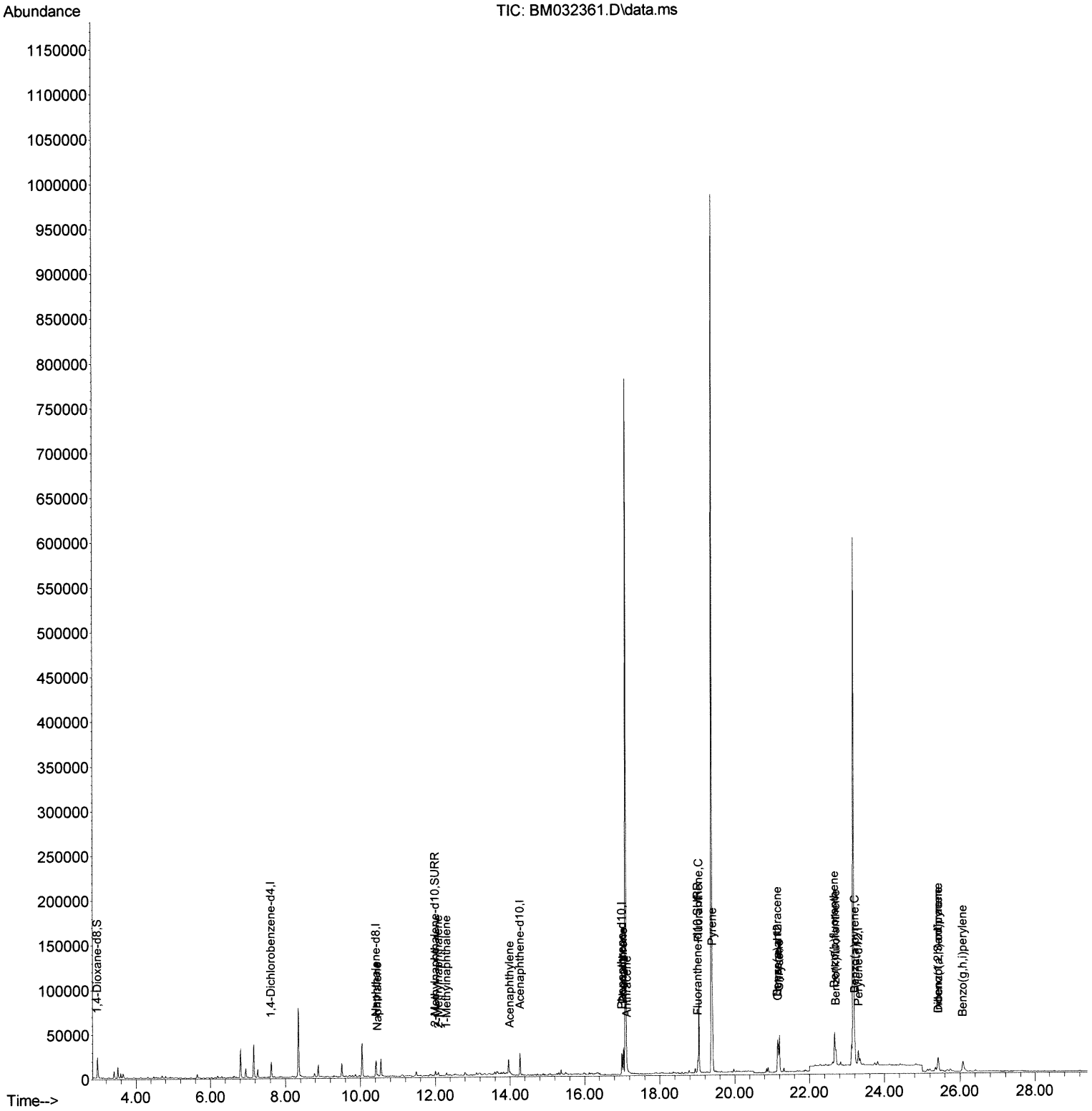
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032361.D
Acq On : 07 Oct 2021 17:54
Operator : CG/JU
Sample : M3879-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 18:29:26 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 :
EW404

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:42 PM



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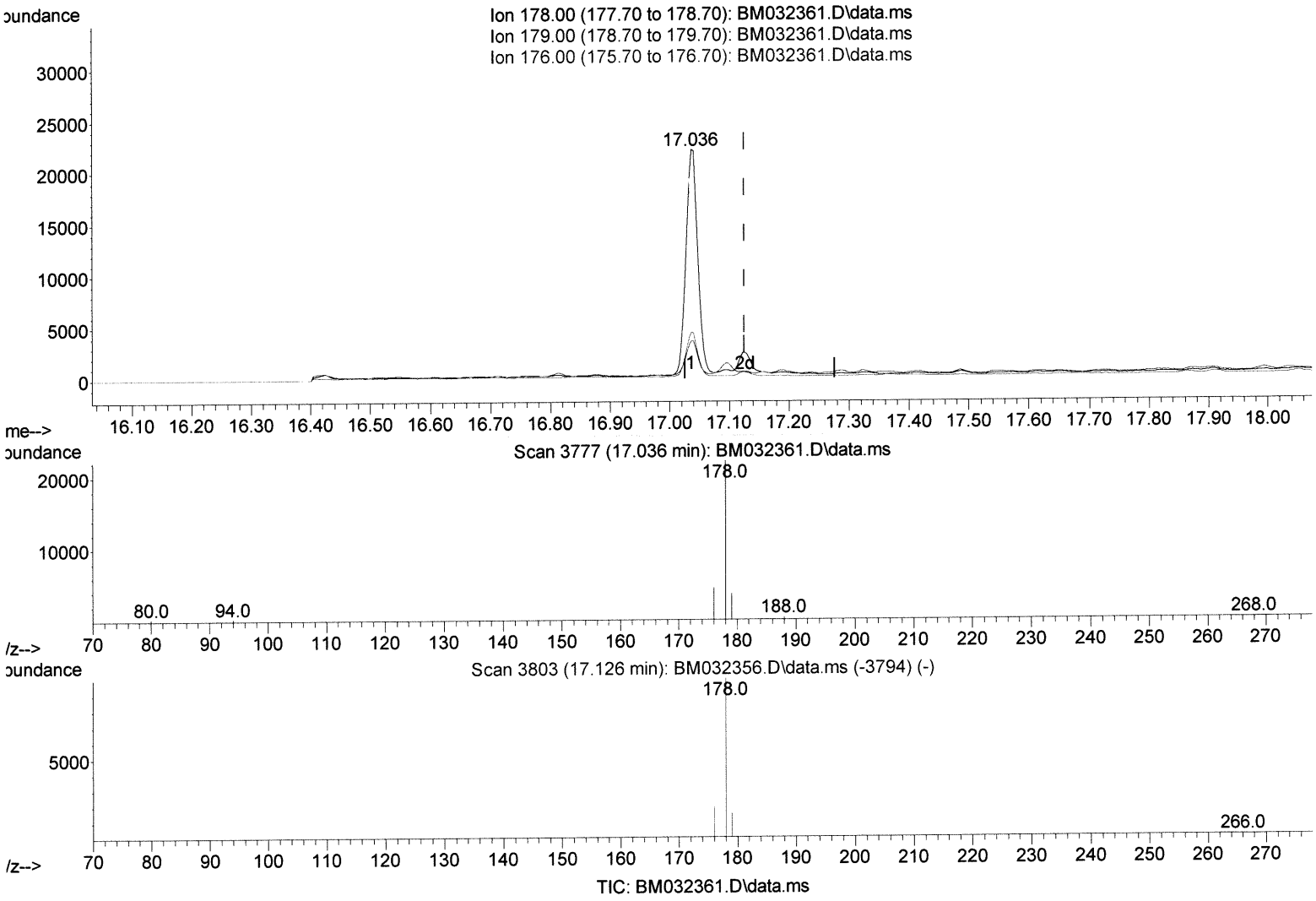

(16) Anthracene

17.036min (-0.090) 0.27 ng/ul

response 18966

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	16.39
176.00	19.10	20.18
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
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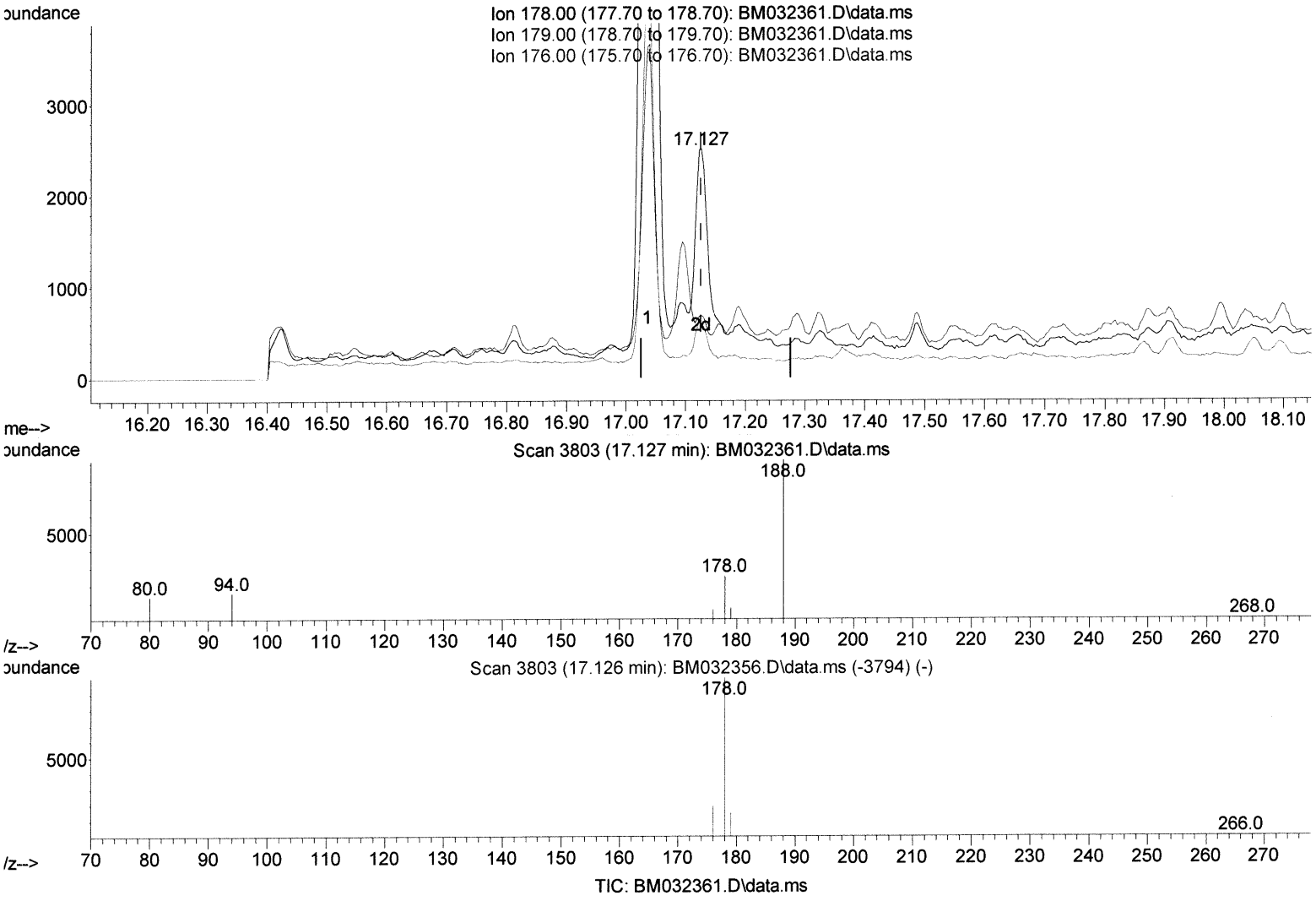
Manual Integrations APPROVED
mohammad
10/11/2021 2:08:42 PM



(16) Anthracene

17.127min (+ 0.000) 0.04 ng/ul m JJ 10/12/21

response 2600

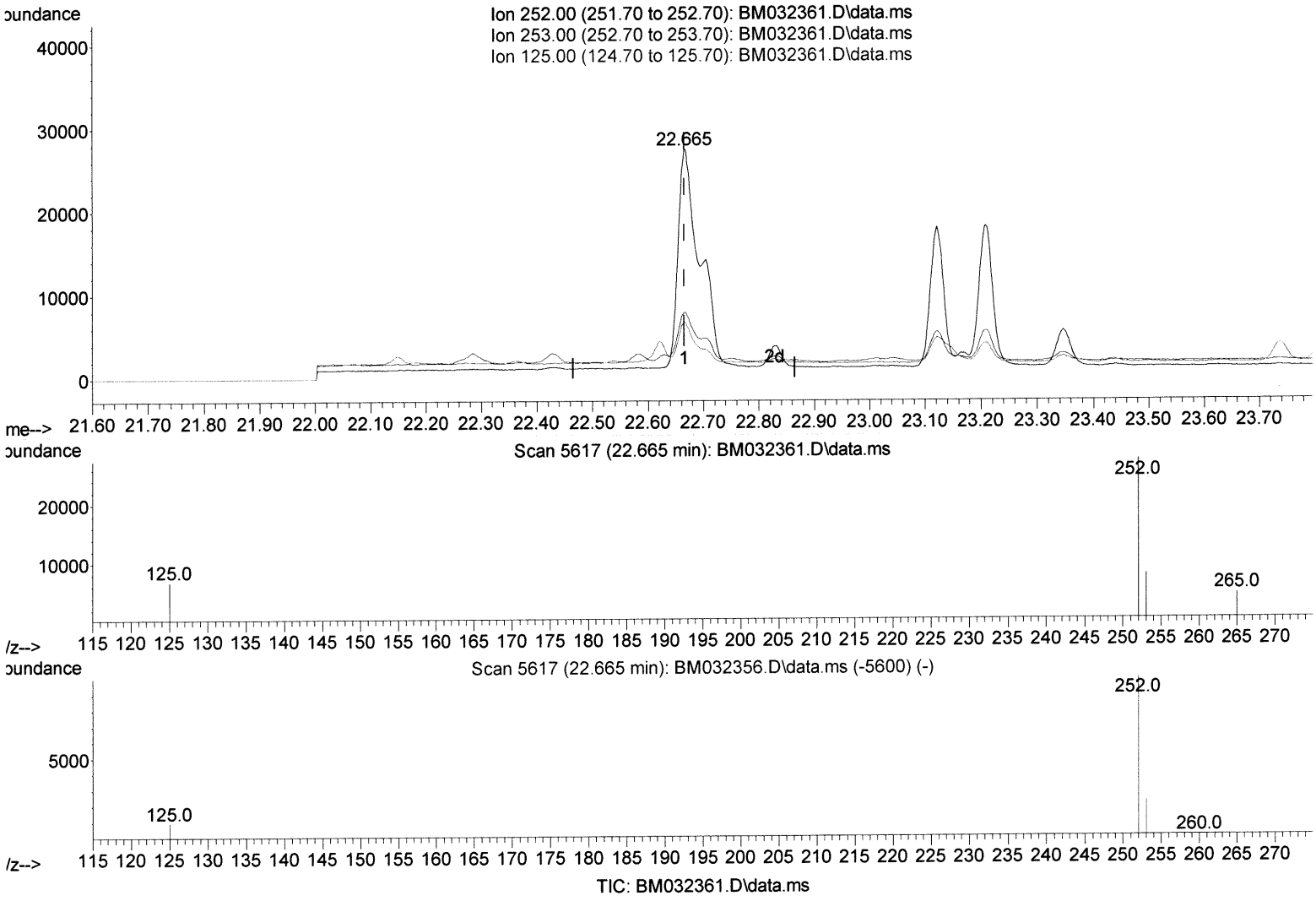
Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	27.31#
176.00	19.10	23.68#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032361.D
Acq On : 07 Oct 2021 17:54
Operator : CG/JU
Sample : M3879-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 18:29:26 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 :
EW404

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:42 PM



(24) Benzo(b)fluoranthene

22.665min (+ 0.000) 0.73 ng/ul

response 72201

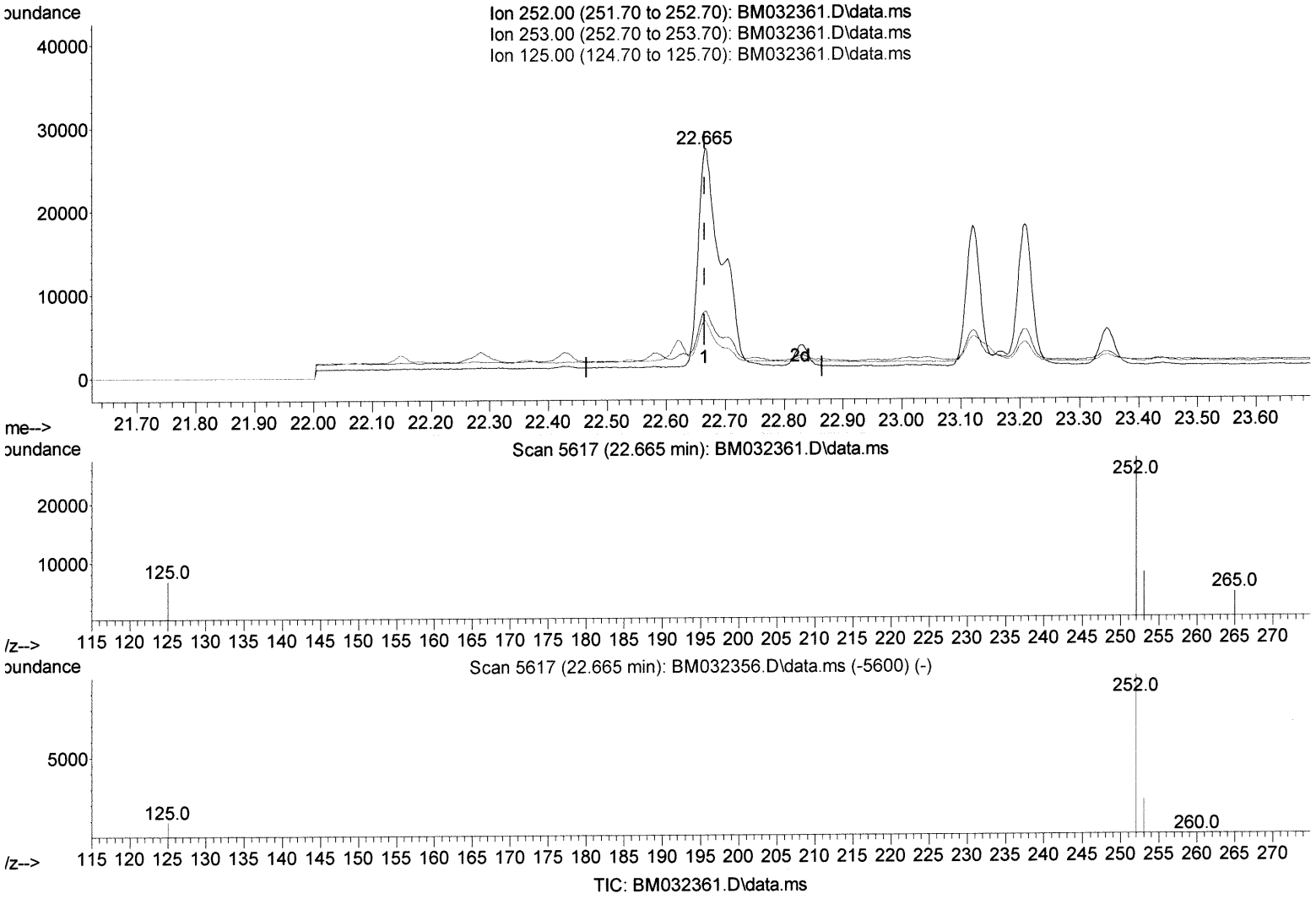
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.00	28.66
125.00	15.70	24.68
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032361.D
Acq On : 07 Oct 2021 17:54
Operator : CG/JU
Sample : M3879-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 18:29:26 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 :
EW404

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:42 PM



(24) Benzo(b)fluoranthene

22.665min (+ 0.000) 0.55 ng/ul m

JC 10/12/21

response 54816

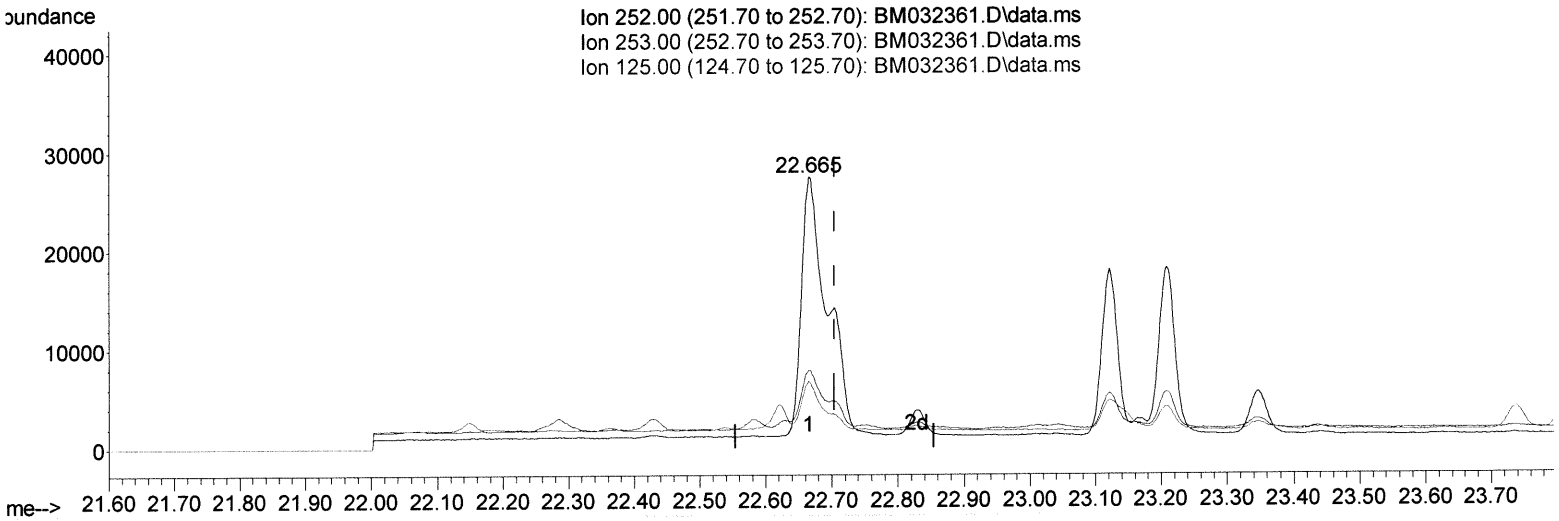
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.00	28.66
125.00	15.70	24.68
0.00	0.00	0.00

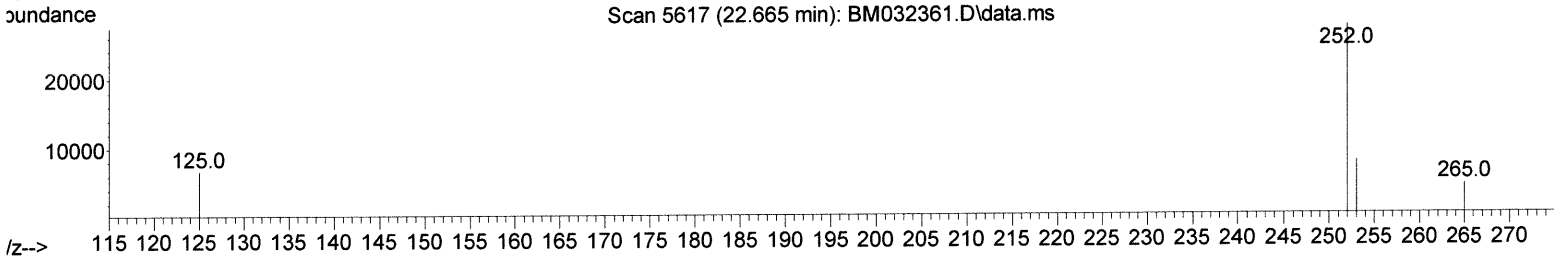
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032361.D
Acq On : 07 Oct 2021 17:54
Operator : CG/JU
Sample : M3879-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

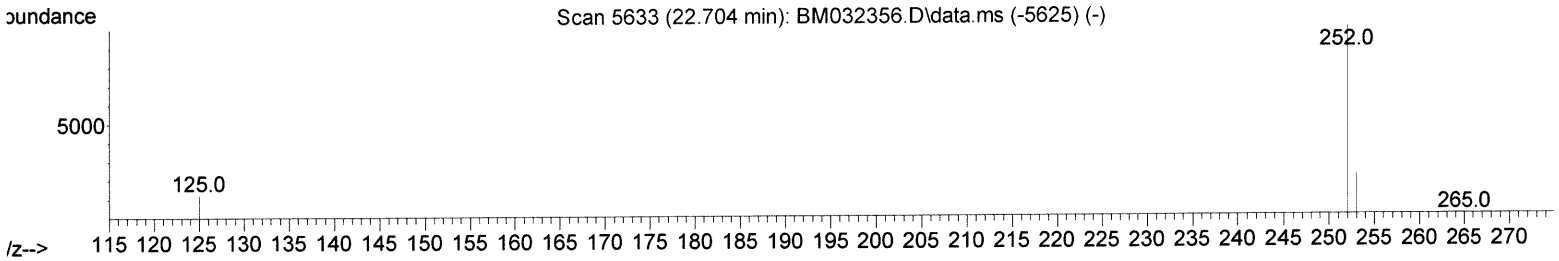
Quant Time: Oct 07 18:29:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW404

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:42 PM







(25) Benzo(k)fluoranthene

22.665min (-0.039) 0.75 ng/ul

response 72201

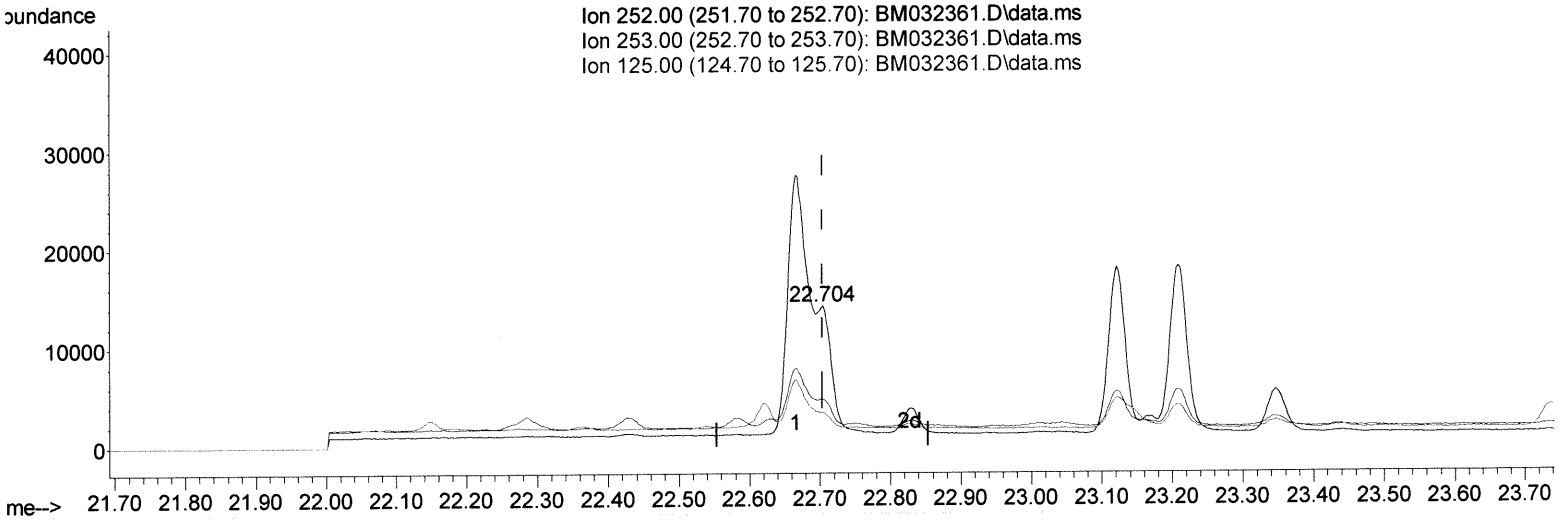
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	28.66
125.00	16.10	24.68#
0.00	0.00	0.00

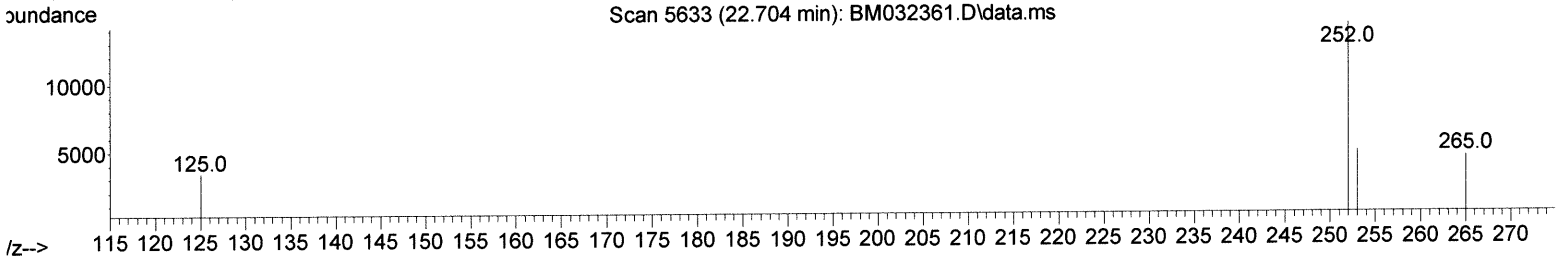
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032361.D
Acq On : 07 Oct 2021 17:54
Operator : CG/JU
Sample : M3879-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

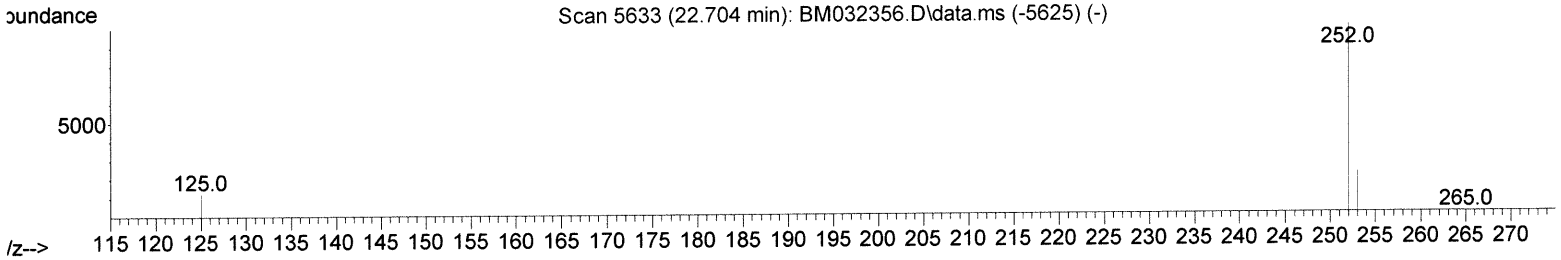
Quant Time: Oct 07 18:29:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:38:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW404

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:42 PM







TIC: BM032361.D\data.ms

(25) Benzo(k)fluoranthene

22.704min (+ 0.000) 0.20 ng/ul m

JU 10/12/21

response 19402

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	33.76
125.00	16.10	23.81#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
Data File : BM032361.D
Acq On : 07 Oct 2021 17:54
Operator : CG/JU
Sample : M3879-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW404

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:42 PM

Quant Time: Oct 07 18:29:26 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	6300	0.400	ng/ul		0.00
4) Naphthalene-d8	10.416	136	22367	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.270	164	12876	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.995	188	26139	0.400	ng/ul		0.00
17) Chrysene-d12	21.159	240	20754	0.400	ng/ul		0.00
23) Perylene-d12	23.303	264	19100	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.965	96	15229	2.249	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.003	152	6534	0.219	ng/ul		0.00
18) Fluoranthene-d10	19.015	212	14956	0.265	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.461	128	2426	0.037	ng/ul	#	86
7) 2-Methylnaphthalene	12.080	142	2394	0.056	ng/ul		92
8) 1-Methylnaphthalene	12.300	142	1997	0.048	ng/ul		92
10) Acenaphthylene	13.991	152	1482	0.029	ng/ul	#	65
15) Phenanthrene	17.036	178	30511	0.358	ng/ul		99
16) Anthracene	17.127	178	2600m	0.037	ng/ul		99
19) Fluoranthene	19.046	202	76603	0.884	ng/ul		98
20) Pyrene	19.408	202	68032	0.783	ng/ul		99
21) Benzo(a)anthracene	21.142	228	25164	0.343	ng/ul		95
22) Chrysene	21.193	228	41381	0.482	ng/ul		96
24) Benzo(b)fluoranthene	22.665	252	54816m	0.553	ng/ul		96
25) Benzo(k)fluoranthene	22.704	252	19402m	0.203	ng/ul		96
26) Benzo(a)pyrene	23.208	252	29009	0.390	ng/ul		96
27) Indeno(1,2,3-cd)pyrene	25.418	276	23418	0.246	ng/ul	#	88
28) Dibenzo(a,h)anthracene	25.418	278	5196	0.067	ng/ul	#	59
29) Benzo(g,h,i)perylene	26.074	276	22460	0.249	ng/ul		94

JR 10/12/21

JR 10/12/21

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