Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025466.D
Acq On : 10 Mar 2020 23:18
Operator : CG/JU
Sample : L1617-12
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDS6

Manual Integrations APPROVED
mohammad
3/11/2020 8:02:02 AM

Quant Time: Mar 11 00:16:51 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 : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3948	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	16949	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	12075	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	25590	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	18010	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	19510	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7766	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	16669	0.24	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.35	153	2711	0.063	ng/ul	98
9) Fluorene	15.34	166	8901	0.169	ng/ul	99
12) Phenanthrene	17.07	178	72786	0.898	ng/ul	100
13) Anthracene	17.16	178	4520	0.064	ng/ul	97
15) Fluoranthene	19.09	202	39176	0.446	ng/ul	99
17) Pyrene	19.45	202	27367	0.339	ng/ul	99
18) Benzo(a)anthracene	21.20	228	3340	0.052	ng/ul	96
19) Chrysene	21.25	228	3303	0.046	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	2346m	0.030	ng/ul	

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

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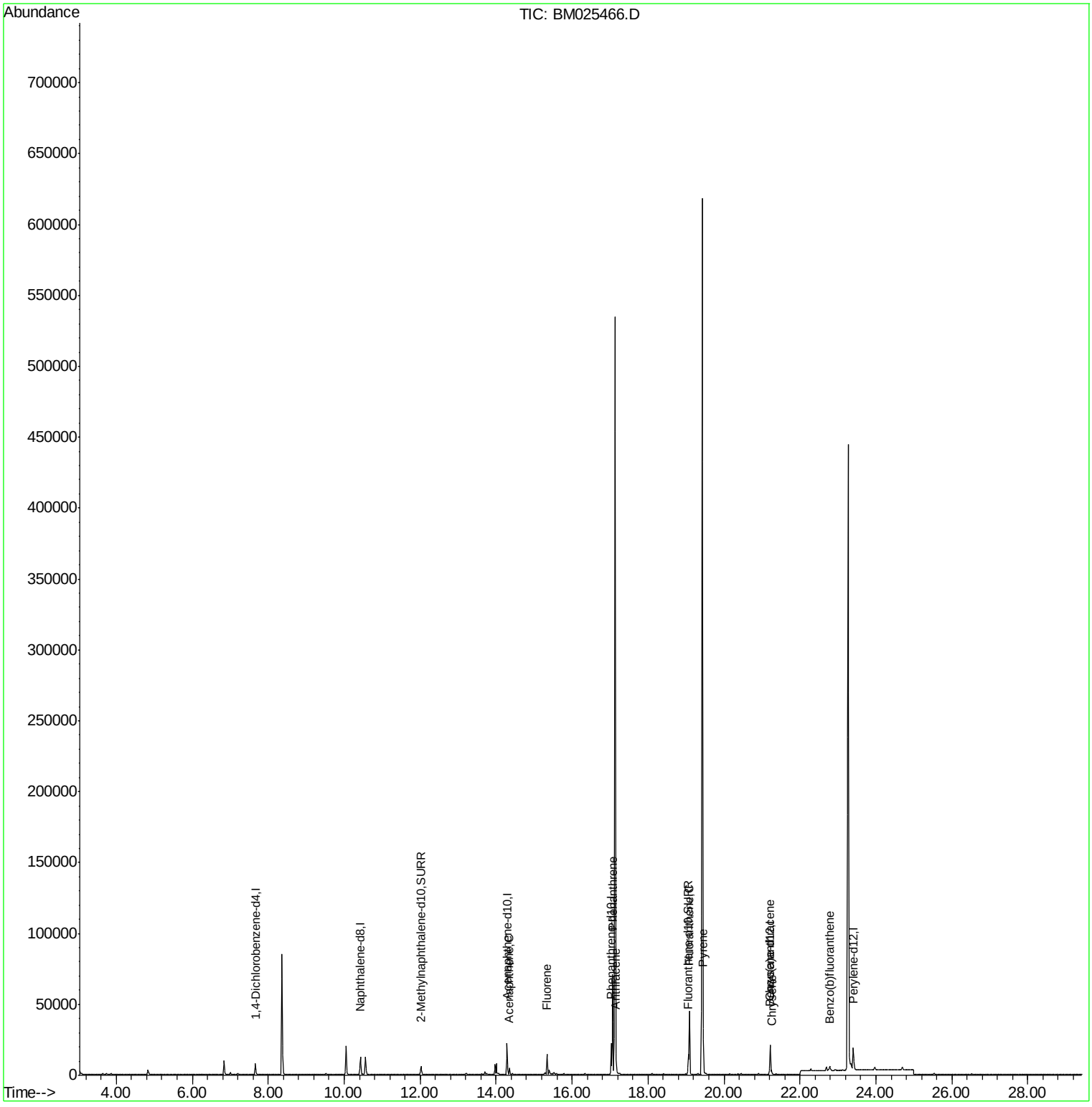

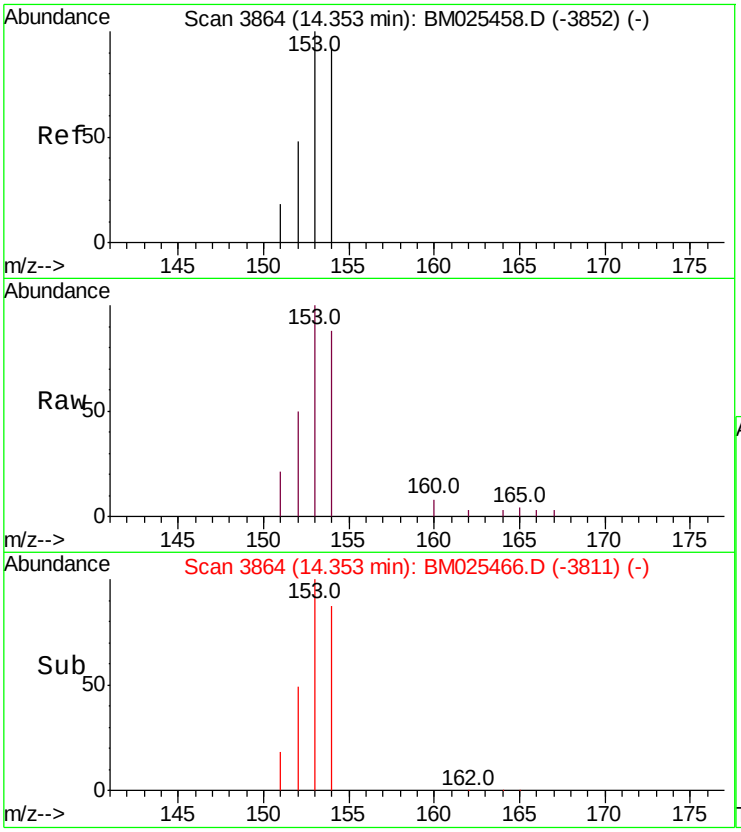

#8
Acenaphthene
Concen: 0.063 ng/ul
RT: 14.35 min Scan# 3864
Delta R.T. -0.00 min
Lab File: BM025466.D
Acq: 10 Mar 2020 23:18

Tgt Ion:153 Resp: 2711

Ion	Ratio	Lower	Upper
153	100		
152	50.4	39.5	59.3
154	87.8	71.7	107.5

Instrument :
BNA_M
ClientSampleId :
DBDS6

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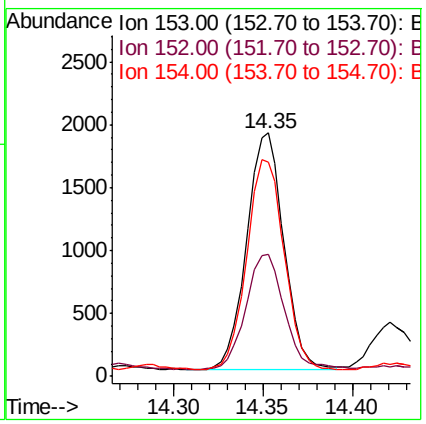
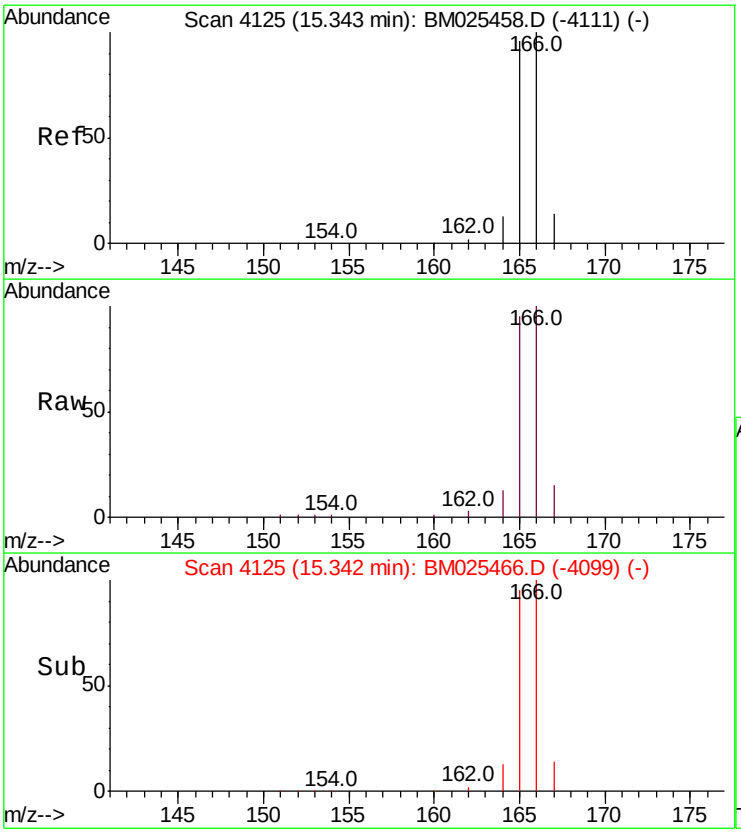
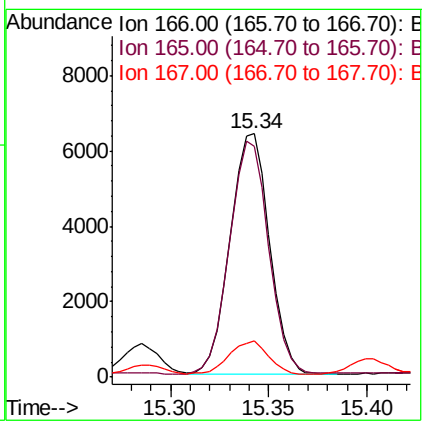


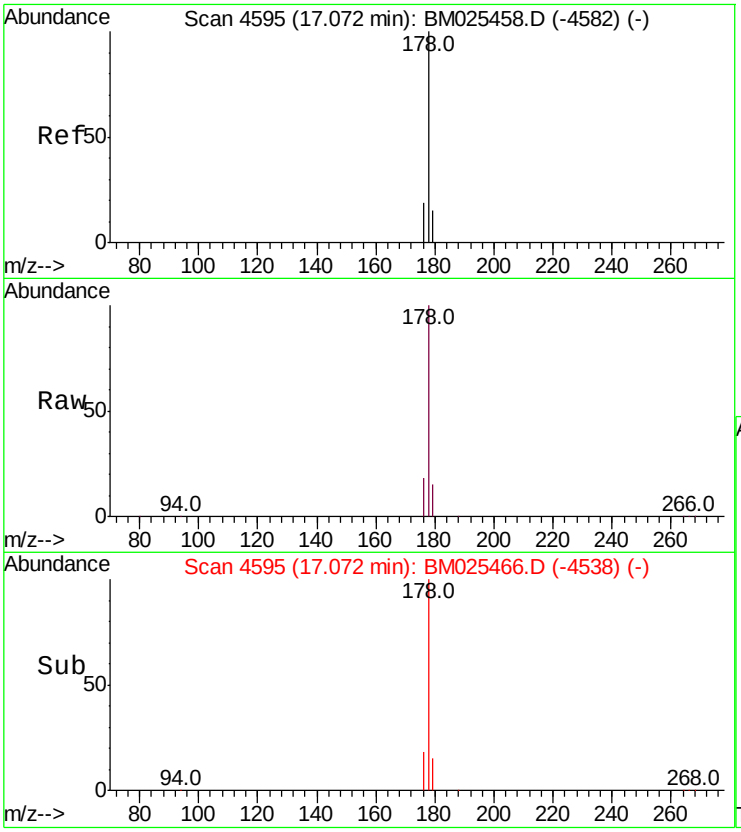


#9
Fluorene
Concen: 0.169 ng/ul
RT: 15.34 min Scan# 4125
Delta R.T. -0.00 min
Lab File: BM025466.D
Acq: 10 Mar 2020 23:18

Tgt Ion:166 Resp: 8901

Ion	Ratio	Lower	Upper
166	100		
165	94.9	76.8	115.2
167	14.7	11.2	16.8

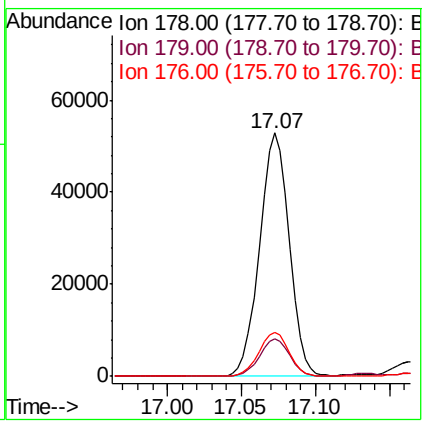




#12
Phenanthrene
Concen: 0.898 ng/ul
RT: 17.07 min Scan# 4595
Delta R.T. -0.00 min
Lab File: BM025466.D
Acq: 10 Mar 2020 23:18

Tgt Ion:178 Resp: 72786

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.3	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
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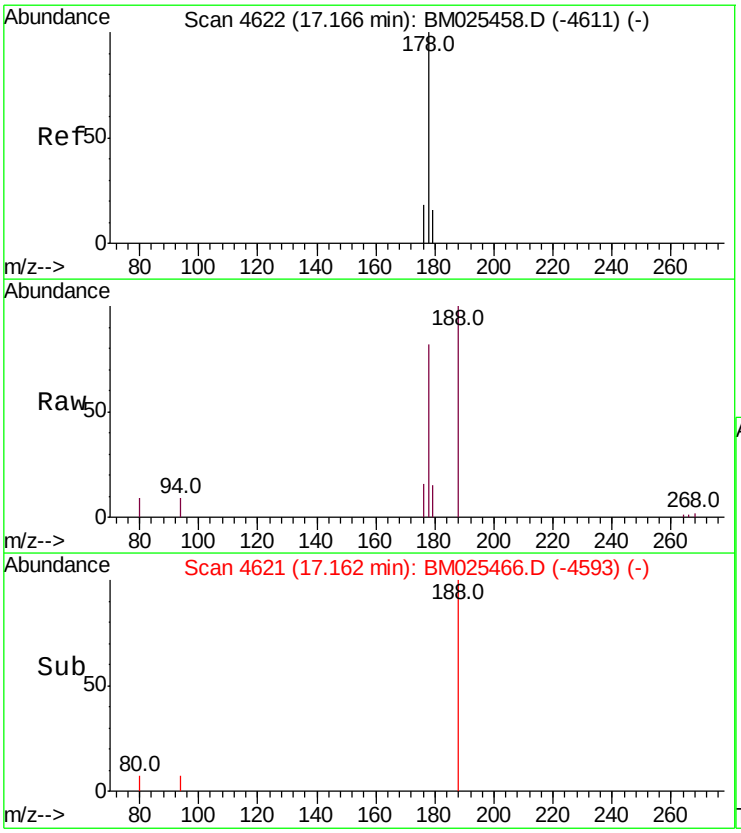
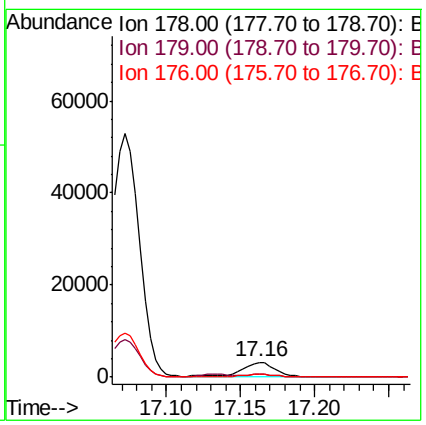
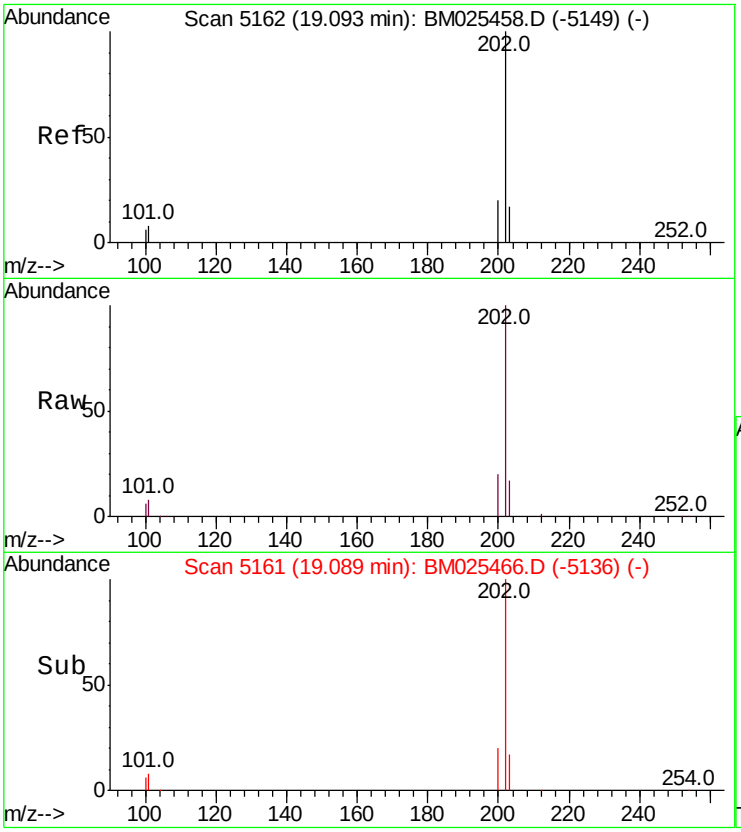


#13
Anthracene
Concen: 0.064 ng/ul
RT: 17.16 min Scan# 4621
Delta R.T. -0.00 min
Lab File: BM025466.D
Acq: 10 Mar 2020 23:18

Tgt Ion:178 Resp: 4520

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.6	18.8
176	19.1	14.5	21.7





#15
Fluoranthene
Concen: 0.446 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025466.D
Acq: 10 Mar 2020 23:18

Tgt Ion:202 Resp: 39176

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	27.5
100	6.1	0.0	26.0

Instrument :
BNA_M
ClientSampleId :
DBDS6

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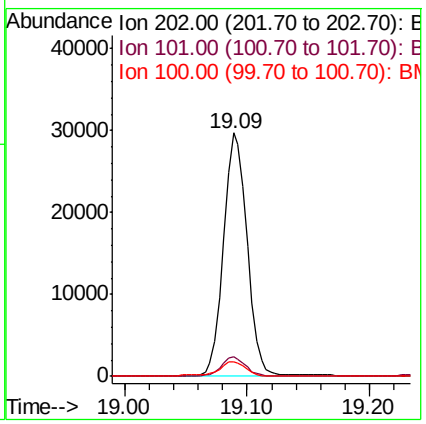
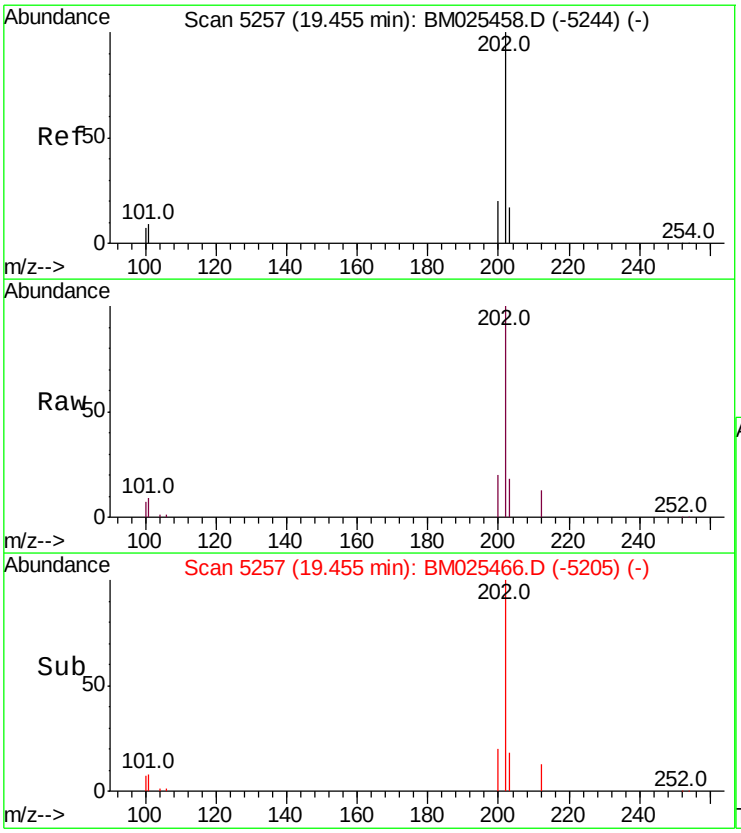
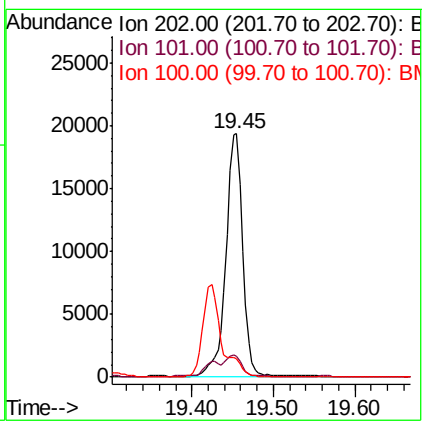


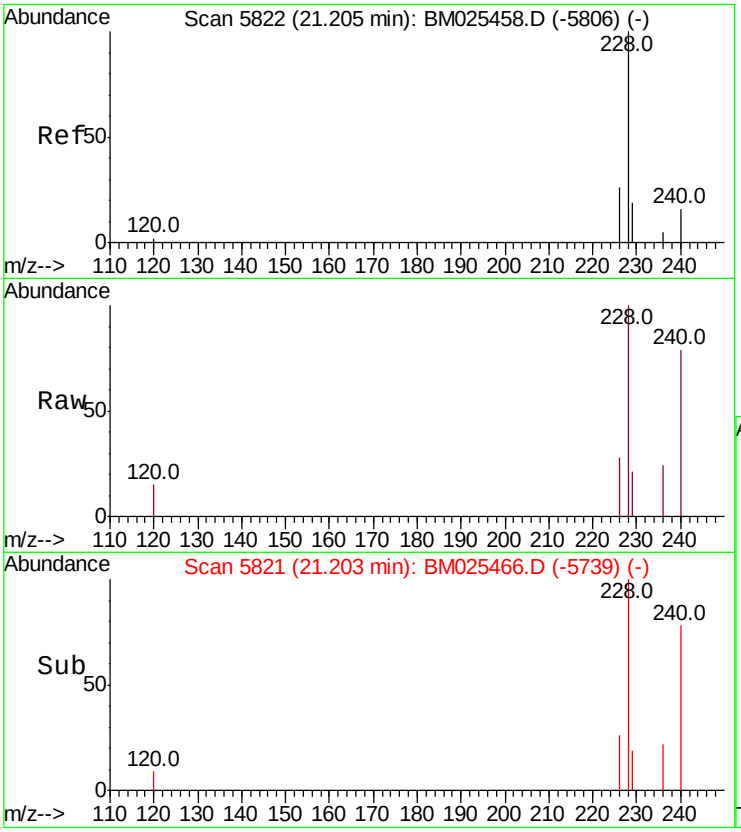


#17
Pyrene
Concen: 0.339 ng/ul
RT: 19.45 min Scan# 5257
Delta R.T. -0.00 min
Lab File: BM025466.D
Acq: 10 Mar 2020 23:18

Tgt Ion:202 Resp: 27367

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.1	10.7
100	7.4	6.0	9.0

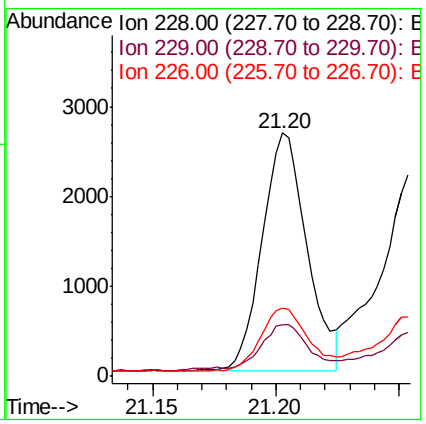




#18
Benzo(a)anthracene
Concen: 0.052 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025466.D
Acq: 10 Mar 2020 23:18

Tgt Ion:228 Resp: 3340

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.6	23.4
226	28.2	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
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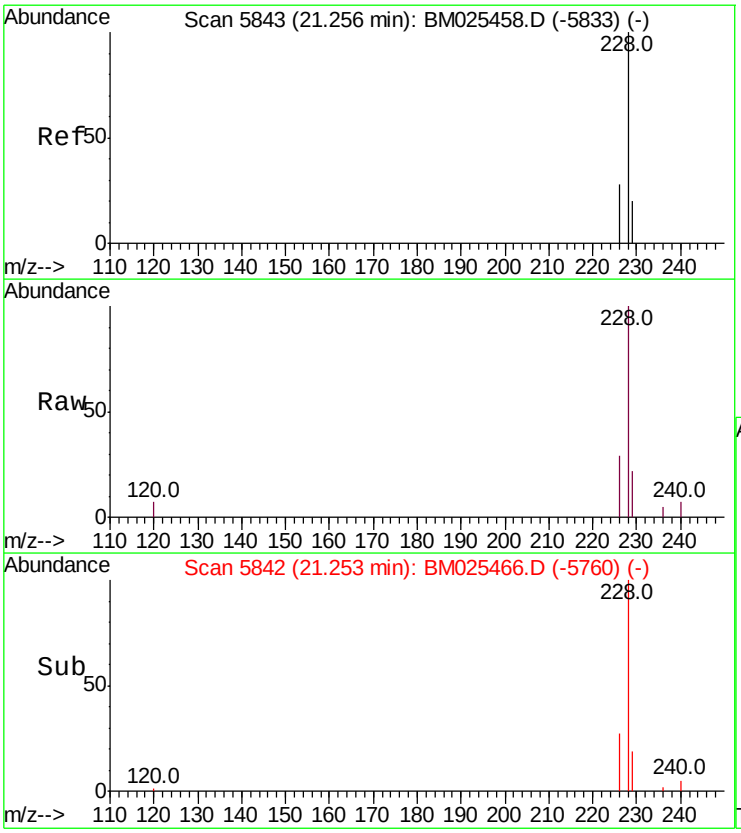
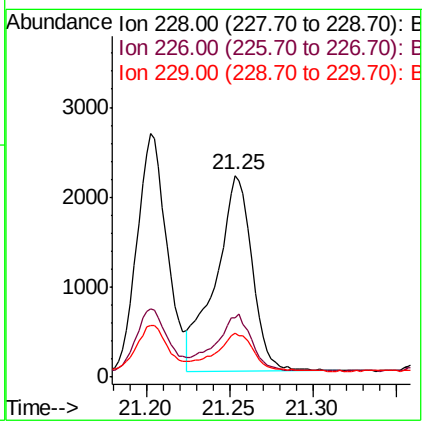
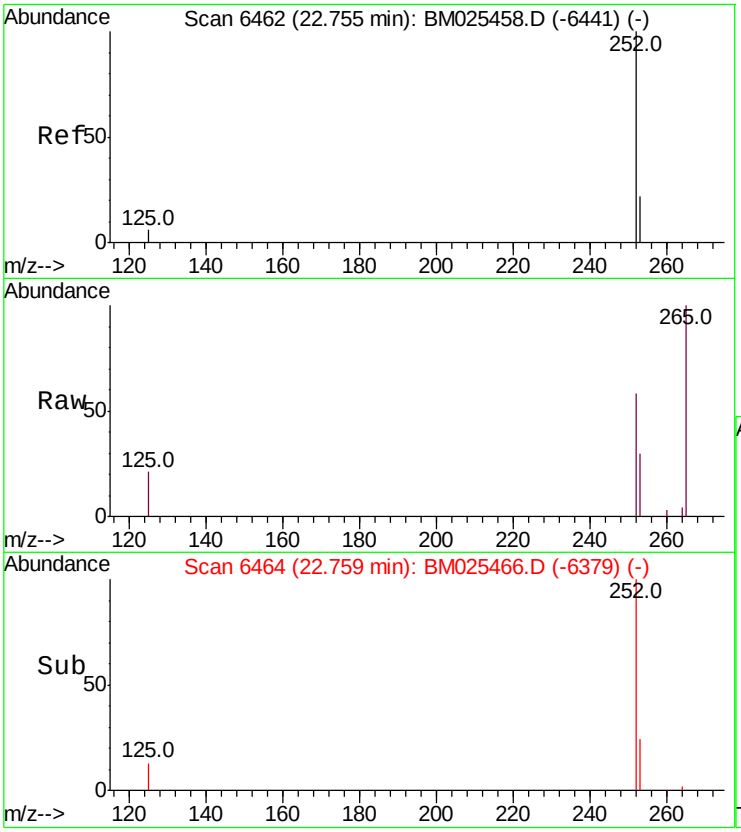


#19
Chrysene
Concen: 0.046 ng/ul
RT: 21.25 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025466.D
Acq: 10 Mar 2020 23:18

Tgt Ion:228 Resp: 3303

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	22.0	16.3	24.5

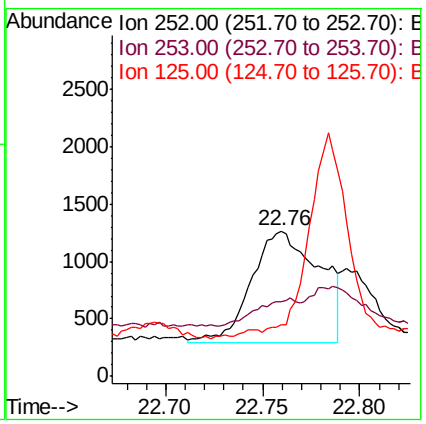




#21
Benzo(b)fluoranthene
Concen: 0.030 ng/ul m
RT: 22.76 min Scan# 6464
Delta R.T. 0.00 min
Lab File: BM025466.D
Acq: 10 Mar 2020 23:18

Tgt Ion:252 Resp: 2346

Ion	Ratio	Lower	Upper
252	100		
253	51.6	0.0	50.2#
125	35.8	0.0	17.6#



Instrument :
BNA_M
ClientSampleId :
DBDS6

Manual Integrations APPROVED
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