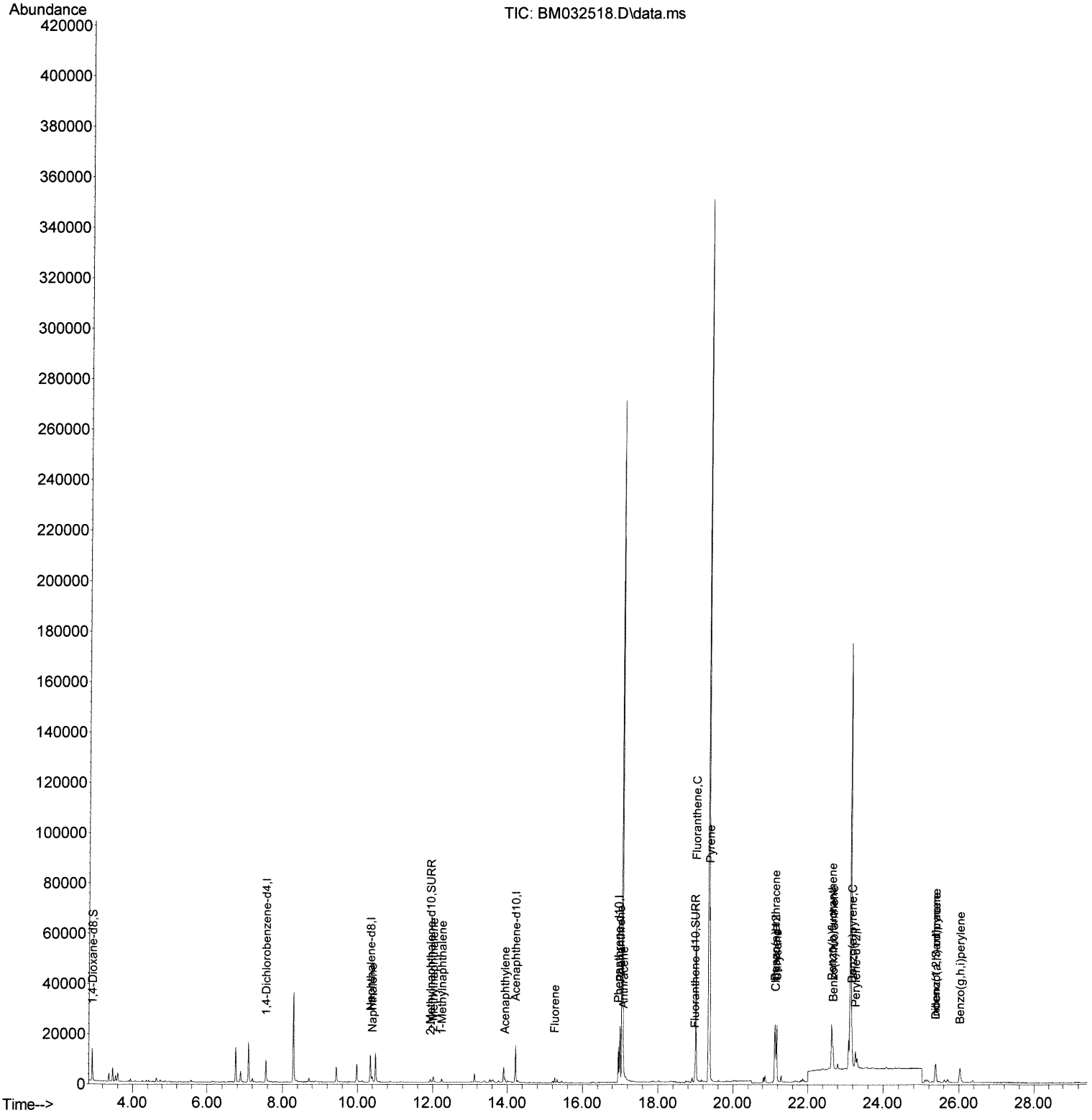
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032518.D
Acq On : 15 Oct 2021 10:27
Operator : CG/JU
Sample : M4030-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 12:41:41 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 :
C00U0

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:01 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032518.D
Acq On : 15 Oct 2021 10:27
Operator : CG/JU
Sample : M4030-05
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ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 12:41:41 2021
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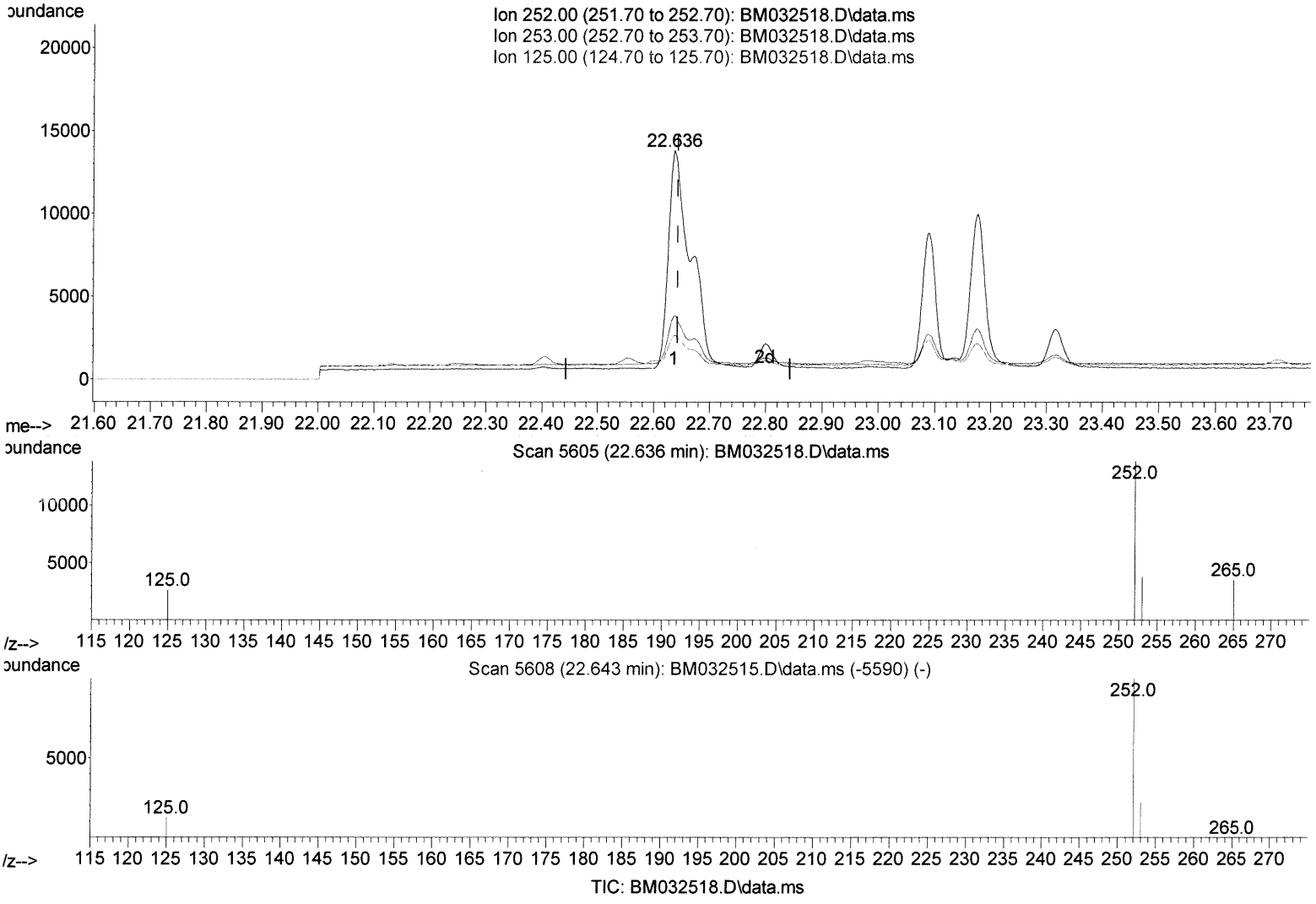
BNA_M
ClientSampleId :
C00U0

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:01 PM



(24) Benzo(b)fluoranthene

22.636min (-0.007) 0.99 ng/ul

response 36831

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	27.66
125.00	17.80	19.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032518.D
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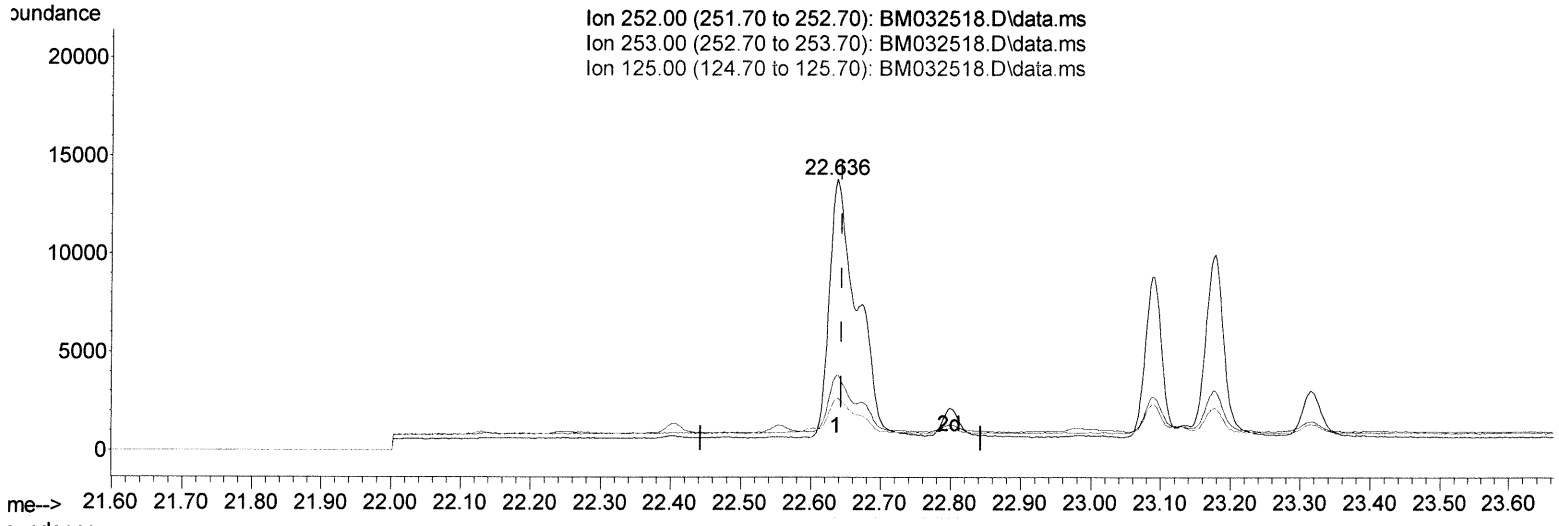
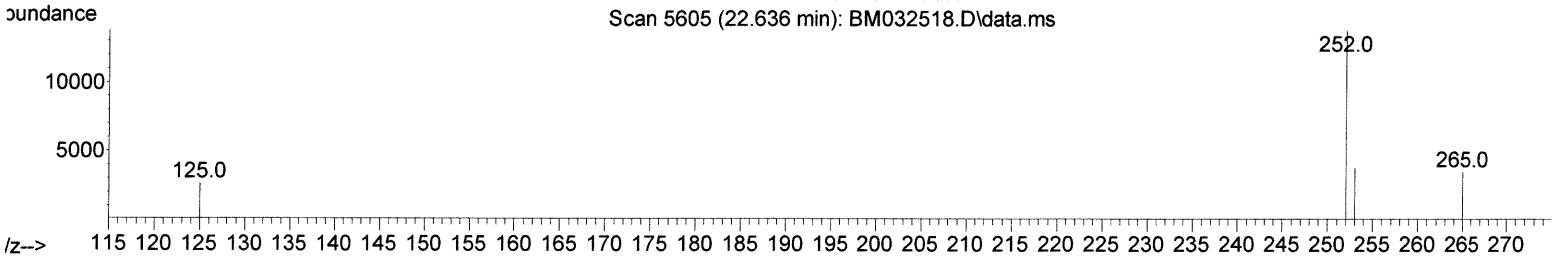
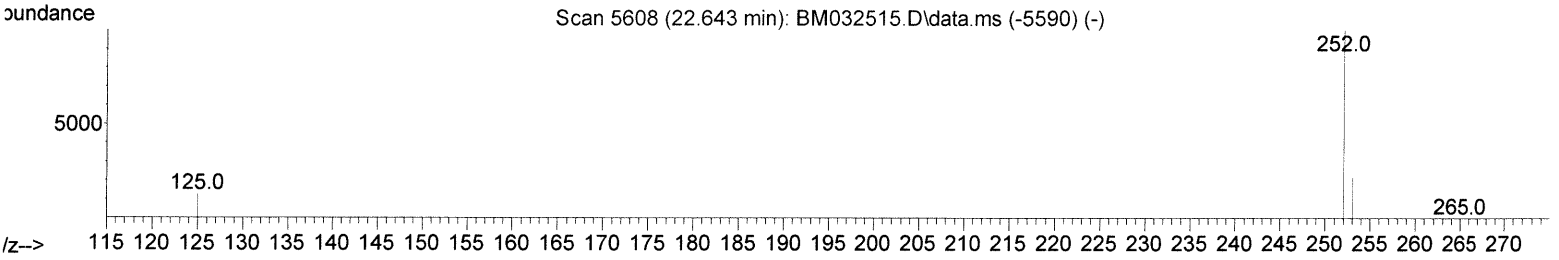
Manual Integrations APPROVED
mohammad
10/18/2021 12:41:01 PM







TIC: BM032518.D\data.ms

(24) Benzo(b)fluoranthene

22.636min (-0.007) 0.76 ng/ul m

response 28549

JU 10/19/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	27.66
125.00	17.80	19.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032518.D
Acq On : 15 Oct 2021 10:27
Operator : CG/JU
Sample : M4030-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 12:41:41 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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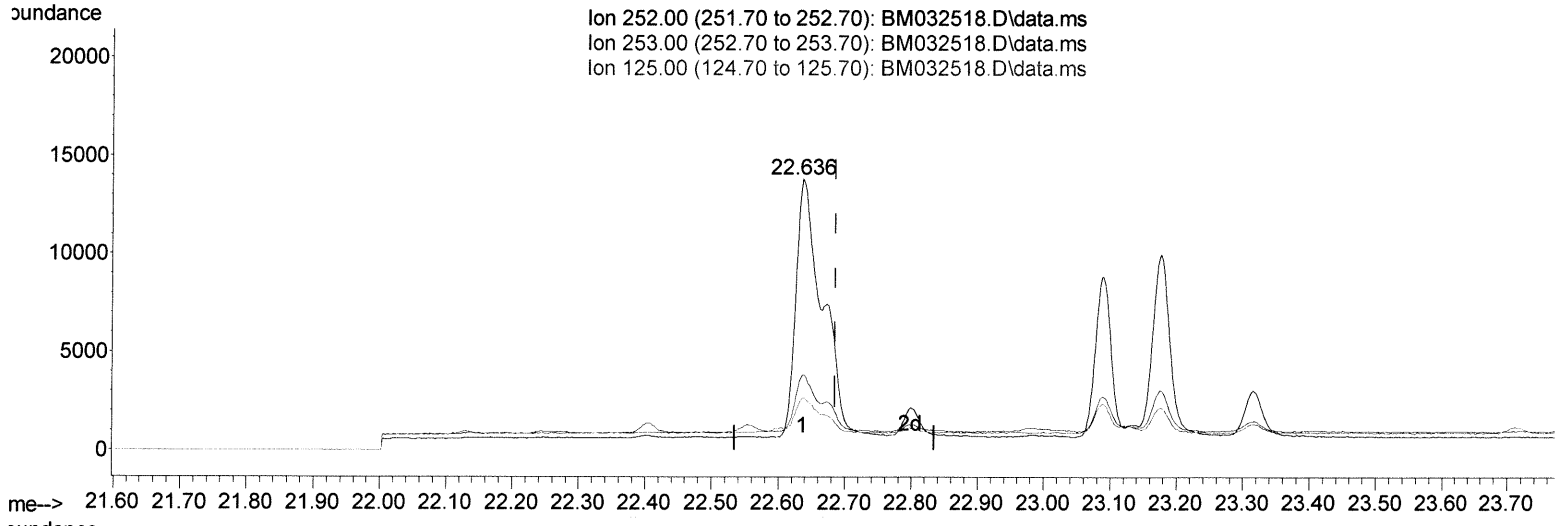
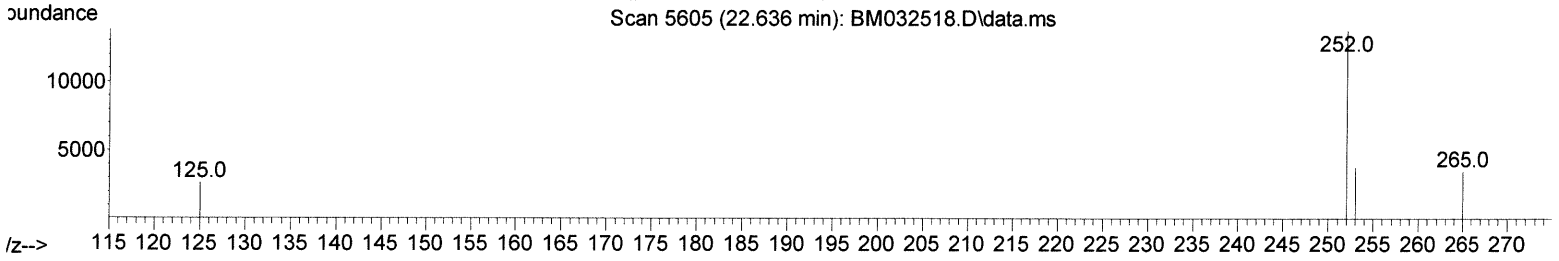
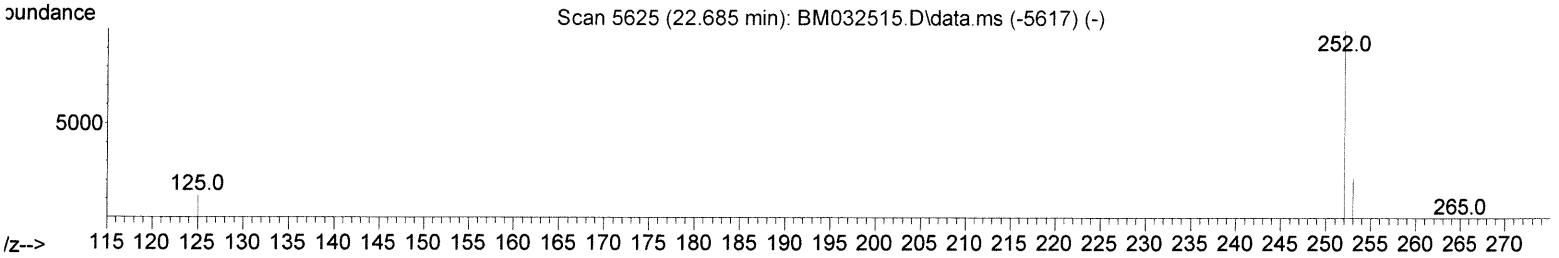
Instrument :
BNA_M
ClientSampleId :
C00U0

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:01 PM







TIC: BM032518.D\data.ms

(25) Benzo(k)fluoranthene

22.636min (-0.048) 0.99 ng/ul

response 36831

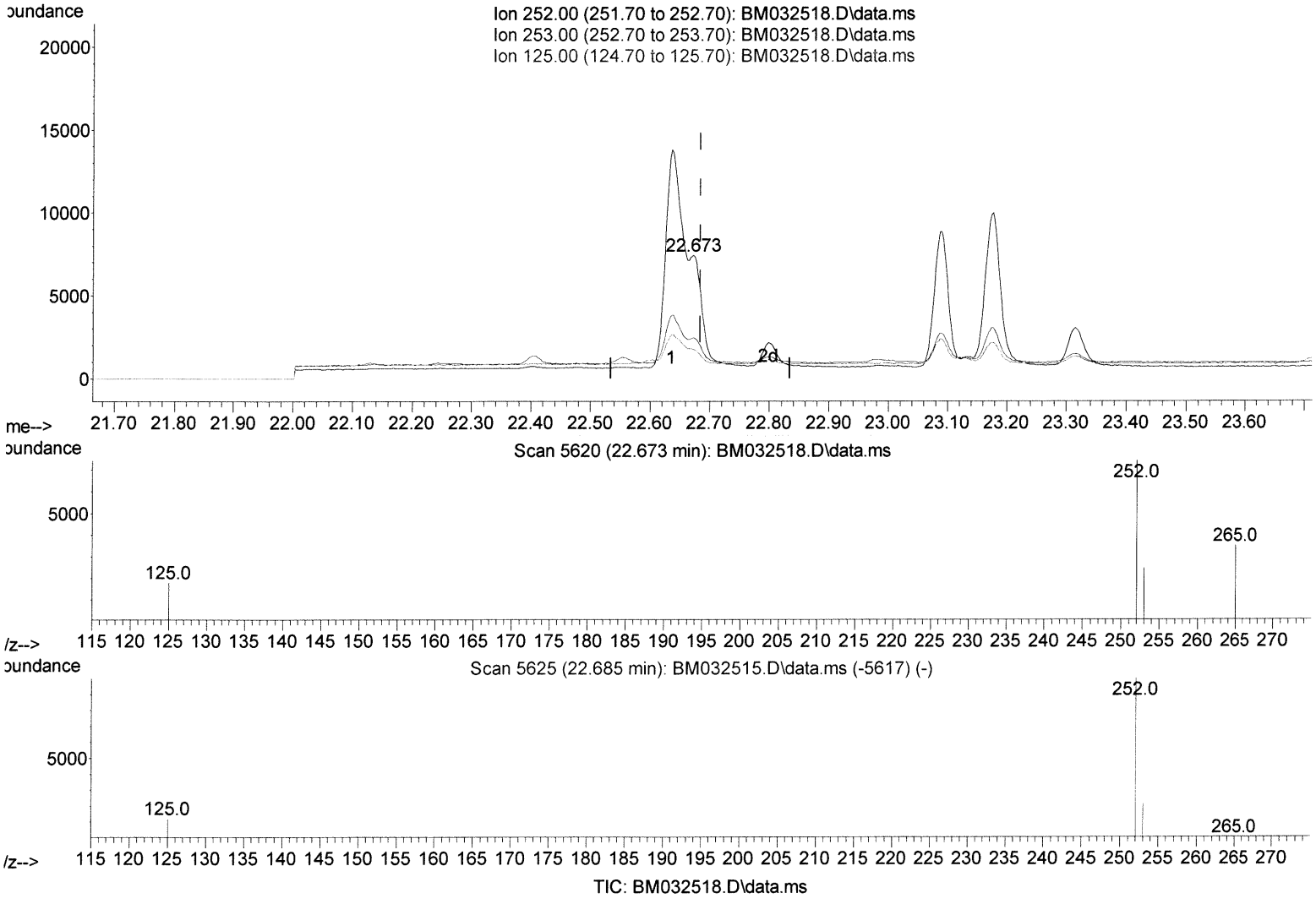
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	27.66
125.00	18.00	19.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032518.D
Acq On : 15 Oct 2021 10:27
Operator : CG/JU
Sample : M4030-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 12:41:41 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 :
C00U0

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:01 PM



(25) Benzo(k)fluoranthene

22.673min (-0.012) 0.25 ng/ul m

response 9246

JU 10/19/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	32.96#
125.00	18.00	24.08#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032518.D
Acq On : 15 Oct 2021 10:27
Operator : CG/JU
Sample : M4030-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00U0

Manual Integrations APPROVED
mohammad
10/18/2021 12:41:01 PM

Quant Time: Oct 15 12:41:41 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	7.556	152	4870	0.400	ng/ul	0.00
4) Naphthalene-d8	10.344	136	15284	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.217	164	8030	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	15771	0.400	ng/ul	0.00
17) Chrysene-d12	21.130	240	10461	0.400	ng/ul	0.00
23) Perylene-d12	23.271	264	8091	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	7740	1.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	1739	0.085	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	3658	0.111	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.393	128	2619	0.056	ng/ul#	92
7) 2-Methylnaphthalene	12.017	142	1904	0.063	ng/ul	100
8) 1-Methylnaphthalene	12.237	142	972	0.032	ng/ul	99
10) Acenaphthylene	13.933	152	1857	0.054	ng/ul	92
12) Fluorene	15.263	166	1353	0.038	ng/ul#	97
15) Phenanthrene	16.991	178	23295	0.439	ng/ul	100
16) Anthracene	17.081	178	4009	0.086	ng/ul	96
19) Fluoranthene	19.008	202	58803	1.136	ng/ul	99
20) Pyrene	19.370	202	51942	0.976	ng/ul	99
21) Benzo(a)anthracene	21.116	228	18087	0.442	ng/ul	98
22) Chrysene	21.167	228	22771	0.506	ng/ul	98
24) Benzo(b)fluoranthene	22.636	252	28549m	0.764	ng/ul	
25) Benzo(k)fluoranthene	22.673	252	9246m	0.248	ng/ul	
26) Benzo(a)pyrene	23.176	252	16578	0.529	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.376	276	11528	0.301	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.376	278	2555	0.085	ng/ul#	64
29) Benzo(g,h,i)perylene	26.021	276	10928	0.327	ng/ul	97

JU 10/19/21

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