

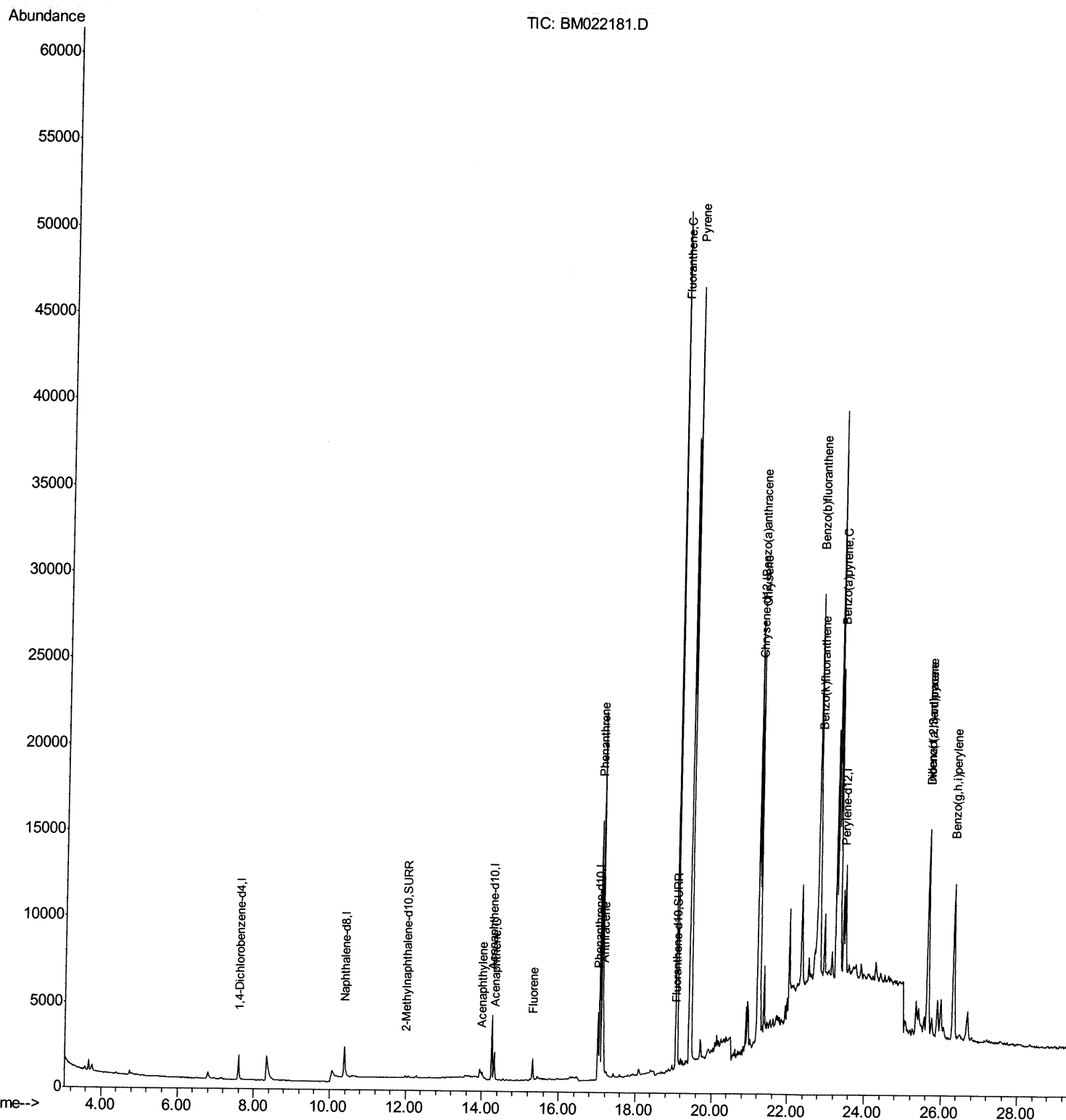
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
Data File : BM022181.D
Acq On : 16 Aug 2019 21:53
Operator : HP/JU
Sample : K4183-14DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF4DL

Manual Integrations
APPROVED

mohammad
8/19/2019 5:32:31 PM

Quant Time: Aug 17 05:15:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 17 04:19:12 2019
Response via : Initial Calibration



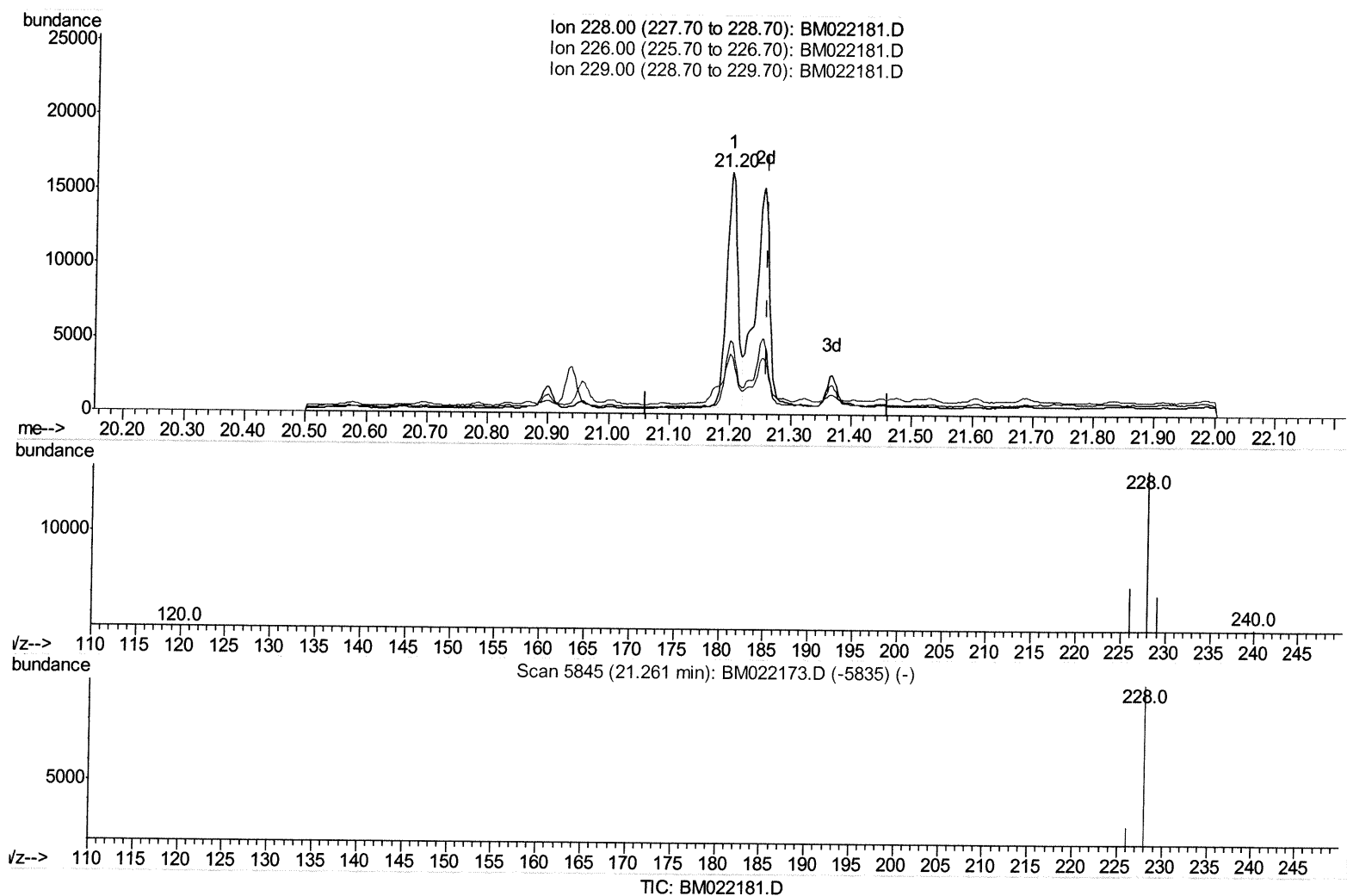
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(19) Chrysene

21.200min (-0.061) 0.84ng/ul

response 20274

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	30.38
229.00	20.80	24.94
0.00	0.00	0.00

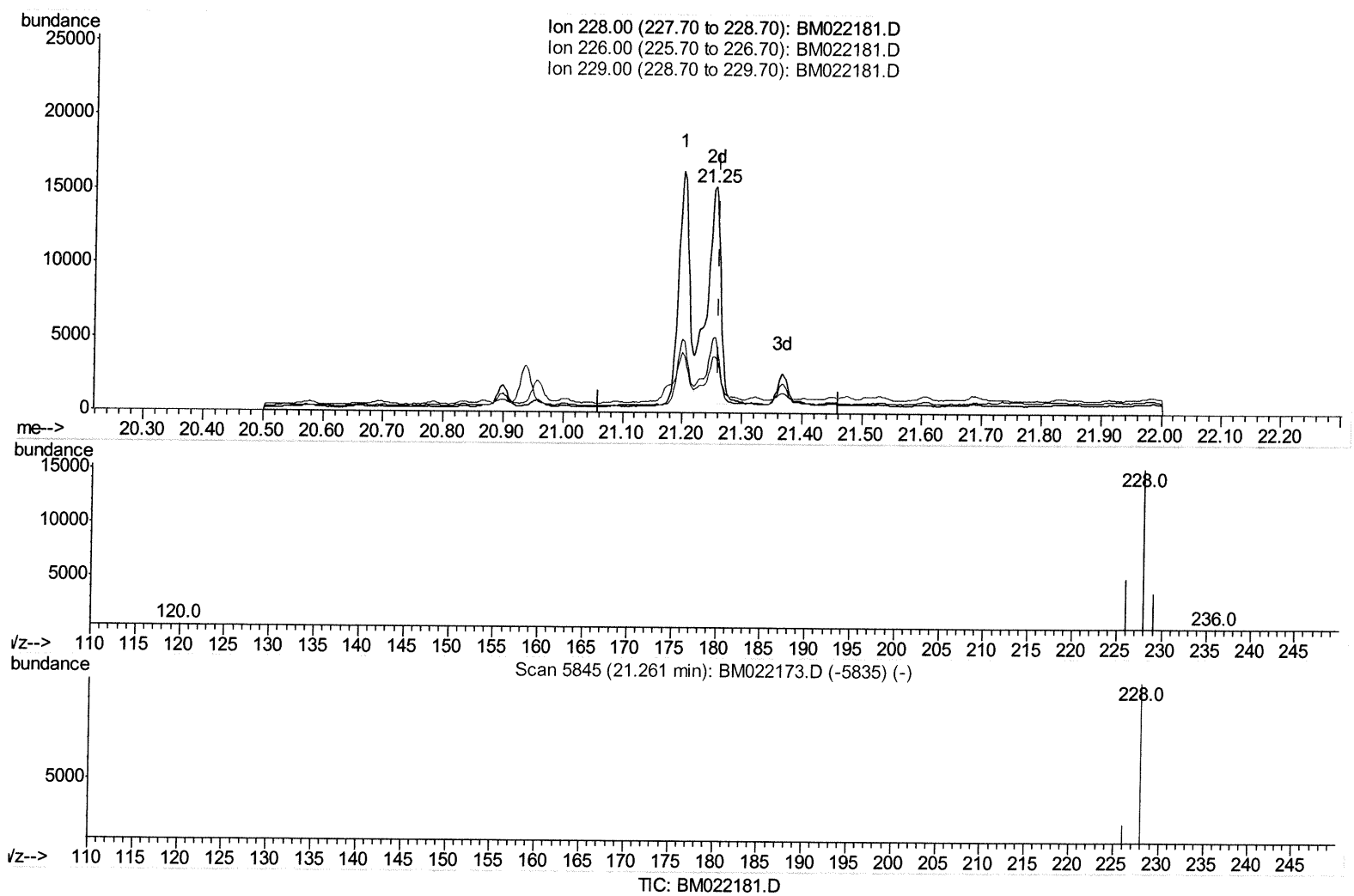
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(19) Chrysene

21.253min (-0.007) 1.00ng/ul m

JU
 08/20/19

response 24000

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	33.77
229.00	20.80	25.01#
0.00	0.00	0.00

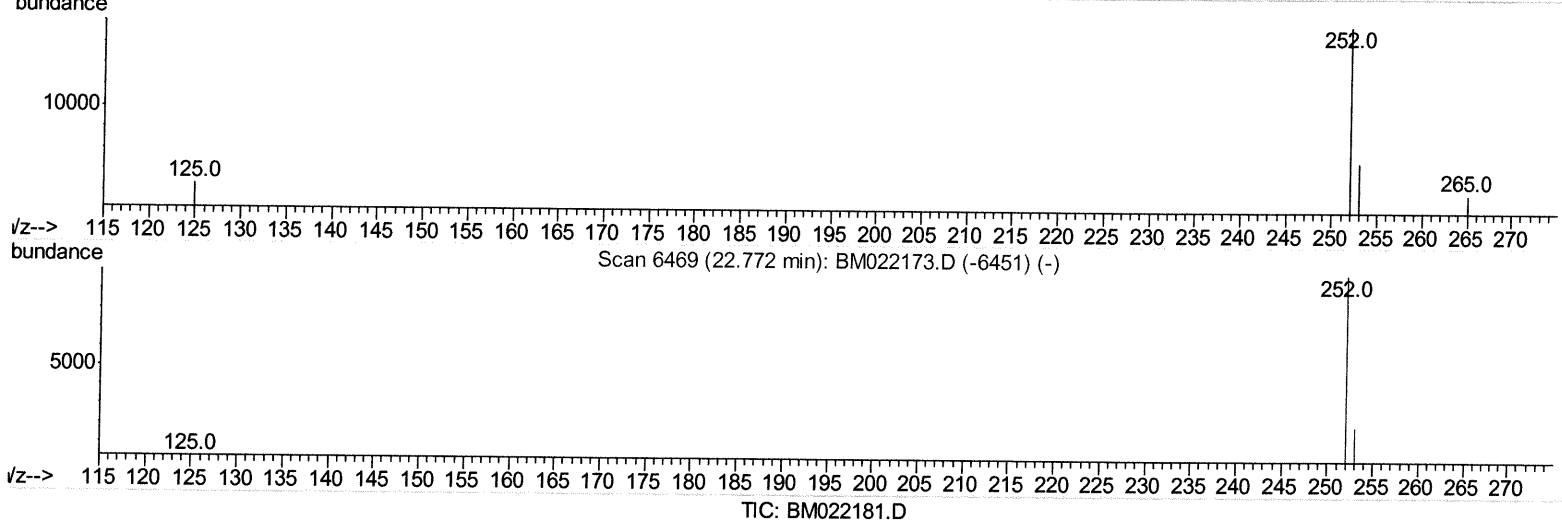
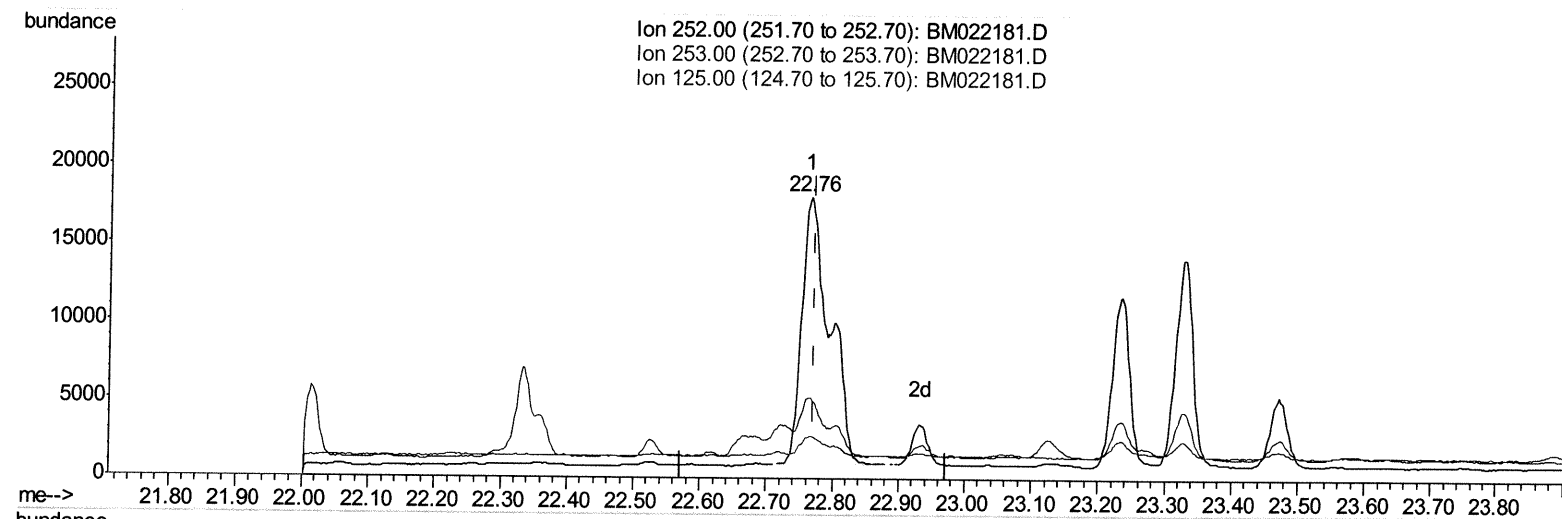
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(21) Benzo(b)fluoranthene
 22.764min (-0.007) 2.49ng/ul
 response 50666

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.75
125.00	15.50	15.08
0.00	0.00	0.00

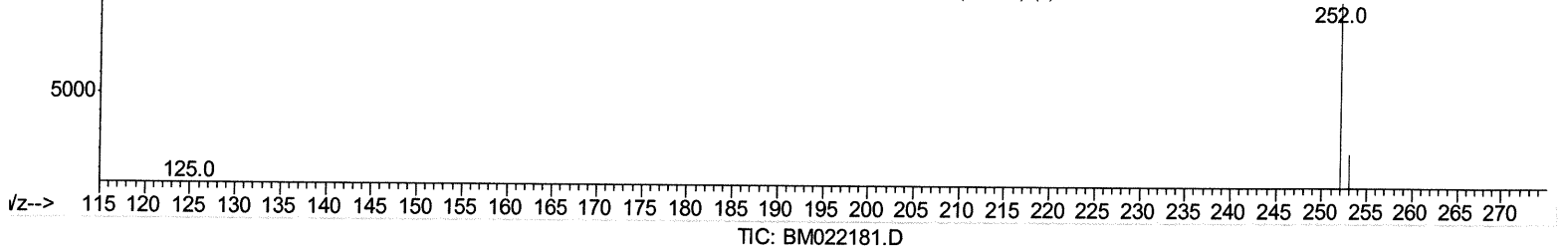
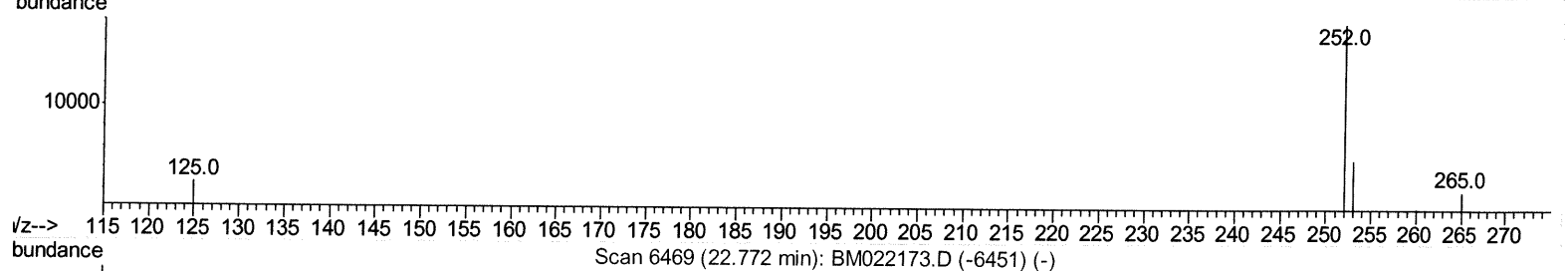
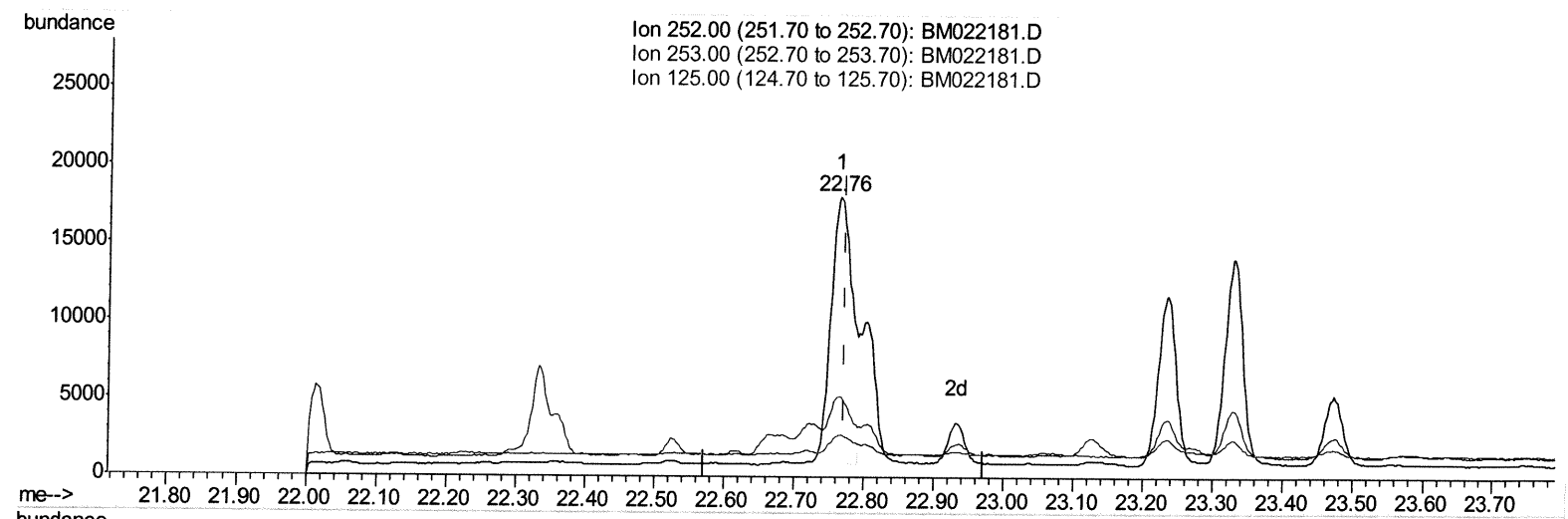
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(21) Benzo(b)fluoranthene

22.764min (-0.007) 1.81ng/ul m

JU
 8/20/19

response 36965

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.75
125.00	15.50	15.08
0.00	0.00	0.00

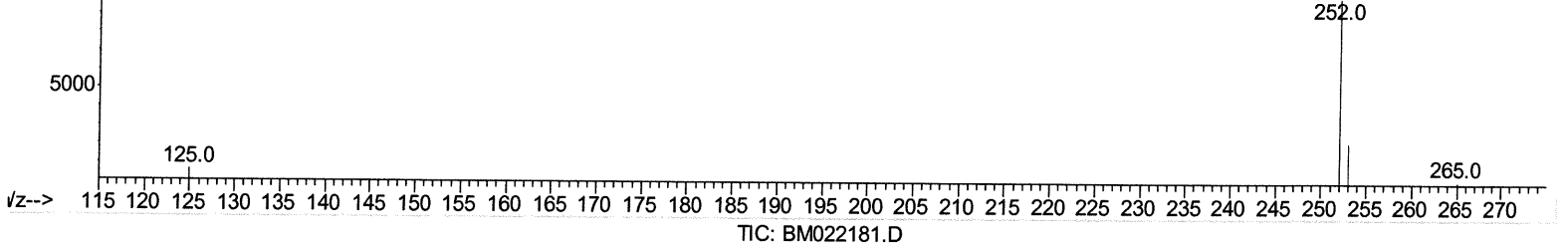
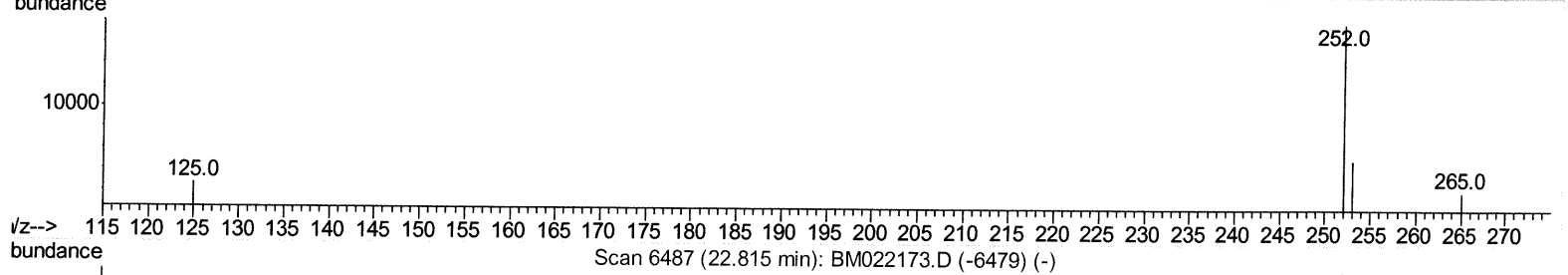
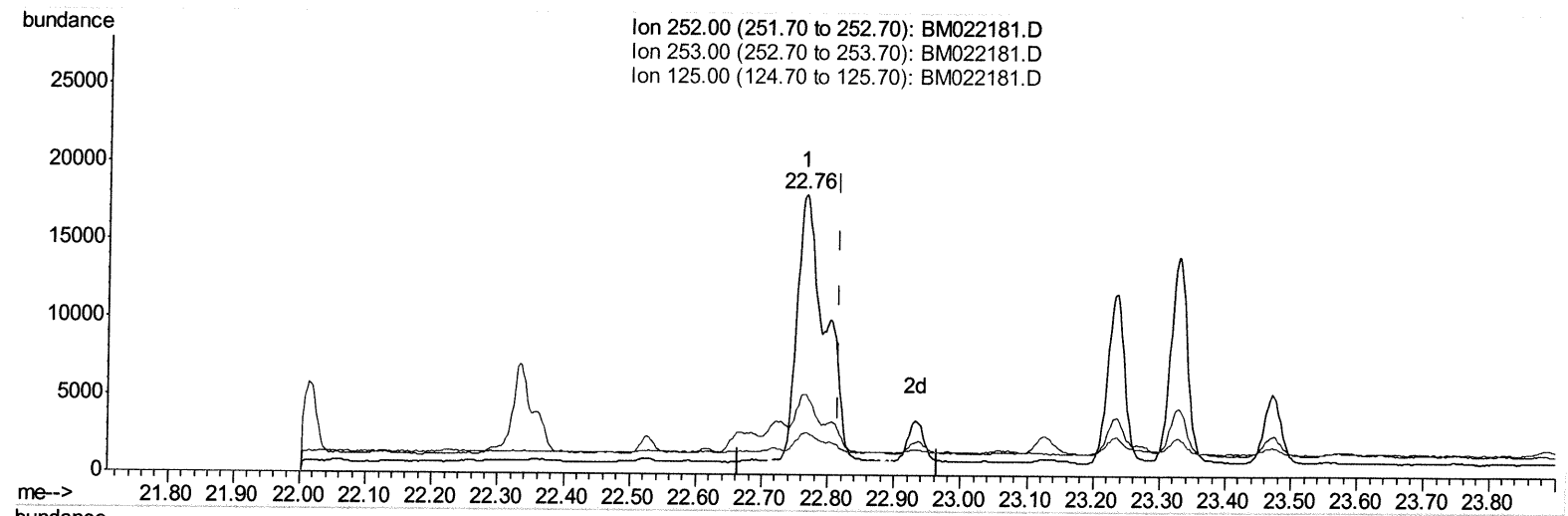
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(22) Benzo(k)fluoranthene
 22.764min (-0.051) 2.21ng/ul

response 50848

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.75
125.00	15.20	15.08
0.00	0.00	0.00

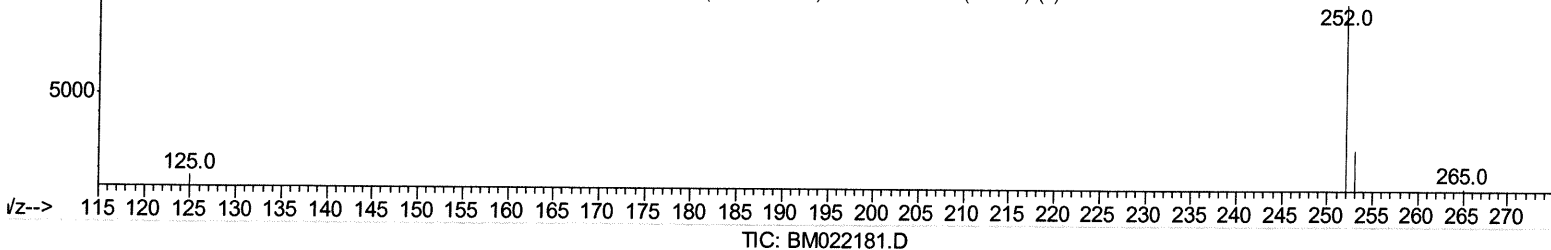
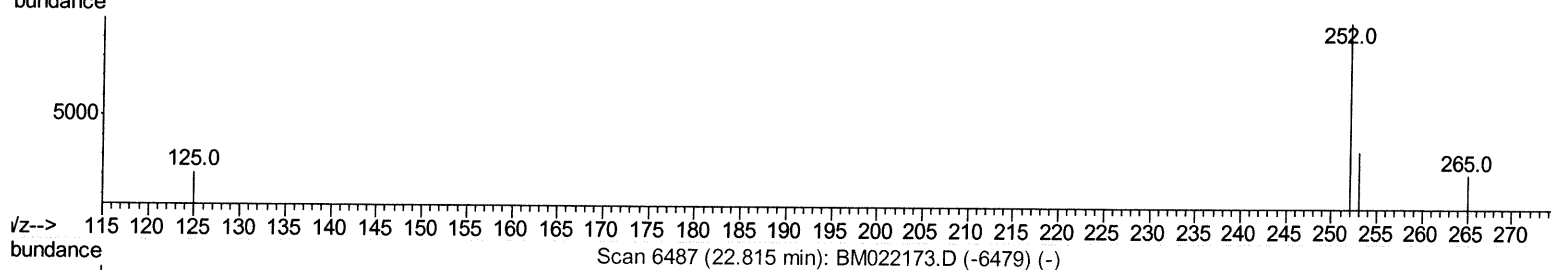
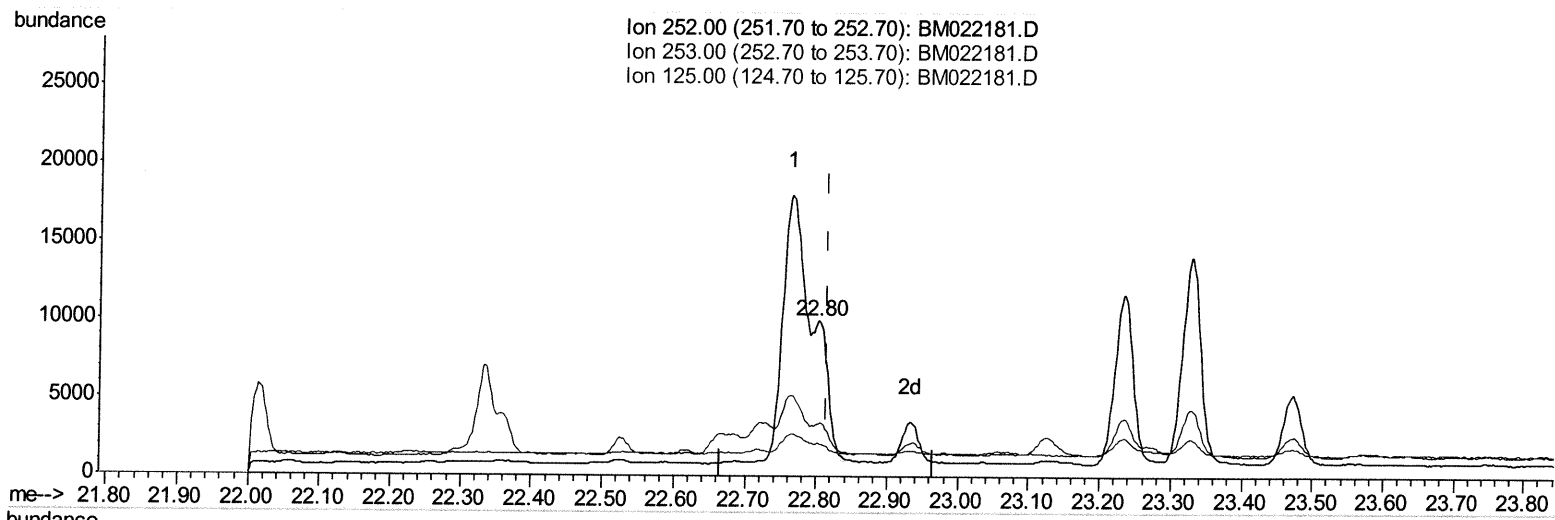
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 Sample : K4183-14DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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mohammad
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(22) Benzo(k)fluoranthene

22.803min (-0.012) 0.60ng/ul m

JU
 08/20/19

response 13748

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	34.06
125.00	15.20	21.18#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	851	0.40	nq/ul	0.00
2) Naphthalene-d8	10.38	136	3697	0.40	nq/ul	0.00
6) Acenaphthene-d10	14.25	164	2234	0.40	nq/ul	0.00
10) Phenanthrene-d10	17.01	188	5203	0.40	nq/ul	0.00
16) Chrysene-d12	21.22	240	5218	0.40	nq/ul	0.00
20) Perylene-d12	23.42	264	6040	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	192	0.03	nq/ul	0.03
14) Fluoranthene-d10	19.05	212	526	0.03	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	13.98	152	414	0.040	nq/ul#	59
8) Acenaphthene	14.32	153	1080	0.127	nq/ul	98
9) Fluorene	15.32	166	986	0.104	nq/ul#	97
12) Phenanthrene	17.05	178	16623	1.098	nq/ul	98
13) Anthracene	17.15	178	3353	0.260	nq/ul	98
15) Fluoranthene	19.08	202	43756	2.158	nq/ul	96
17) Pyrene	19.44	202	40428	1.885	nq/ul	98
18) Benzo(a)anthracene	21.20	228	20274	1.086	nq/ul	95
19) Chrysene	21.25	228	24000m	1.000	nq/ul	97
21) Benzo(b)fluoranthene	22.76	252	36965m	1.815	nq/ul	97
22) Benzo(k)fluoranthene	22.80	252	13748m	0.596	nq/ul	97
23) Benzo(a)pyrene	23.33	252	23828	1.150	nq/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.63	276	19719	0.797	nq/ul#	90
25) Dibenzo(a,h)anthracene	25.64	278	4953	0.248	nq/ul#	51
26) Benzo(a,h,i)perylene	26.32	276	18966	0.852	nq/ul	95

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