

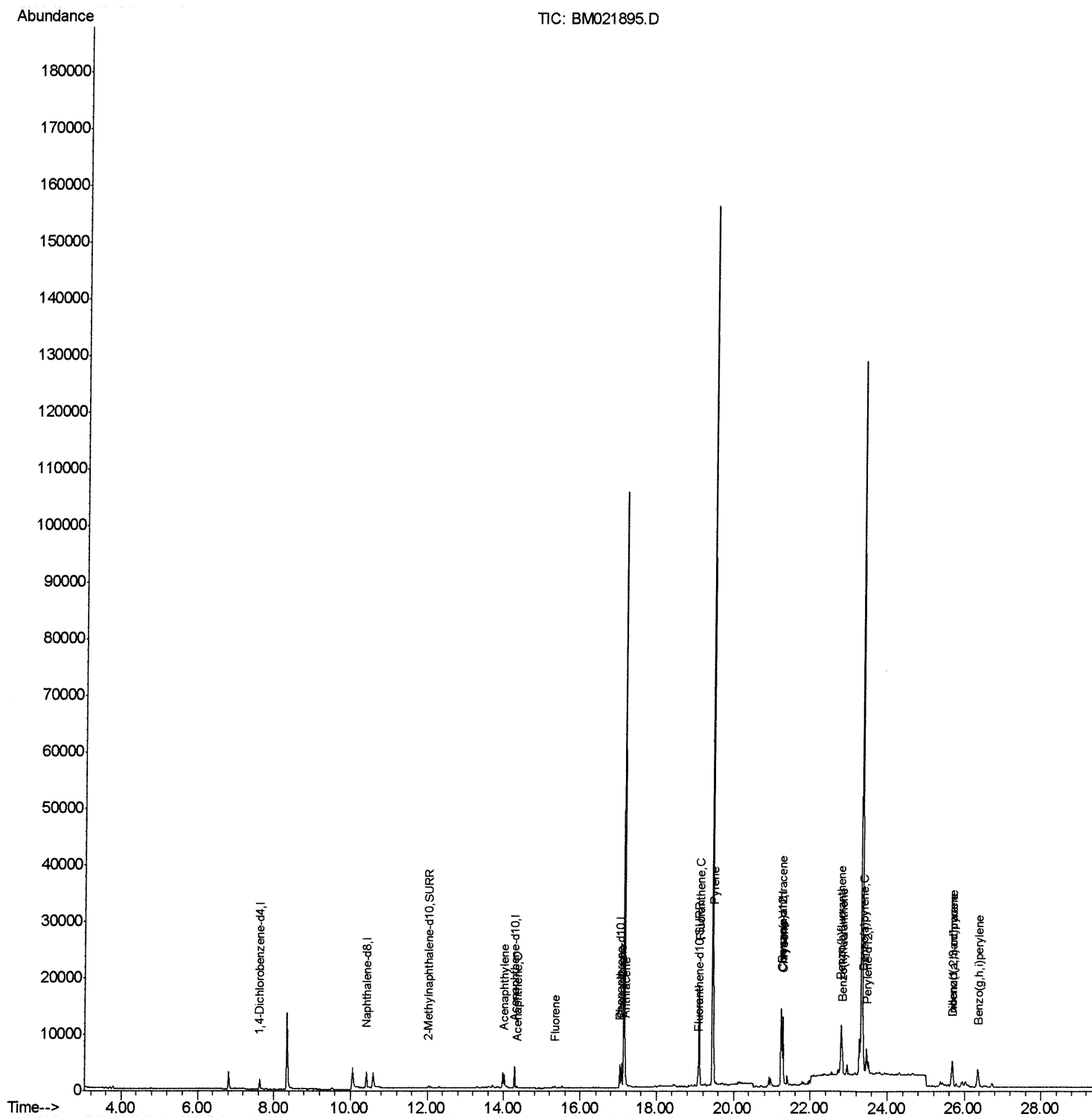
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021895.D
Acq On : 07 Aug 2019 14:36
Operator : HP/JU
Sample : K3893-04DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP02DL

Manual Integrations
APPROVED

mohammad
8/7/2019 11:52:32 PM

Quant Time: Aug 07 15:30:35 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration



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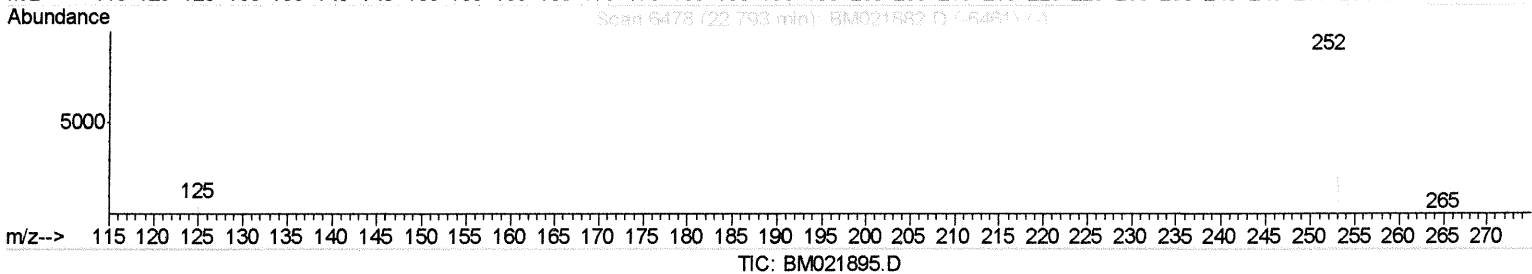
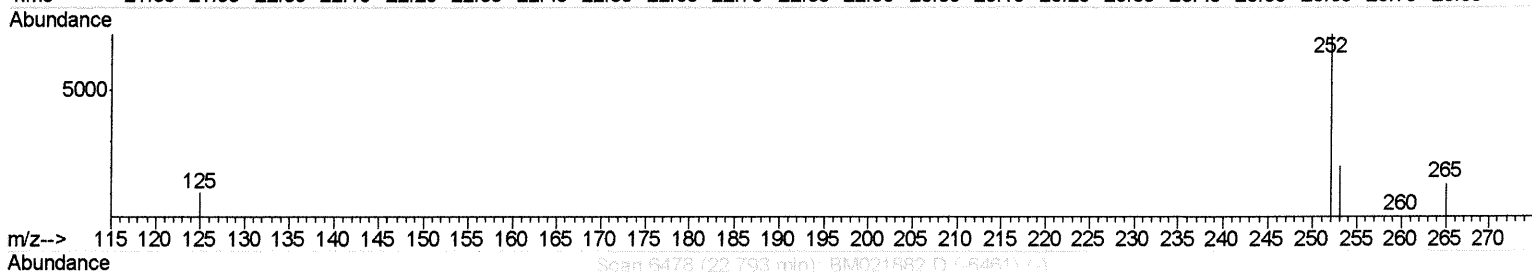
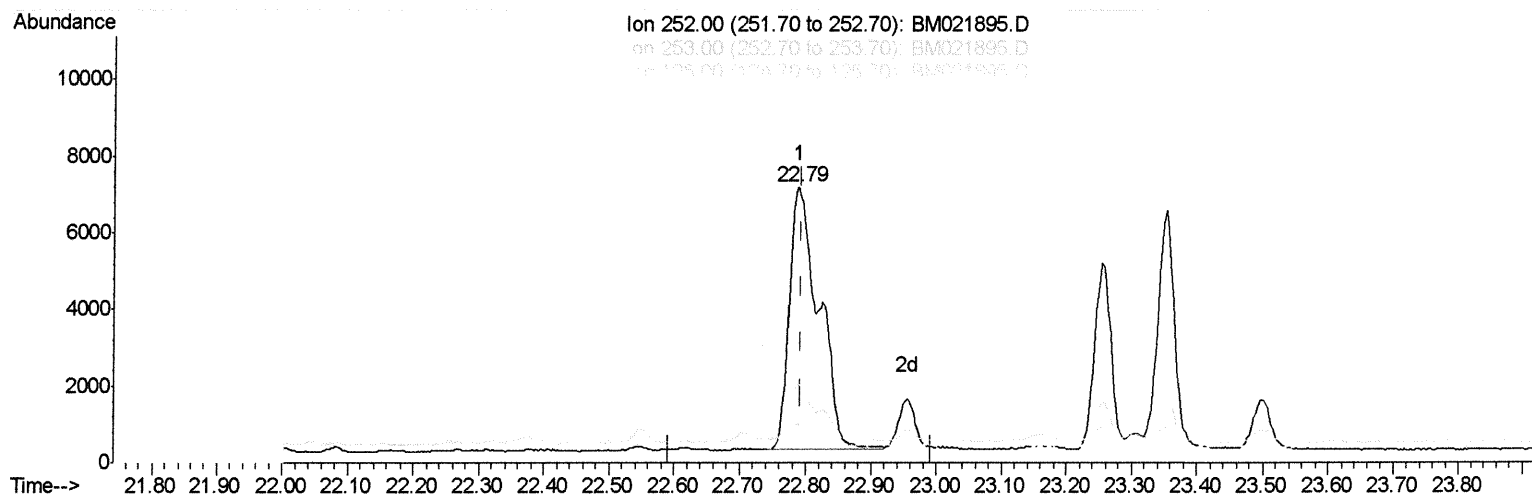
Quant Time: Aug 07 15:29:04 2019

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(21) Benzo(b)fluoranthene

22.788min (-0.005) 0.83ng/ul

response 21226

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.84
125.00	15.50	14.22
0.00	0.00	0.00

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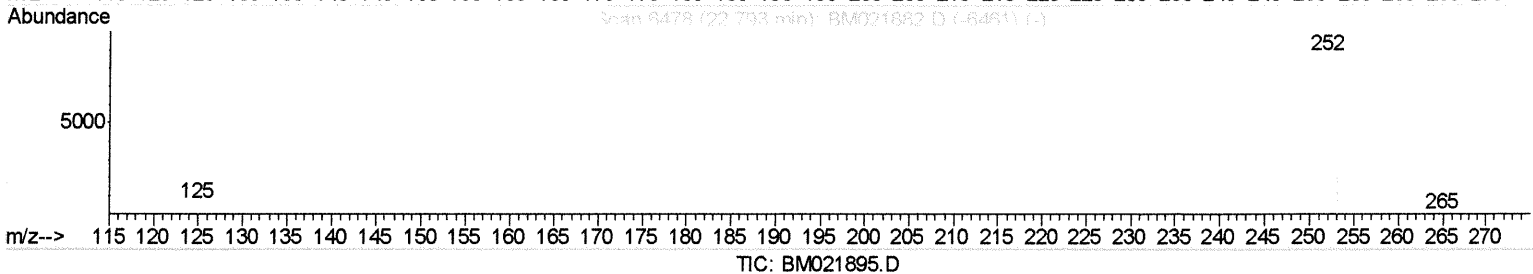
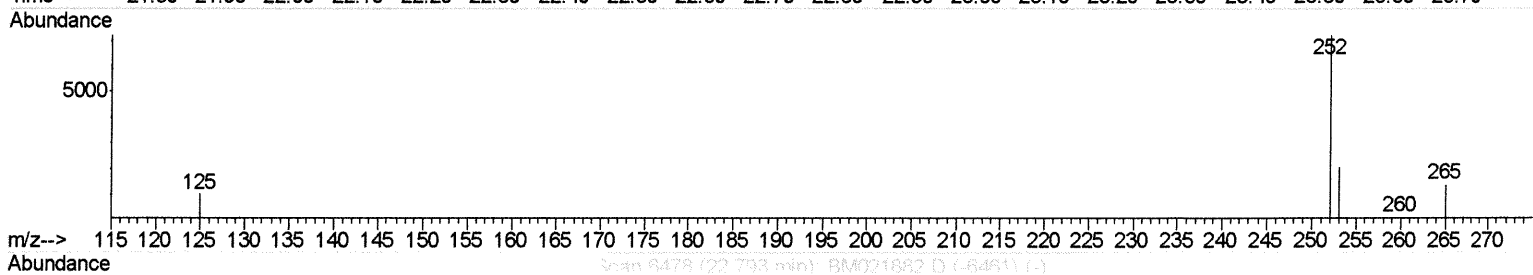
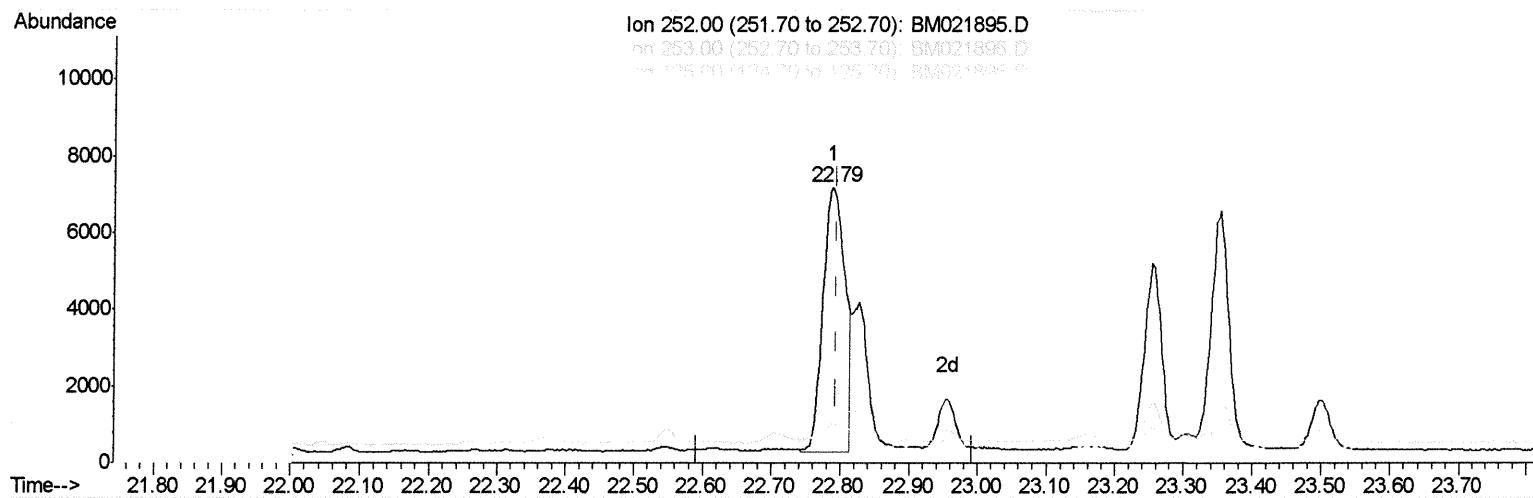
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(21) Benzo(b)fluoranthene

22.788min (-0.005) 0.59ng/ul m

JU
08/07/19

response 15107

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.84
125.00	15.50	14.22
0.00	0.00	0.00

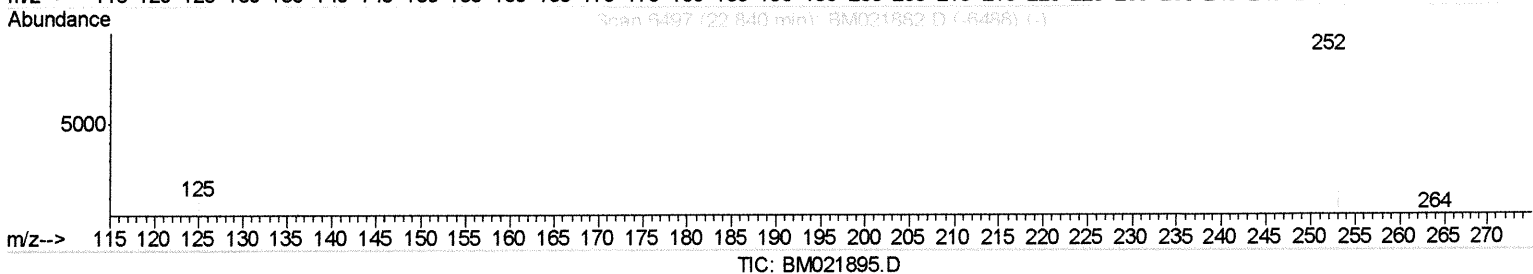
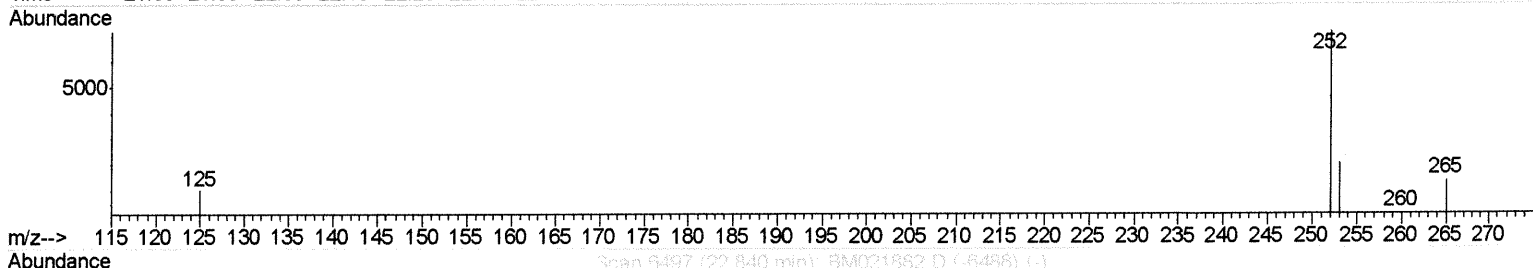
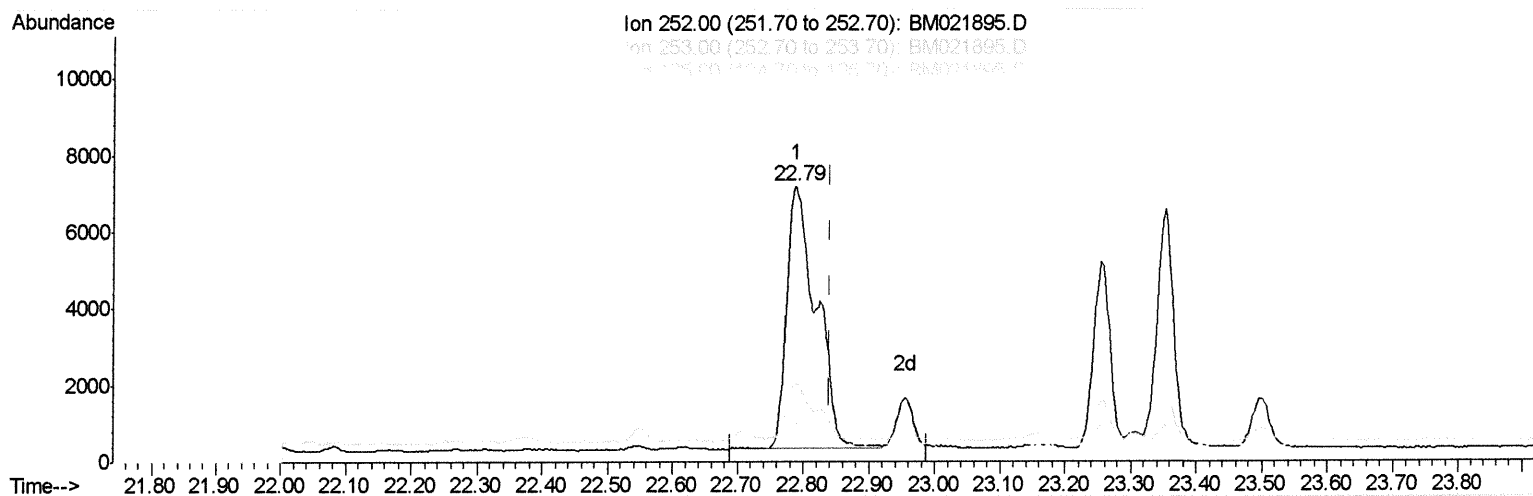
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Manual Integrations
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(22) Benzo(k)fluoranthene

22.788min (-0.051) 0.73ng/ul

response 21226

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	28.84
125.00	15.20	14.22
0.00	0.00	0.00

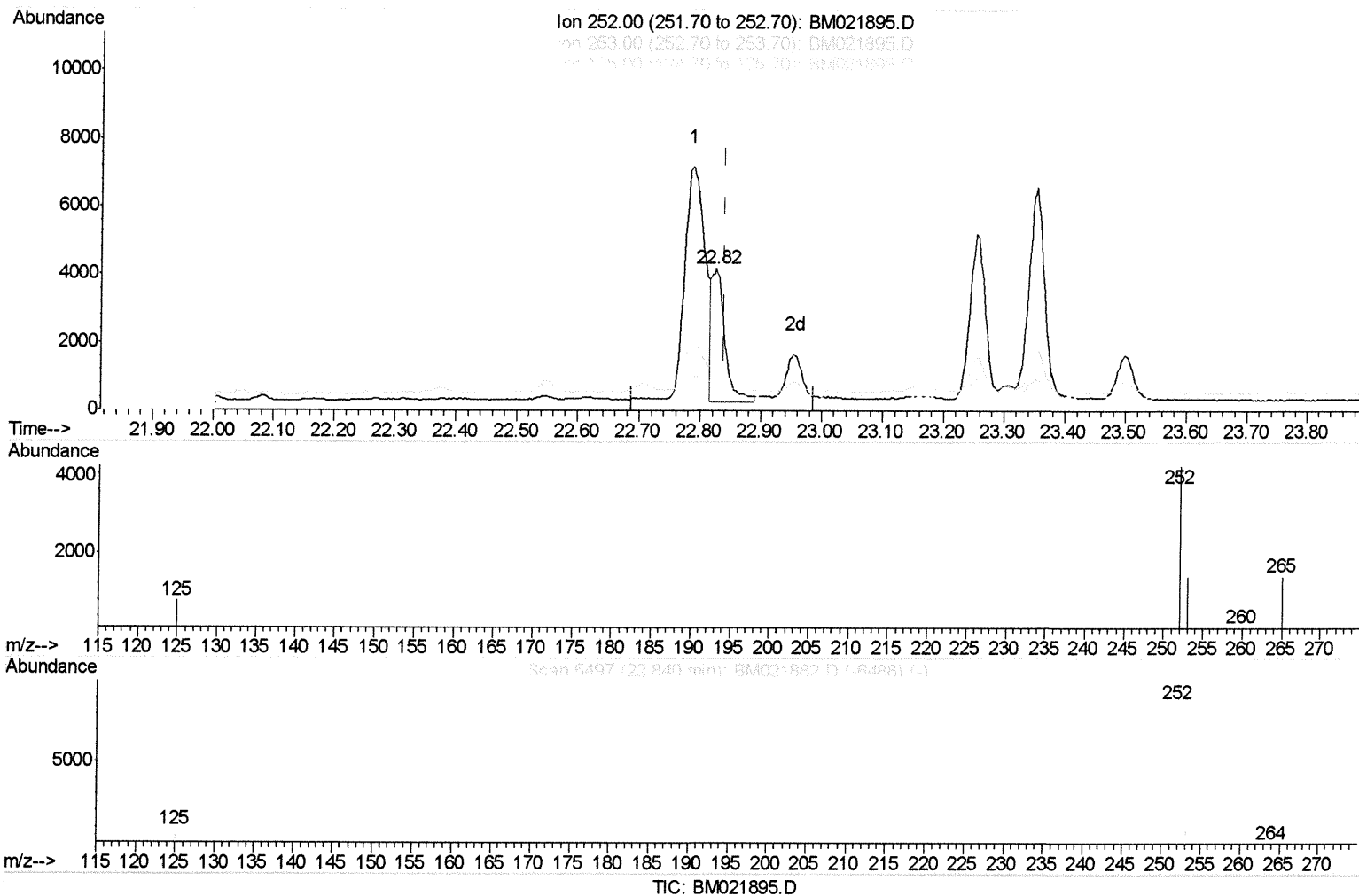
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(22) Benzo(k)fluoranthene

22.825min (-0.015) 0.21ng/ul m *JU 08/07/19*

response 6184

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	32.98
125.00	15.20	18.40#
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	7.63	152	906	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3875	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2176	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5110	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	5057	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	7603	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	670	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	1877	0.11	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.00	152	804	0.079	ng/ul#	78
8) Acenaphthene	14.34	153	212	0.026	ng/ul#	92
9) Fluorene	15.34	166	314	0.034	ng/ul#	90
12) Phenanthrene	17.08	178	4747	0.319	ng/ul	99
13) Anthracene	17.17	178	1169	0.092	ng/ul#	87
15) Fluoranthene	19.10	202	16259	0.816	ng/ul	97
17) Pyrene	19.46	202	19089	0.919	ng/ul	98
18) Benzo(a)anthracene	21.22	228	11470	0.634	ng/ul	98
19) Chrysene	21.27	228	13131	0.564	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	15107m→	0.589	ng/ul	97
22) Benzo(k)fluoranthene	22.82	252	6184m→	0.213	ng/ul	97
23) Benzo(a)pyrene	23.35	252	11153	0.428	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.66	276	7397	0.238	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.67	278	2053	0.082	ng/ul#	69
26) Benzo(g,h,i)perylene	26.35	276	6463	0.231	ng/ul	95

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