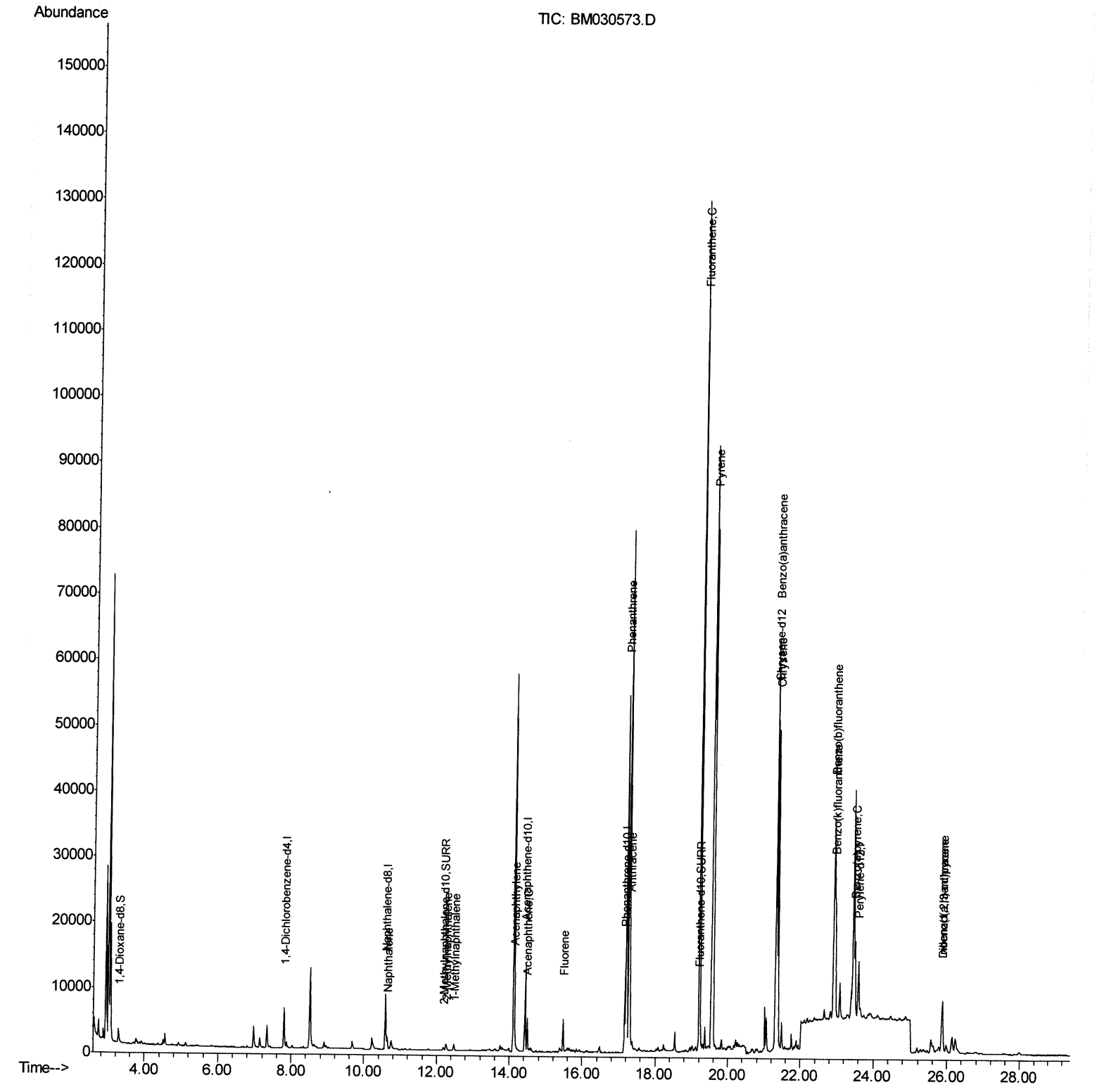
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\
Data File : BM030573.D
Acq On : 24 Jun 2021 13:46
Operator : CG/JU
Sample : M2662-23DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD97DL

Manual Integrations APPROVED
mohammad
6/25/2021 1:08:16 PM

Quant Time: Jun 24 14:27:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 12:48:41 2021
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\
Data File : BM030573.D
Acq On : 24 Jun 2021 13:46
Operator : CG/JU
Sample : M2662-23DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 24 14:25:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 12:48:41 2021
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Instrument :
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ClientSampleId :
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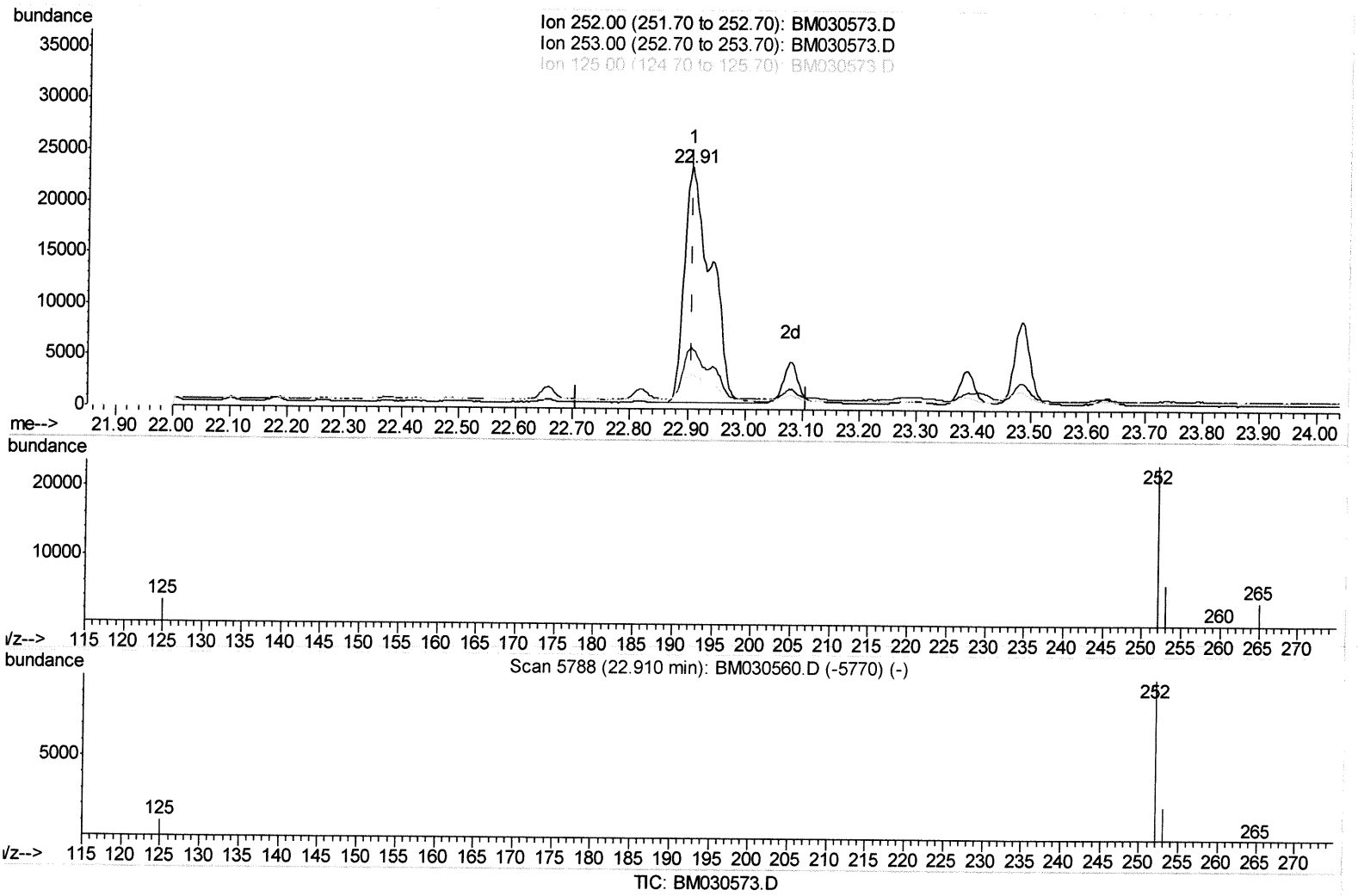
Manual Integrations APPROVED
mohammad
6/25/2021 1:08:16 PM



(24) Benzo(b)fluoranthene

22.907min (+0.000) 1.43ng/ul

response 74039

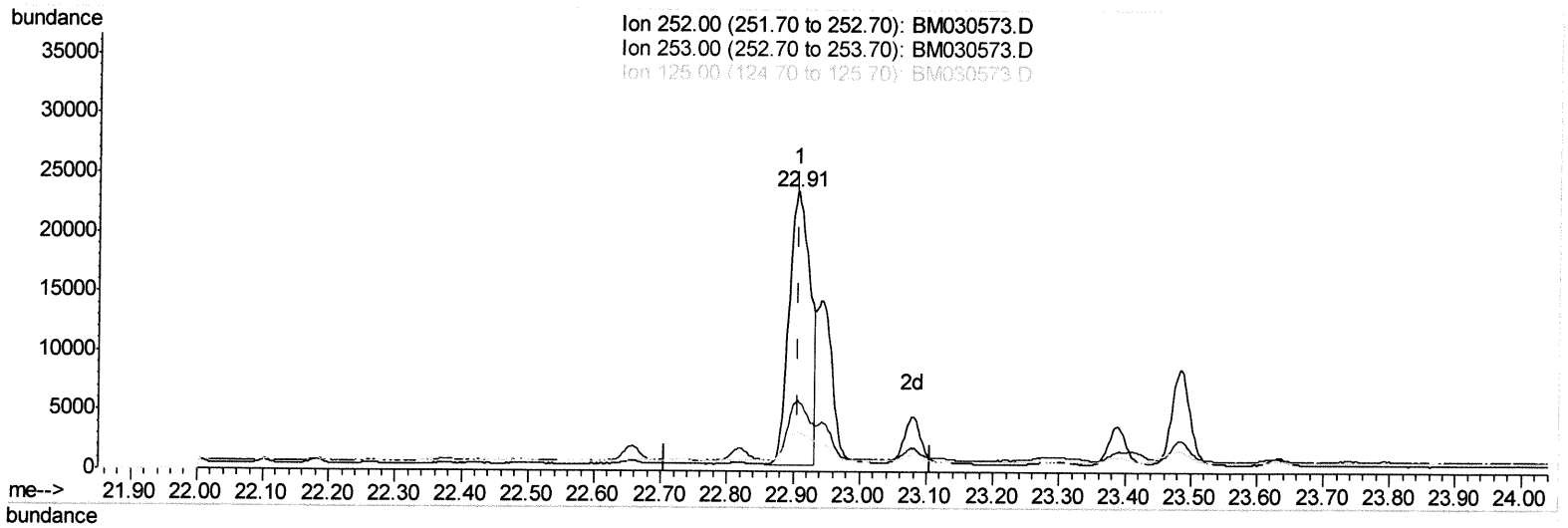
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	25.48
125.00	13.90	14.29
0.00	0.00	0.00

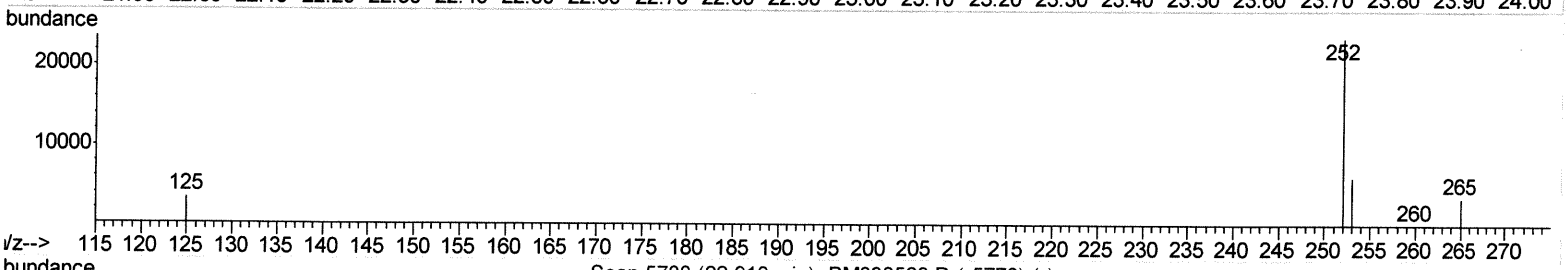
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\
Data File : BM030573.D
Acq On : 24 Jun 2021 13:46
Operator : CG/JU
Sample : M2662-23DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 24 14:25:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 12:48:41 2021
Response via : Initial Calibration

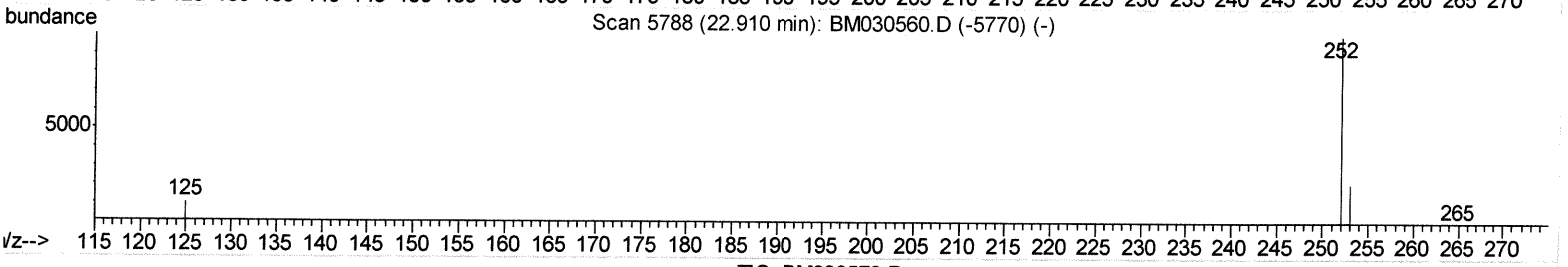
Instrument :
BNA_M
ClientSampleId :
BGD97DL

Manual Integrations APPROVED
mohammad
6/25/2021 1:08:16 PM





Scan 5788 (22.910 min): BM030560.D (-5770) (-)



TIC: BM030573.D

(24) Benzo(b)fluoranthene

22.907min (+0.000) 0.97ng/ul m JU 6/30/21

response 50296

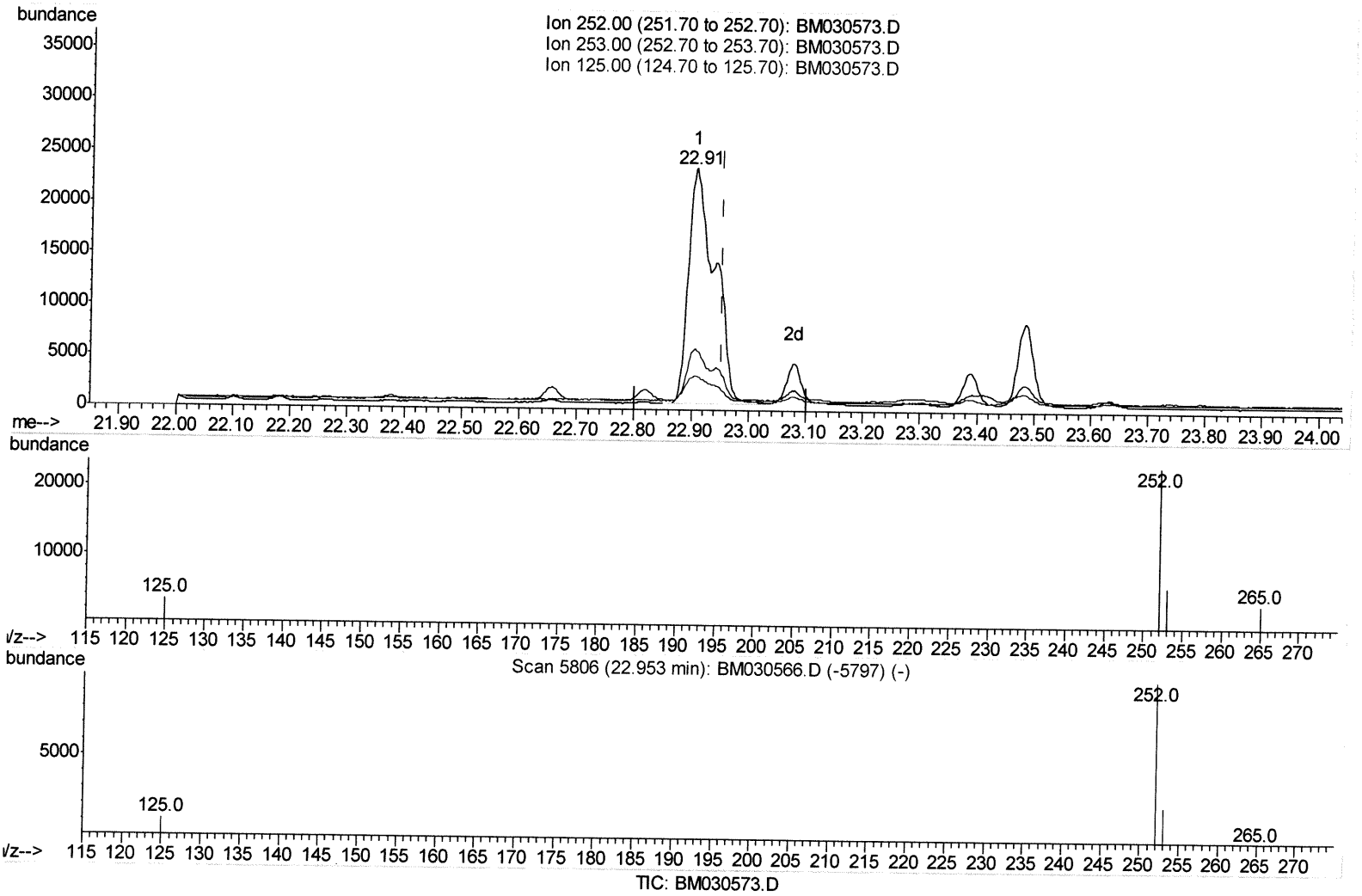
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	25.48
125.00	13.90	14.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\
Data File : BM030573.D
Acq On : 24 Jun 2021 13:46
Operator : CG/JU
Sample : M2662-23DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 29 06:13:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD97DL

Manual Integrations APPROVED
mohammad
6/25/2021 1:08:16 PM



(25) Benzo(k)fluoranthene

22.907min (-0.046) 1.36ng/ul

response 74039

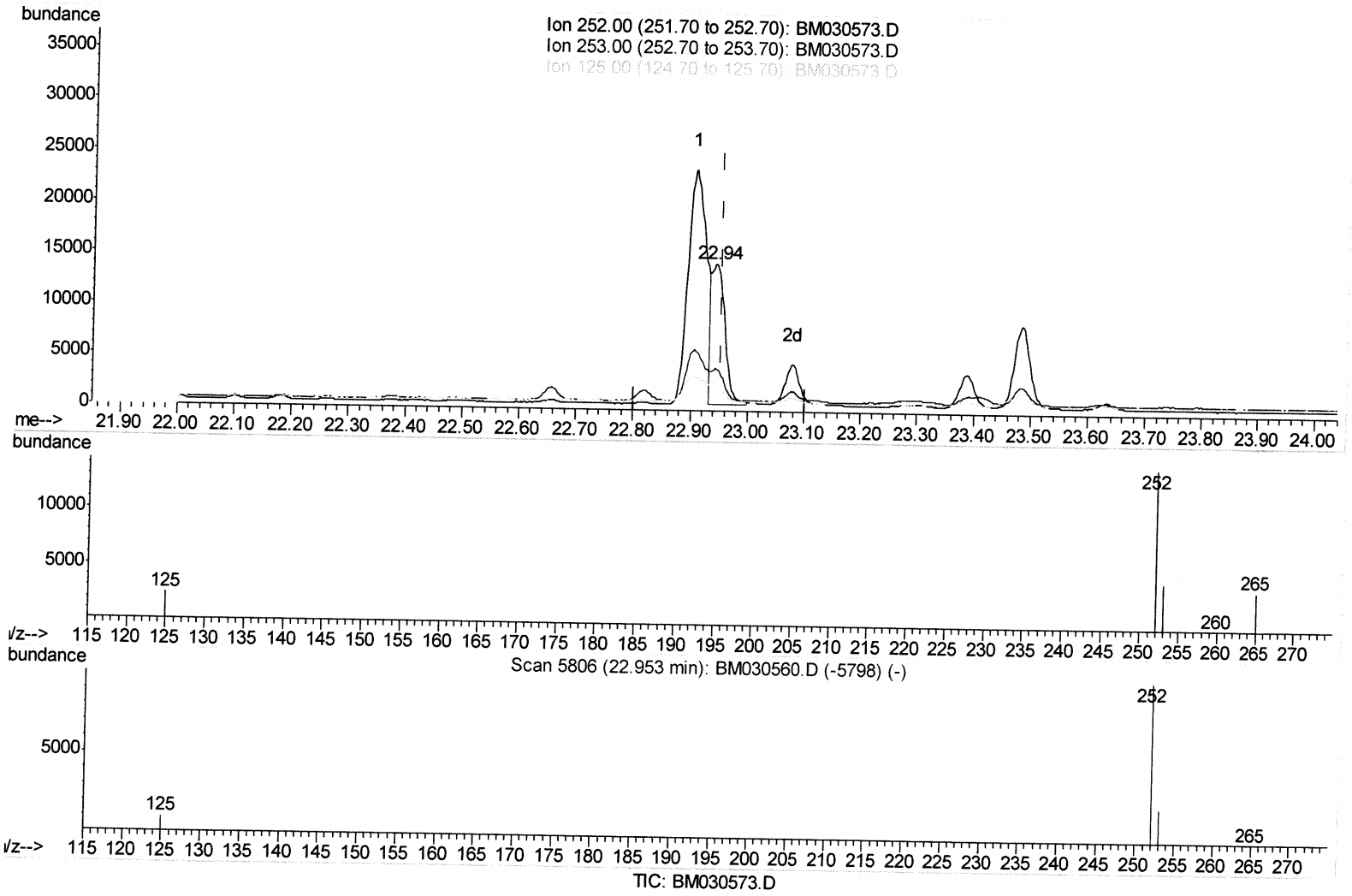
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	25.48
125.00	13.70	14.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\
Data File : BM030573.D
Acq On : 24 Jun 2021 13:46
Operator : CG/JU
Sample : M2662-23DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 24 14:25:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 12:48:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD97DL

Manual Integrations APPROVED
mohammad
6/25/2021 1:08:16 PM



(25) Benzo(k)fluoranthene

22.943min (-0.010) 0.43ng/ul m

response 23234 JU 6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	28.99
125.00	13.70	16.80#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\
Data File : BM030573.D
Acq On : 24 Jun 2021 13:46
Operator : CG/JU
Sample : M2662-23DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD97DL

Manual Integrations APPROVED
mohammad
6/25/2021 1:08:16 PM

Quant Time: Jun 24 14:27:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 12:48:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	3252	0.40 ng/ul	0.00
4) Naphthalene-d8	10.59	136	12511	0.40 ng/ul	0.00
9) Acenaphthene-d10	14.43	164	7451	0.40 ng/ul	0.00
13) Phenanthrene-d10	17.16	188	14796	0.40 ng/ul	0.00
17) Chrysene-d12	21.33	240	13077	0.40 ng/ul	0.00
23) Perylene-d12	23.58	264	11901	0.40 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.29	96	1772	0.51 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.18	152	630	0.03 ng/ul	0.00
18) Fluoranthene-d10	19.18	212	1394	0.03 ng/ul	0.00
Target Compounds					Qvalue
5) Naphthalene	10.64	128	2822	0.076 ng/ul#	93
7) 2-Methylnaphthalene	12.26	142	967	0.039 ng/ul	98
8) 1-Methylnaphthalene	12.47	142	739	0.030 ng/ul	97
10) Acenaphthylene	14.15	152	1029	0.030 ng/ul#	79
11) Acenaphthene	14.49	153	3034	0.107 ng/ul	97
12) Fluorene	15.47	166	3369	0.107 ng/ul#	95
15) Phenanthrene	17.20	178	58051	1.102 ng/ul	99
16) Anthracene	17.29	178	16087	0.349 ng/ul	99
19) Fluoranthene	19.21	202	112747	1.875 ng/ul	98
20) Pyrene	19.58	202	70816	1.150 ng/ul	99
21) Benzo(a)anthracene	21.31	228	52279	1.006 ng/ul	98
22) Chrysene	21.36	228	45981	0.797 ng/ul	97
24) Benzo(b)fluoranthene	22.91	252	50296m	0.972 ng/ul	
25) Benzo(k)fluoranthene	22.94	252	23234m	0.428 ng/ul	
26) Benzo(a)pyrene	23.49	252	15671	0.341 ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.87	276	11533	0.197 ng/ul#	95
28) Dibenzo(a,h)anthracene	25.87	278	4721	0.101 ng/ul#	69

JU 6/30/21

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