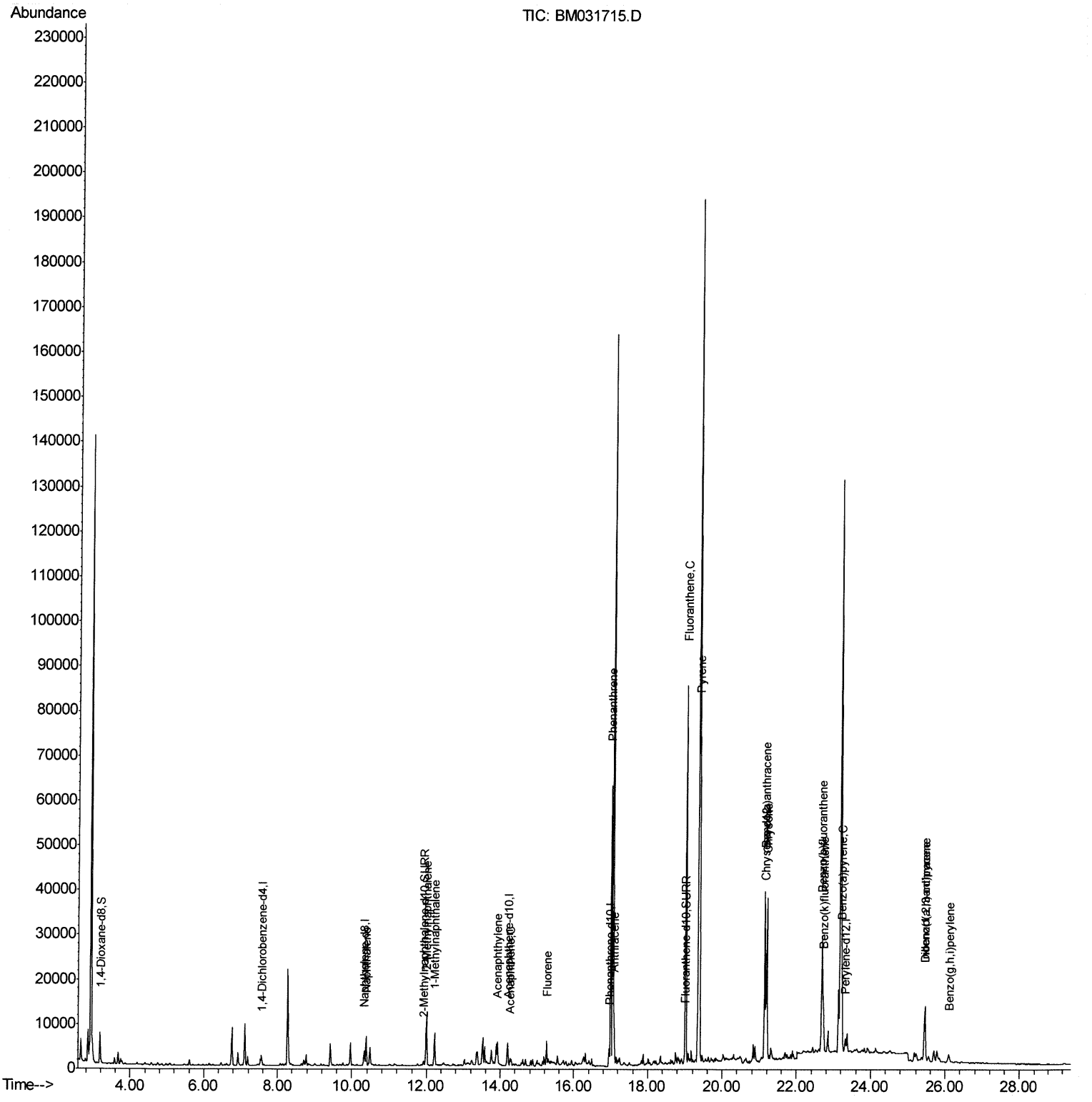
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031715.D
Acq On : 13 Aug 2021 15:12
Operator : CG/JU
Sample : M3208-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 15:48:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00E7

Manual Integrations APPROVED
mohammad
8/16/2021 8:39:57 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031715.D
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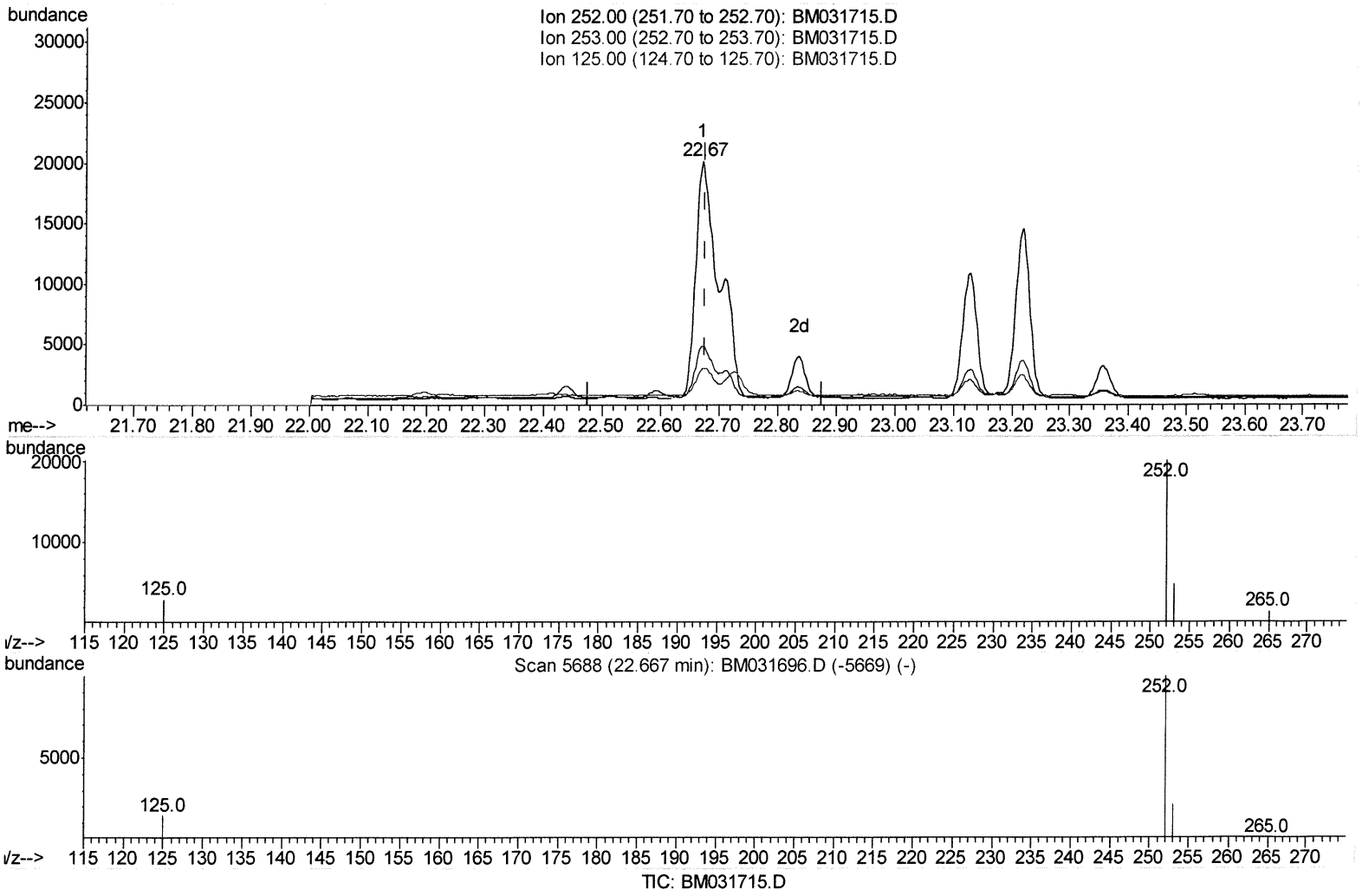

(24) Benzo(b)fluoranthene

22.672min (-0.005) 3.43ng/ul

response 55205

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.01
125.00	11.40	14.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
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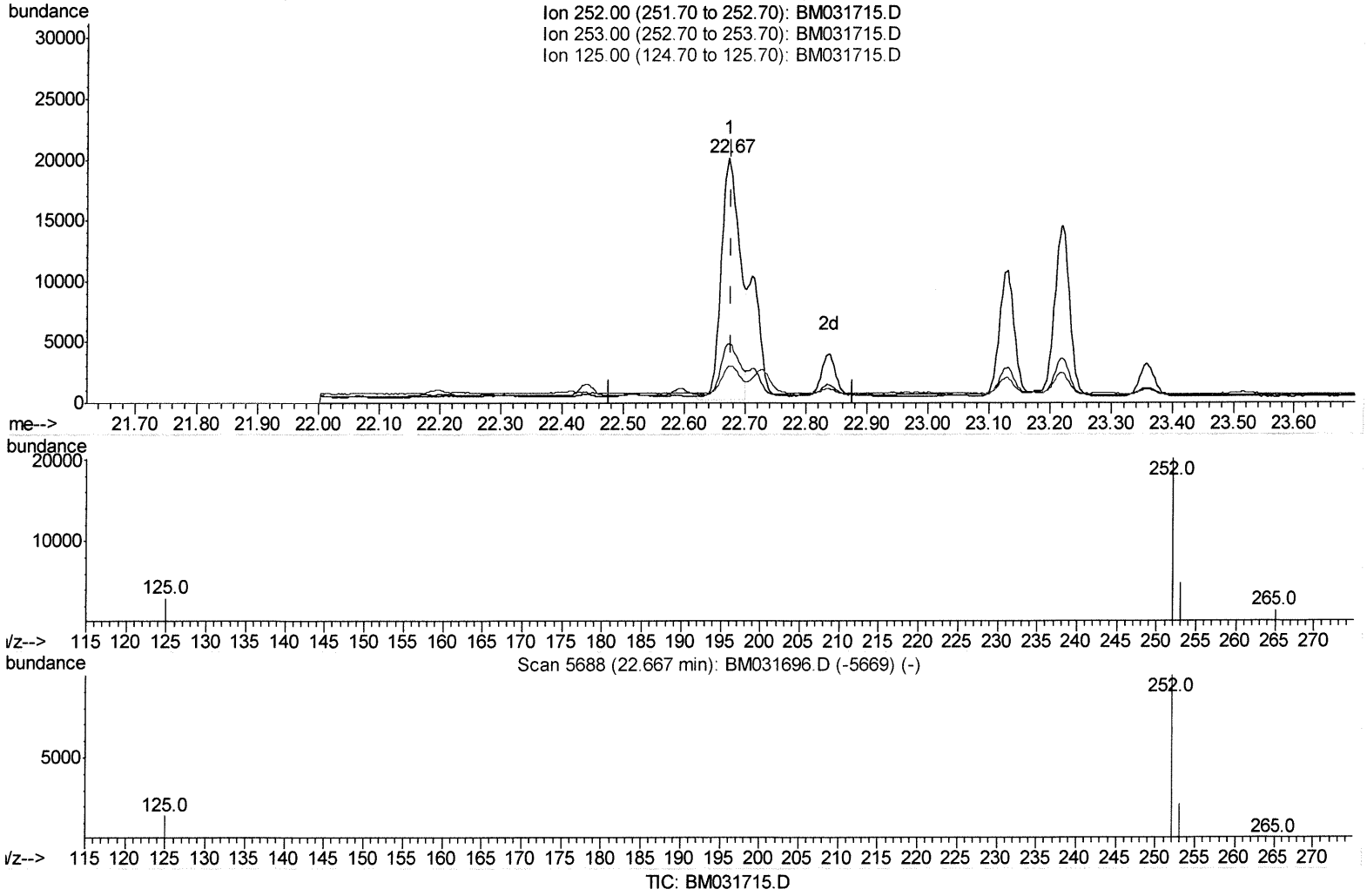
Manual Integrations APPROVED
mohammad
8/16/2021 8:39:57 AM



(24) Benzo(b)fluoranthene

22.672min (-0.005) 2.59ng/ul m

response 41590

JR 8/16/21

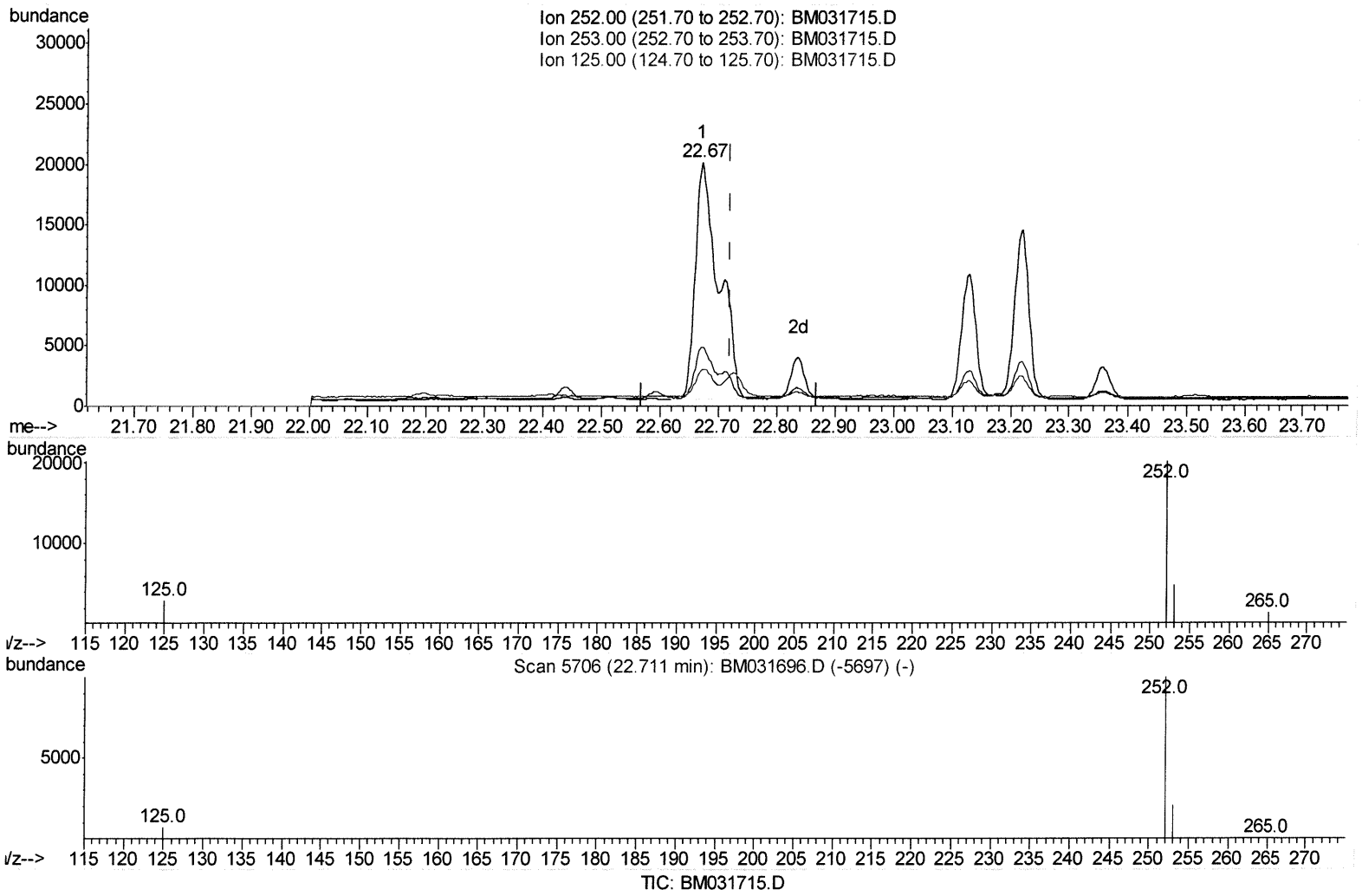
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.01
125.00	11.40	14.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031715.D
Acq On : 13 Aug 2021 15:12
Operator : CG/JU
Sample : M3208-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 15:47:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00E7

Manual Integrations APPROVED
mohammad
8/16/2021 8:39:57 AM



(25) Benzo(k)fluoranthene

22.672min (-0.048) 3.32ng/ul

response 55205

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.01
125.00	11.00	14.87#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031715.D
Acq On : 13 Aug 2021 15:12
Operator : CG/JU
Sample : M3208-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 15:47:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
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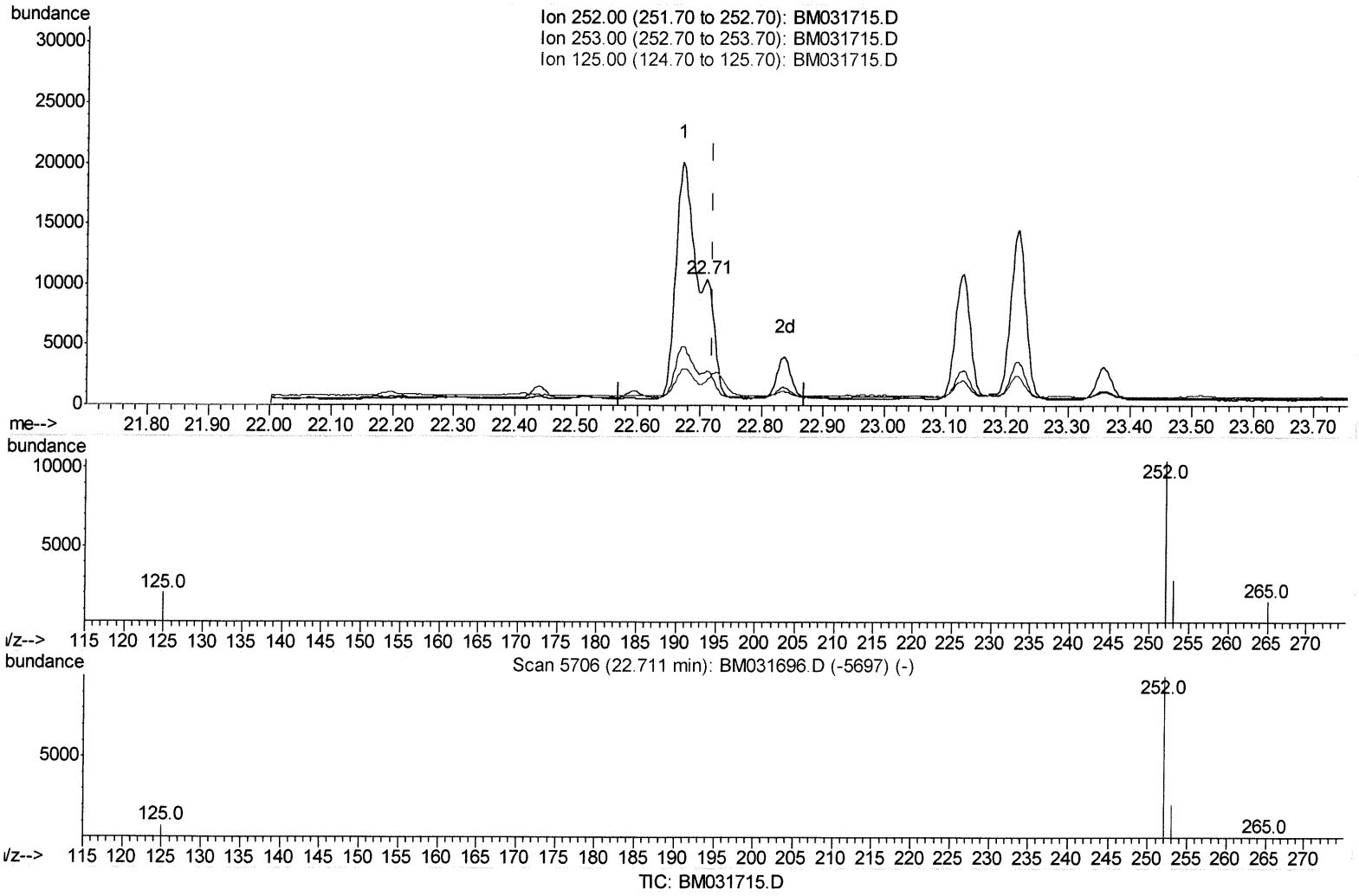
Instrument :
BNA_M
ClientSampleId :
C00E7

Manual Integrations APPROVED
mohammad
8/16/2021 8:39:57 AM



(25) Benzo(k)fluoranthene

22.711min (-0.009) 0.91ng/ul m JU 8/16/21

response 15181

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.19
125.00	11.00	19.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
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Misc :
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Instrument : BNA_M
ClientSampleId : C00E7

Manual Integrations APPROVED
mohammad
8/16/2021 8:39:57 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1145	0.40	ng/ul	0.00
4) Naphthalene-d8	10.32	136	4219	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2548	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4615	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	3673	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	3568	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	4570	3.59	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1209	0.17	ng/ul	-0.01
18) Fluoranthene-d10	18.99	212	2405	0.20	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.37	128	8660	0.689	ng/ul	99
7) 2-Methylnaphthalene	12.00	142	8304	0.967	ng/ul	100
8) 1-Methylnaphthalene	12.22	142	5077	0.598	ng/ul	98
10) Acenaphthylene	13.92	152	5934	0.547	ng/ul	98
11) Acenaphthene	14.26	153	1296	0.142	ng/ul	95
12) Fluorene	15.25	166	3054	0.291	ng/ul#	93
15) Phenanthrene	16.99	178	66260	4.521	ng/ul	98
16) Anthracene	17.09	178	9901	0.722	ng/ul	99
19) Fluoranthene	19.02	202	74387	4.743	ng/ul	96
20) Pyrene	19.38	202	59991	3.771	ng/ul	96
21) Benzo(a)anthracene	21.14	228	30544	2.059	ng/ul	93
22) Chrysene	21.19	228	37375	2.436	ng/ul	97
24) Benzo(b)fluoranthene	22.67	252	41590m	2.587	ng/ul	
25) Benzo(k)fluoranthene	22.71	252	15181m	0.914	ng/ul	
26) Benzo(a)pyrene	23.22	252	24276	1.724	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.44	276	18477	1.015	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.45	278	5277	0.360	ng/ul#	72
29) Benzo(g,h,i)perylene	26.10	276	3734	0.241	ng/ul#	74

JU 8/16/21

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