

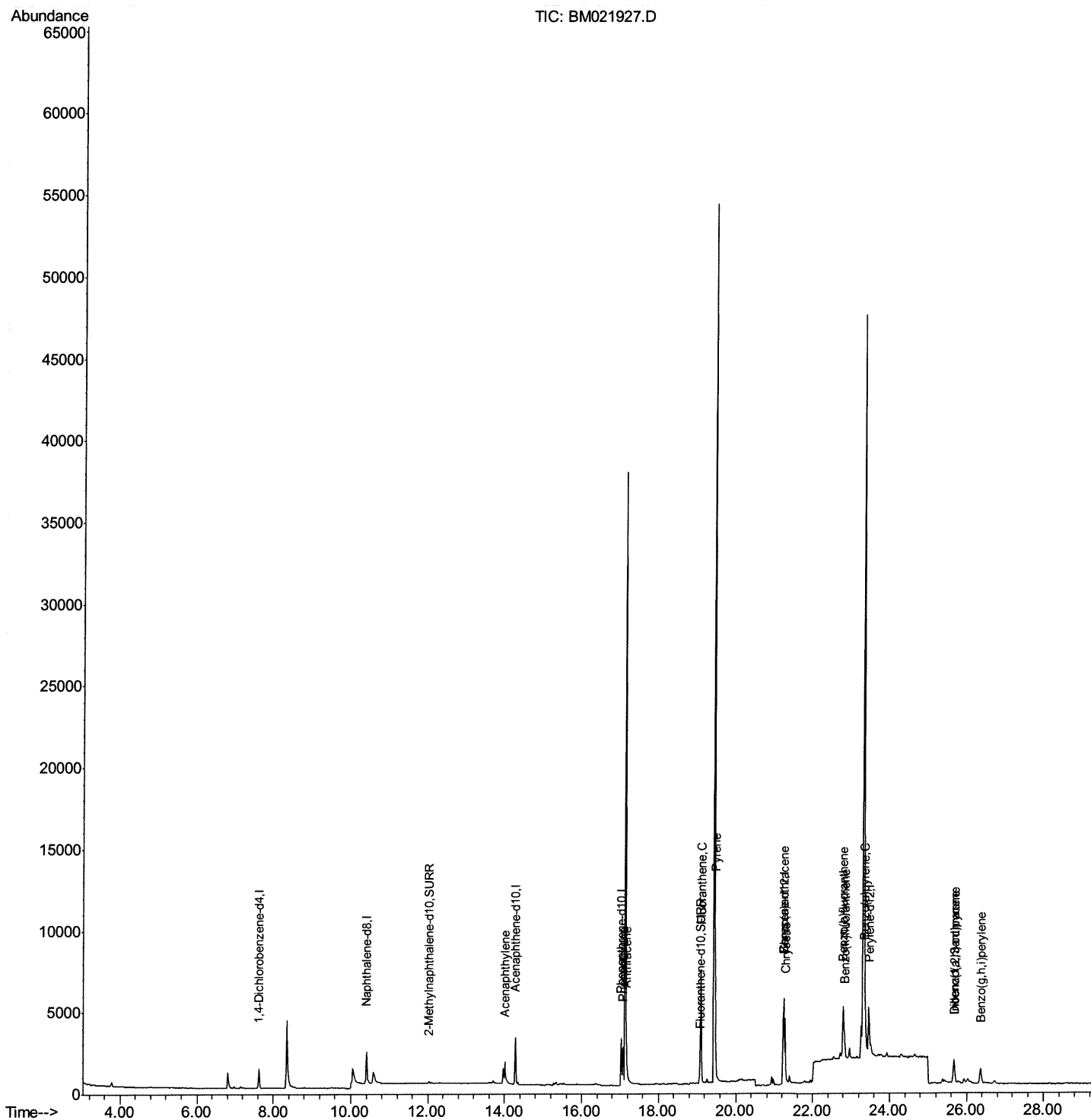
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021927.D
Acq On : 08 Aug 2019 11:18
Operator : HP/JU
Sample : K4029-15DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENY5DL

Manual Integrations
APPROVED

mohammad
8/9/2019 6:12:16 AM

Quant Time: Aug 08 13:58:01 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

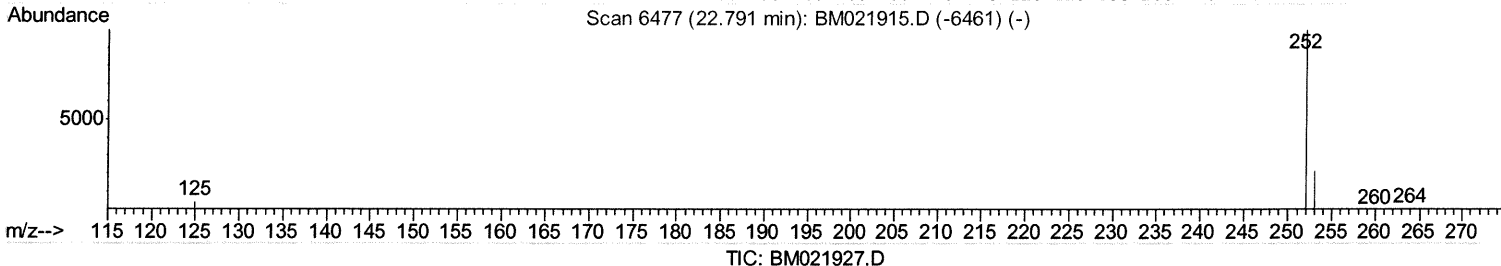
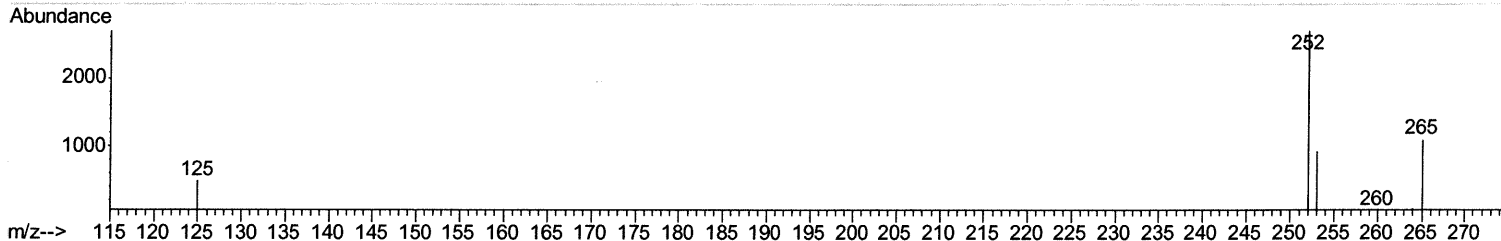
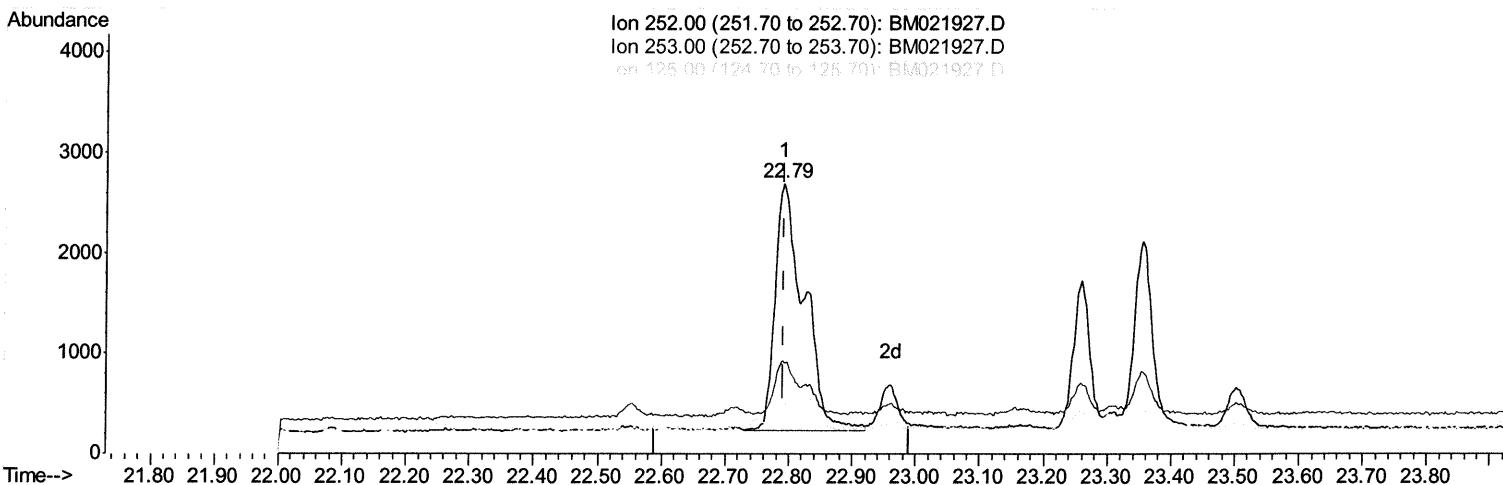
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(21) Benzo(b)fluoranthene

22.791min (-0.000) 0.45ng/ui

response 7741

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	34.53
125.00	15.50	18.27
0.00	0.00	0.00

Quantitation Report (Qedit)

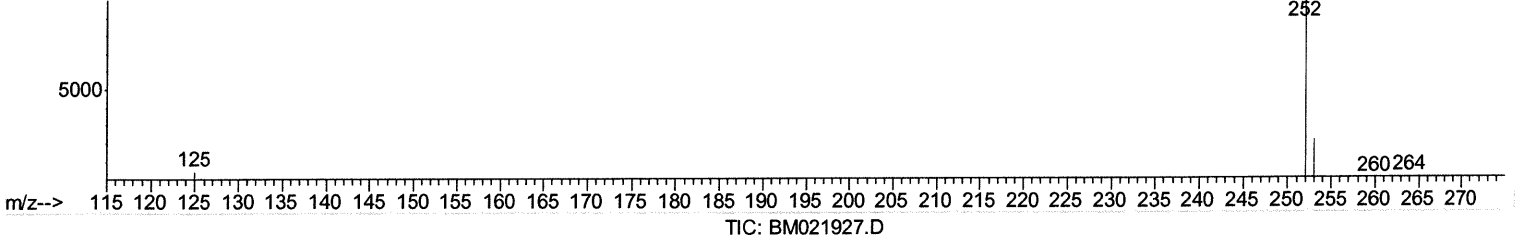
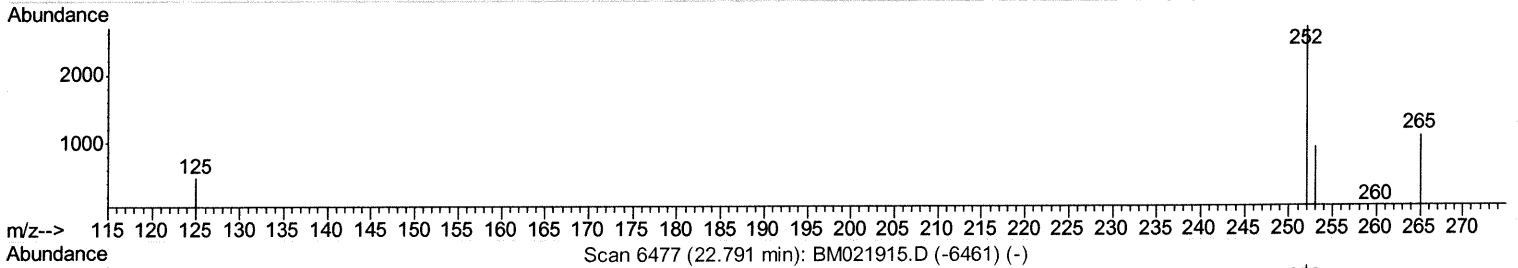
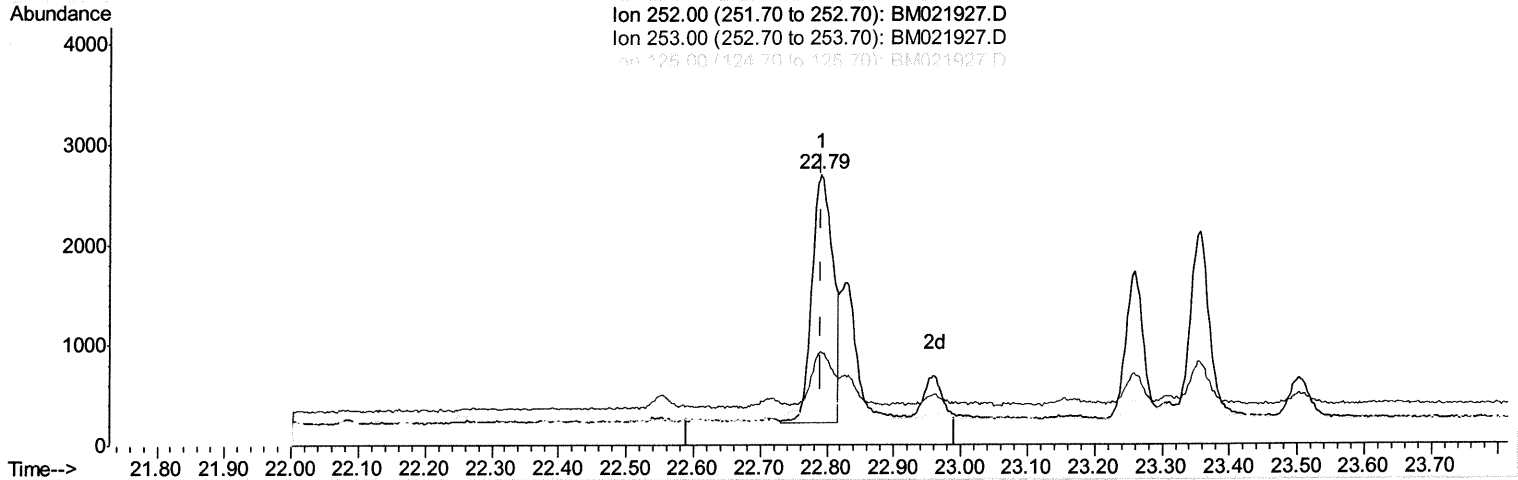
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(21) Benzo(b)fluoranthene

22.791min (-0.000) 0.31ng/ul m *JU 08/08/19*

response 5298

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	34.53
125.00	15.50	18.27
0.00	0.00	0.00

Quantitation Report (Qedit)

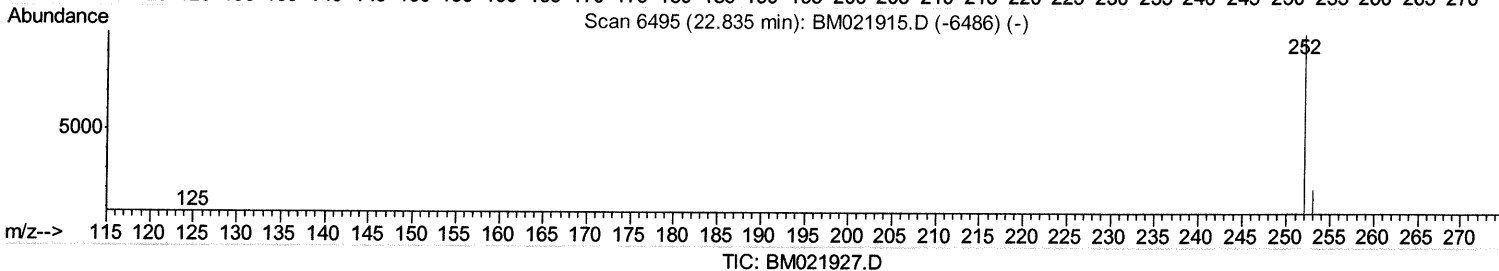
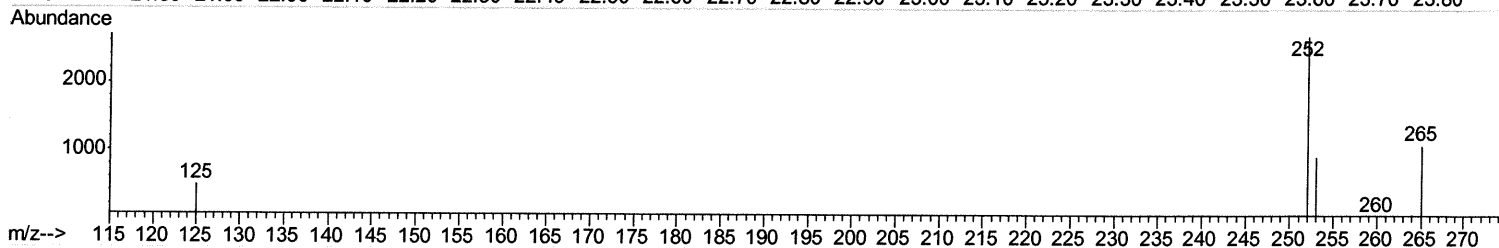
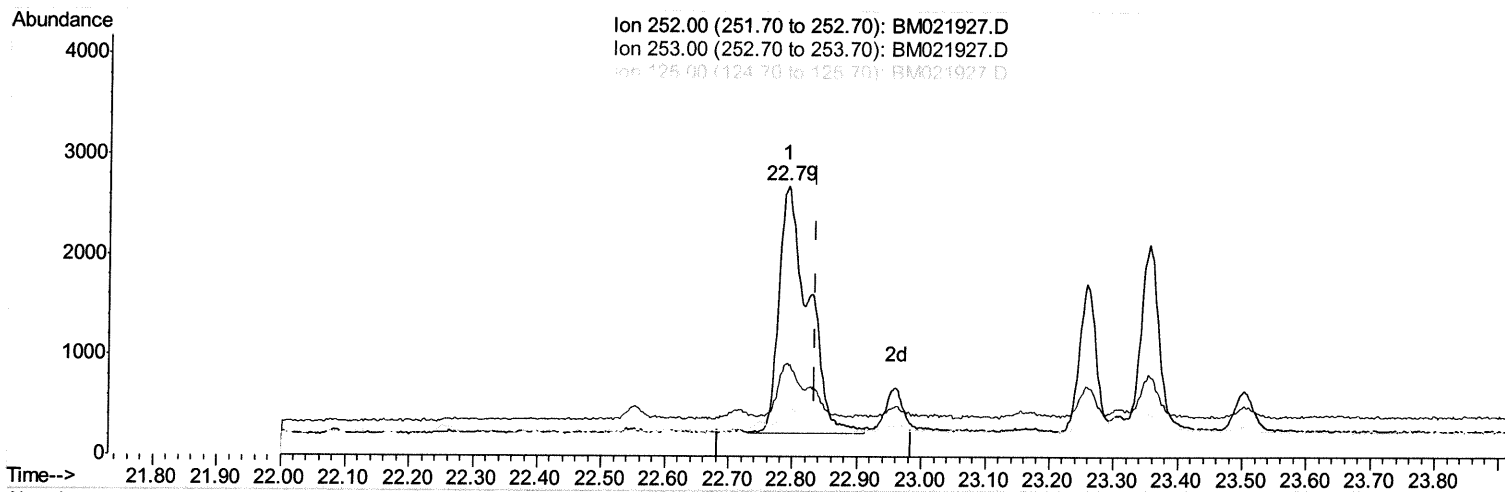
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 Operator : HP/JU
 Sample : K4029-15DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

22.791min (-0.044) 0.40ng/ul

response 7714

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	34.53
125.00	15.20	18.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

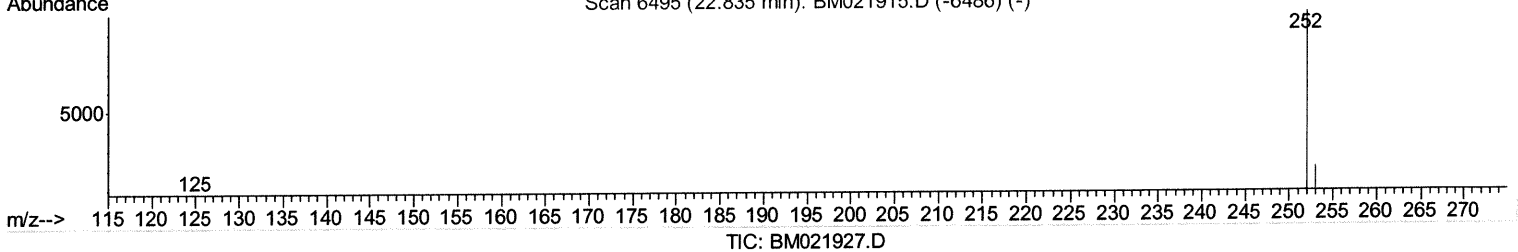
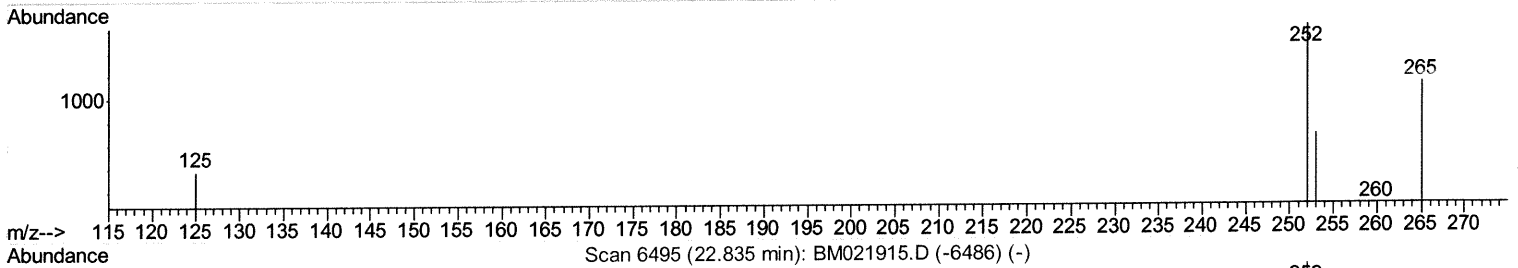
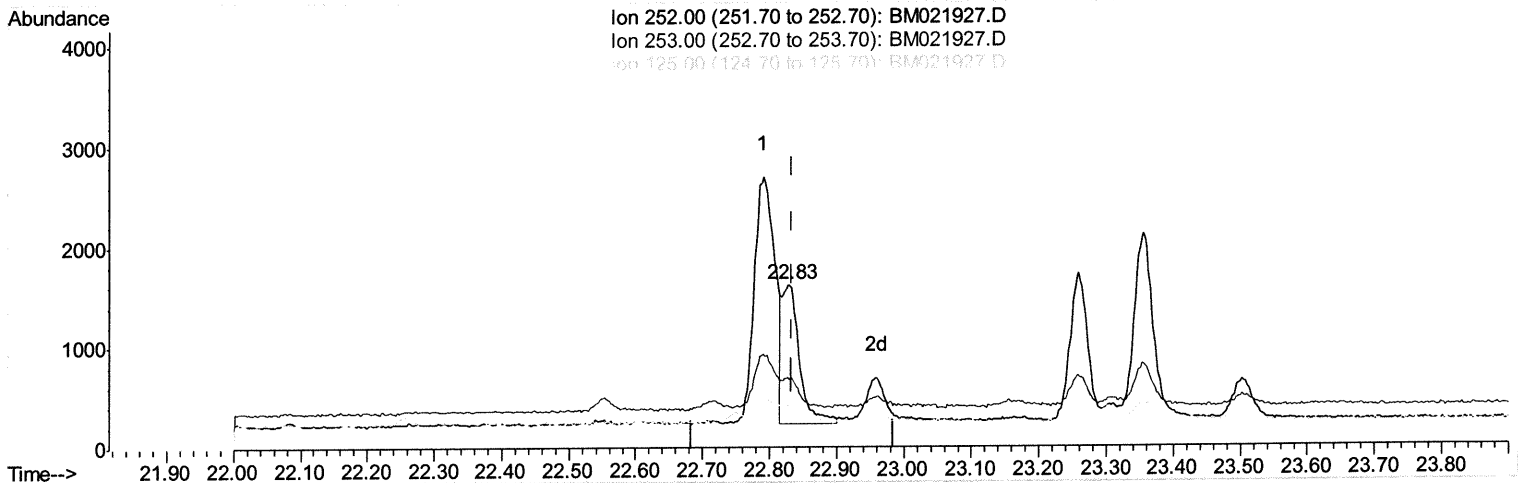
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(22) Benzo(k)fluoranthene

22.829min (-0.005) 0.13ng/ul m *JU 08/08/19*

response 2504

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	41.57#
125.00	15.20	23.29#
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	707	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3049	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	1677	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	3661	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	3428	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5058	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	293	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	708	0.06	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.00	152	412	0.053	ng/ul#	70
12) Phenanthrene	17.07	178	2639	0.248	ng/ul	98
13) Anthracene	17.17	178	713	0.078	ng/ul#	74
15) Fluoranthene	19.10	202	6896	0.483	ng/ul	100
17) Pyrene	19.46	202	6759	0.480	ng/ul	95
18) Benzo(a)anthracene	21.22	228	3983	0.325	ng/ul	94
19) Chrysene	21.28	228	3870	0.245	ng/ul	95
21) Benzo(b)fluoranthene	22.79	252	5298m→	0.311	ng/ul	95
22) Benzo(k)fluoranthene	22.83	252	2504m→	0.130	ng/ul	95
23) Benzo(a)pyrene	23.36	252	3537	0.204	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.68	276	2605	0.126	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.68	278	613	0.037	ng/ul#	23
26) Benzo(g,h,i)perylene	26.36	276	2197	0.118	ng/ul#	86

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