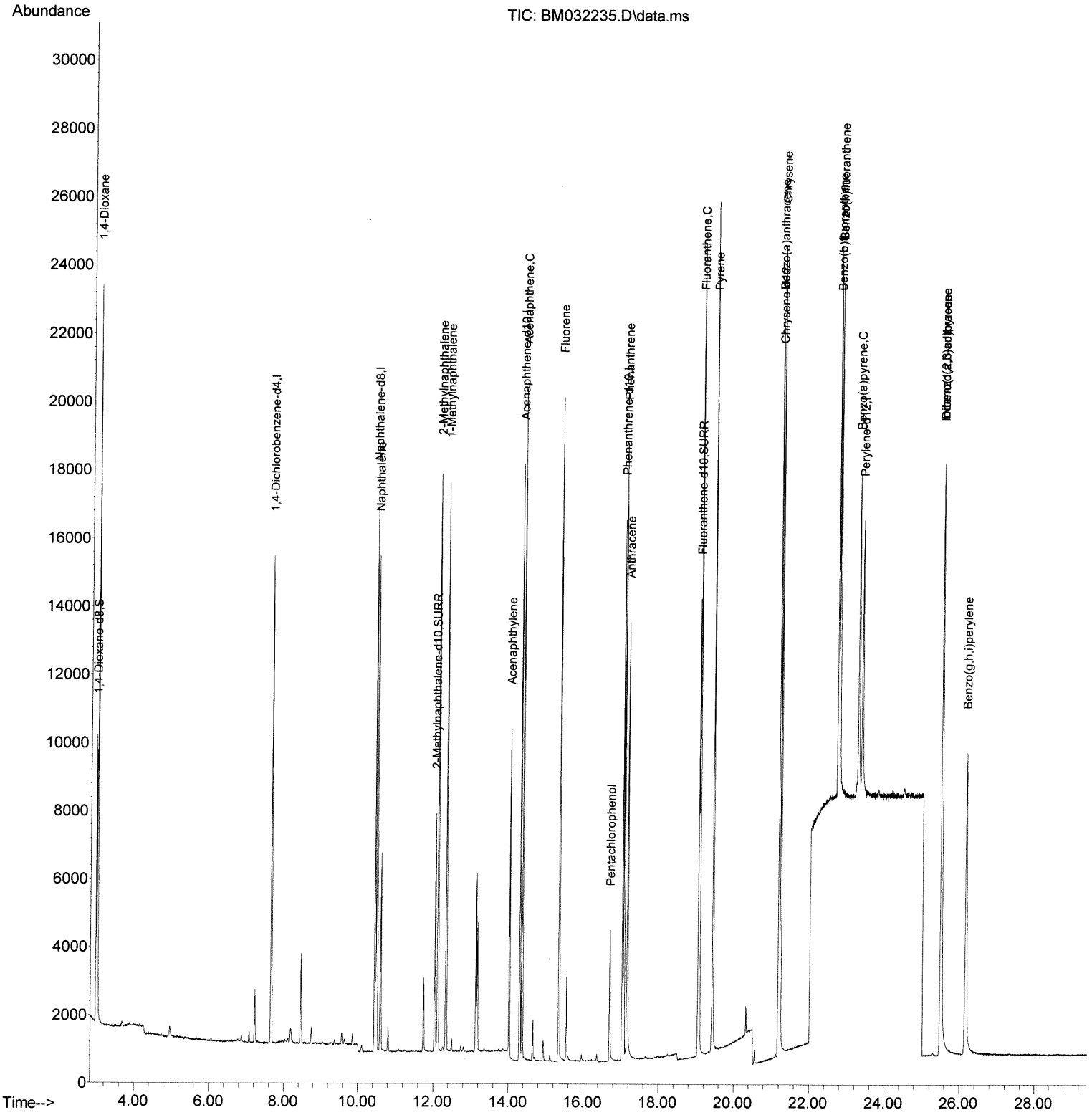
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032235.D
Acq On : 28 Sep 2021 10:11
Operator : CG/JU
Sample : PB139145BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Sep 28 10:45:27 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 : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS145

Manual Integrations APPROVED
mohammad
9/28/2021 1:41:01 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032235.D
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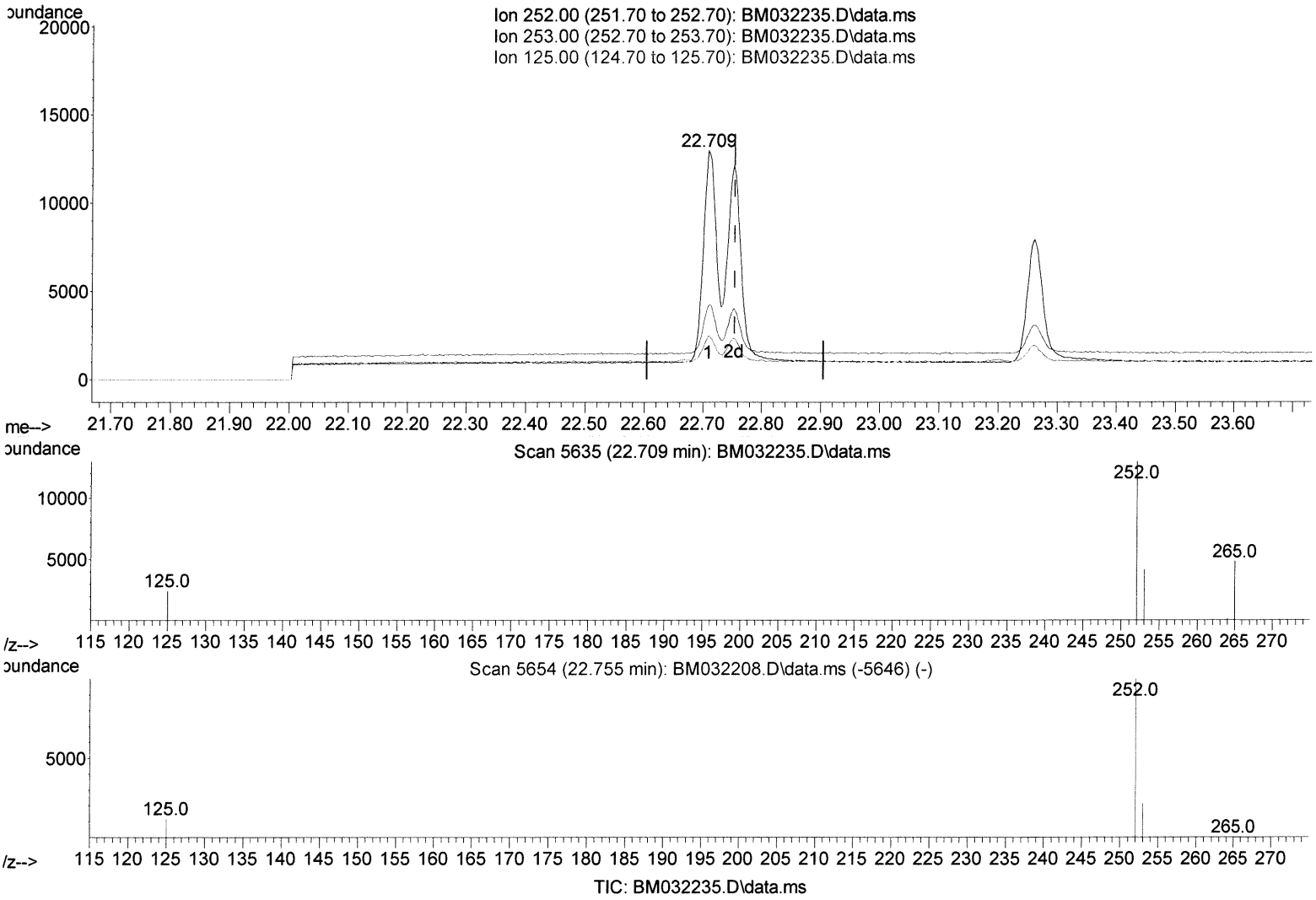
Manual Integrations APPROVED
mohammad
9/28/2021 1:41:01 PM



(25) Benzo(k)fluoranthene

22.709min (-0.046) 0.37 ng/ul

response 18826

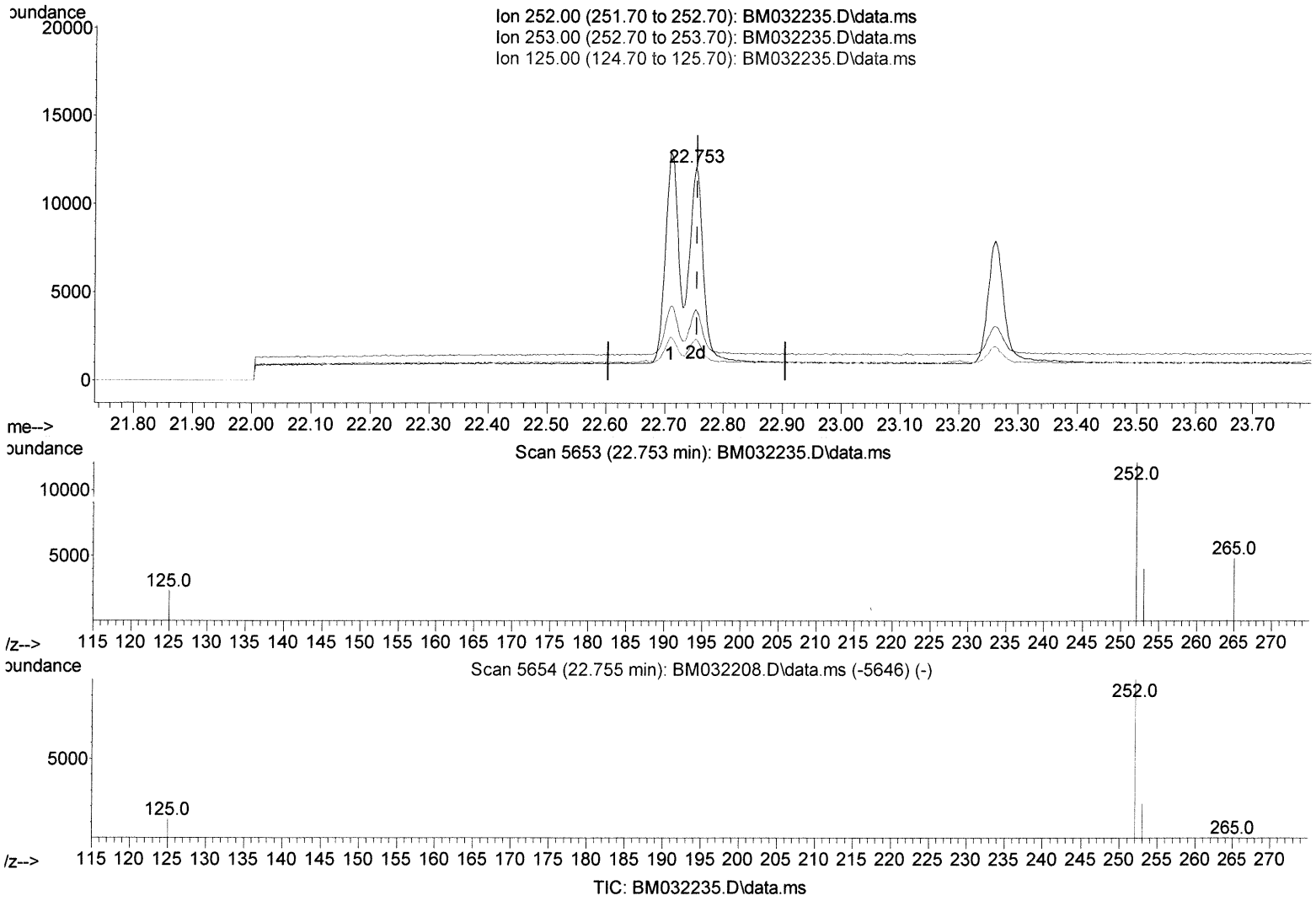
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	32.24
125.00	16.10	18.89
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032235.D
Acq On : 28 Sep 2021 10:11
Operator : CG/JU
Sample : PB139145BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Sep 28 10:45:27 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 : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS145

Manual Integrations APPROVED
mohammad
9/28/2021 1:41:01 PM



(25) Benzo(k)fluoranthene

22.753min (-0.002) 0.36 ng/ul m

JU 10/04/21

response 18253

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	33.10
125.00	16.10	19.36#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032235.D
Acq On : 28 Sep 2021 10:11
Operator : CG/JU
Sample : PB139145BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS145

Manual Integrations APPROVED
mohammad
9/28/2021 1:41:01 PM

Quant Time: Sep 28 10:45:27 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 : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	6818	0.400	ng/ul	0.00
4) Naphthalene-d8	10.447	136	20083	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.304	164	8826	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.029	188	16822	0.400	ng/ul	0.00
17) Chrysene-d12	21.191	240	12913	0.400	ng/ul	0.00
23) Perylene-d12	23.358	264	10253	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.989	96	4709	0.642	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.039	152	8556	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.050	212	13469	0.384	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.024	88	12879	1.708	ng/ul	91
5) Naphthalene	10.496	128	18890	0.317	ng/ul	100
7) 2-Methylnaphthalene	12.116	142	11387	0.299	ng/ul	100
8) 1-Methylnaphthalene	12.336	142	10871	0.292	ng/ul	99
10) Acenaphthylene	14.020	152	10789	0.305	ng/ul	100
11) Acenaphthene	14.365	153	10463	0.321	ng/ul	100
12) Fluorene	15.347	166	11452	0.310	ng/ul	100
14) Pentachlorophenol	16.696	266	2588	0.608	ng/ul	99
15) Phenanthrene	17.068	178	17831	0.325	ng/ul	99
16) Anthracene	17.158	178	14035	0.311	ng/ul	98
19) Fluoranthene	19.076	202	19016	0.353	ng/ul	97
20) Pyrene	19.438	202	19295	0.357	ng/ul	99
21) Benzo(a)anthracene	21.176	228	15715	0.344	ng/ul	100
22) Chrysene	21.227	228	18888	0.353	ng/ul	100
24) Benzo(b)fluoranthene	22.709	252	18826	0.354	ng/ul	93
25) Benzo(k)fluoranthene	22.753	252	18253m	0.355	ng/ul	88
26) Benzo(a)pyrene	23.261	252	13995	0.350	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.498	276	18334	0.359	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.500	278	15040	0.362	ng/ul	97
29) Benzo(g,h,i)perylene	26.157	276	17749	0.367	ng/ul	99

>> JH 10/04/21

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