

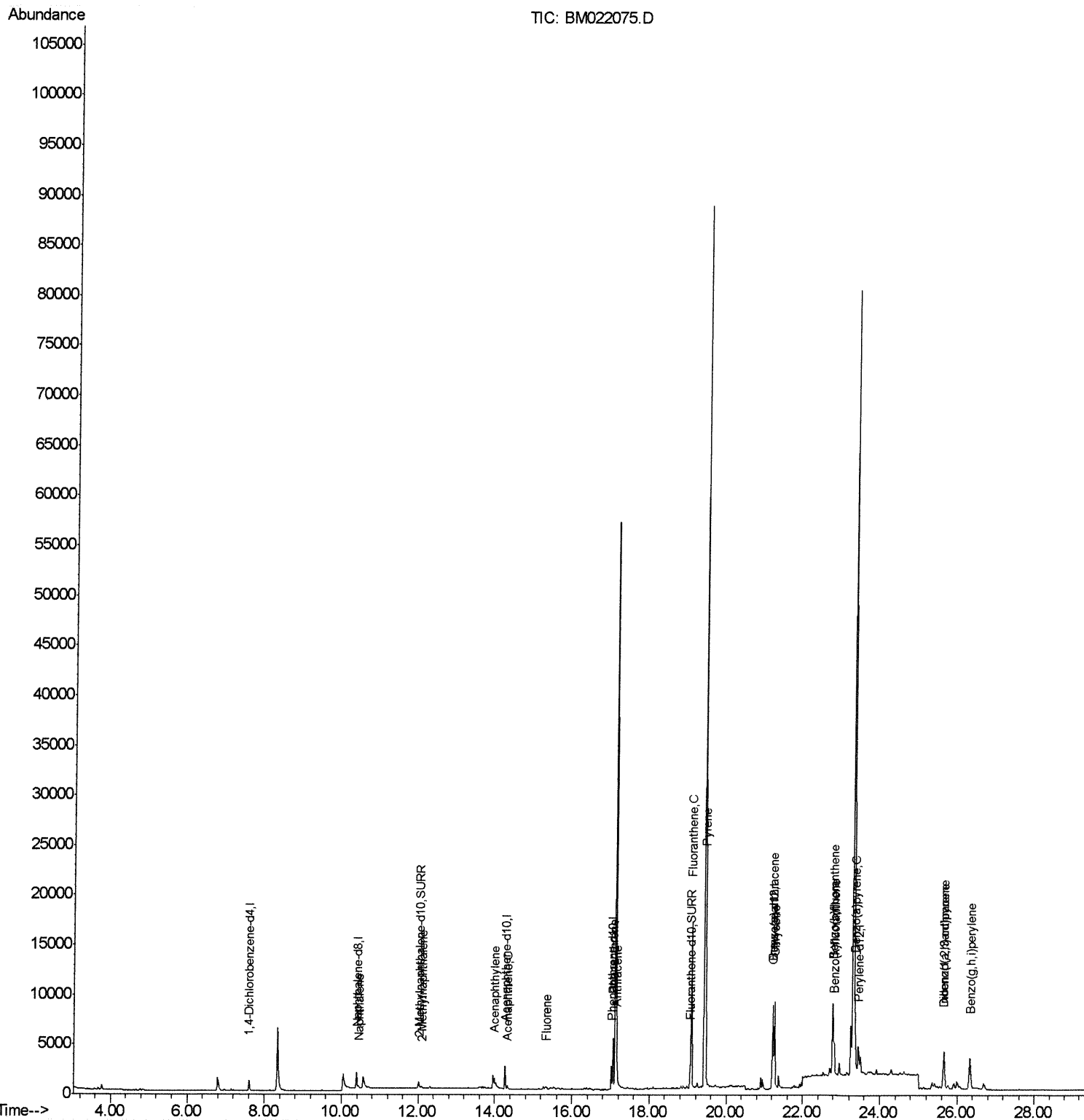
Data File : BM022075.D
Acq On : 13 Aug 2019 18:11
Operator : HP/JU
Sample : K4041-11DL 2X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENT5DL

Manual Integrations
APPROVED

mohammad
8/15/2019 5:07:32 PM

Quant Time: Aug 14 07:38:18 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 14 07:18:38 2019
Response via : Initial Calibration



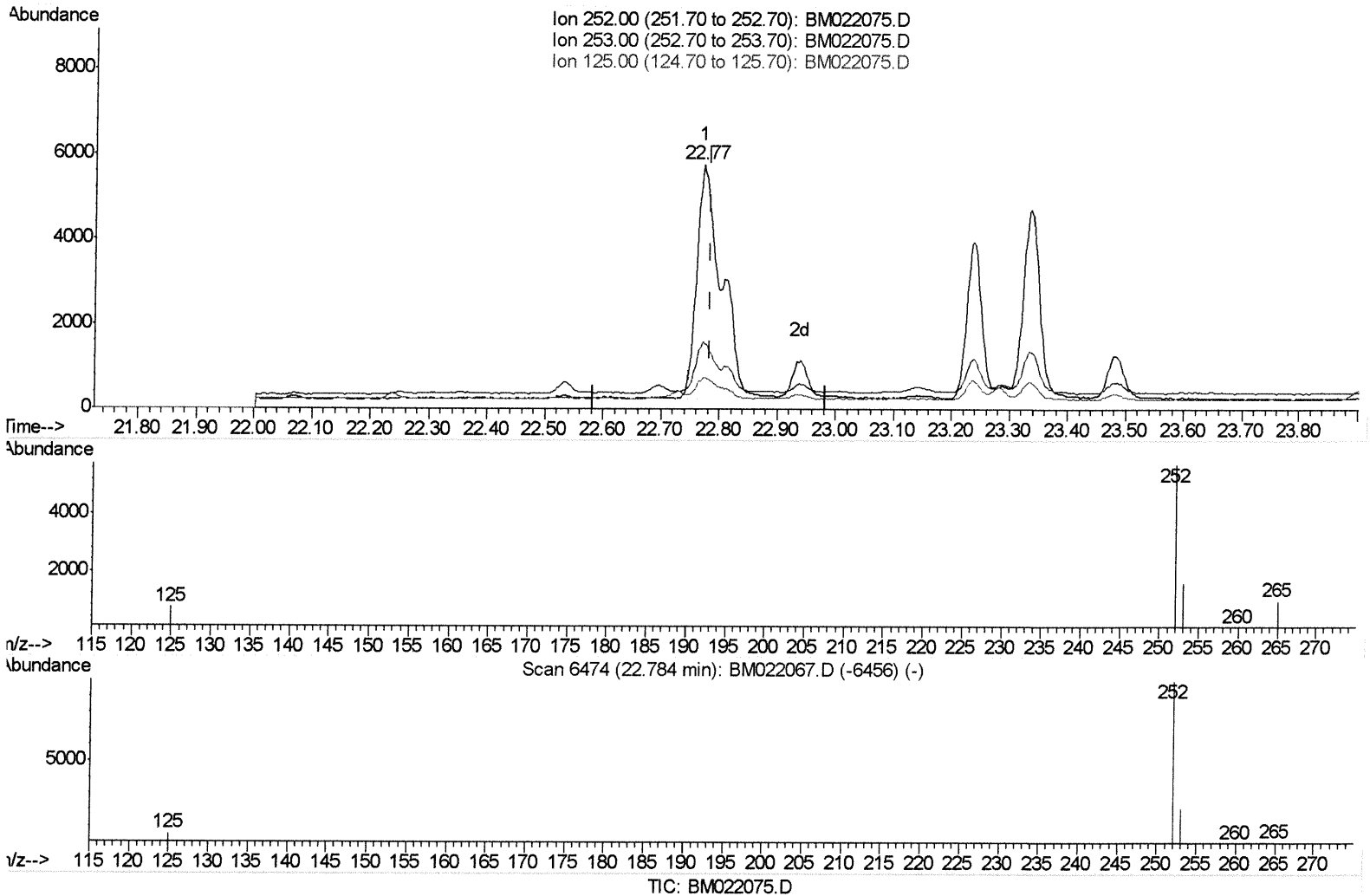
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Quant Time: Aug 14 07:21:55 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(21) Benzo(b)fluoranthene

22.771min (-0.012) 1.48ng/ul

response 16440

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.77
125.00	15.50	12.70
0.00	0.00	0.00

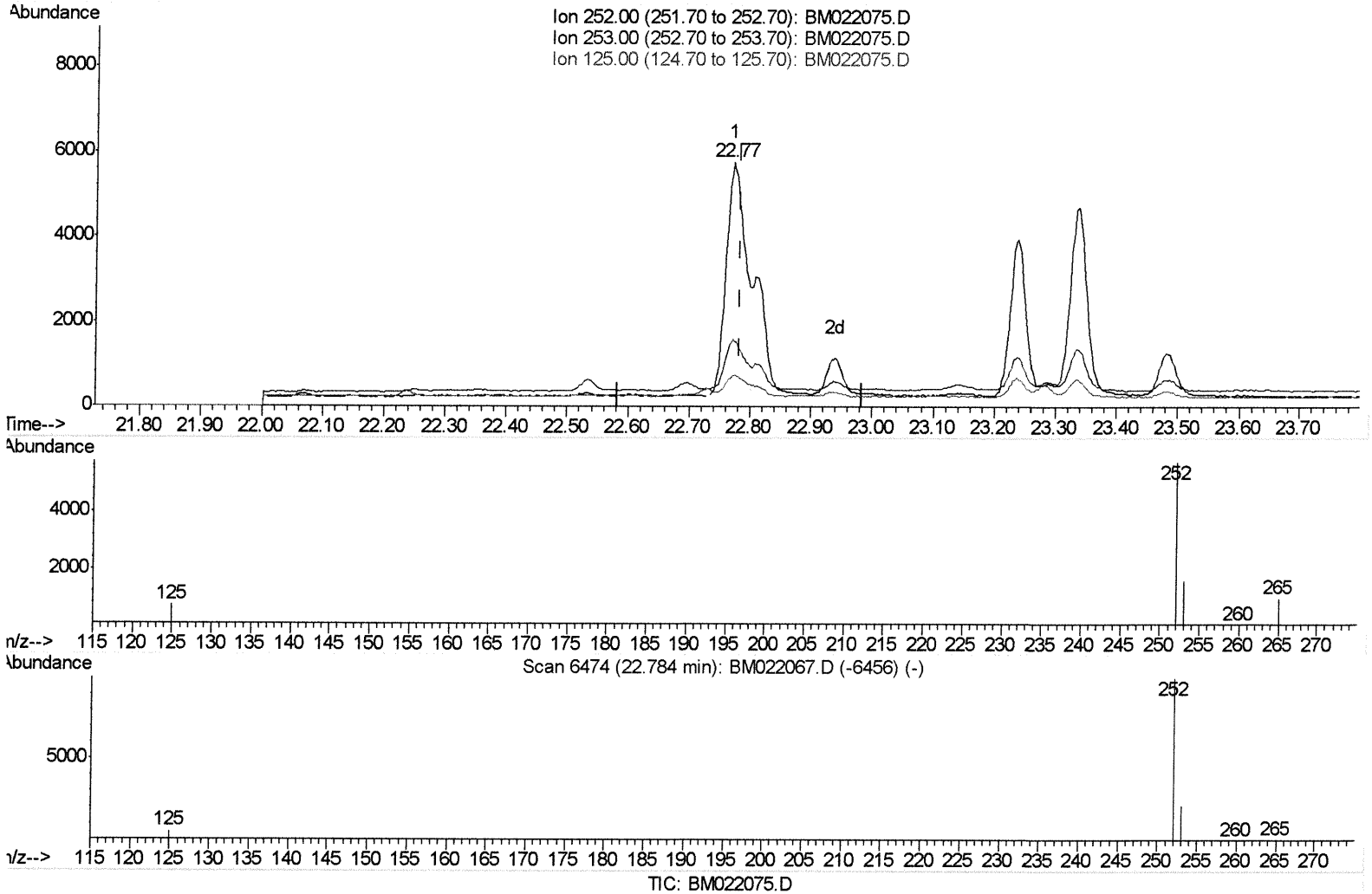
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(21) Benzo(b)fluoranthene

22.771min (-0.012) 1.08ng/ul m

JU
08/14/19

response 11971

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.77
125.00	15.50	12.70
0.00	0.00	0.00

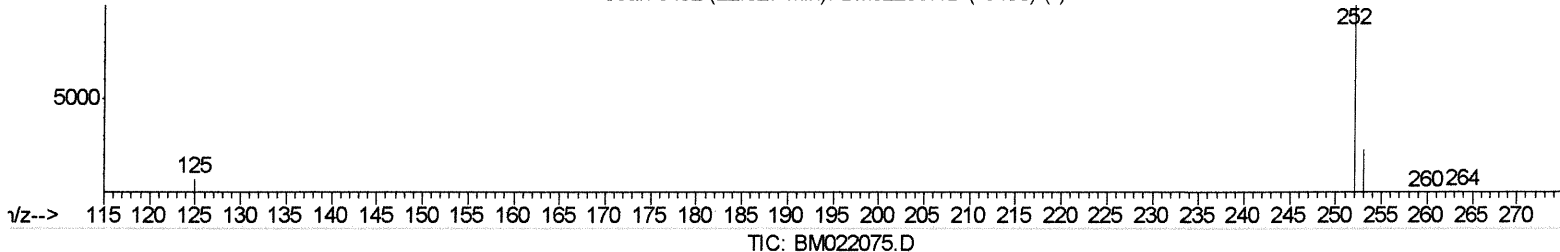
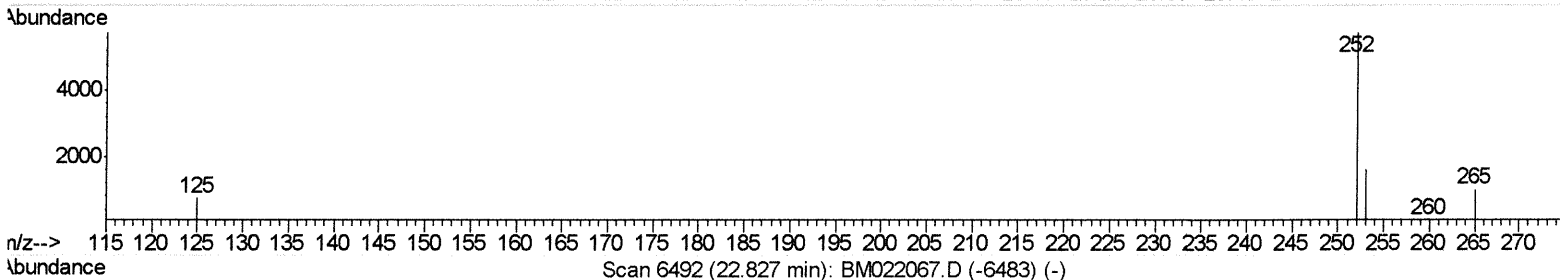
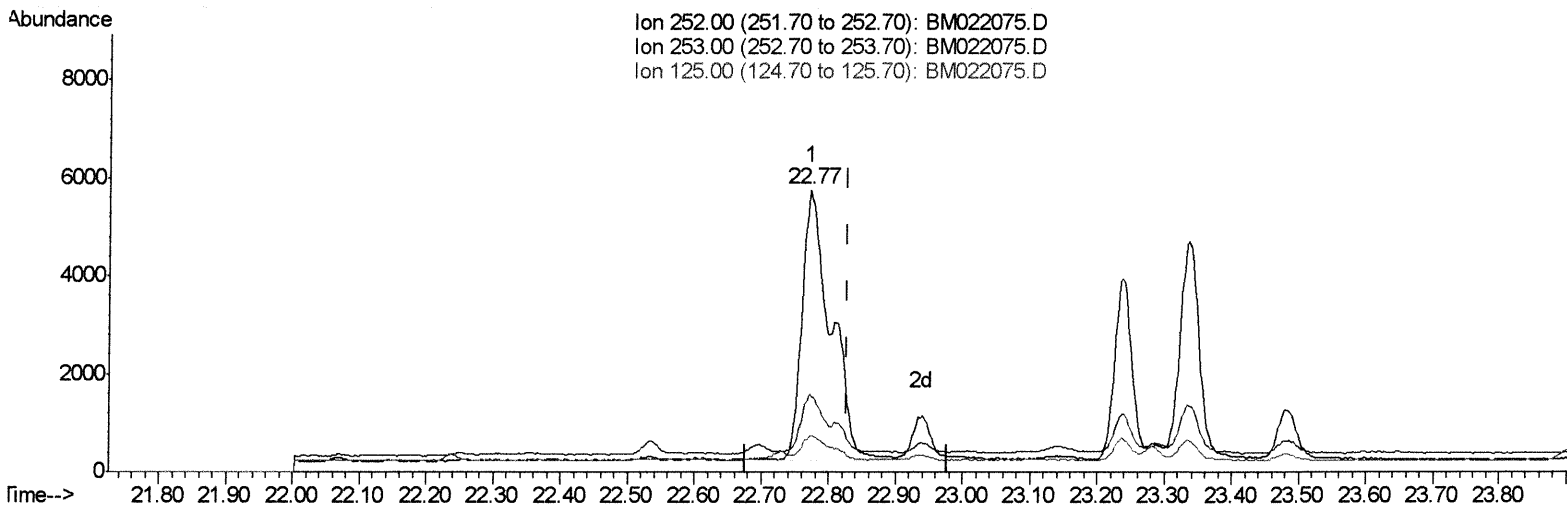
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Manual Integrations
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(22) Benzo(k)fluoranthene

22.771min (-0.056) 1.31ng/ul

response 16440

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	27.77
125.00	15.20	12.70
0.00	0.00	0.00

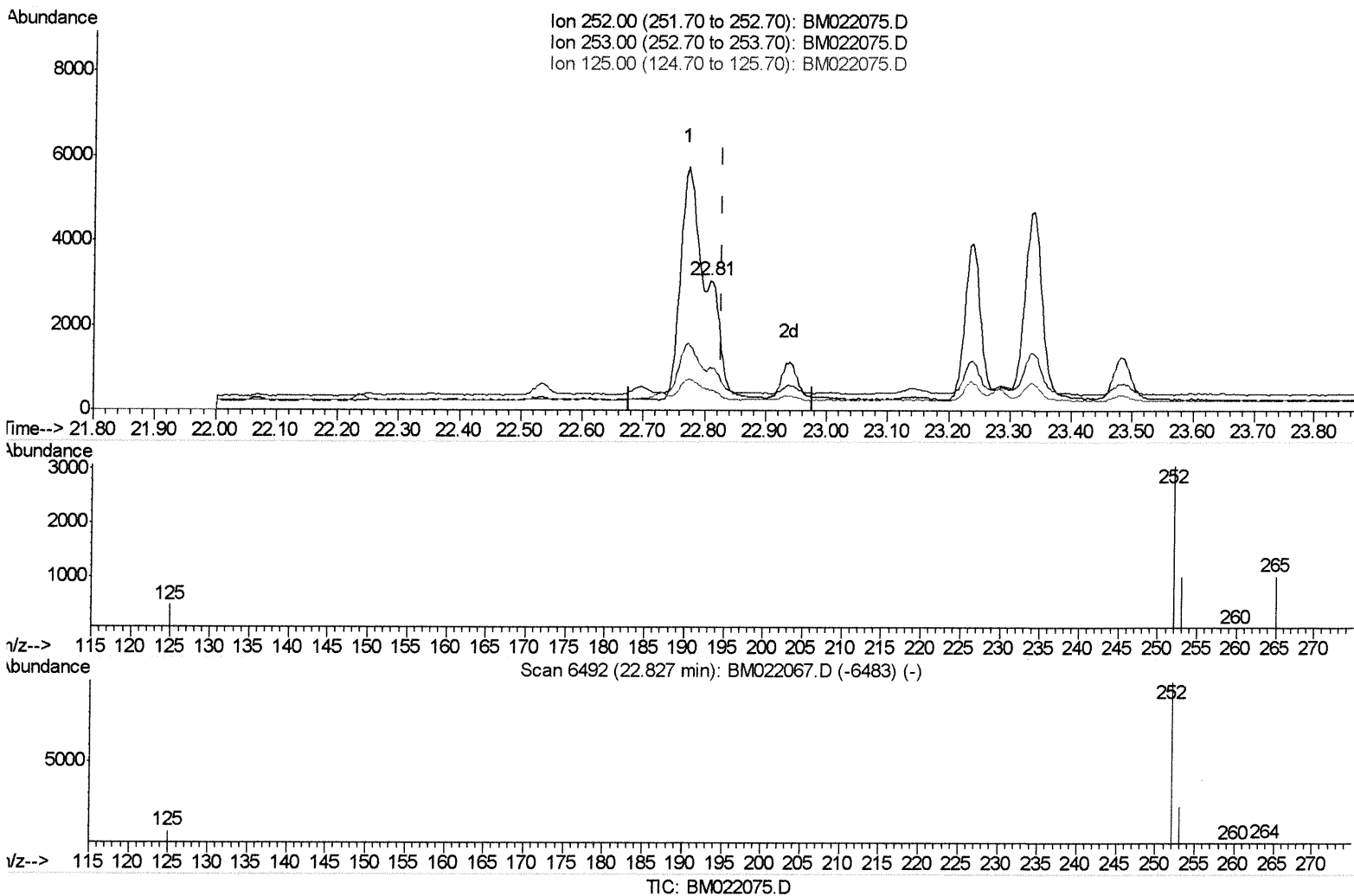
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Sample : K4041-11DL 2X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.808min (-0.020) 0.35ng/ul m *JU 08/14/19*

response 4332

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	33.12
125.00	15.20	15.77
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Quantitation Report (QT Reviewed)

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Acq On : 13 Aug 2019 18:11
Operator : HP/JU
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	596	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	2478	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1324	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	3021	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3029	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	3286	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	1288	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	2799	0.27	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.44	128	399	0.057	ng/ul#	68
5) 2-Methylnaphthalene	12.09	142	137	0.029	ng/ul	93
7) Acenaphthylene	13.99	152	1423	0.230	ng/ul#	82
8) Acenaphthene	14.32	153	191	0.038	ng/ul#	85
9) Fluorene	15.32	166	305	0.054	ng/ul#	90
12) Phenanthrene	17.06	178	5614	0.639	ng/ul	99
13) Anthracene	17.16	178	1772	0.236	ng/ul#	91
15) Fluoranthene	19.09	202	14527	1.234	ng/ul	96
17) Pyrene	19.45	202	16167	1.299	ng/ul	98
18) Benzo(a)anthracene	21.21	228	7025	0.648	ng/ul	95
19) Chrysene	21.26	228	9185	0.659	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	11971m→	1.080	ng/ul	97
22) Benzo(k)fluoranthene	22.81	252	4332m→	0.345	ng/ul	97
23) Benzo(a)pyrene	23.34	252	8605	0.764	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.64	276	6467	0.481	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.65	278	1479	0.136	ng/ul#	70
26) Benzo(g,h,i)perylene	26.32	276	6592	0.544	ng/ul	96

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