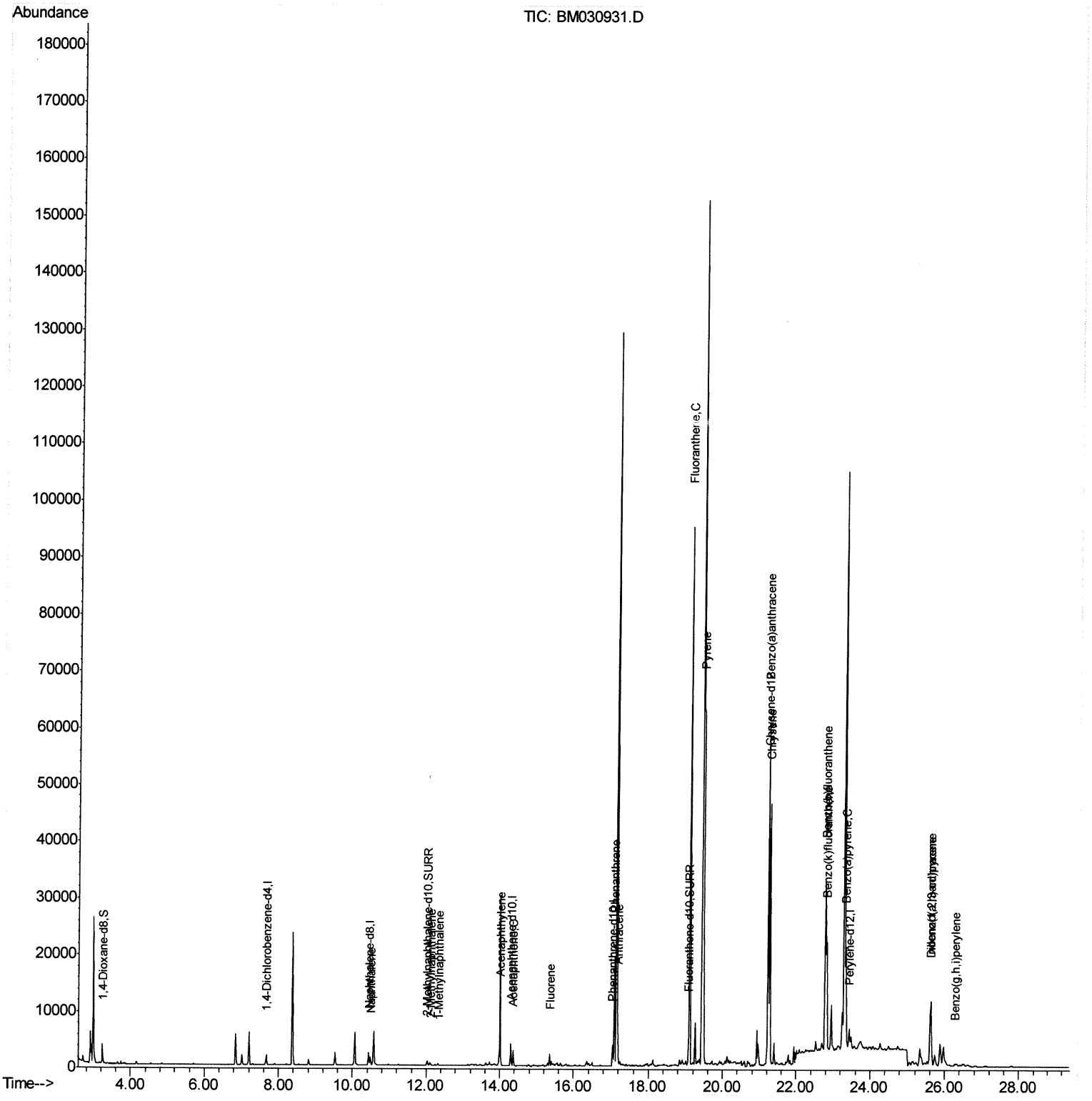
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071321\
Data File : BM030931.D
Acq On : 13 Jul 2021 15:22
Operator : CG/JU
Sample : M2878-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 13 15:53:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:01:01 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDZ8

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:26 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071321\
Data File : BM030931.D
Acq On : 13 Jul 2021 15:22
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Quant Time: Jul 13 15:52:13 2021
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Manual Integrations APPROVED
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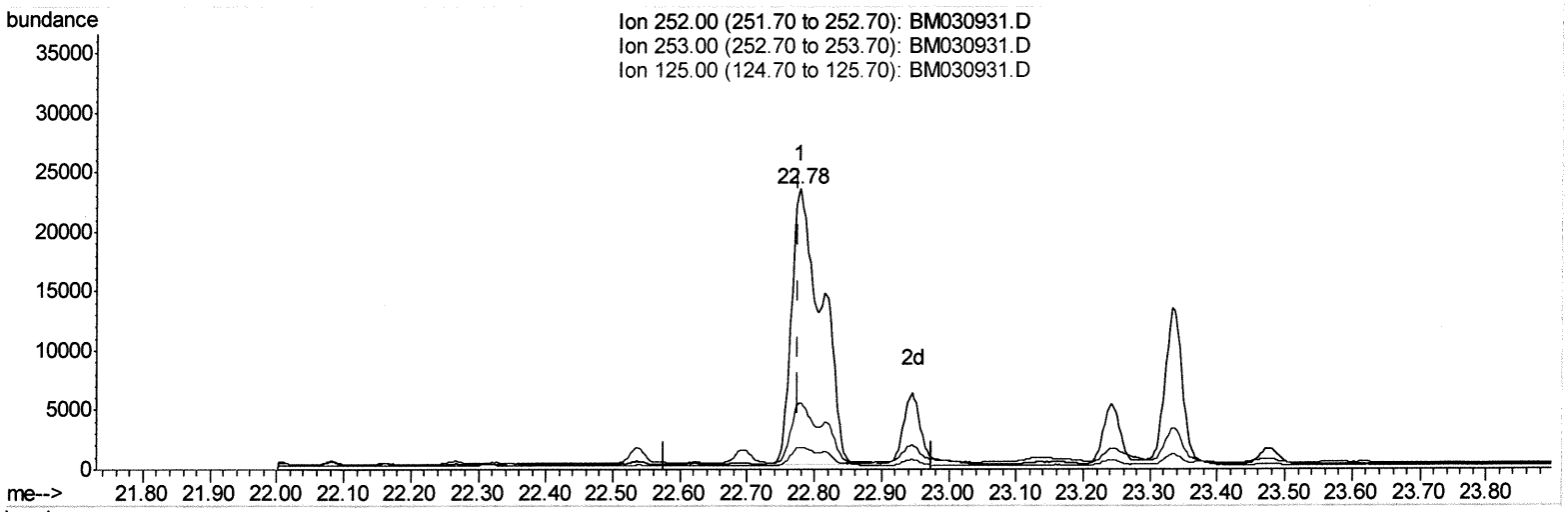

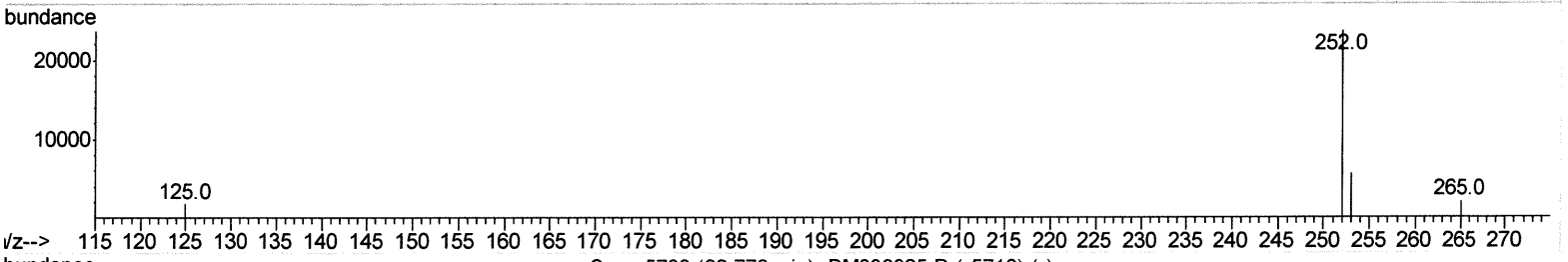

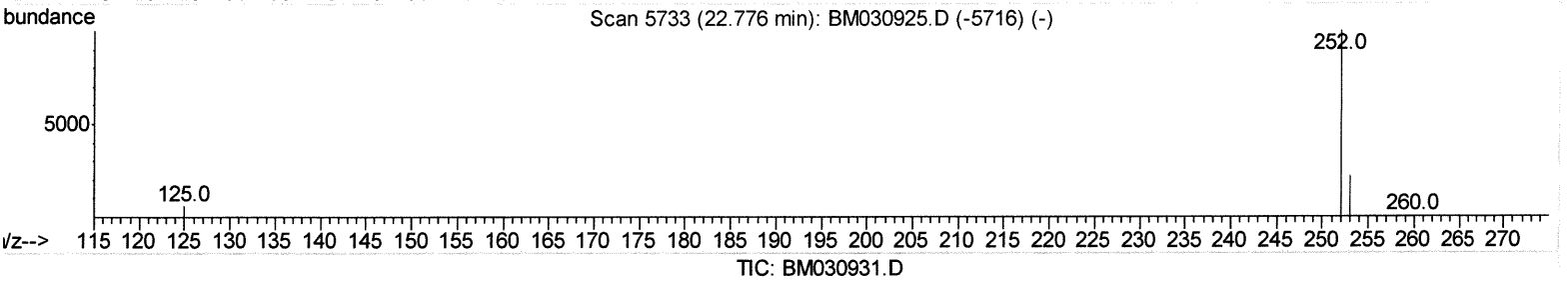

TIC: BM030931.D

(24) Benzo(b)fluoranthene

22.779min (+0.003) 3.59ng/ul

response 72501

Ion	Exp%	Act%
252.00	100	100
253.00	31.00	23.80
125.00	11.60	7.74
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071321\
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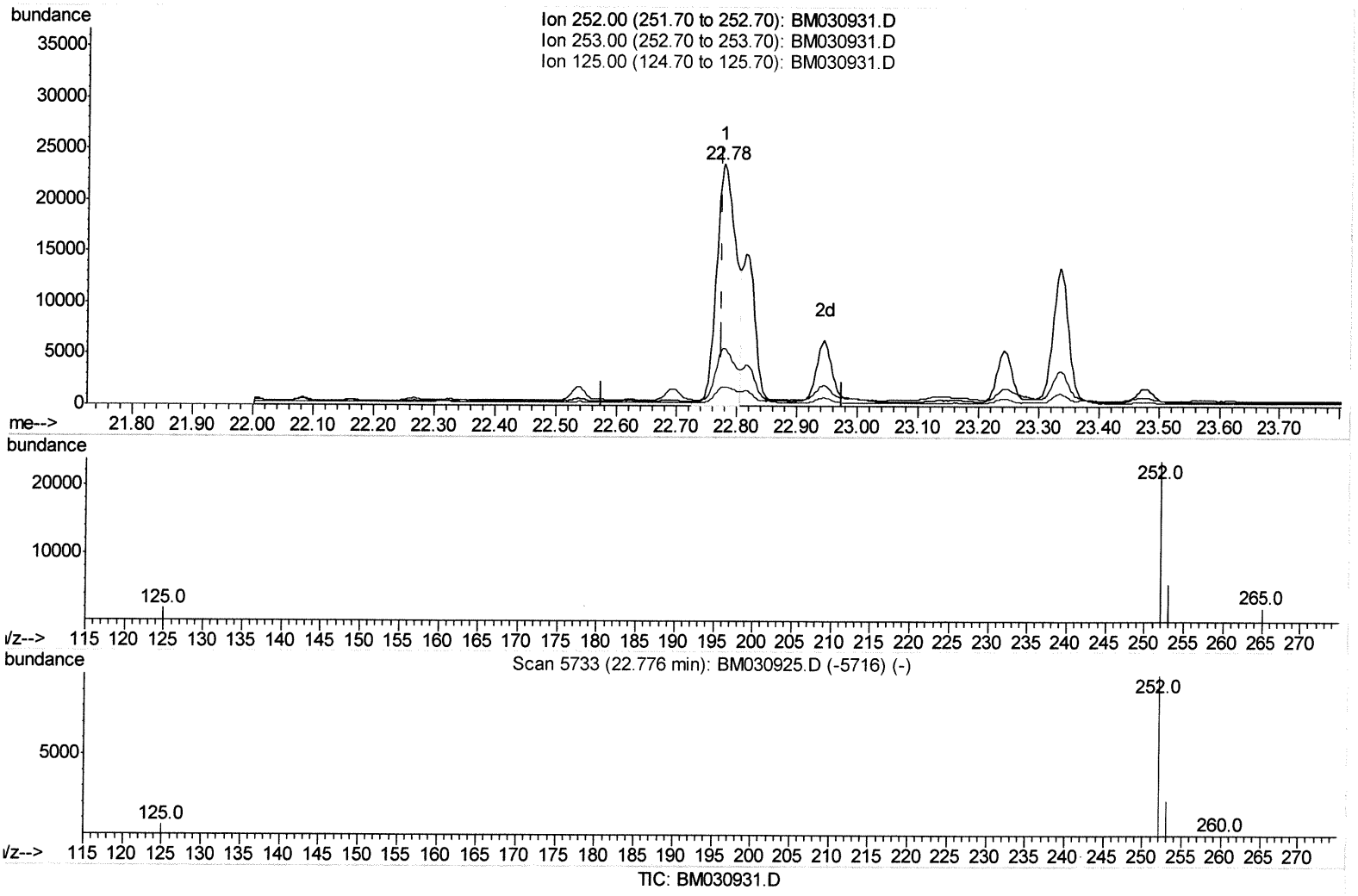
BNA_M
ClientSampleId :
BGDZ8

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:26 PM



TIC: BM030931.D

(24) Benzo(b)fluoranthene

22.779min (+0.003) 2.60ng/ul m

response 52599

JM 7/15/21

Ion	Exp%	Act%
252.00	100	100
253.00	31.00	23.80
125.00	11.60	7.74
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071321\
Data File : BM030931.D
Acq On : 13 Jul 2021 15:22
Operator : CG/JU
Sample : M2878-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 13 15:52:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:01:01 2021
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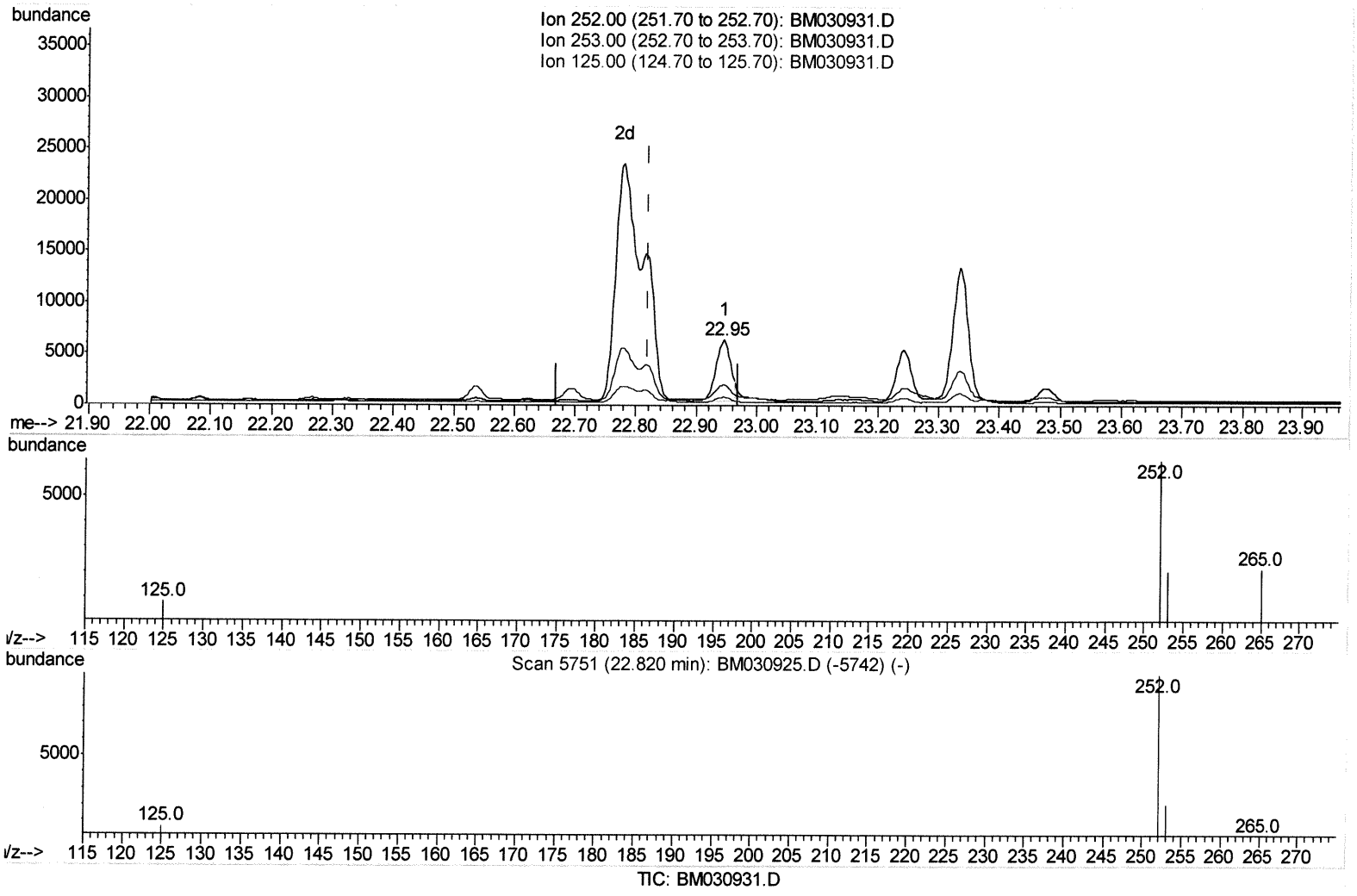
Instrument :
BNA_M
ClientSampleId :
BGDZ8

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:26 PM



(25) Benzo(k)fluoranthene

22.946min (+0.126) 0.48ng/ul

response 9700

Ion	Exp%	Act%
252.00	100	100
253.00	30.40	32.07
125.00	12.30	12.64
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071321\
Data File : BM030931.D
Acq On : 13 Jul 2021 15:22
Operator : CG/JU
Sample : M2878-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 13 15:52:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:01:01 2021
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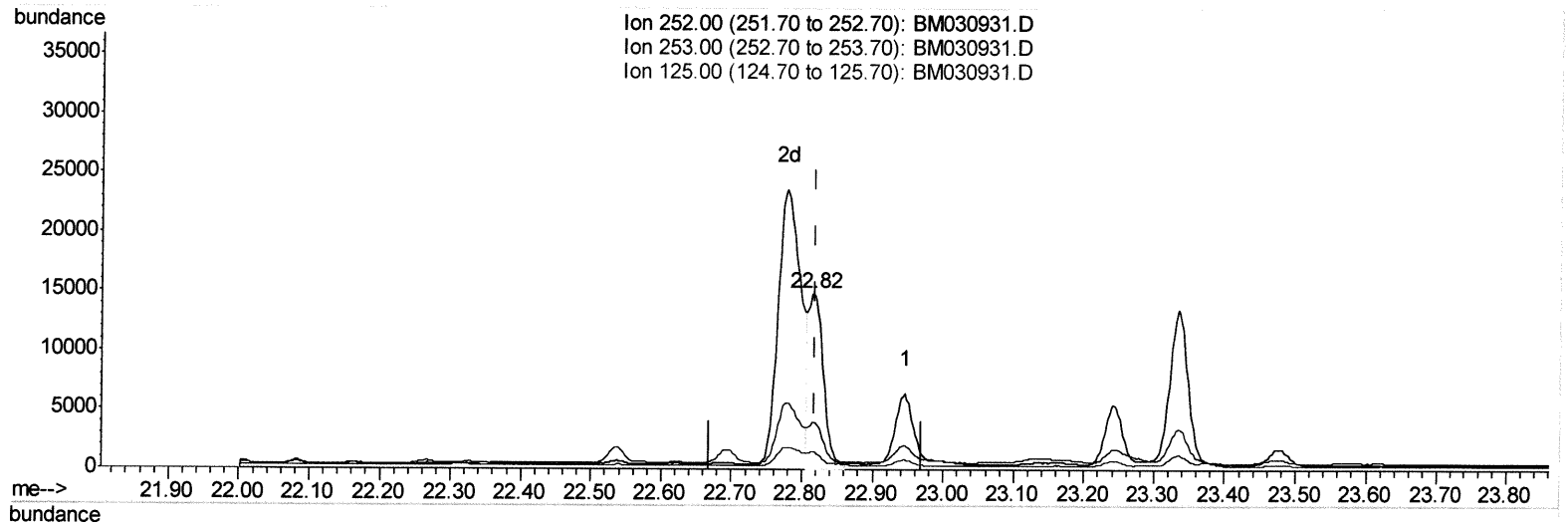
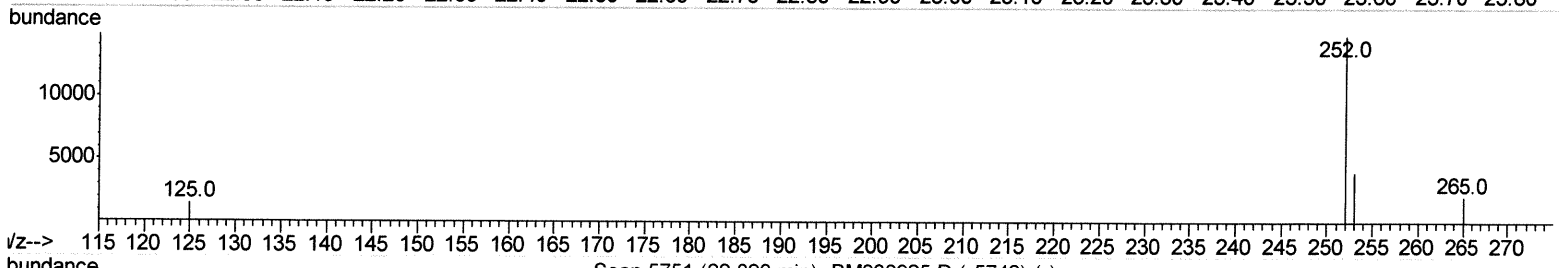
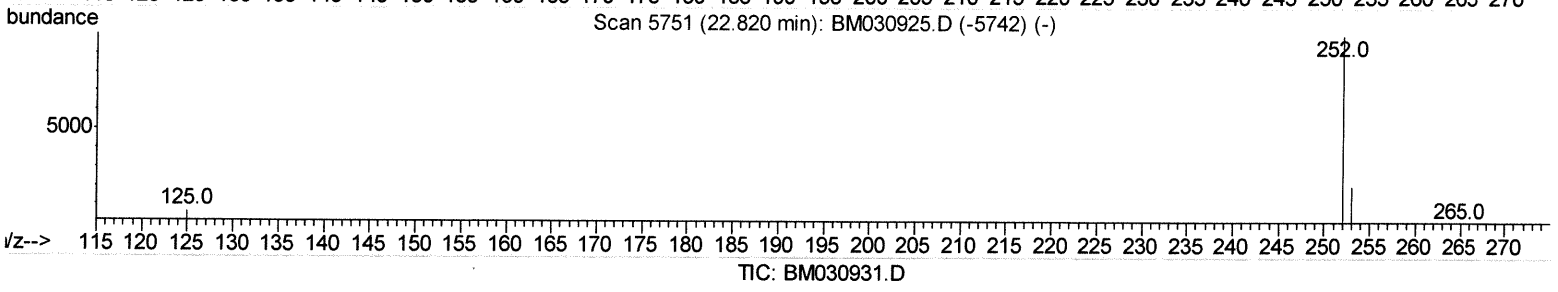
Instrument :
BNA_M
ClientSampleId :
BGDZ8

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:26 PM







TIC: BM030931.D

(25) Benzo(k)fluoranthene

22.815min (-0.005) 1.12ng/ul m

response 22786

JU 7/15/21

Ion	Exp%	Act%
252.00	100	100
253.00	30.40	26.97
125.00	12.30	10.04
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071321\
Data File : BM030931.D
Acq On : 13 Jul 2021 15:22
Operator : CG/JU
Sample : M2878-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDZ8

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:26 PM

Quant Time: Jul 13 15:53:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	811	0.40	ng/ul	0.00
4) Naphthalene-d8	10.44	136	2853	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.30	164	2036	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.05	188	4477	0.40	ng/ul	0.00
17) Chrysene-d12	21.24	240	4262	0.40	ng/ul	0.00
23) Perylene-d12	23.43	264	4179	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	1995	2.39	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.03	152	1016	0.20	ng/ul	0.00
18) Fluoranthene-d10	19.08	212	2952	0.21	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.49	128	1847	0.217	ng/ul	96
7) 2-Methylnaphthalene	12.11	142	319	0.053	ng/ul	96
8) 1-Methylnaphthalene	12.33	142	151	0.026	ng/ul	98
10) Acenaphthylene	14.02	152	1454	0.146	ng/ul#	92
11) Acenaphthene	14.36	153	1626	0.226	ng/ul	97
12) Fluorene	15.35	166	1318	0.154	ng/ul#	97
15) Phenanthrene	17.09	178	20121	1.432	ng/ul	97
16) Anthracene	17.18	178	9710	0.721	ng/ul	98
19) Fluoranthene	19.11	202	82117	4.374	ng/ul	96
20) Pyrene	19.47	202	55873	2.943	ng/ul	98
21) Benzo(a)anthracene	21.22	228	50497	2.742	ng/ul	96
22) Chrysene	21.27	228	41167	2.164	ng/ul	98
24) Benzo(b)fluoranthene	22.78	252	52599m	2.602	ng/ul	
25) Benzo(k)fluoranthene	22.82	252	22786m	1.121	ng/ul	
26) Benzo(a)pyrene	23.33	252	23387	1.332	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.62	276	17140	0.720	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.63	278	6570	0.341	ng/ul#	90
29) Benzo(g,h,i)perylene	26.27	276	928	0.046	ng/ul#	43

7/14/21

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