Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
Data File : BM025084.D
Acq On : 26 Feb 2020 18:40
Operator : CG/JU
Sample : L1506-04
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCY2

Manual Integrations APPROVED
mohammad
2/27/2020 5:00:55 PM

Quant Time: Feb 27 06:53:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2929	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	11584	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	7545	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	16960m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	17756	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	20789	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	6667	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	17993	0.31	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.10	178	1629	0.027	ng/ul#	89
15) Fluoranthene	19.12	202	2655	0.031	ng/ul	93
17) Pyrene	19.48	202	2660	0.033	ng/ul#	90
19) Chrysene	21.28	228	2188m	0.029	ng/ul	
21) Benzo(b)fluoranthene	22.79	252	4145m	0.051	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	1748m	0.022	ng/ul	

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

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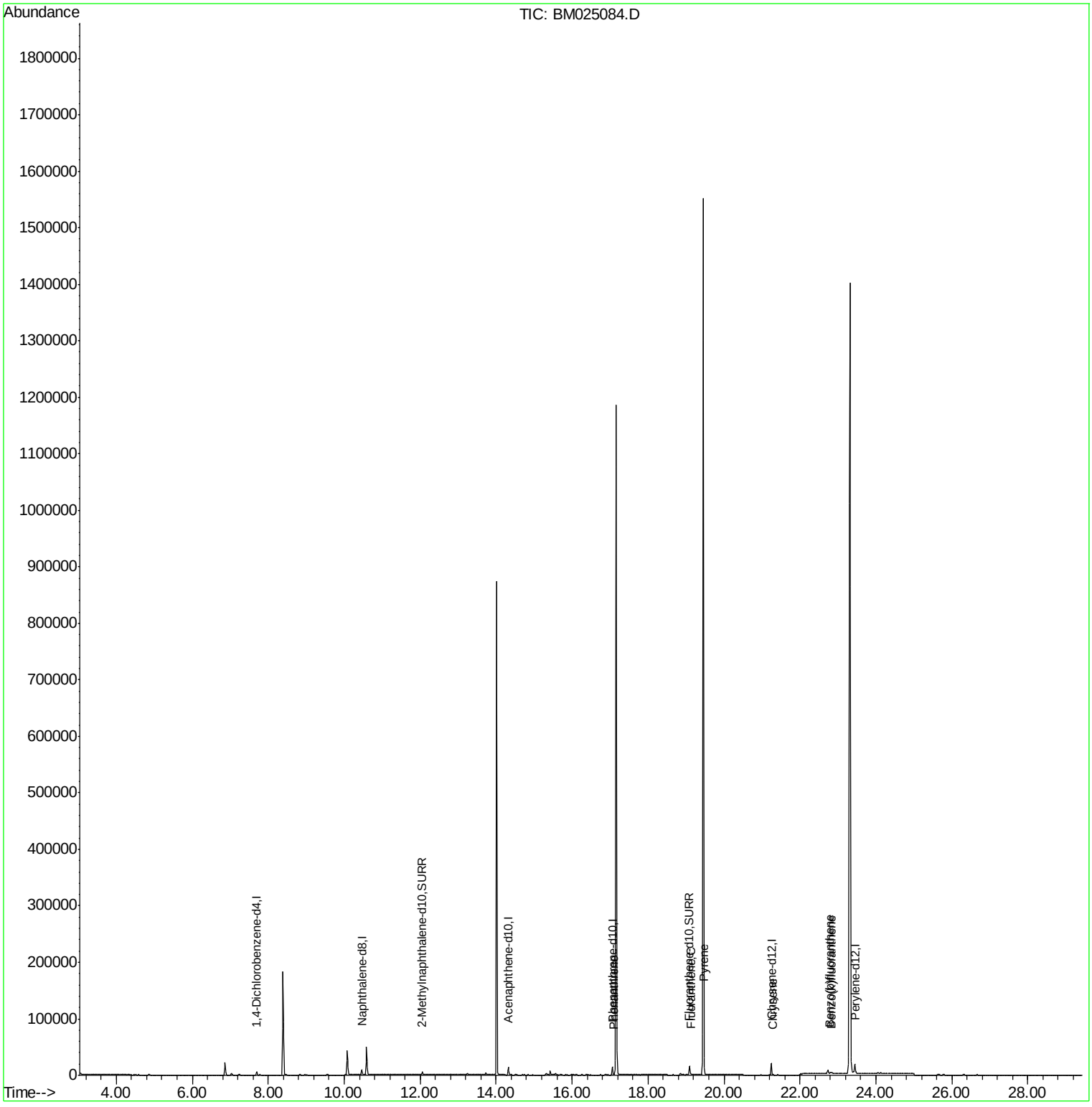
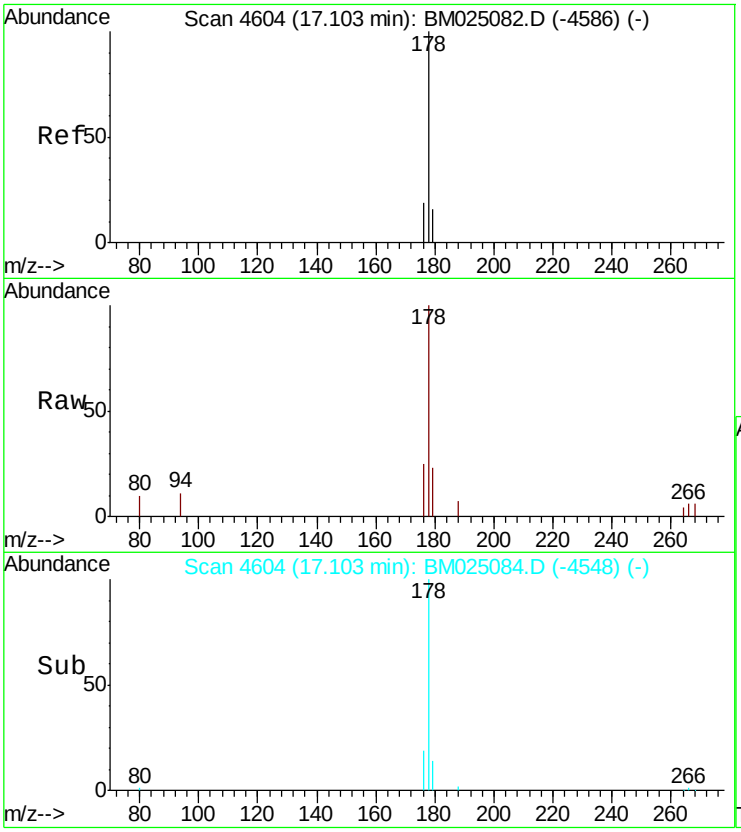
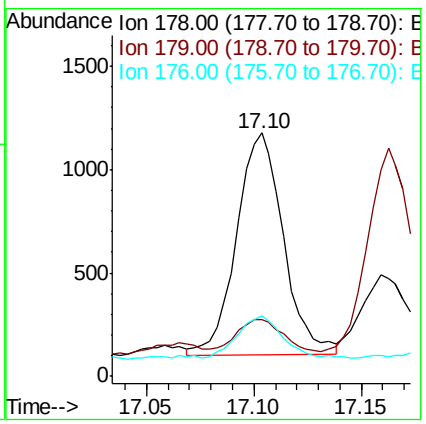




#12
Phenanthrene
Concen: 0.027 ng/ul
RT: 17.10 min Scan# 4604
Delta R.T. -0.01 min
Lab File: BM025084.D
Acq: 26 Feb 2020 18:40

Tgt Ion:178 Resp: 1629

Ion	Ratio	Lower	Upper
178	100		
179	23.3	14.0	21.0#
176	24.7	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
DBCY2

Manual Integrations APPROVED
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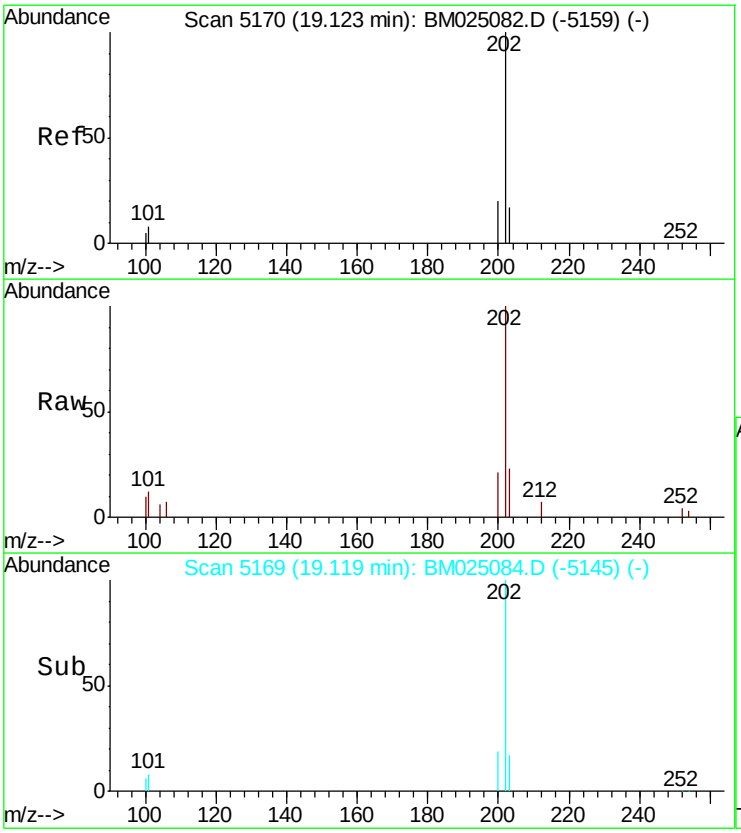
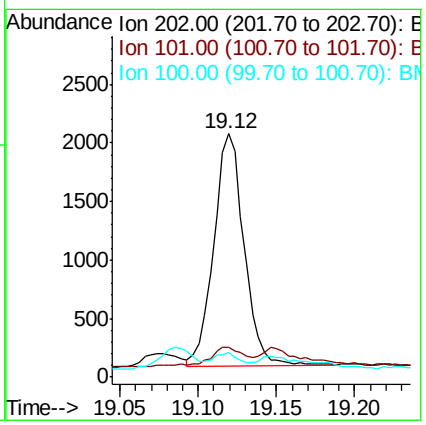
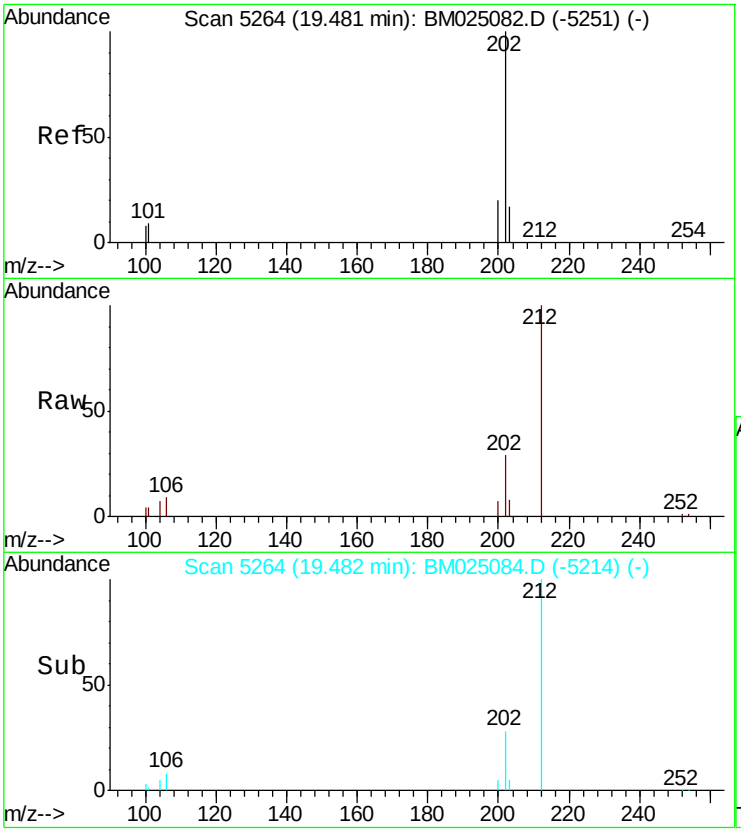


#15
Fluoranthene
Concen: 0.031 ng/ul
RT: 19.12 min Scan# 5169
Delta R.T. -0.01 min
Lab File: BM025084.D
Acq: 26 Feb 2020 18:40

Tgt Ion:202 Resp: 2655

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	29.4
100	10.0	0.0	28.0





#17
Pyrene
Concen: 0.033 ng/ul
RT: 19.48 min Scan# 5264
Delta R.T. -0.01 min
Lab File: BM025084.D
Acq: 26 Feb 2020 18:40

Tgt Ion:202 Resp: 2660

Ion	Ratio	Lower	Upper
202	100		
101	13.6	8.7	13.1#
100	13.9	7.3	10.9#

Instrument :
BNA_M
ClientSampleId :
DBCY2

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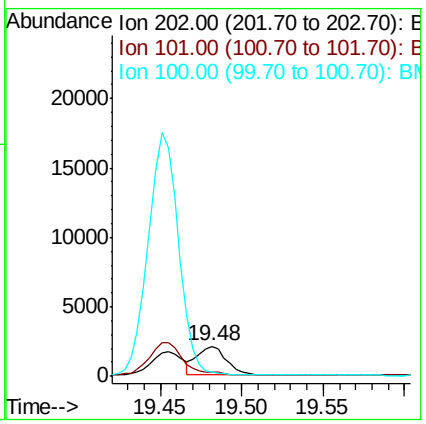
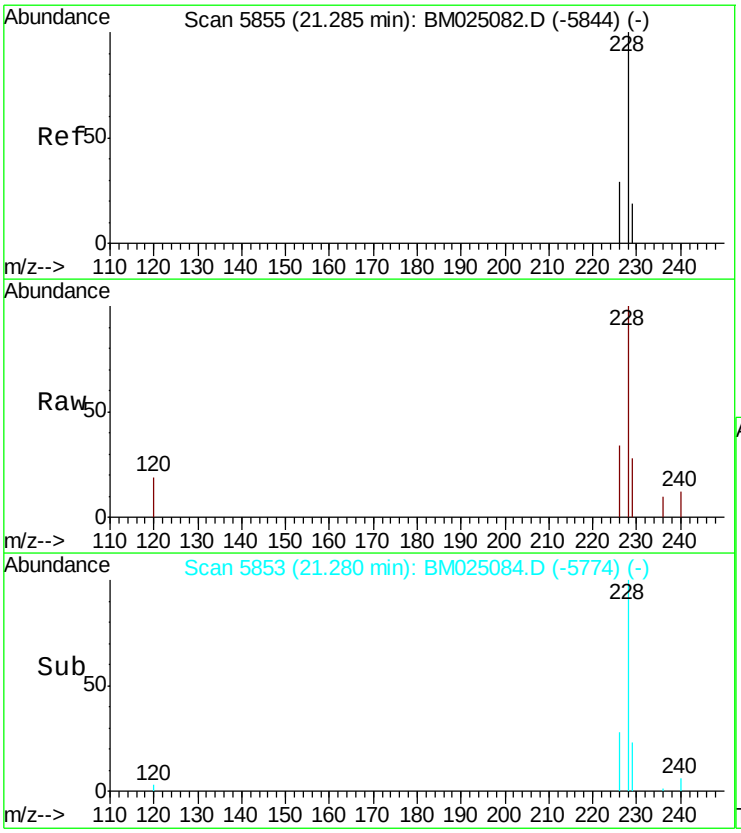
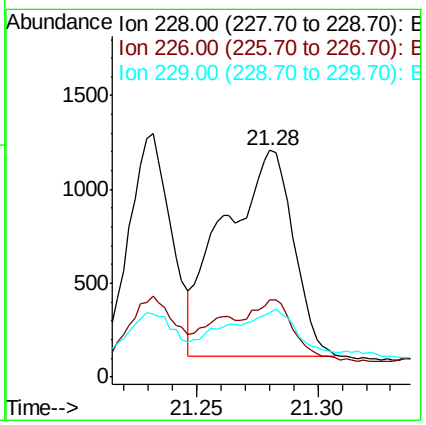


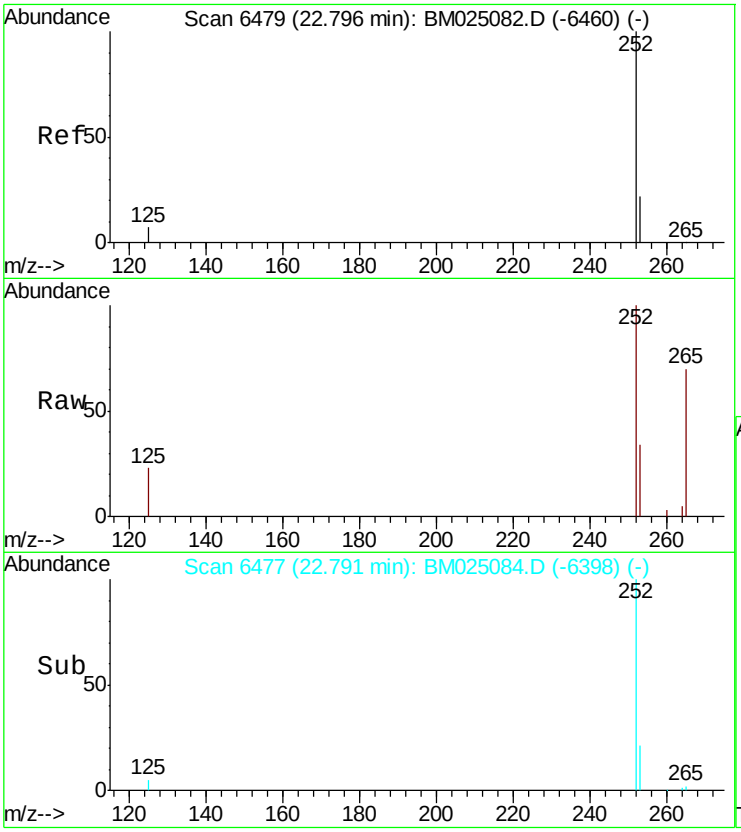


#19
Chrysene
Concen: 0.029 ng/ul m
RT: 21.28 min Scan# 5853
Delta R.T. -0.01 min
Lab File: BM025084.D
Acq: 26 Feb 2020 18:40

Tgt Ion:228 Resp: 2188

Ion	Ratio	Lower	Upper
228	100		
226	34.2	23.8	35.8
229	28.5	16.9	25.3#

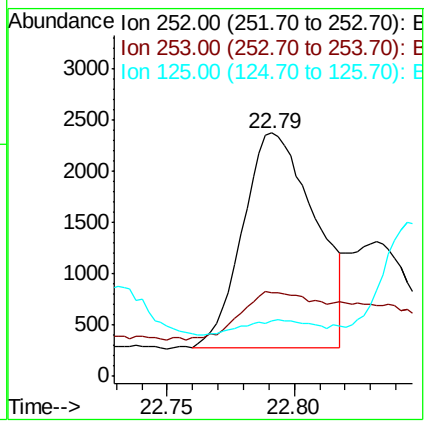




#21
Benzo(b)fluoranthene
Concen: 0.051 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.01 min
Lab File: BM025084.D
Acq: 26 Feb 2020 18:40

Tgt Ion:252 Resp: 4145

Ion	Ratio	Lower	Upper
252	100		
253	34.2	0.0	49.8
125	23.0	0.0	28.6



Instrument :
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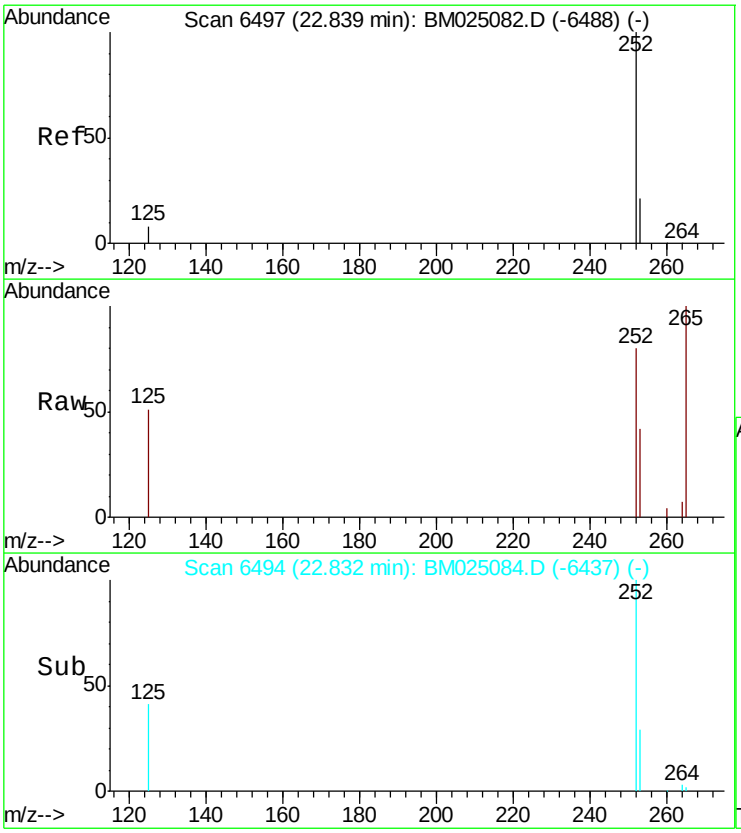

#22
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 22.83 min Scan# 6494
Delta R.T. -0.01 min
Lab File: BM025084.D
Acq: 26 Feb 2020 18:40

Tgt Ion:252 Resp: 1748

Ion	Ratio	Lower	Upper
252	100		
253	53.0	19.4	29.0#
125	64.5	10.7	16.1#