Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025452.D
Acq On : 10 Mar 2020 14:45
Operator : CG/JU
Sample : L1617-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDS6

Manual Integrations APPROVED
mohammad
3/11/2020 8:01:25 AM

Quant Time: Mar 10 15:36:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3423	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	14208	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9781	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	20064	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	14558	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	15449	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	2623	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	5298	0.10	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.35	153	2219	0.063	ng/ul	99
9) Fluorene	15.34	166	7123	0.167	ng/ul	99
12) Phenanthrene	17.07	178	57197	0.900	ng/ul	100
13) Anthracene	17.16	178	3930	0.071	ng/ul	95
15) Fluoranthene	19.09	202	30315	0.440	ng/ul	99
17) Pyrene	19.45	202	21896	0.335	ng/ul	98
18) Benzo(a)anthracene	21.20	228	2687	0.052	ng/ul	95
19) Chrysene	21.26	228	2679	0.046	ng/ul	96
21) Benzo(b)fluoranthene	22.76	252	1799m	0.029	ng/ul	

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

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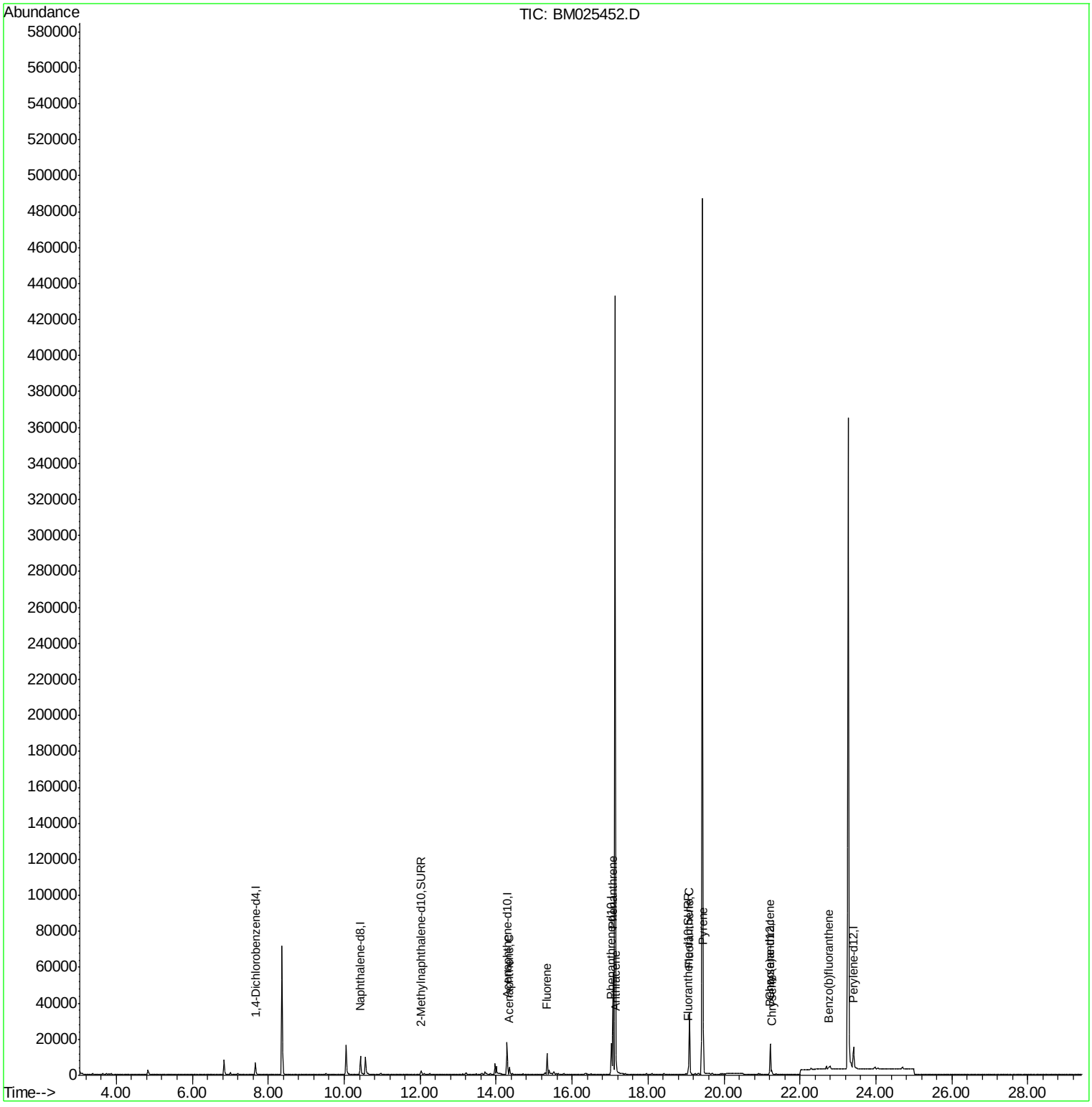

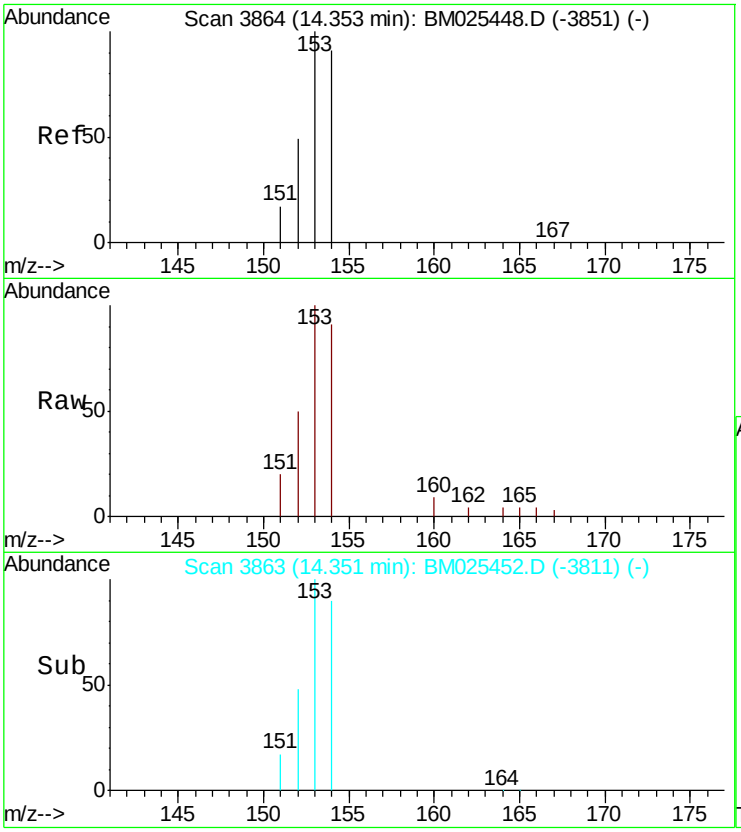

#8
Acenaphthene
Concen: 0.063 ng/ul
RT: 14.35 min Scan# 3863
Delta R.T. -0.00 min
Lab File: BM025452.D
Acq: 10 Mar 2020 14:45

Tgt Ion:153 Resp: 2219

Ion	Ratio	Lower	Upper
153	100		
152	49.8	39.5	59.3
154	90.7	71.7	107.5

Instrument :
BNA_M
ClientSampleId :
DBDS6

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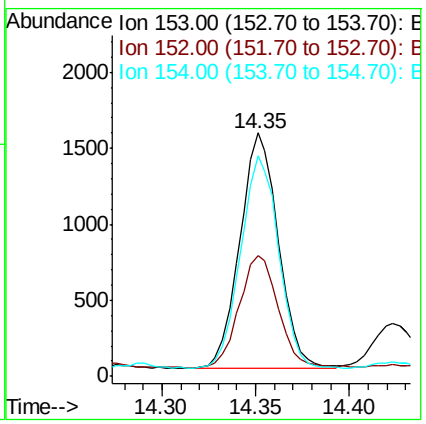
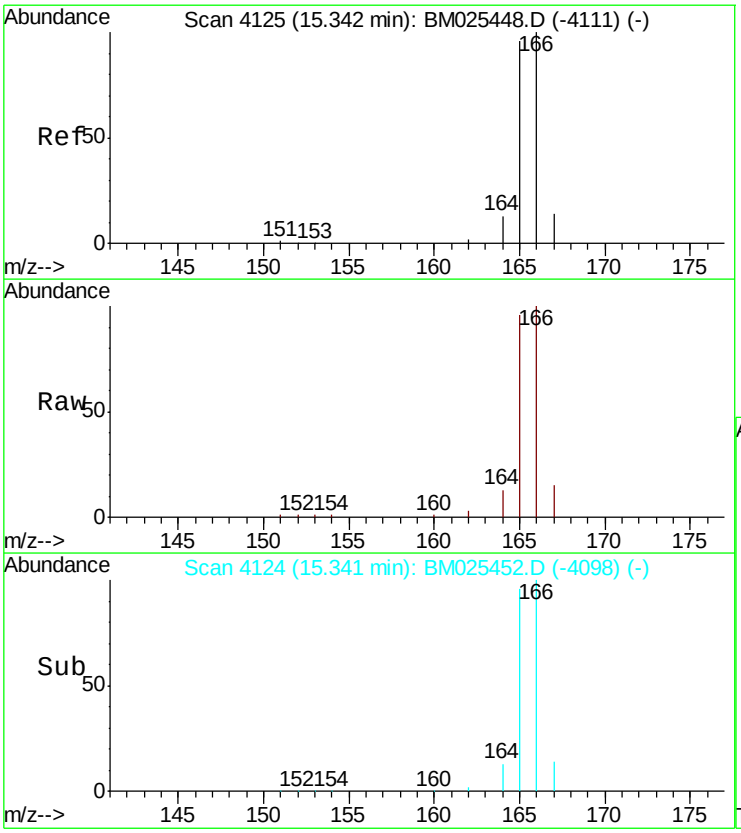
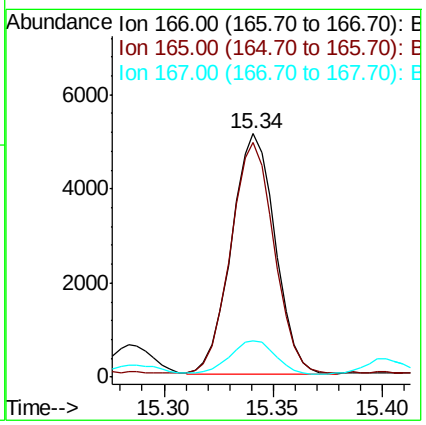


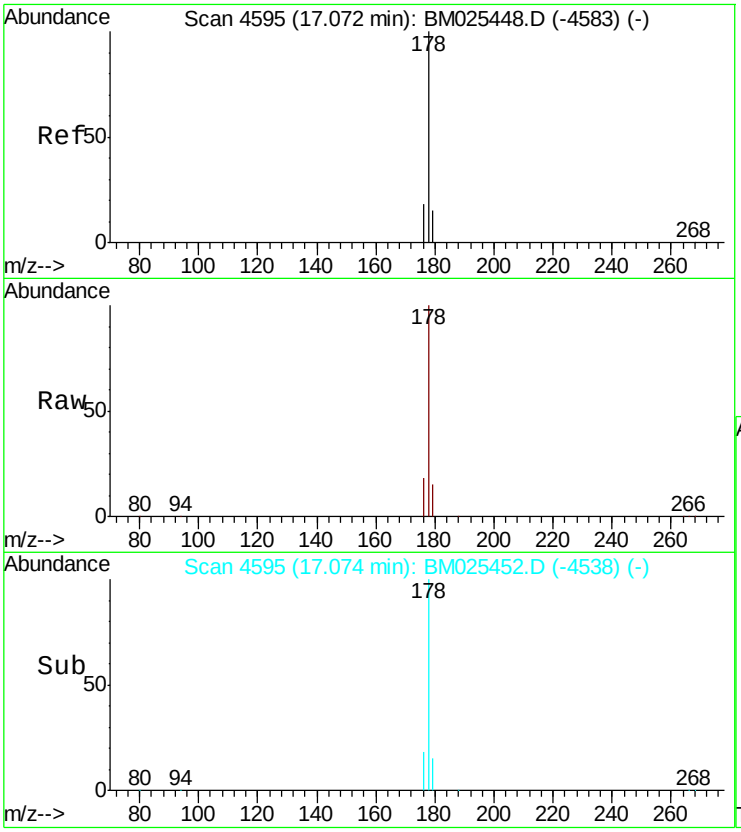


#9
Fluorene
Concen: 0.167 ng/ul
RT: 15.34 min Scan# 4124
Delta R.T. -0.00 min
Lab File: BM025452.D
Acq: 10 Mar 2020 14:45

Tgt Ion:166 Resp: 7123

Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.8	115.2
167	15.1	11.2	16.8

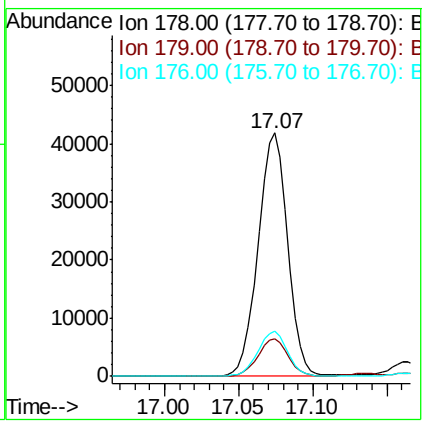




#12
Phenanthrene
Concen: 0.900 ng/ul
RT: 17.07 min Scan# 4595
Delta R.T. -0.00 min
Lab File: BM025452.D
Acq: 10 Mar 2020 14:45

Tgt Ion:178 Resp: 57197

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.4	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
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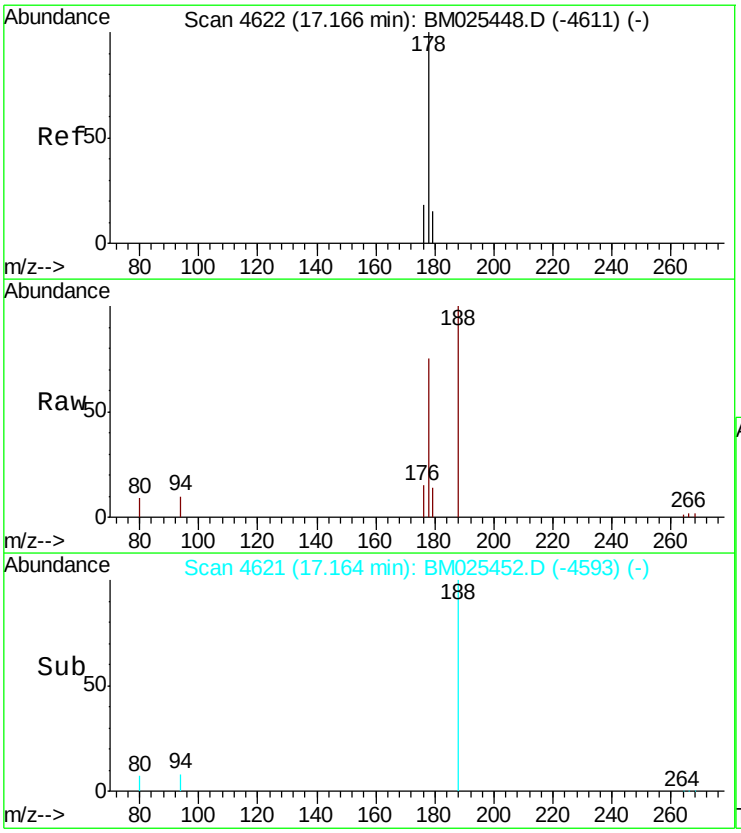
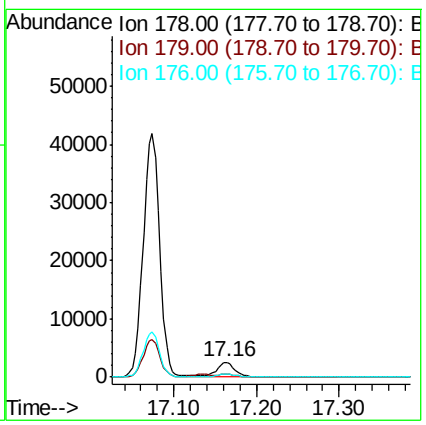
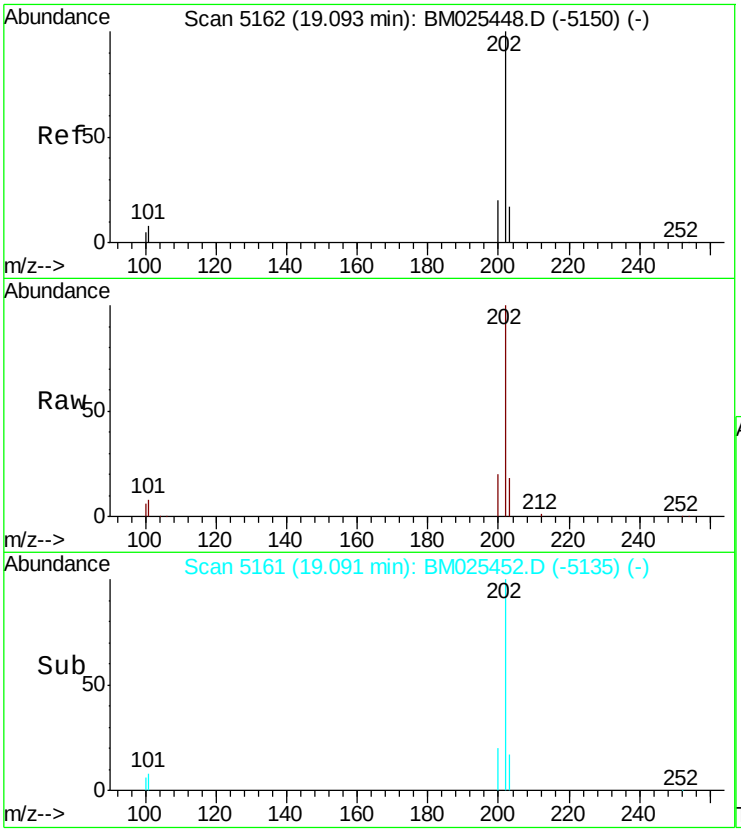


#13
Anthracene
Concen: 0.071 ng/ul
RT: 17.16 min Scan# 4621
Delta R.T. -0.00 min
Lab File: BM025452.D
Acq: 10 Mar 2020 14:45

Tgt Ion:178 Resp: 3930

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.6	18.8
176	19.9	14.5	21.7

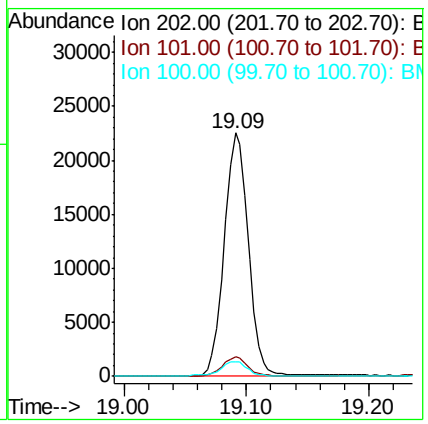




#15
Fluoranthene
Concen: 0.440 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025452.D
Acq: 10 Mar 2020 14:45

Tgt Ion:202 Resp: 30315

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.5
100	6.2	0.0	26.0



Instrument :
BNA_M
ClientSampleId :
DBDS6

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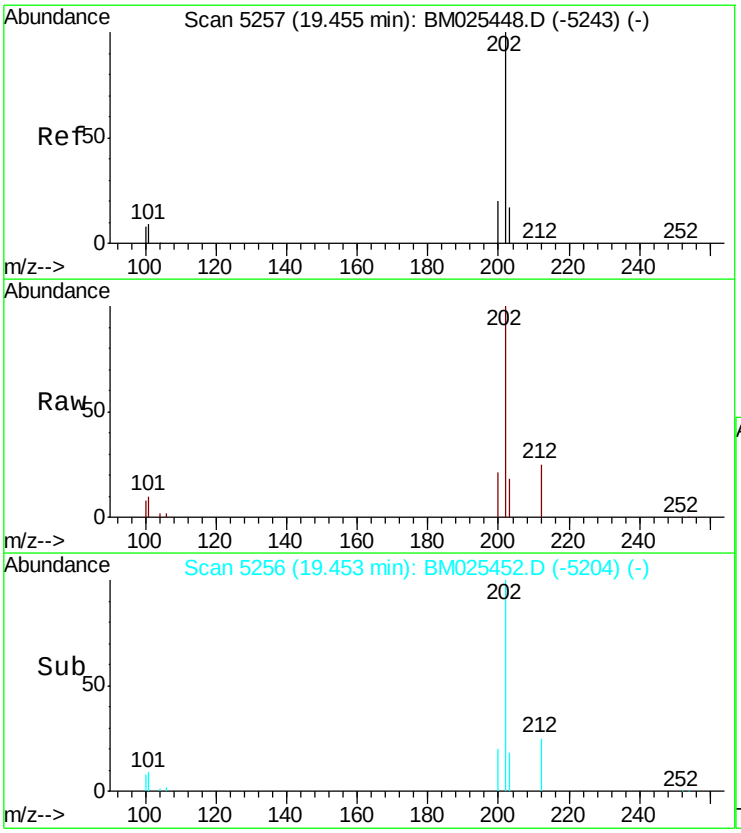
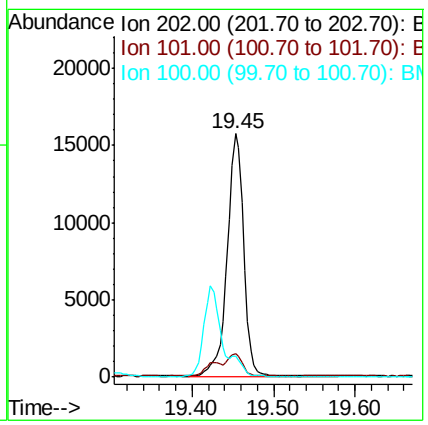
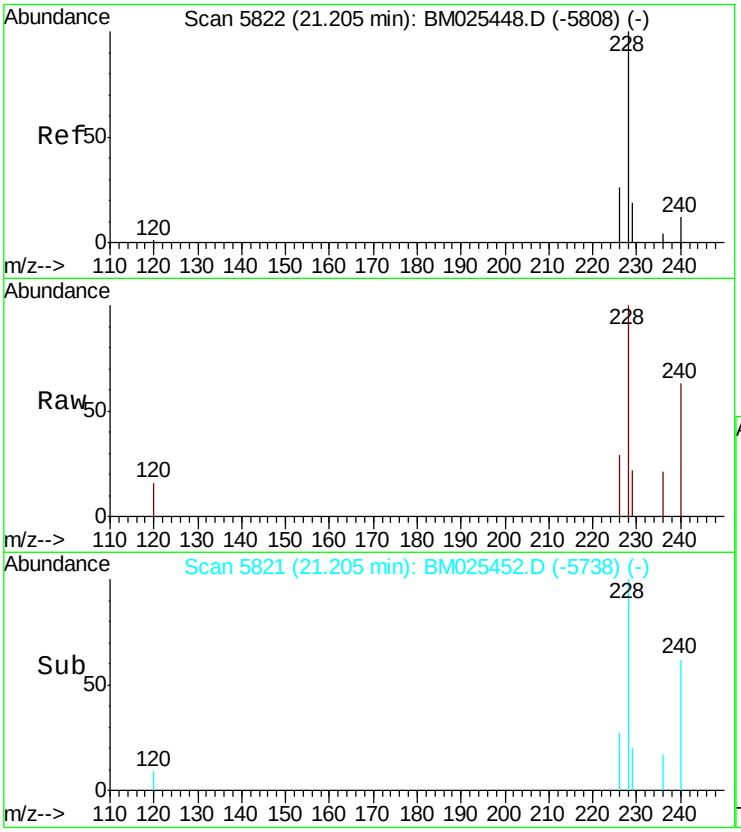


#17
Pyrene
Concen: 0.335 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025452.D
Acq: 10 Mar 2020 14:45

Tgt Ion:202 Resp: 21896

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.1	10.7
100	8.3	6.0	9.0

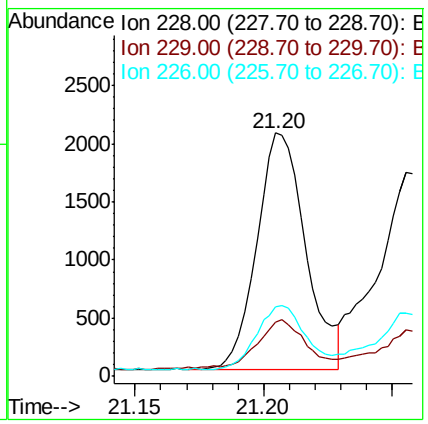




#18
Benzo(a)anthracene
Concen: 0.052 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025452.D
Acq: 10 Mar 2020 14:45

Tgt Ion:228 Resp: 2687

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.6	23.4
226	28.6	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
DBDS6

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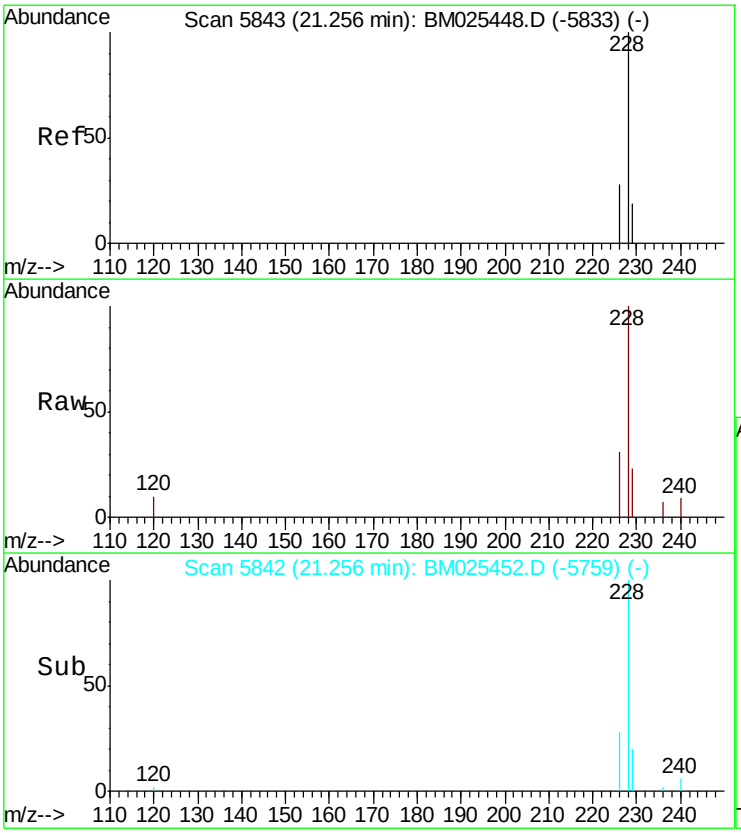
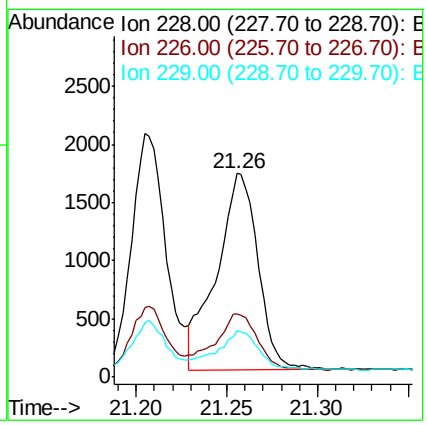
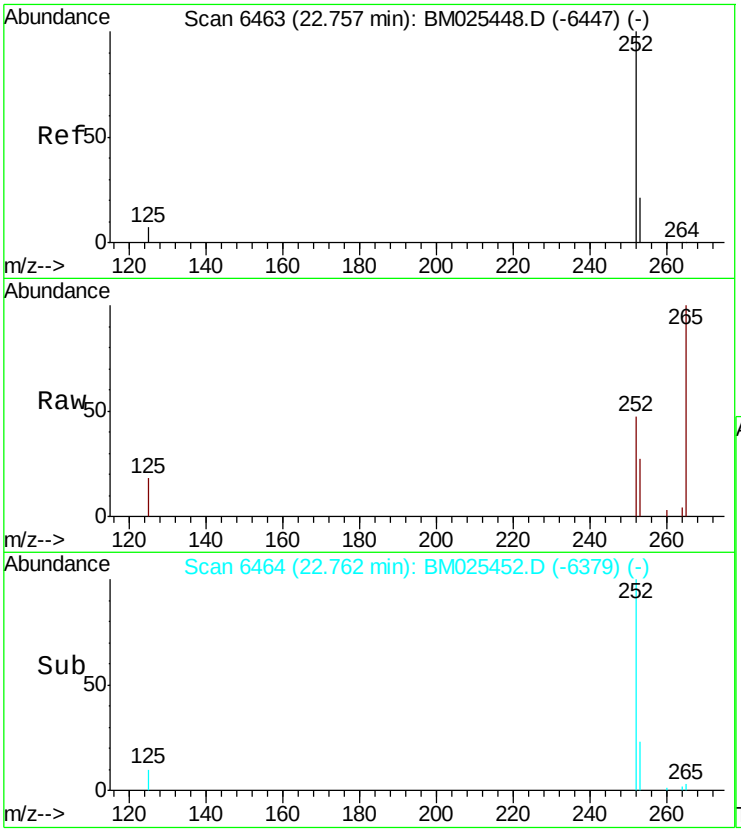


#19
Chrysene
Concen: 0.046 ng/ul
RT: 21.26 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025452.D
Acq: 10 Mar 2020 14:45

Tgt Ion:228 Resp: 2679

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.6	35.4
229	23.0	16.3	24.5

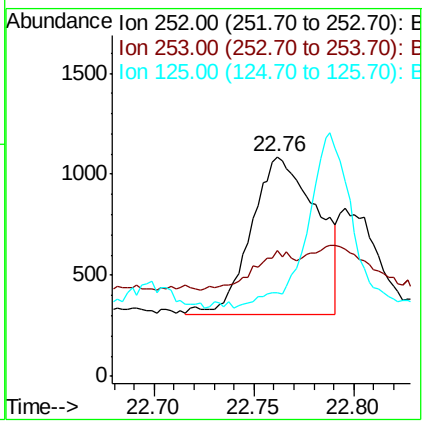




#21
Benzo(b)fluoranthene
Concen: 0.029 ng/ul m
RT: 22.76 min Scan# 6464
Delta R.T. 0.01 min
Lab File: BM025452.D
Acq: 10 Mar 2020 14:45

Tgt Ion:252 Resp: 1799

Ion	Ratio	Lower	Upper
252	100		
253	57.2	0.0	50.2#
125	37.9	0.0	17.6#



Instrument :
BNA_M
ClientSampleId :
DBDS6

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