

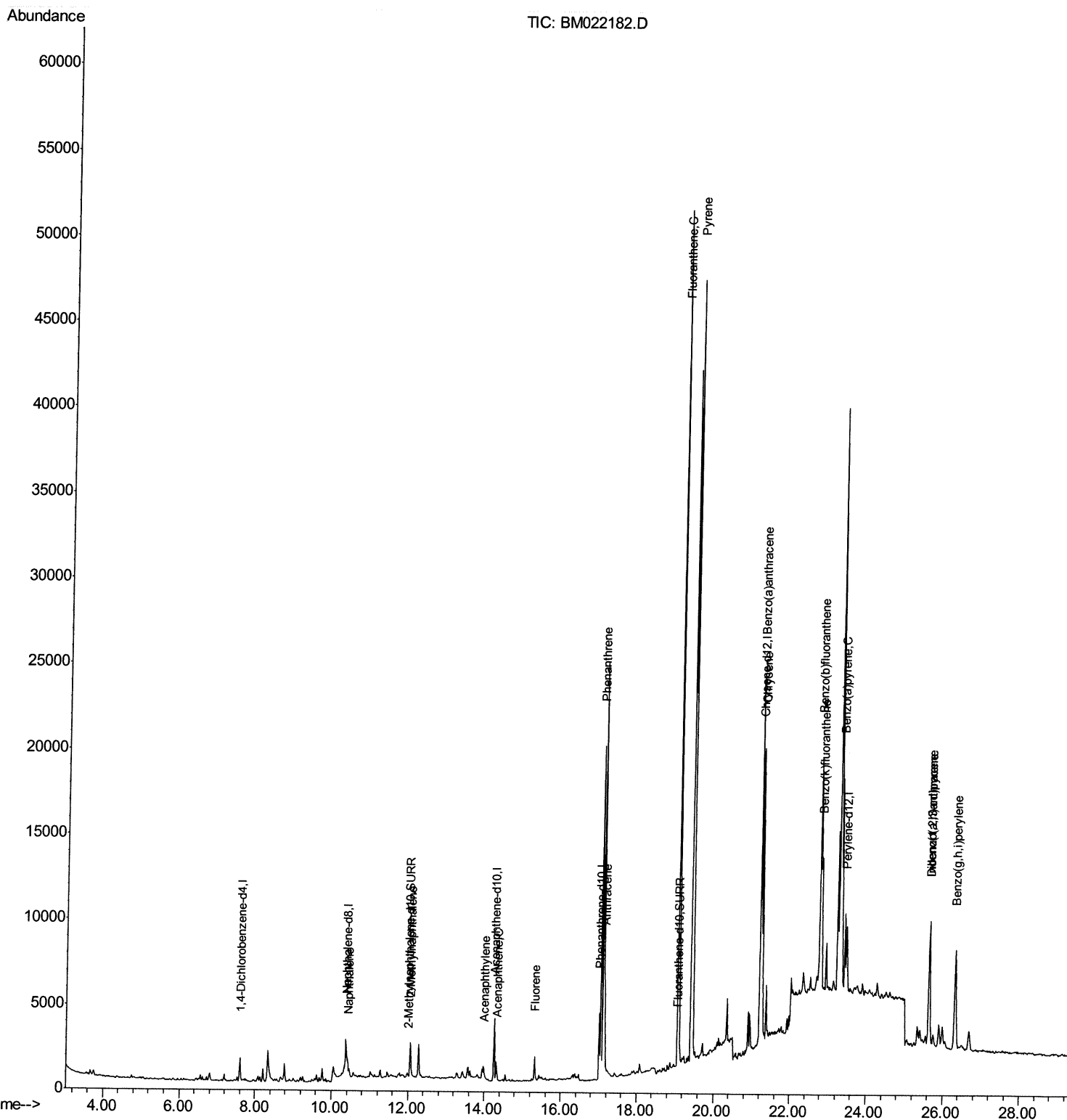
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
Data File : BM022182.D
Acq On : 16 Aug 2019 22:30
Operator : HP/JU
Sample : K4183-17DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG4DL

Manual Integrations
APPROVED

mohammad
8/19/2019 5:32:34 PM

Quant Time: Aug 17 05:19:07 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



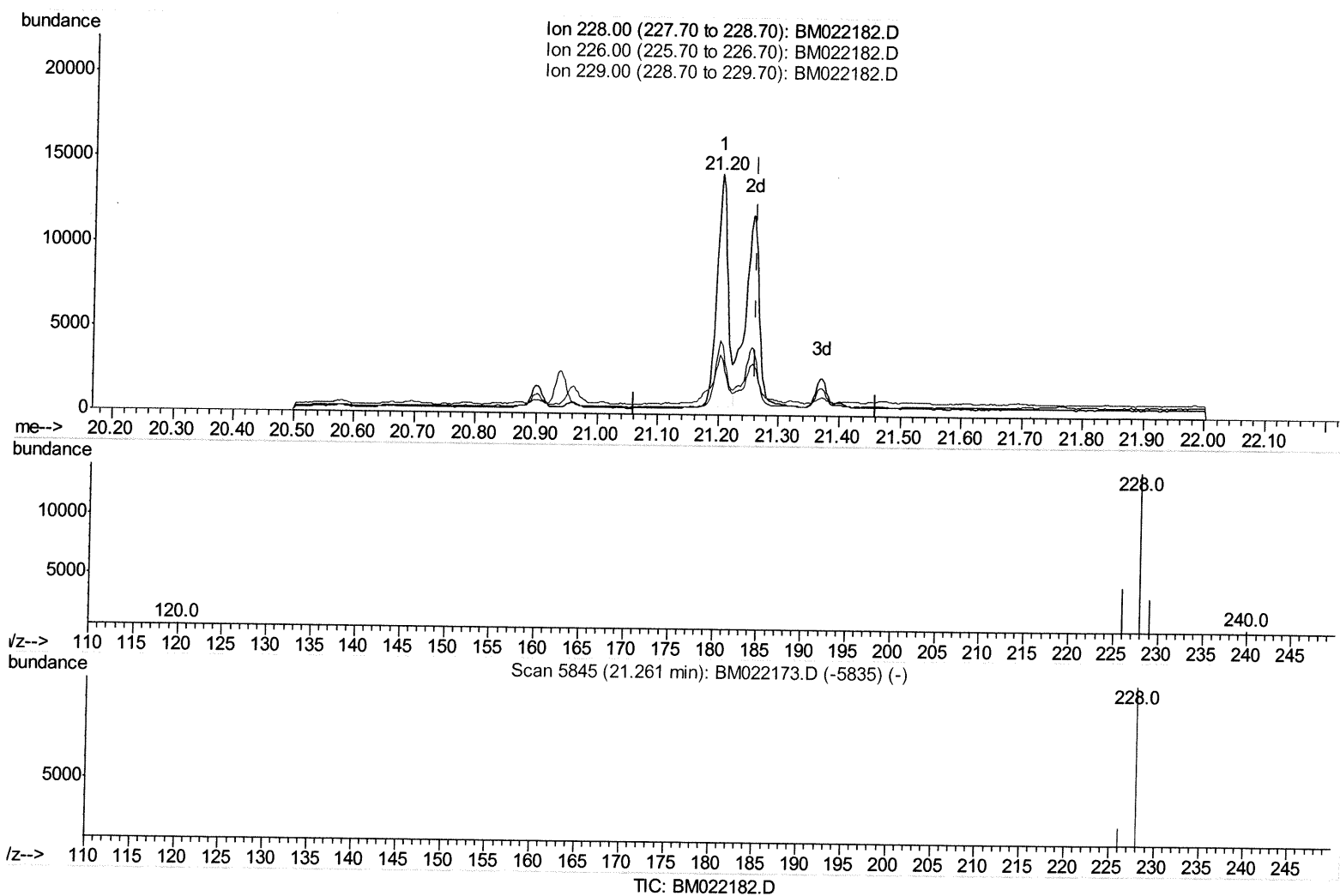
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(19) Chrysene

21.203min (-0.058) 0.74ng/ul

response 17517

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	30.81
229.00	20.80	24.79
0.00	0.00	0.00

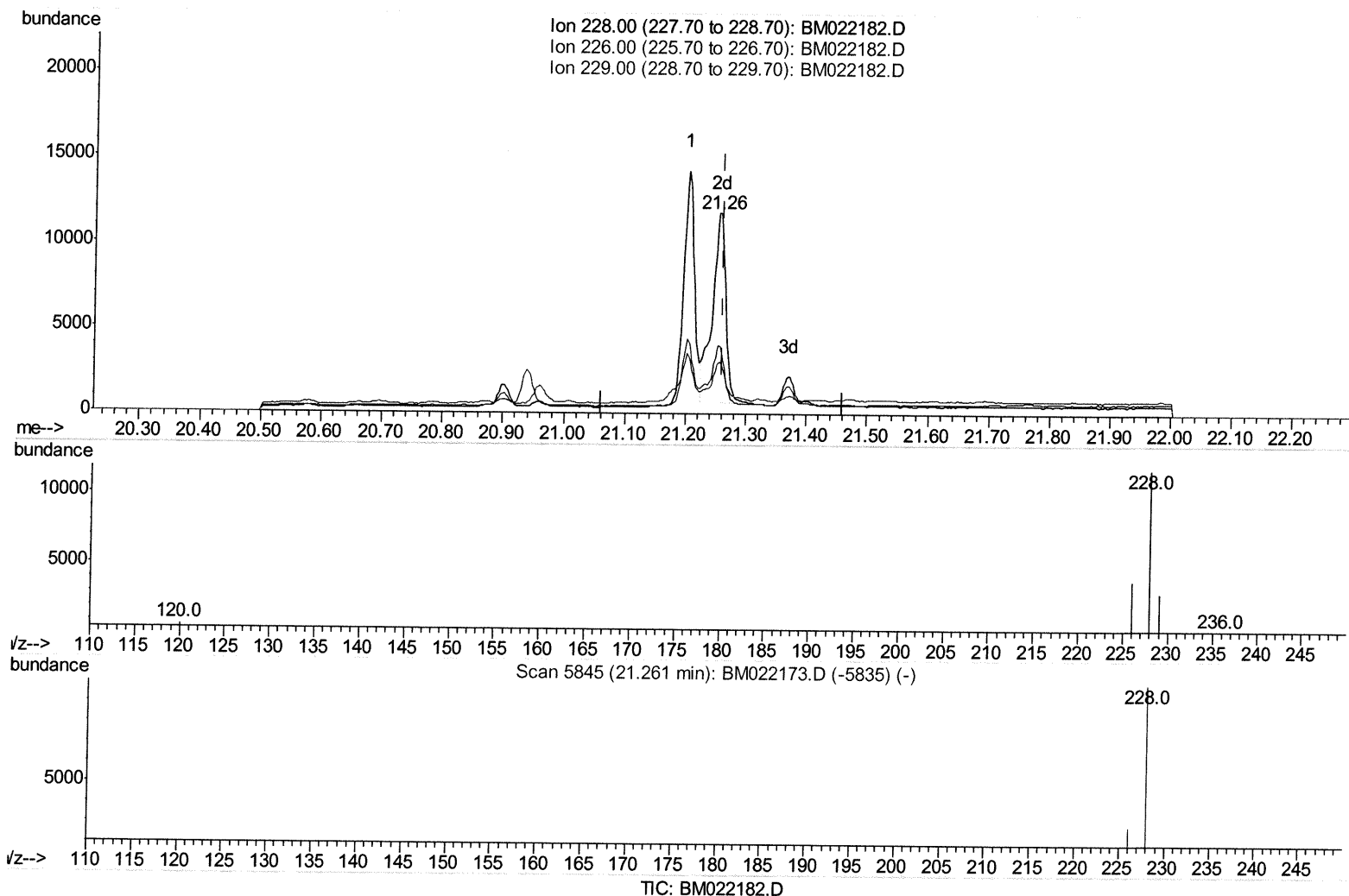
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(19) Chrysene

21.256min (-0.005) 0.73ng/ul m

response 17257

Ion	Exp%	Act%
228.00	100	100
226.00	31.10	33.51
229.00	20.80	26.02#
0.00	0.00	0.00

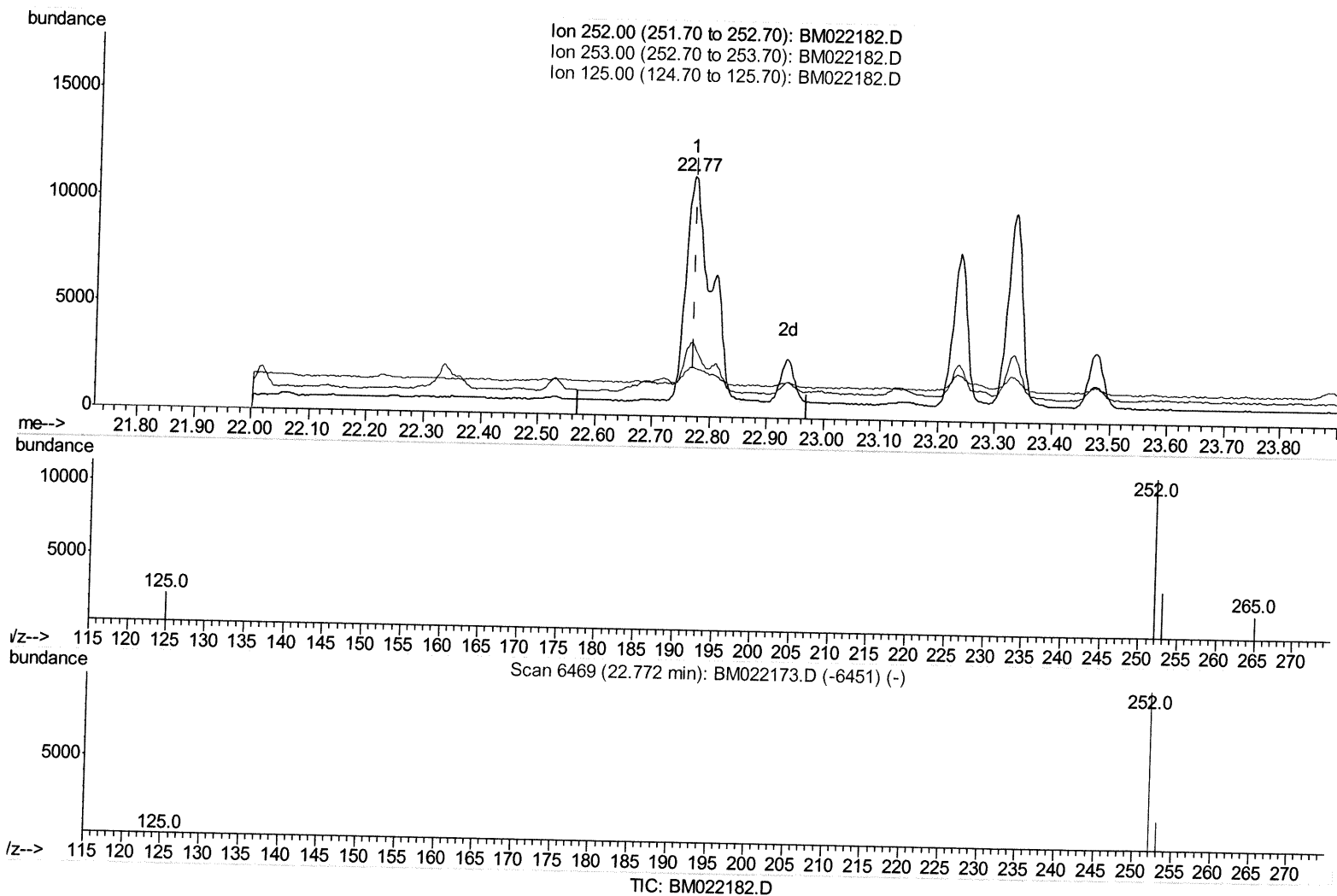
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(21) Benzo(b)fluoranthene

22.767min (-0.005) 1.66ng/ul

response 32001

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.85
125.00	15.50	20.44
0.00	0.00	0.00

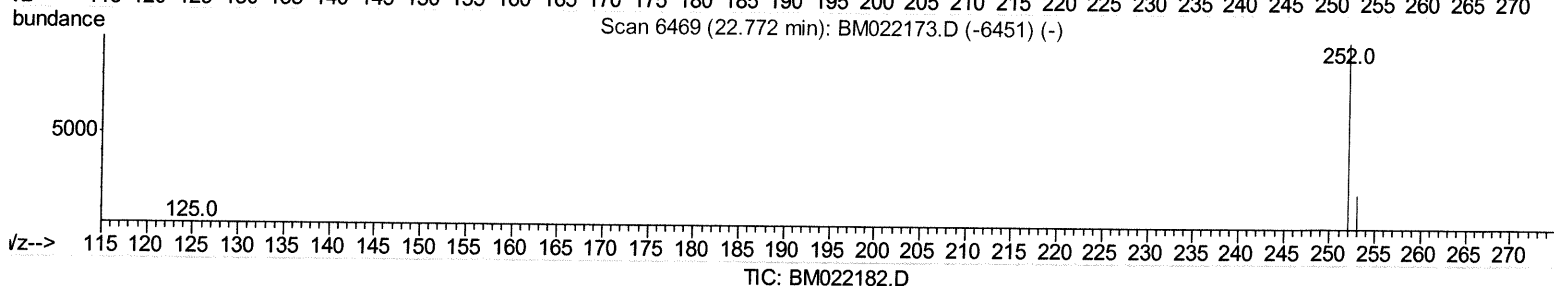
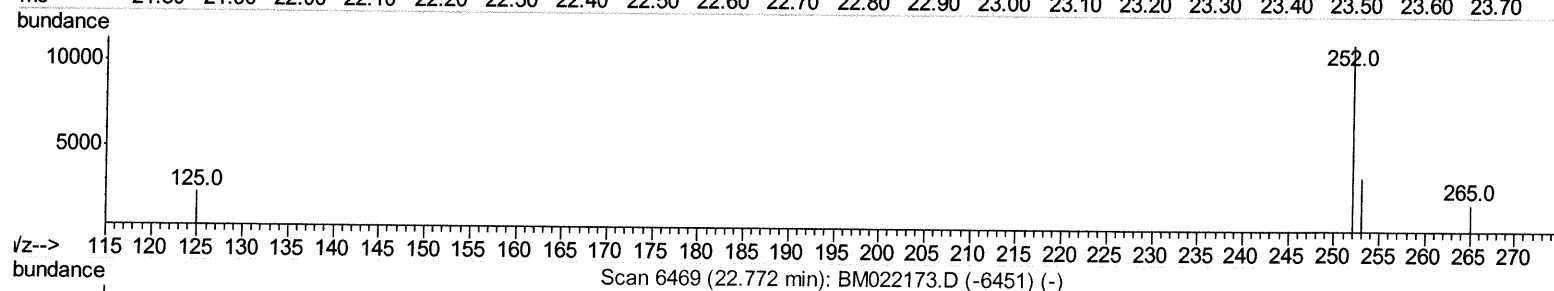
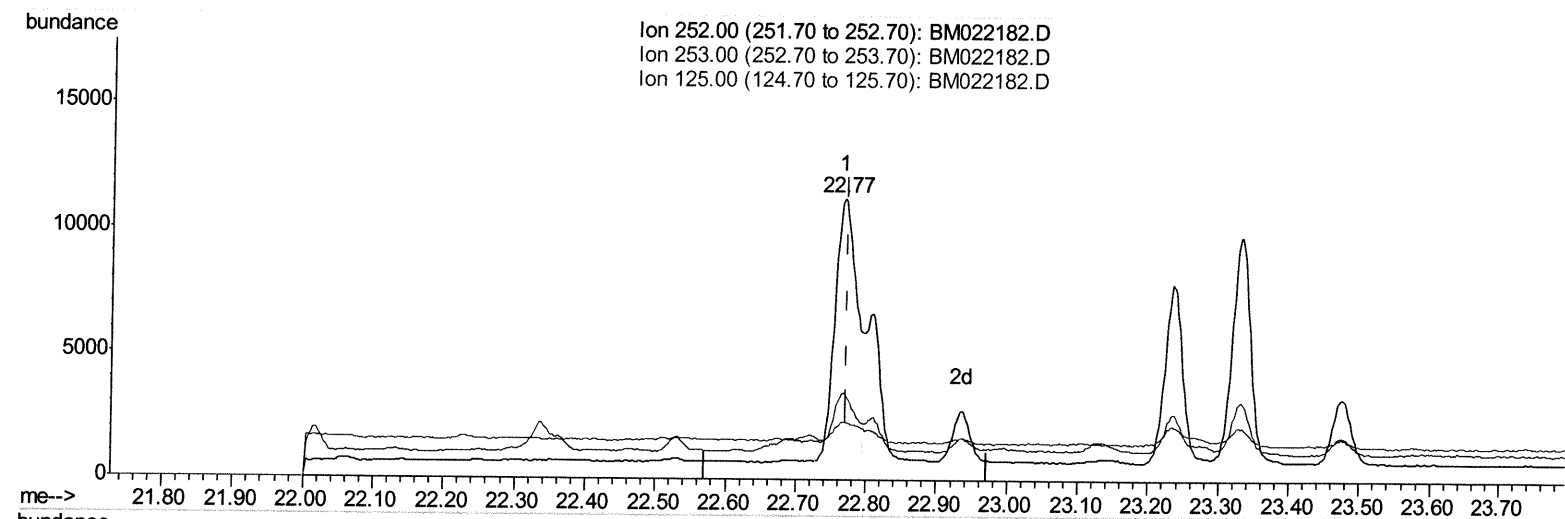
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(21) Benzo(b)fluoranthene

22.767min (-0.005) 1.18ng/ul m

Ju
08/20/19

response 22739

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.85
125.00	15.50	20.44
0.00	0.00	0.00

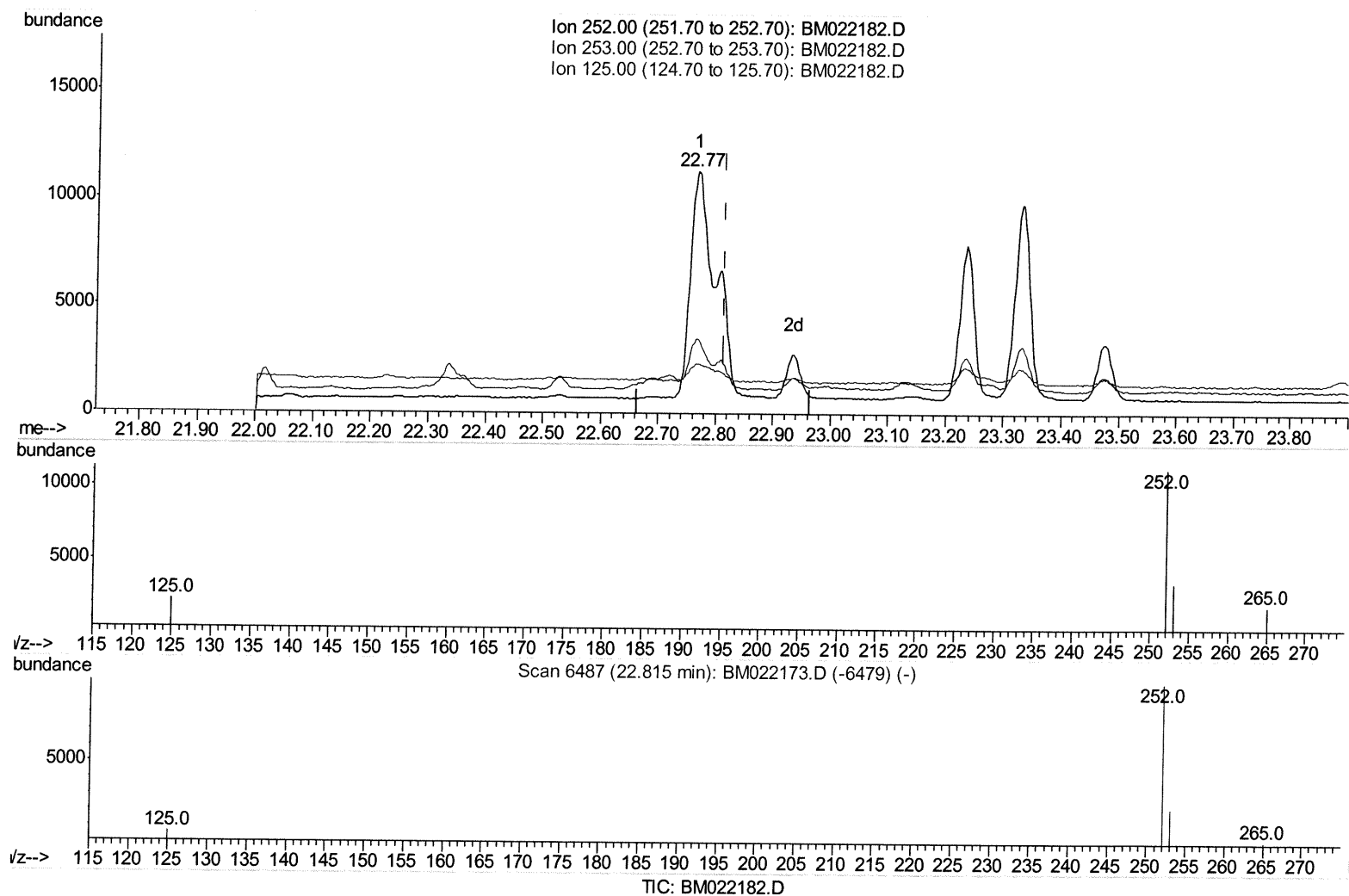
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(22) Benzo(k)fluoranthene

22.767min (-0.048) 1.47ng/ul

response 32001

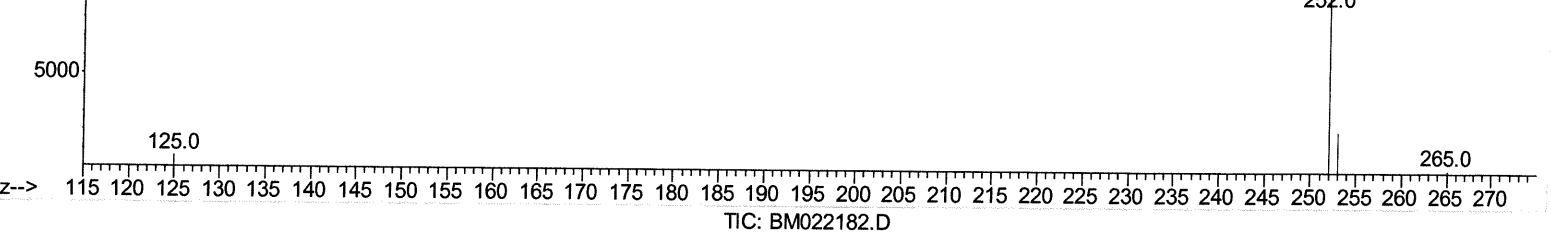
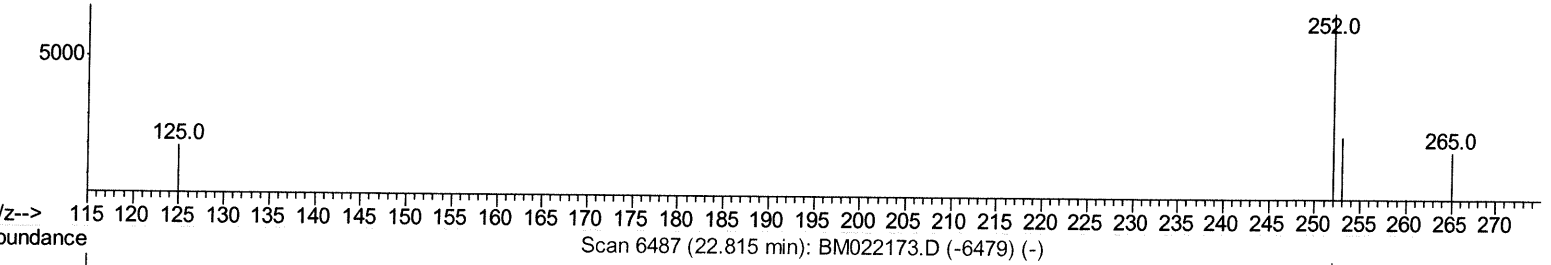
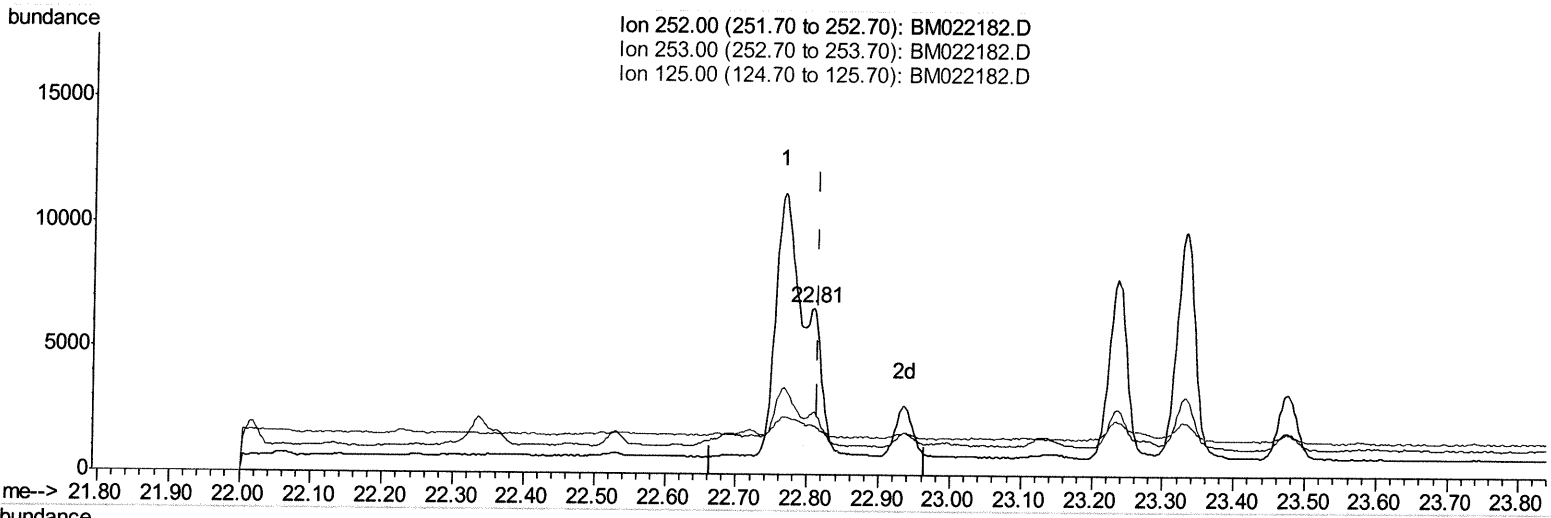
Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.85
125.00	15.20	20.44#
0.00	0.00	0.00

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(22) Benzo(k)fluoranthene
 22.808min (-0.007) 0.40ng/ul m *JU 08/20/17*

response 8702

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	37.71
125.00	15.20	29.48#
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	797	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3510	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	2145	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	4956	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	5154	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5714	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.98	152	188	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	564	0.03	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.42	128	1410	0.142	ng/ul#	80
5) 2-Methylnaphthalene	12.06	142	2168	0.328	ng/ul	95
7) Acenaphthylene	13.98	152	747	0.075	ng/ul#	75
8) Acenaphthene	14.31	153	723	0.088	ng/ul	94
9) Fluorene	15.32	166	1077	0.118	ng/ul#	97
12) Phenanthrene	17.05	178	21364	1.482	ng/ul	97
13) Anthracene	17.15	178	6311	0.513	ng/ul	99
15) Fluoranthene	19.08	202	45171	2.338	ng/ul	94
17) Pyrene	19.45	202	39760	1.877	ng/ul	97
18) Benzo(a)anthracene	21.20	228	17517	0.950	ng/ul	94
19) Chrysene	21.26	228	17257m	0.728	ng/ul	90
21) Benzo(b)fluoranthene	22.77	252	22739m	1.180	ng/ul	89
22) Benzo(k)fluoranthene	22.81	252	8702m	0.399	ng/ul	33
23) Benzo(a)pyrene	23.33	252	16437	0.839	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	25.64	276	11887	0.508	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.64	278	2968	0.157	ng/ul#	33
26) Benzo(a,h,i)perylene	26.32	276	12332	0.585	ng/ul#	91

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