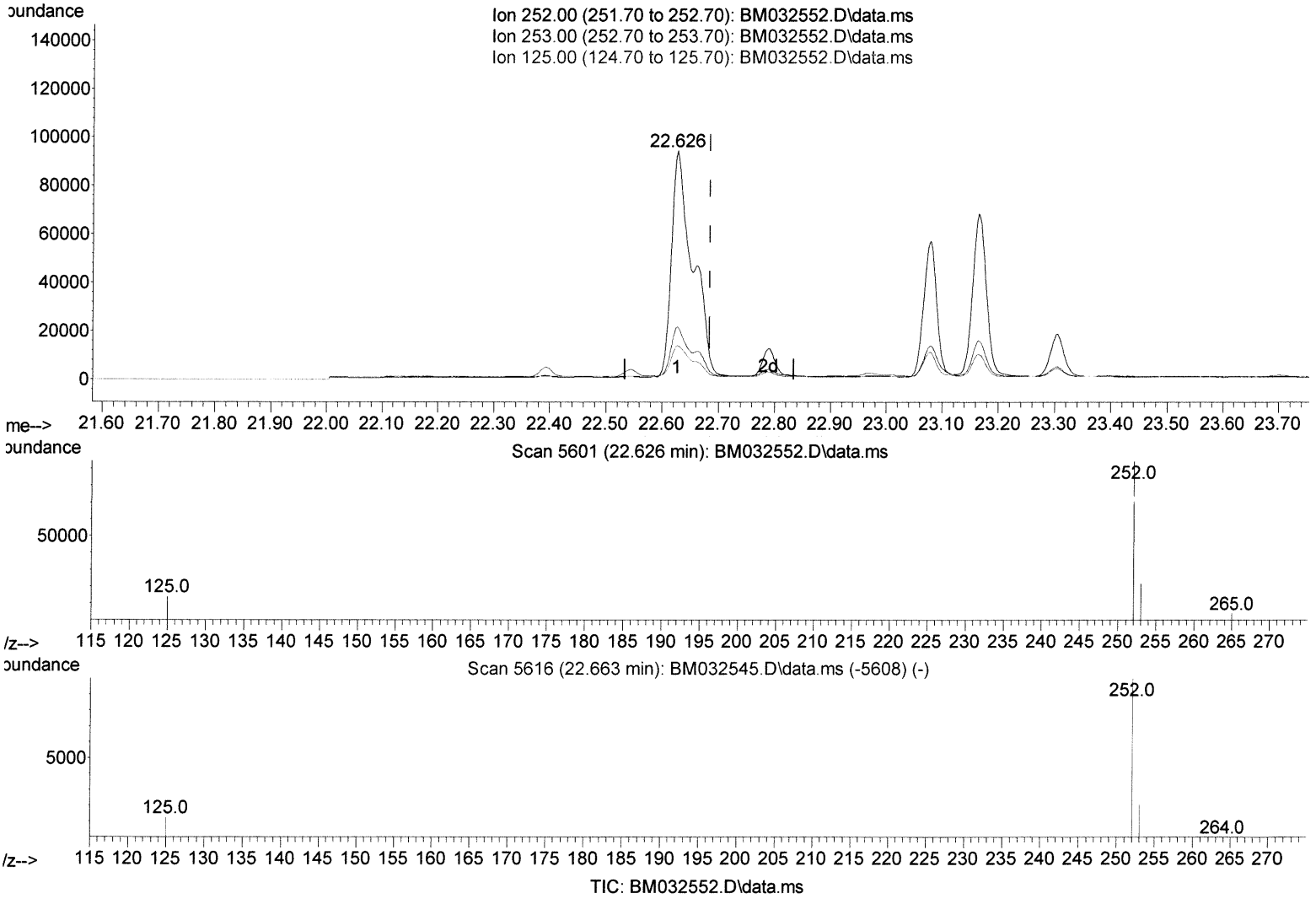
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	23.08
125.00	17.80	14.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032552.D
Acq On : 16 Oct 2021 07:47
Operator : CG/JU
Sample : M4029-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 18 05:28:05 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 :
C00S9

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:44 PM



(25) Benzo(k)fluoranthene

22.626min (-0.058) 4.27 ng/ul

response 247607

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	23.08
125.00	18.00	14.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032552.D
Acq On : 16 Oct 2021 07:47
Operator : CG/JU
Sample : M4029-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 18 05:28:05 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
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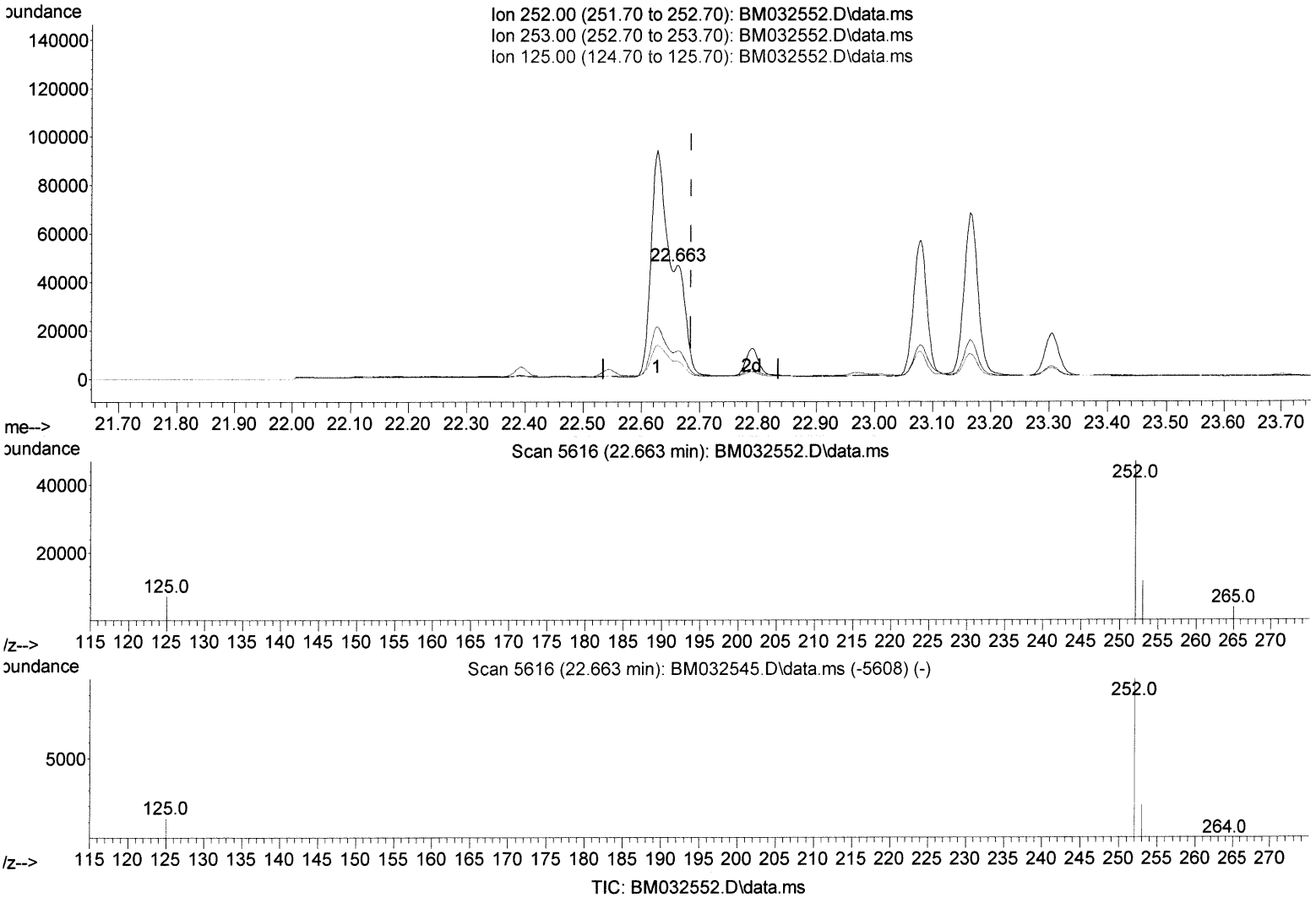
Instrument :
BNA_M
ClientSampleId :
C00S9

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:44 PM



(25) Benzo(k)fluoranthene

22.663min (-0.022) 1.13 ng/ul m

response 65351

JU 10/19/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	24.58
125.00	18.00	15.25
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032552.D
Acq On : 16 Oct 2021 07:47
Operator : CG/JU
Sample : M4029-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 18 05:28:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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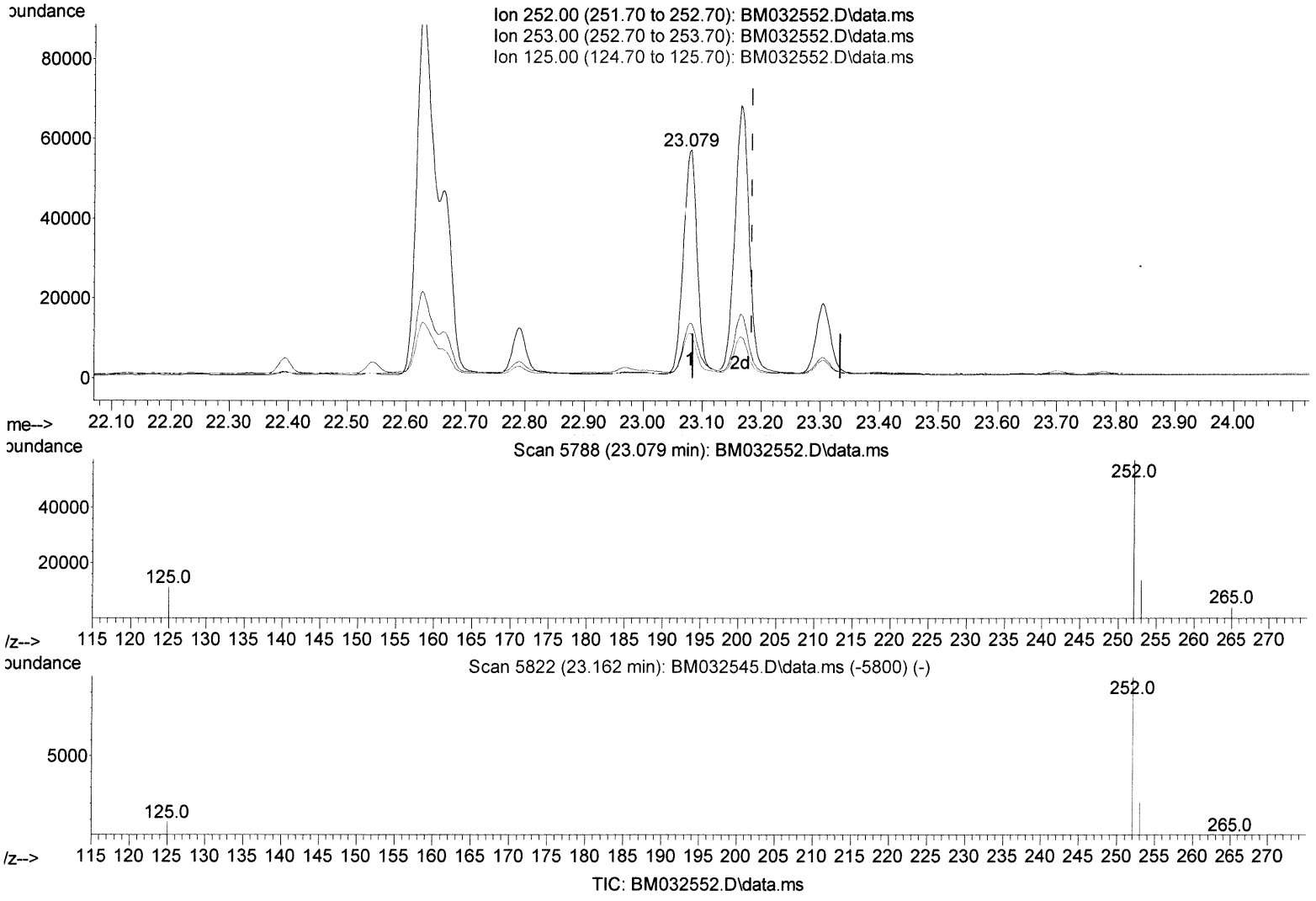
Instrument :
BNA_M
ClientSampleId :
C00S9

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:44 PM



(26) Benzo(a)pyrene (C)

23.079min (-0.104) 1.35 ng/ul

response 65643

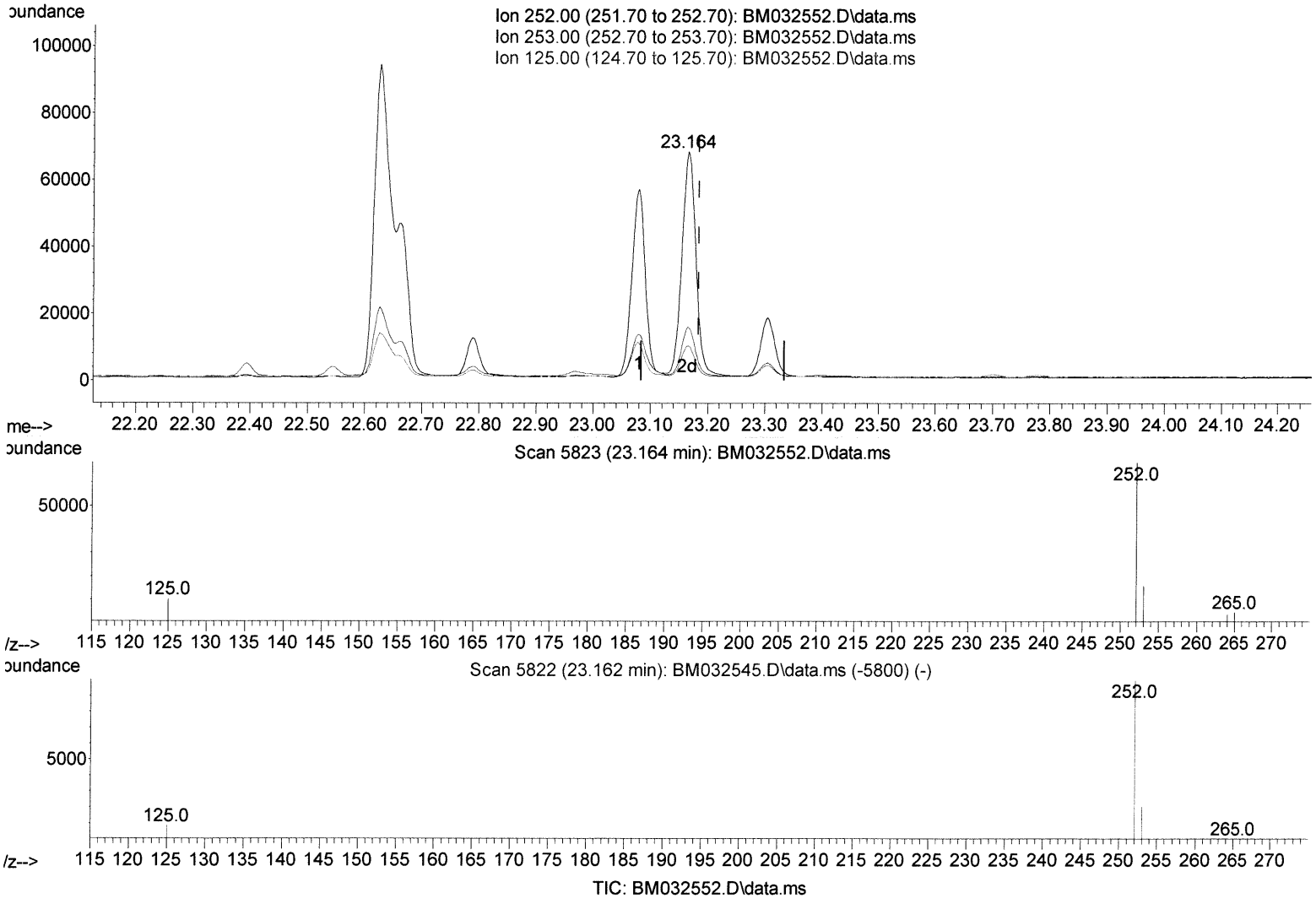
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.50	24.30
125.00	21.40	19.63
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032552.D
Acq On : 16 Oct 2021 07:47
Operator : CG/JU
Sample : M4029-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 18 05:28:05 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 :
C00S9

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:44 PM



(26) Benzo(a)pyrene (C)

23.164min (-0.019) 2.37 ng/ul m

response 115464

JU 10/19/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.50	23.50#
125.00	21.40	15.21#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032552.D
Acq On : 16 Oct 2021 07:47
Operator : CG/JU
Sample : M4029-18
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00S9

Manual Integrations APPROVED
mohammad
10/19/2021 12:07:44 PM

Quant Time: Oct 18 05:28:05 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	7945	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	24374	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	11393	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	20069	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	13481	0.400	ng/ul	-0.01
23) Perylene-d12	23.259	264	12590	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	11440	1.285	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	2777	0.085	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	4381	0.103	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.388	128	14951	0.202	ng/ul	99
7) 2-Methylnaphthalene	12.008	142	9656	0.200	ng/ul	99
8) 1-Methylnaphthalene	12.232	142	5653	0.118	ng/ul	100
10) Acenaphthylene	13.928	152	13341	0.274	ng/ul	100
11) Acenaphthene	14.274	153	2180	0.049	ng/ul	97
12) Fluorene	15.259	166	5007	0.100	ng/ul#	98
15) Phenanthrene	16.988	178	102324	1.516	ng/ul	99
16) Anthracene	17.074	178	17617	0.297	ng/ul	100
19) Fluoranthene	19.004	202	285610	4.282	ng/ul	99
20) Pyrene	19.366	202	243549	3.551	ng/ul	98
21) Benzo(a)anthracene	21.108	228	104288	1.979	ng/ul	98
22) Chrysene	21.159	228	128397	2.215	ng/ul	98
24) Benzo(b)fluoranthene	22.626	252	180919m	3.110	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	65351m	1.128	ng/ul	
26) Benzo(a)pyrene	23.164	252	115464m	2.368	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.359	276	95851	1.608	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.357	278	21215	0.451	ng/ul	97
29) Benzo(g,h,i)perylene	26.006	276	79728	1.535	ng/ul	99

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