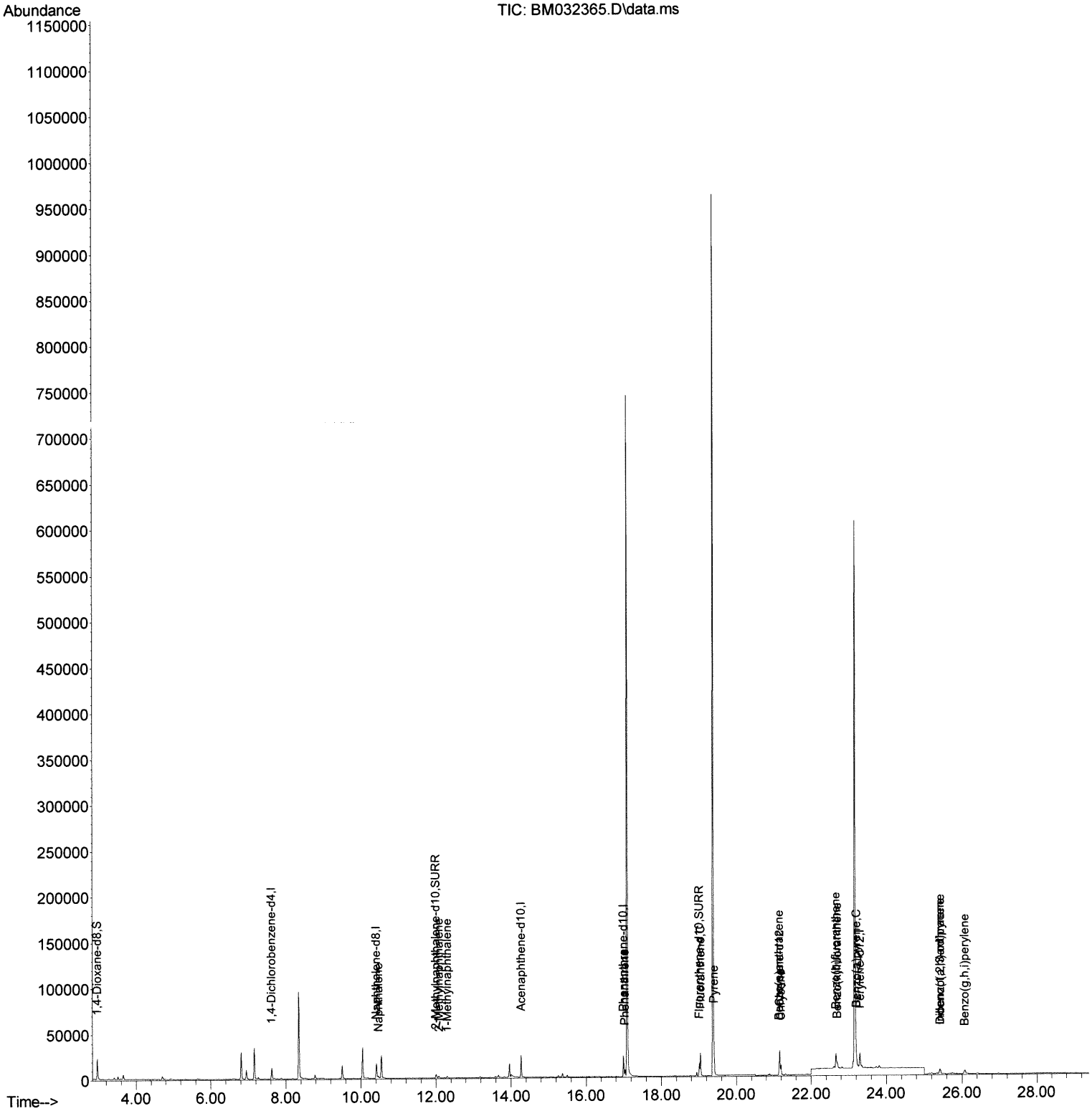
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032365.D
Acq On : 07 Oct 2021 20:20
Operator : CG/JU
Sample : M3879-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 08 04:16:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW406

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:48 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
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mohammad
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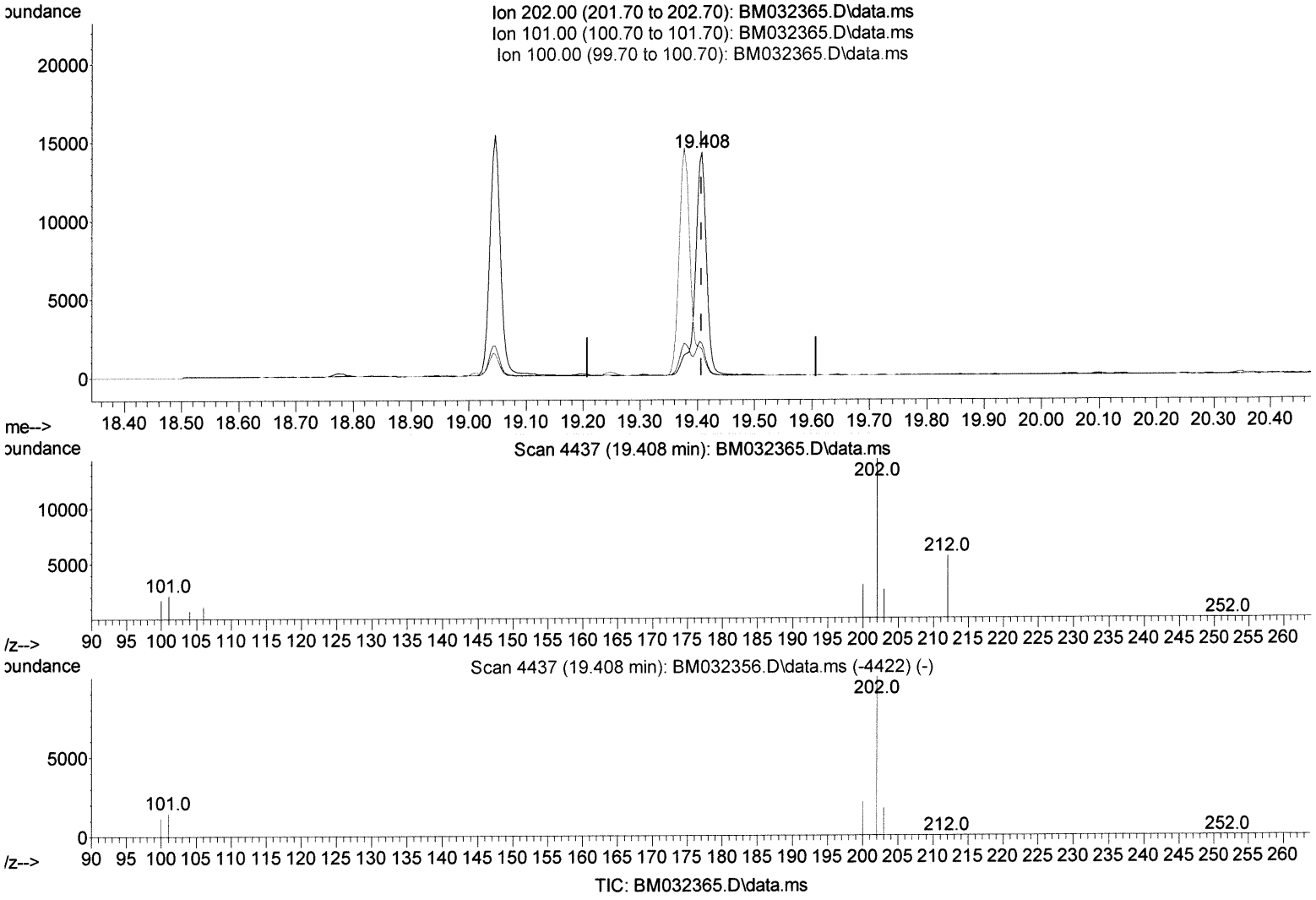

(20) Pyrene

19.408min (+ 0.000) 0.23 ng/ul

response 19761

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.10	15.08
100.00	12.20	12.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
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BNA_M
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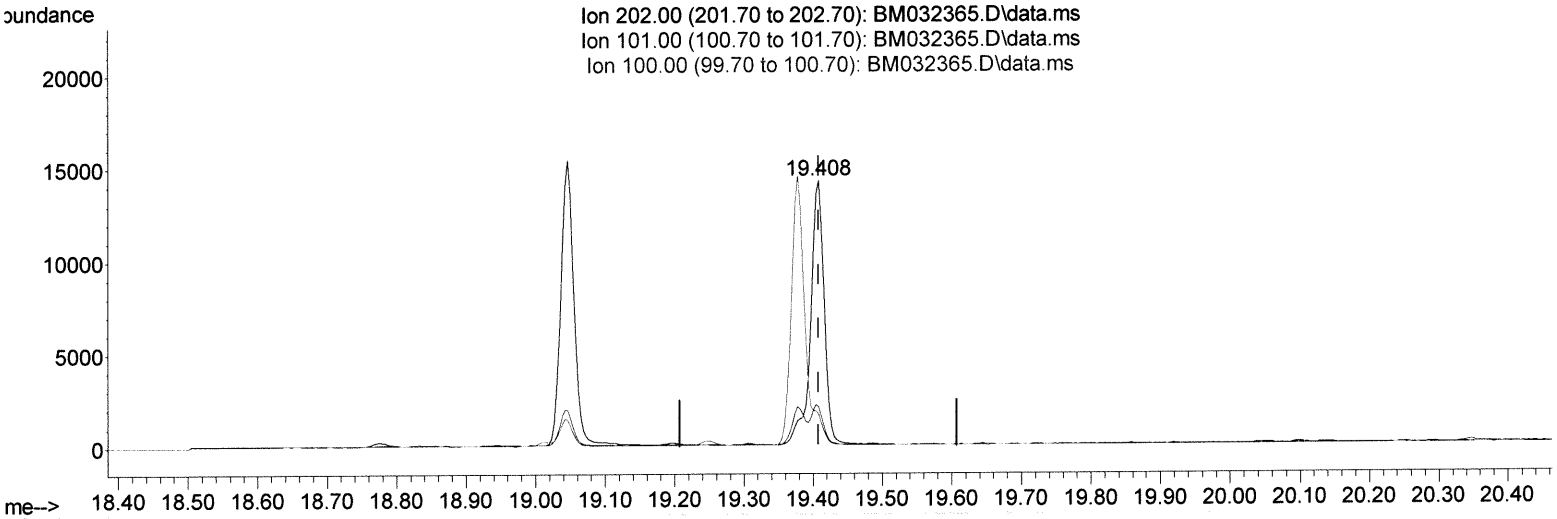
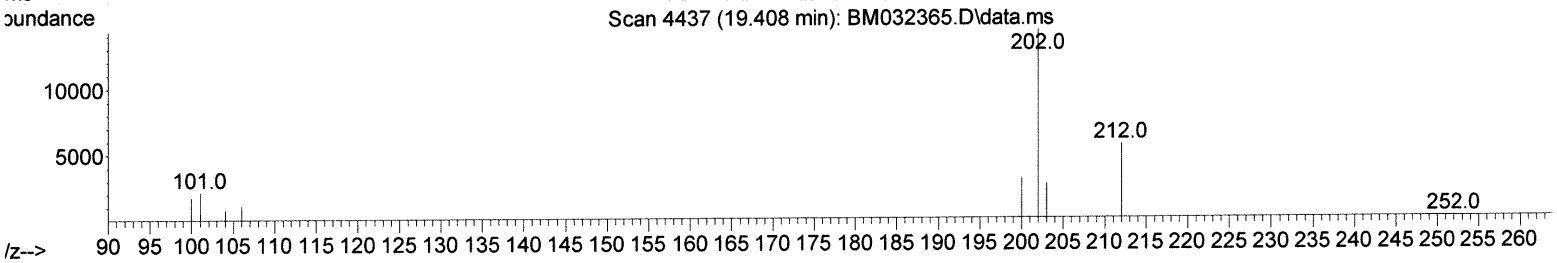
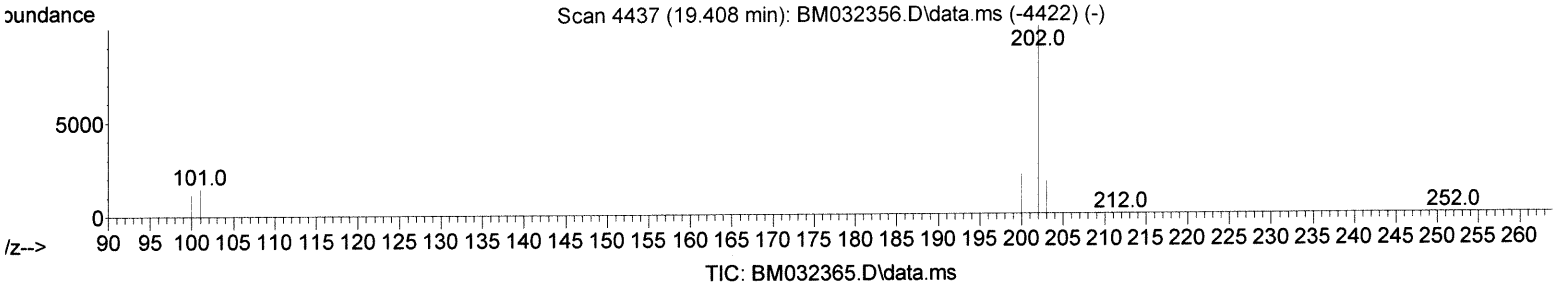
EW406

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:48 PM







(20) Pyrene

19.408min (+ 0.000) 0.21 ng/ul m

response 18190

JCP 10/12/21

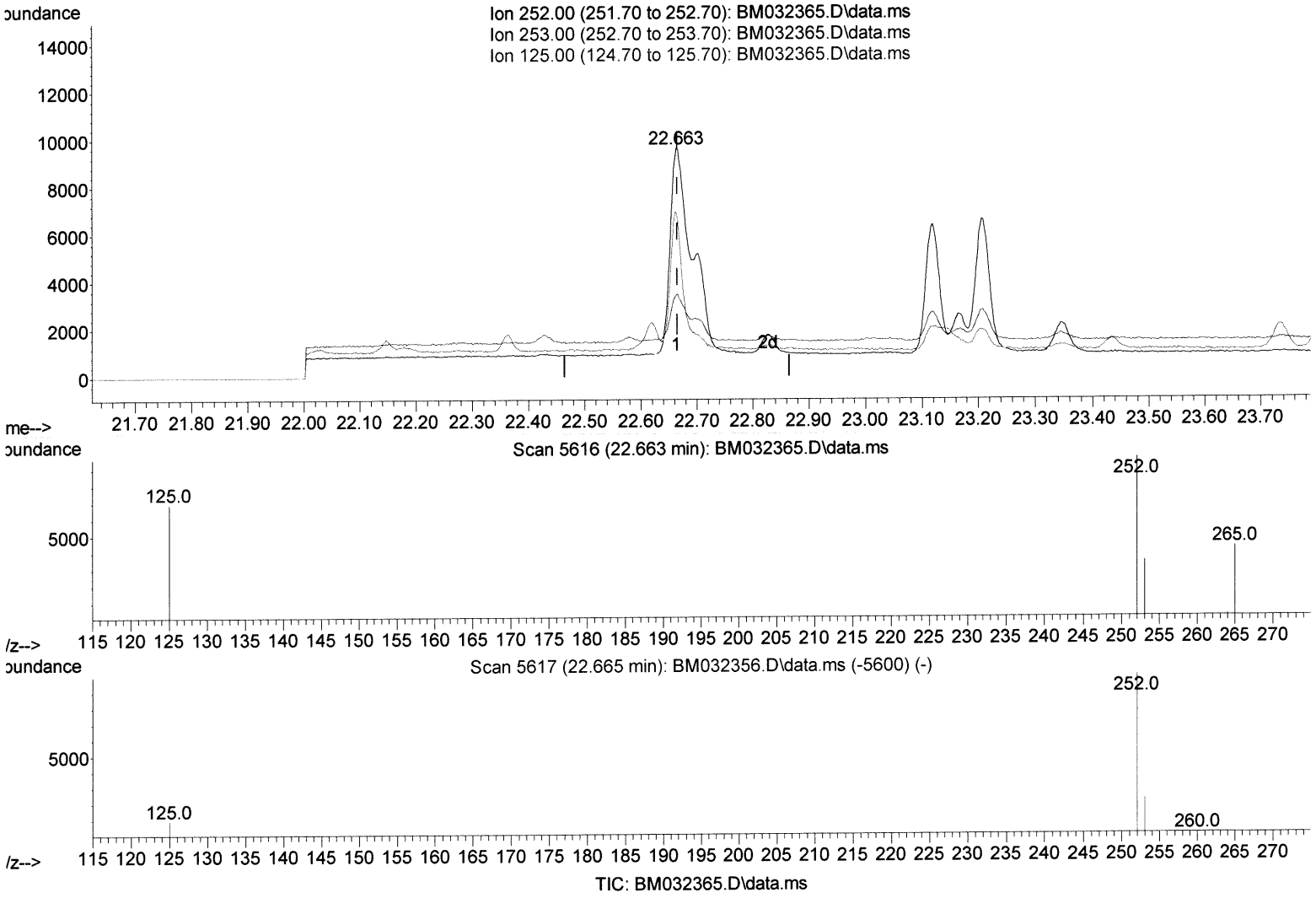
Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.10	15.08
100.00	12.20	12.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032365.D
Acq On : 07 Oct 2021 20:20
Operator : CG/JU
Sample : M3879-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 08 04:16:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW406

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:48 PM



(24) Benzo(b)fluoranthene

22.663min (-0.002) 0.24 ng/ul

response 23892

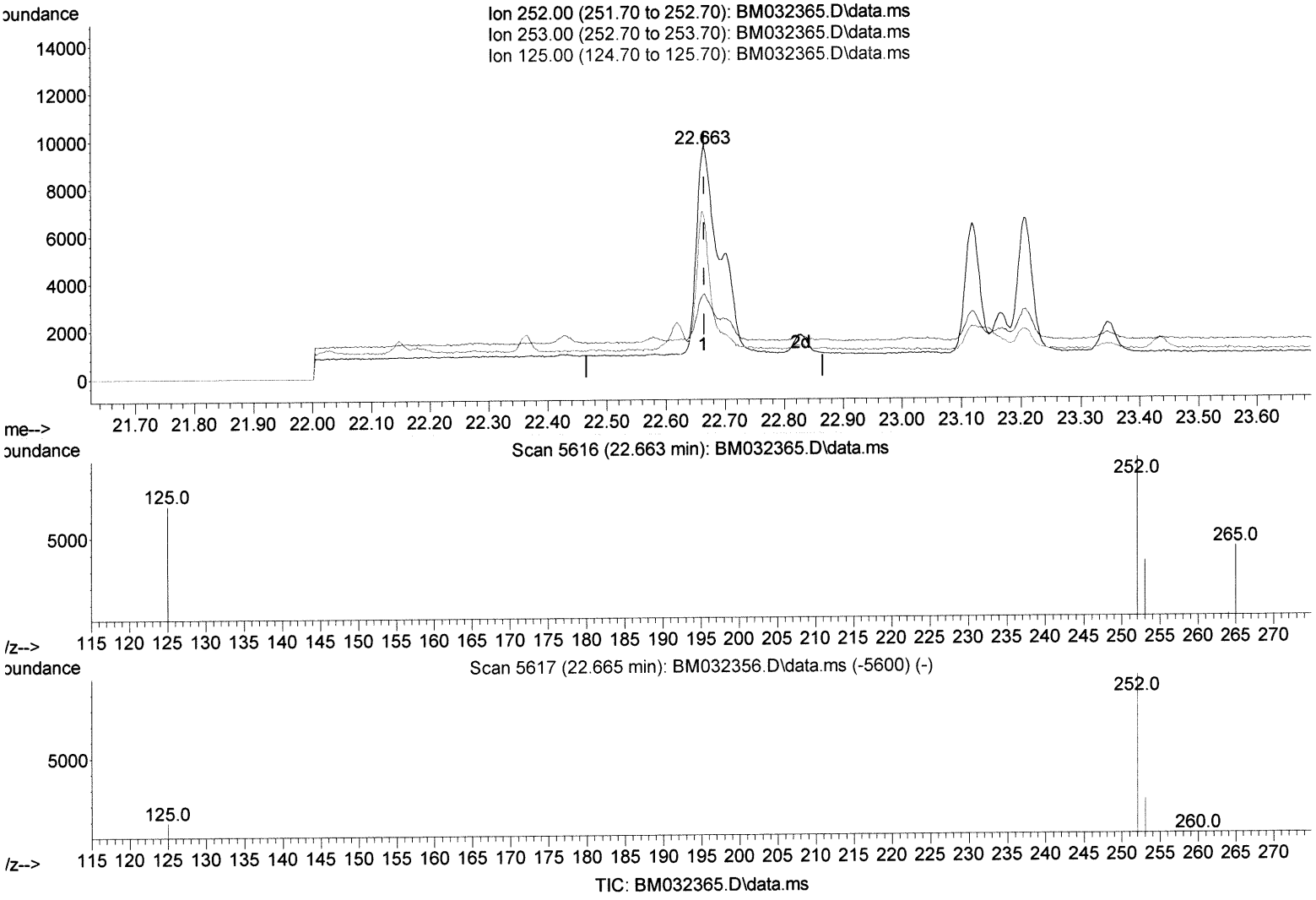
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.00	35.63
125.00	15.70	71.91#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032365.D
Acq On : 07 Oct 2021 20:20
Operator : CG/JU
Sample : M3879-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 08 04:16:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW406

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:48 PM



(24) Benzo(b)fluoranthene

22.663min (-0.002) 0.18 ng/ul m JU 10/12/21

response 18092

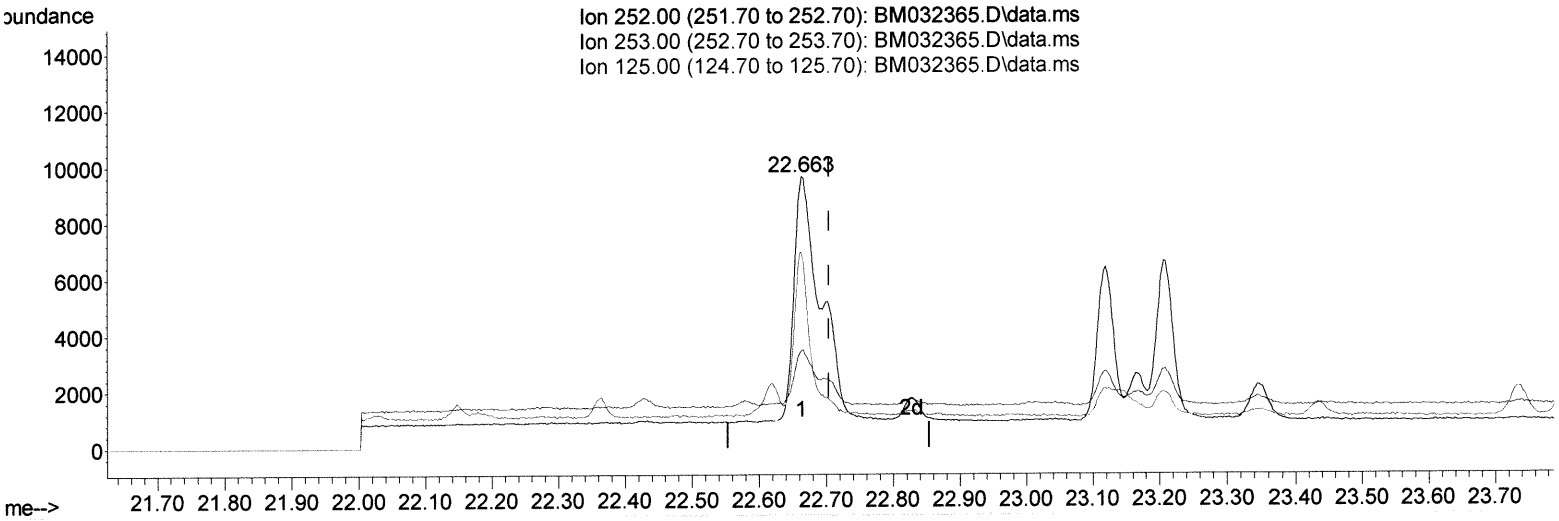
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.00	35.63
125.00	15.70	71.91#
0.00	0.00	0.00

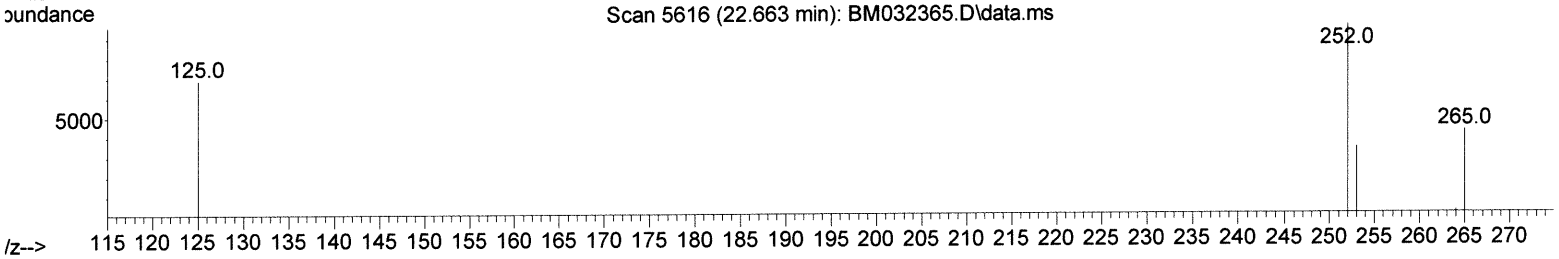
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032365.D
Acq On : 07 Oct 2021 20:20
Operator : CG/JU
Sample : M3879-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

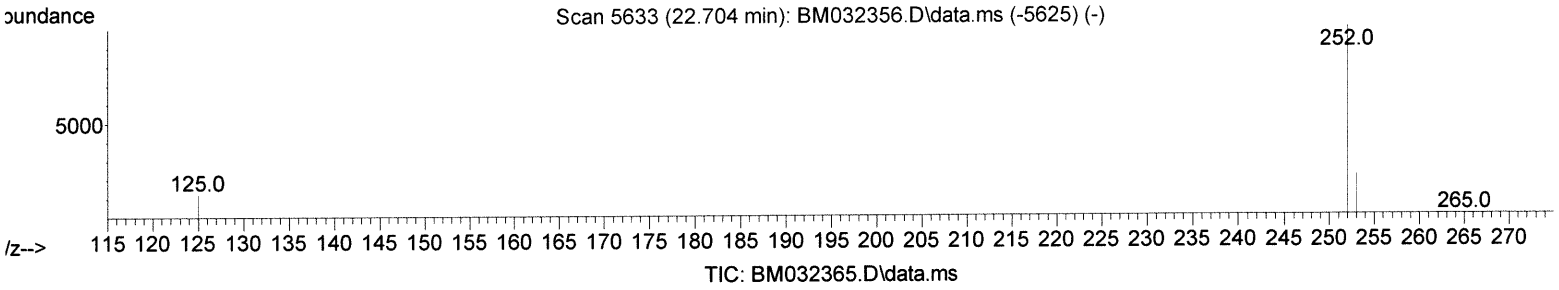
Quant Time: Oct 08 04:16:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW406

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:48 PM







TIC: BM032365.D\data.ms

(25) Benzo(k)fluoranthene

22.663min (-0.041) 0.24 ng/ul

response 23892

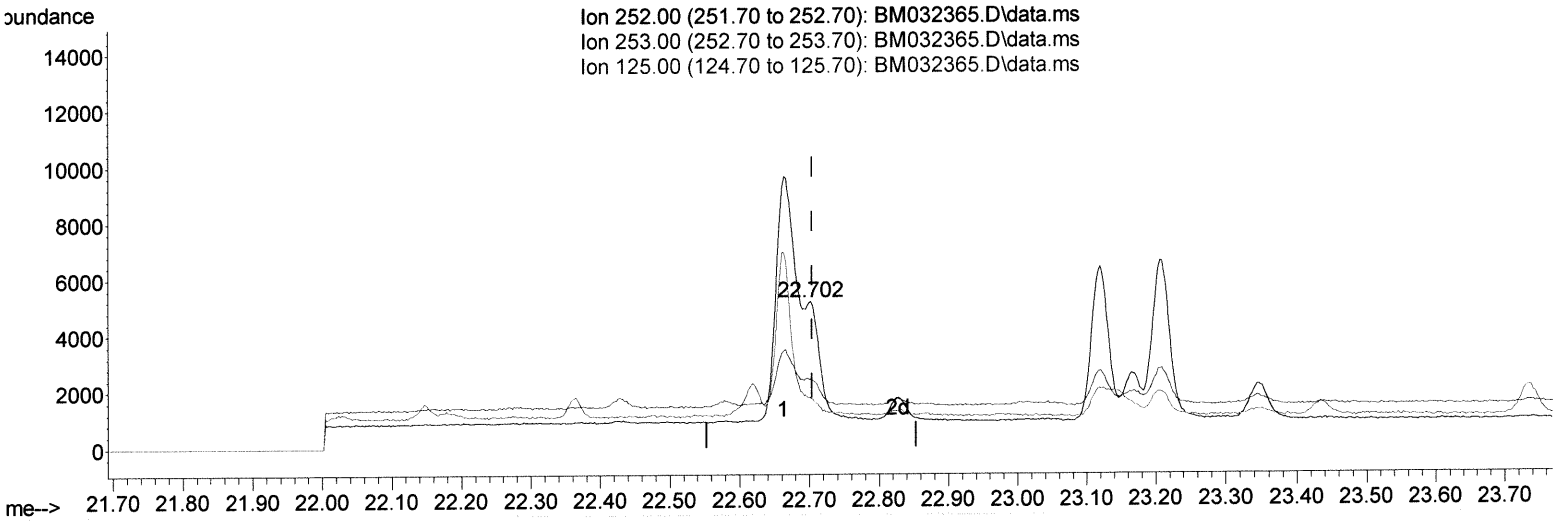
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	35.63#
125.00	16.10	71.91#
0.00	0.00	0.00

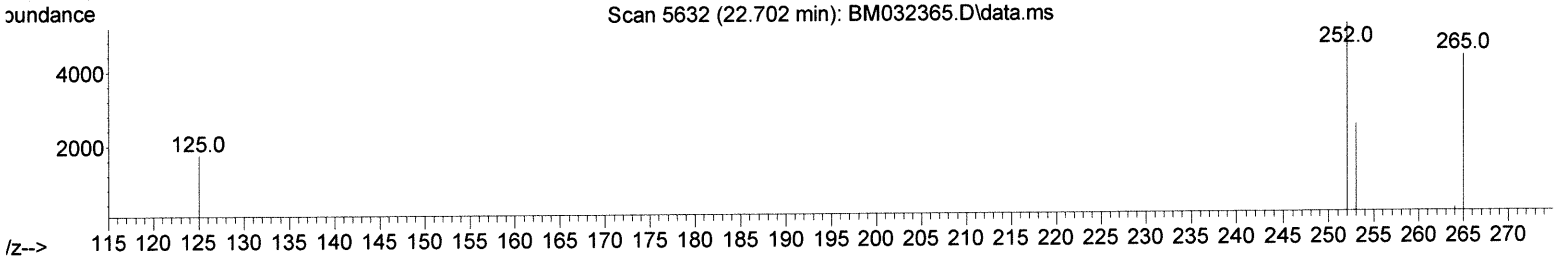
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032365.D
Acq On : 07 Oct 2021 20:20
Operator : CG/JU
Sample : M3879-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

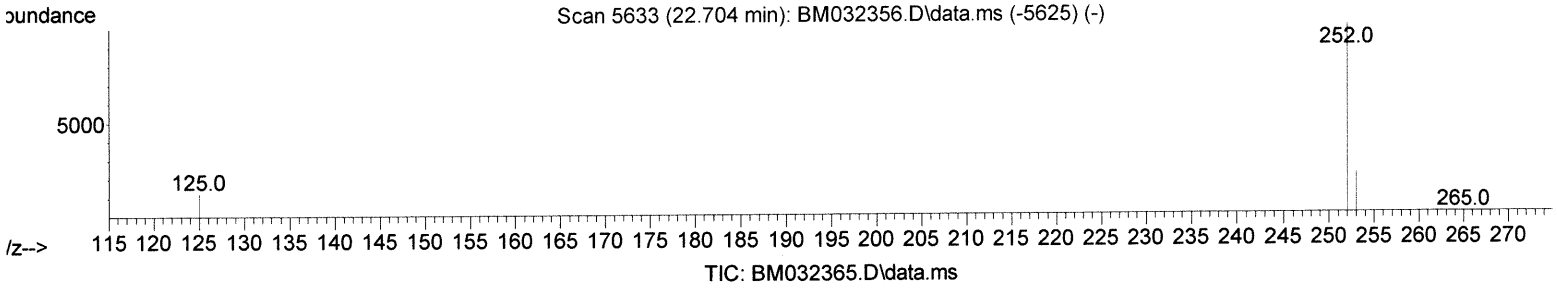
Quant Time: Oct 08 04:16:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW406

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:48 PM







(25) Benzo(k)fluoranthene

22.702min (-0.002) 0.06 ng/ul m JU 10/12/21

response 6105

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	47.15#
125.00	16.10	33.74#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032365.D
Acq On : 07 Oct 2021 20:20
Operator : CG/JU
Sample : M3879-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW406

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:48 PM

Quant Time: Oct 08 04:16:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	6401	0.400	ng/ul	0.00
4) Naphthalene-d8	10.411	136	22396	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.270	164	12429	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	25396	0.400	ng/ul	0.00
17) Chrysene-d12	21.157	240	20704	0.400	ng/ul	0.00
23) Perylene-d12	23.300	264	19520	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.969	96	14875	2.162	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	6074	0.204	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	13874	0.247	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.461	128	2813	0.042	ng/ul#	89
7) 2-Methylnaphthalene	12.080	142	1456	0.034	ng/ul	97
8) 1-Methylnaphthalene	12.305	142	1114	0.027	ng/ul	97
15) Phenanthrene	17.036	178	7486	0.091	ng/ul	98
19) Fluoranthene	19.046	202	20130	0.233	ng/ul	98
20) Pyrene	19.408	202	18190m	0.210	ng/ul	98
21) Benzo(a)anthracene	21.142	228	6581	0.090	ng/ul	96
22) Chrysene	21.191	228	12076	0.141	ng/ul	97
24) Benzo(b)fluoranthene	22.663	252	18092m	0.179	ng/ul	96
25) Benzo(k)fluoranthene	22.702	252	6105m	0.062	ng/ul	96
26) Benzo(a)pyrene	23.206	252	9935	0.131	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.415	276	8423	0.087	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.415	278	1789	0.023	ng/ul#	35
29) Benzo(g,h,i)perylene	26.069	276	7786	0.084	ng/ul	93

JU 10/12/21

JU 10/12/21

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