Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025460.D
Acq On : 10 Mar 2020 19:38
Operator : CG/JU
Sample : L1617-20
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Mar 11 00:07:16 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

Instrument : BNA_M
ClientSampleId : DBDT4

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3491	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15307	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	10230	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	20927	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	16295	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	19151	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	3486	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	7908	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	16973	0.375	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	12502	0.386	ng/ul	100
7) Acenaphthylene	14.00	152	59235	1.417	ng/ul	99
8) Acenaphthene	14.35	153	79361	2.165	ng/ul	99
9) Fluorene	15.34	166	108304	2.424	ng/ul	100
12) Phenanthrene	17.07	178	656244	9.895	ng/ul	100
13) Anthracene	17.17	178	1561697	27.059	ng/ul	99
15) Fluoranthene	19.09	202	2819385	39.217	ng/ul	98
17) Pyrene	19.46	202	3275619	44.786	ng/ul	99
18) Benzo(a)anthracene	21.21	228	1490130	25.578	ng/ul	97
19) Chrysene	21.26	228	2027905	30.997	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	2654271m	35.001	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	855454m	10.766	ng/ul	
23) Benzo(a)pyrene	23.32	252	1180566m	18.747	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.58	276	778599	9.113	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.59	278	212374	2.955	ng/ul	97
26) Benzo(g,h,i)perylene	26.24	276	507270	6.845	ng/ul	98

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

Quantitation Report (QT Reviewed)

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Acq On : 10 Mar 2020 19:38
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Misc :
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QLast Update : Tue Mar 10 23:48:01 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDT4

Manual Integrations APPROVED
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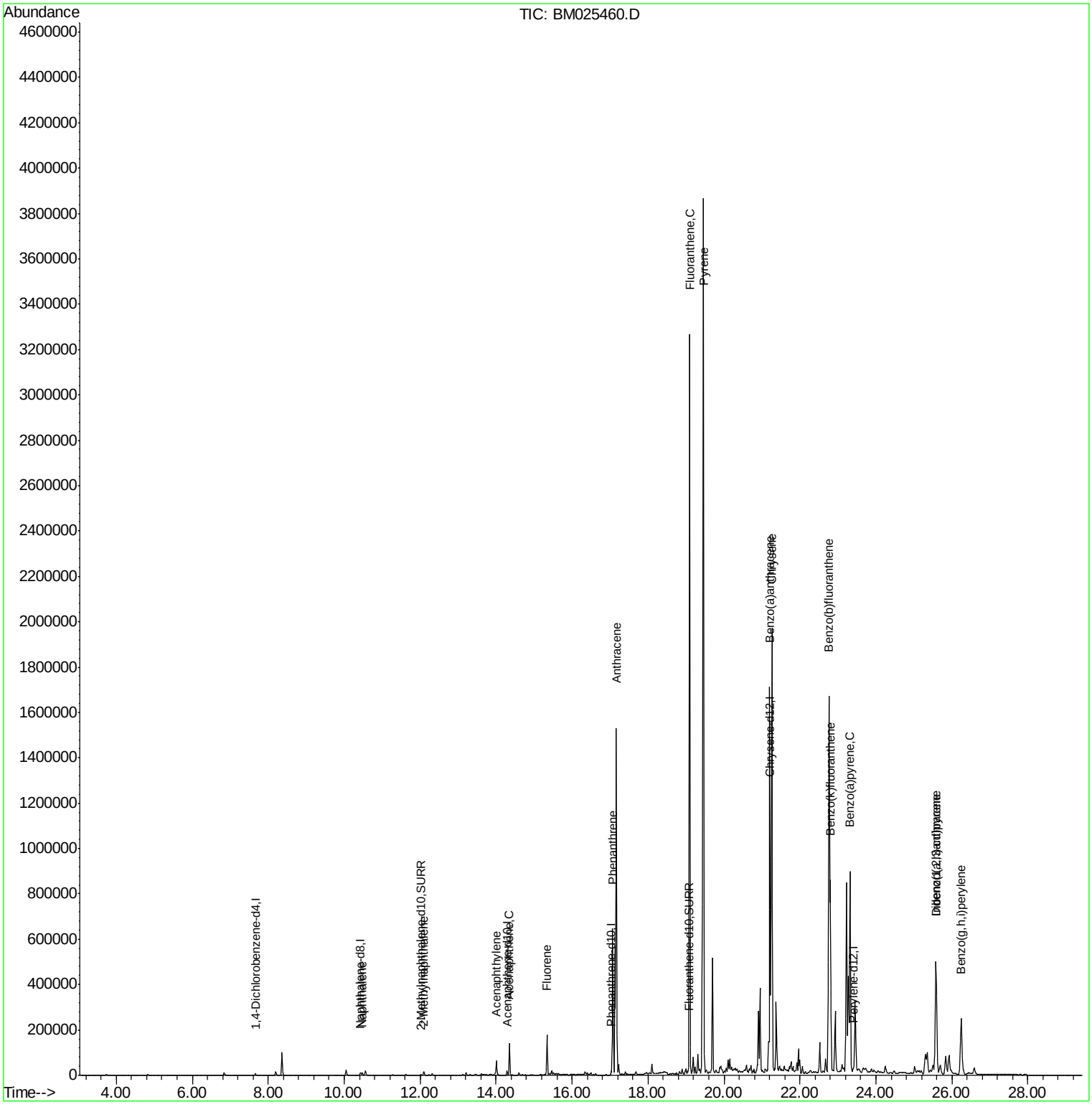
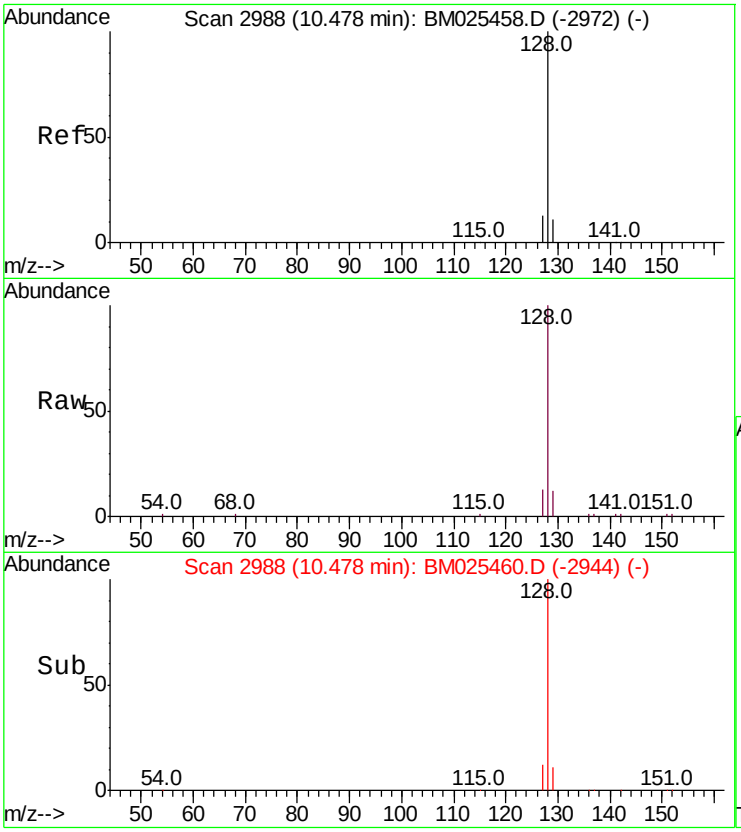
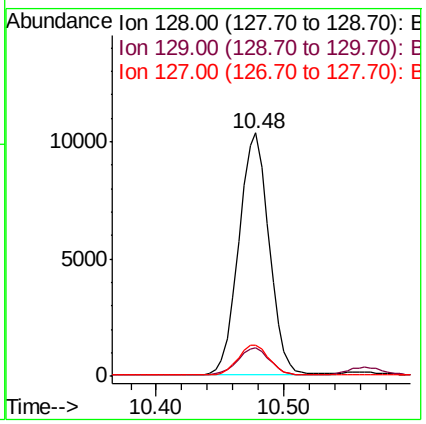




#3
Naphthalene
Concen: 0.375 ng/ul
RT: 10.48 min Scan# 2988
Delta R.T. 0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:128 Resp: 16973

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	13.0	10.9	16.3



Instrument :
BNA_M
ClientSampleId :
DBDT4

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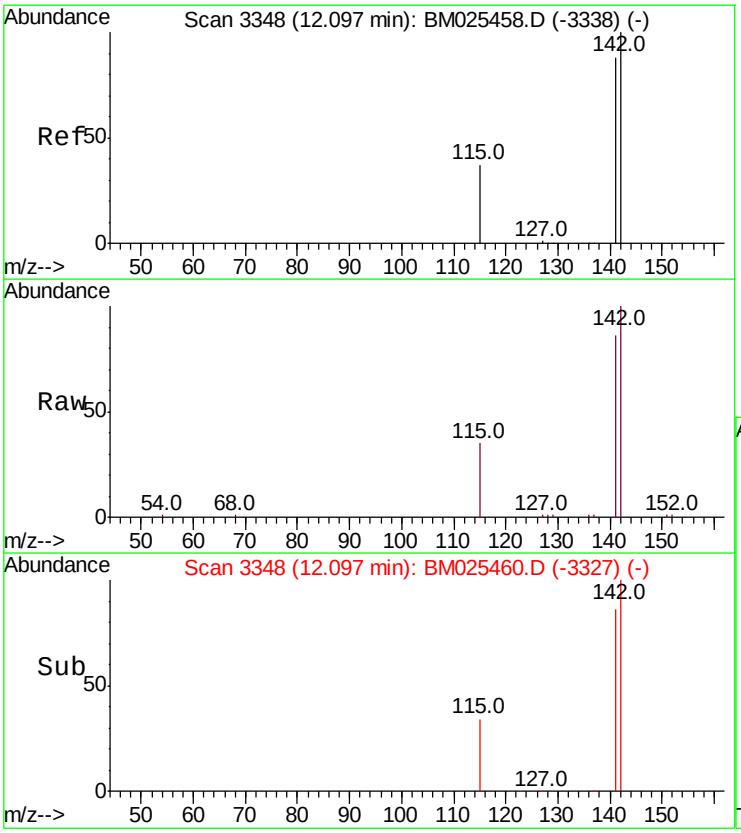
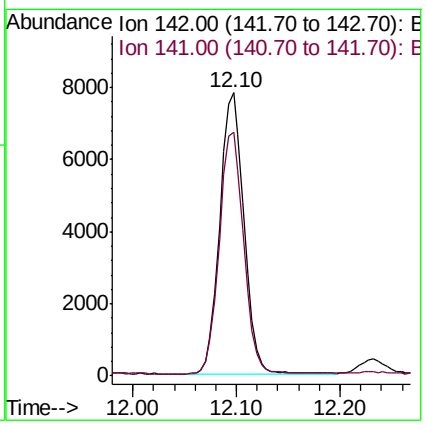
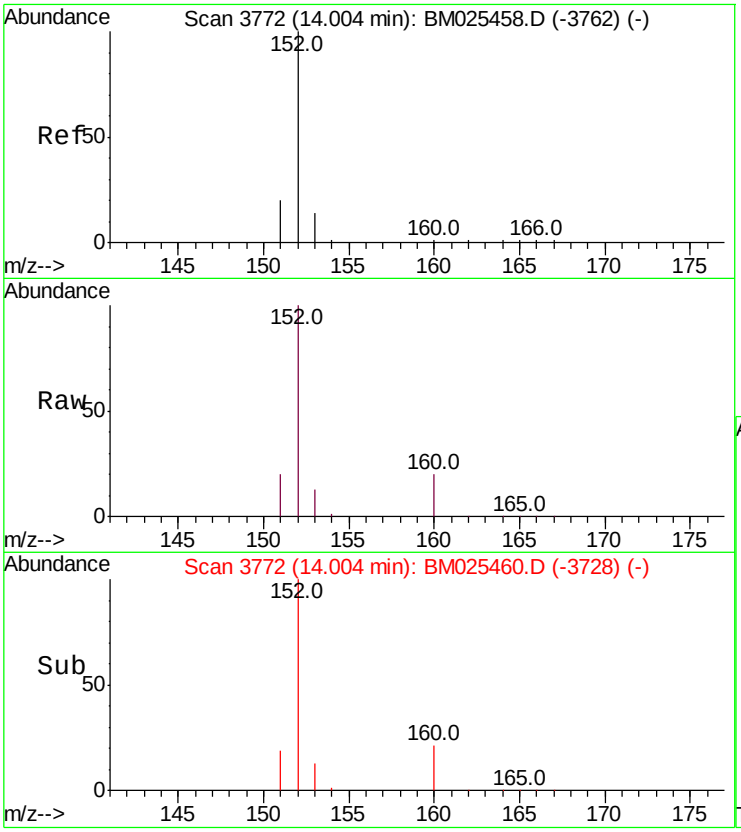


#5
2-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.10 min Scan# 3348
Delta R.T. -0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:142 Resp: 12502

Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.8	104.6

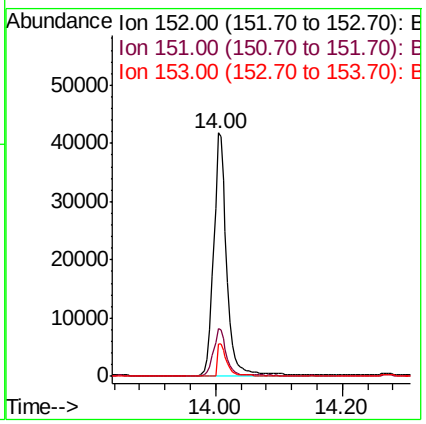




#7
Acenaphthylene
Concen: 1.417 ng/ul
RT: 14.00 min Scan# 3772
Delta R.T. -0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:152 Resp: 59235

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	13.4	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
DBDT4

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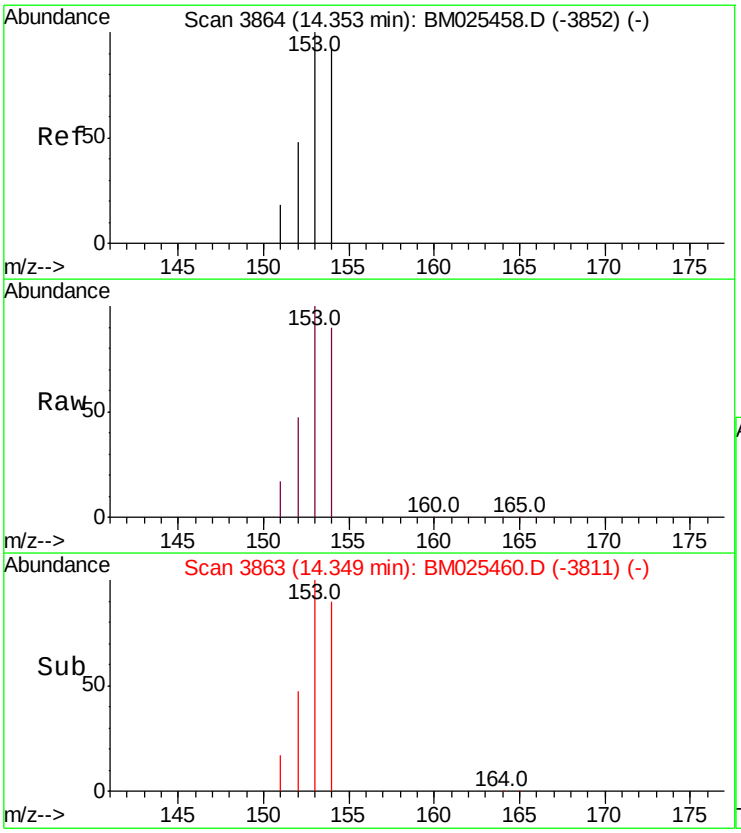
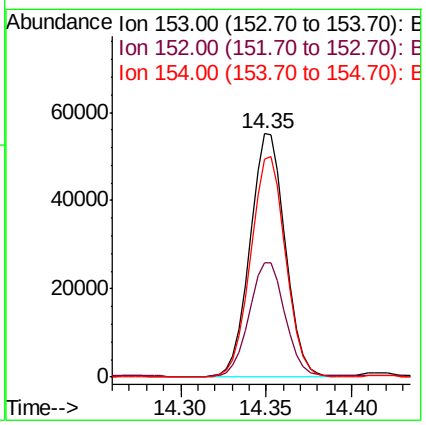
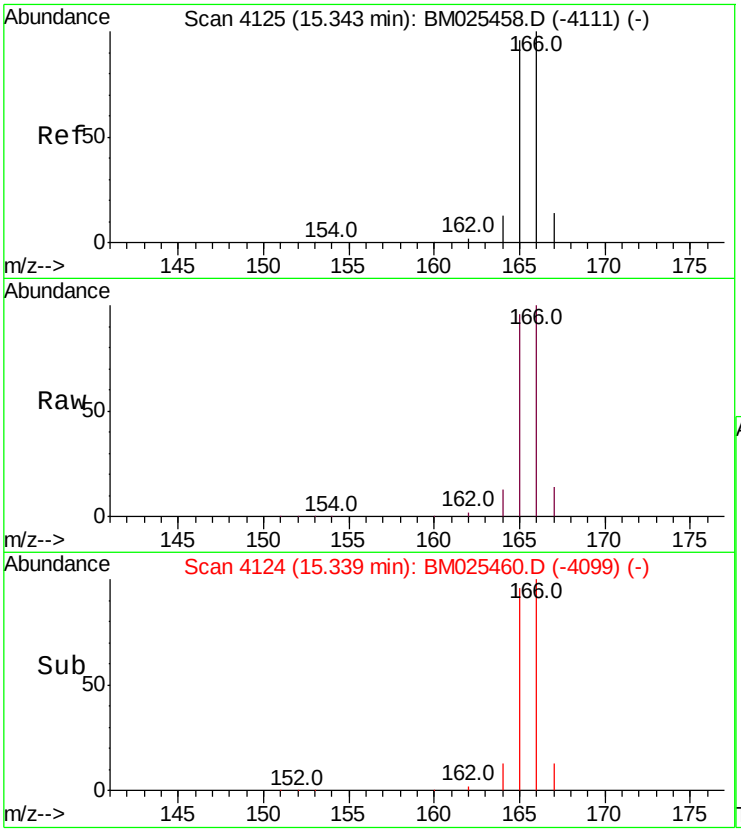


#8
Acenaphthene
Concen: 2.165 ng/ul
RT: 14.35 min Scan# 3863
Delta R.T. -0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:153 Resp: 79361

Ion	Ratio	Lower	Upper
153	100		
152	47.2	39.5	59.3
154	89.6	71.7	107.5

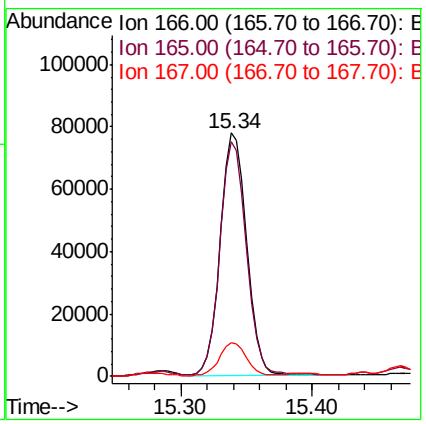




#9
Fluorene
Concen: 2.424 ng/ul
RT: 15.34 min Scan# 4124
Delta R.T. -0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:166 Resp: 108304

Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.8	115.2
167	13.9	11.2	16.8



Instrument :
BNA_M
ClientSampleId :
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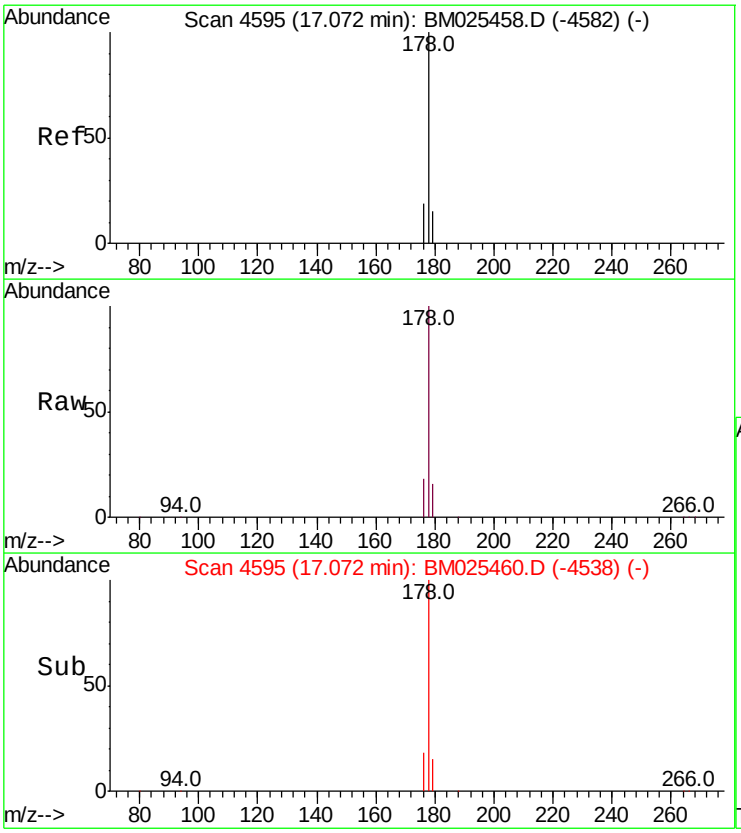
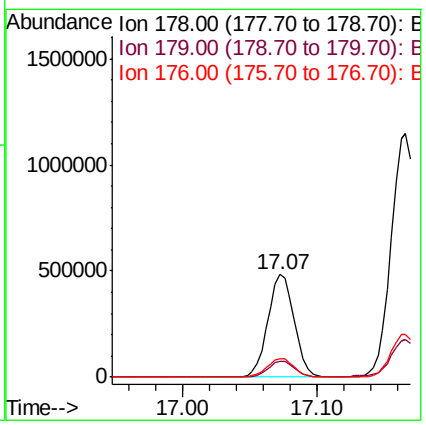
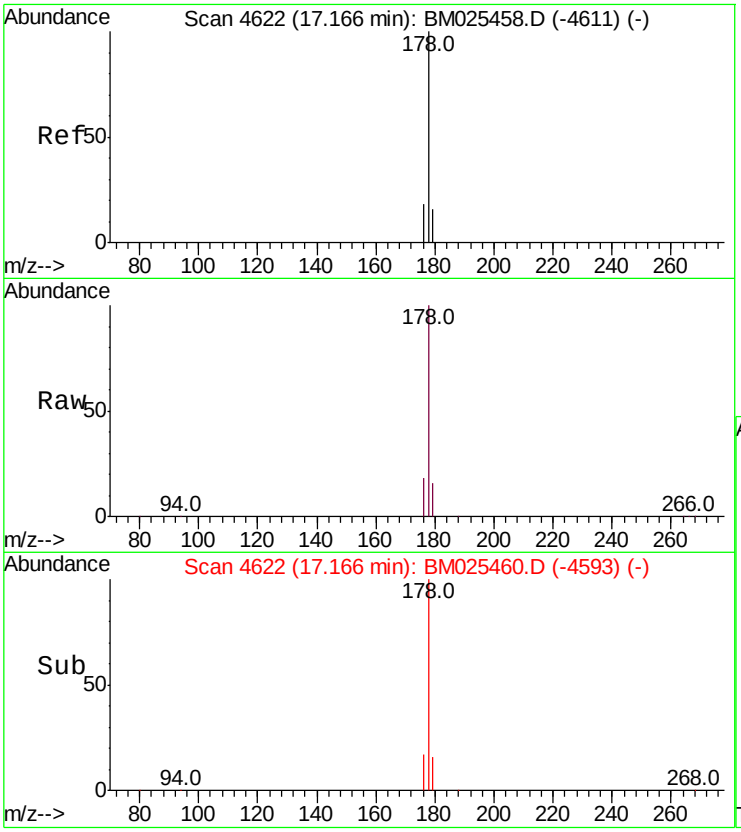


#12
Phenanthrene
Concen: 9.895 ng/ul
RT: 17.07 min Scan# 4595
Delta R.T. -0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:178 Resp: 656244

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.3	14.8	22.2

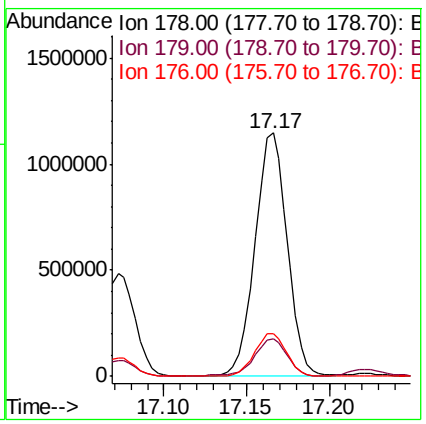




#13
Anthracene
Concen: 27.059 ng/ul
RT: 17.17 min Scan# 4622
Delta R.T. 0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:178 Resp: 1561697

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	17.5	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
DBDT4

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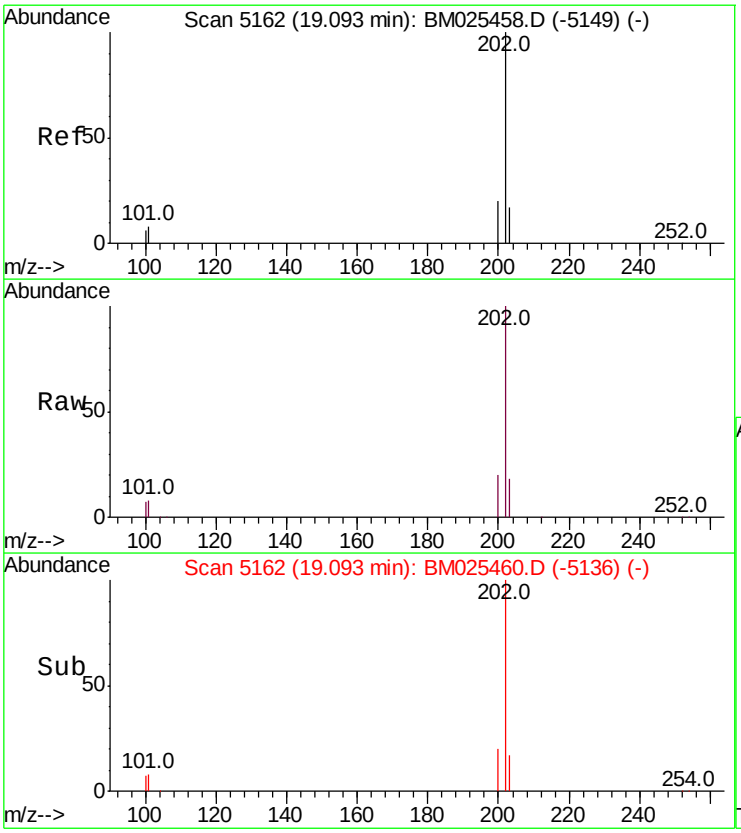
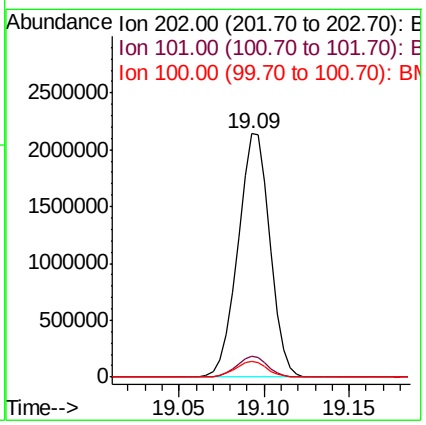
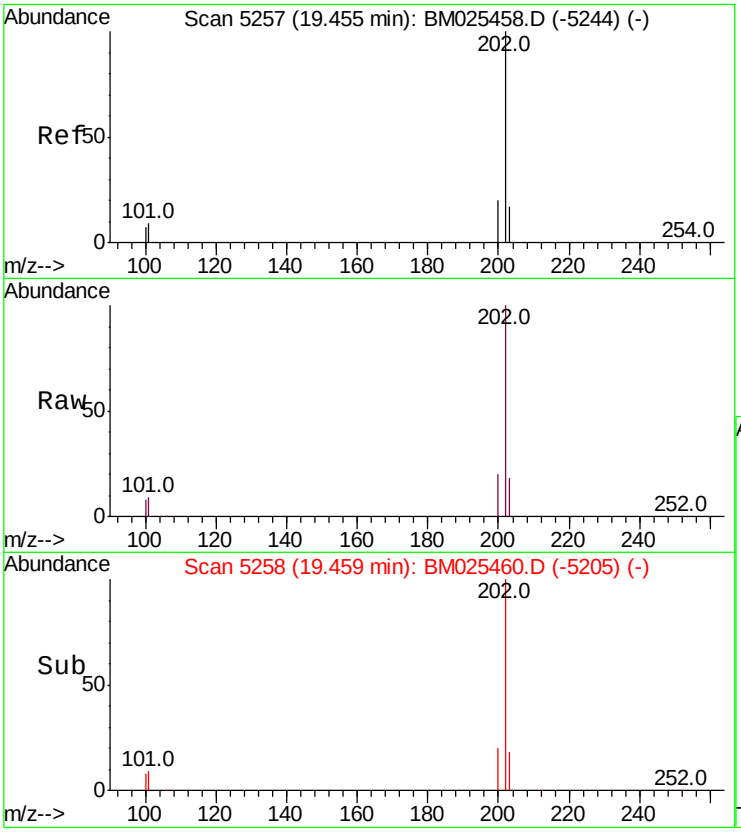


#15
Fluoranthene
Concen: 39.217 ng/ul
RT: 19.09 min Scan# 5162
Delta R.T. 0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:202 Resp: 2819385

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	27.5
100	6.6	0.0	26.0

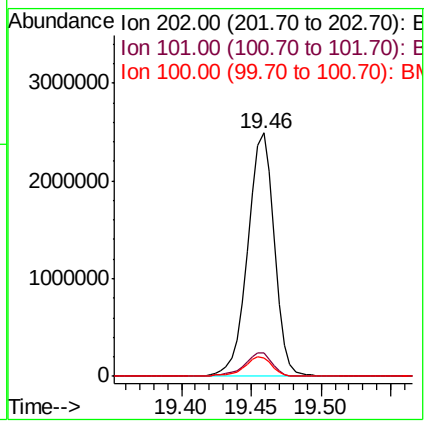




#17
Pyrene
Concen: 44.786 ng/ul
RT: 19.46 min Scan# 5258
Delta R.T. 0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:202 Resp: 3275619

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.1	10.7
100	7.7	6.0	9.0



Instrument :
BNA_M
ClientSampleId :
DBDT4

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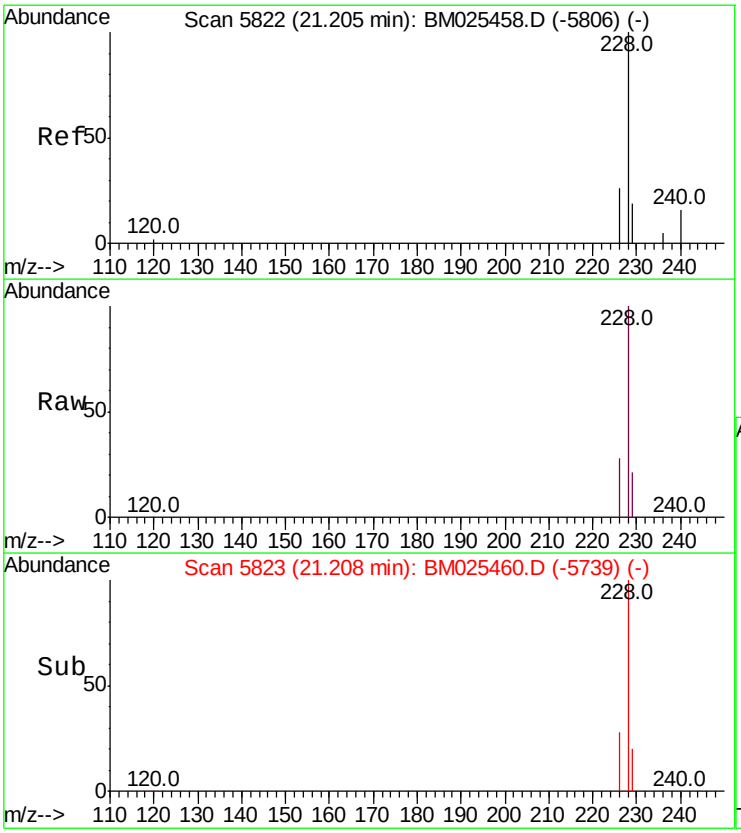
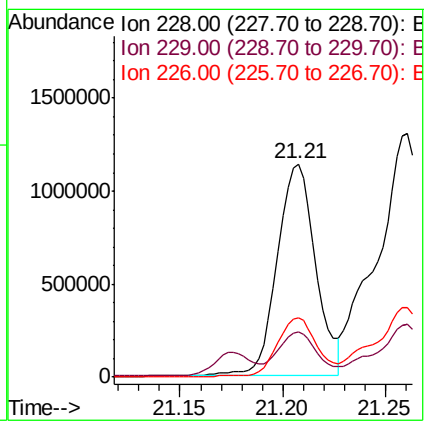
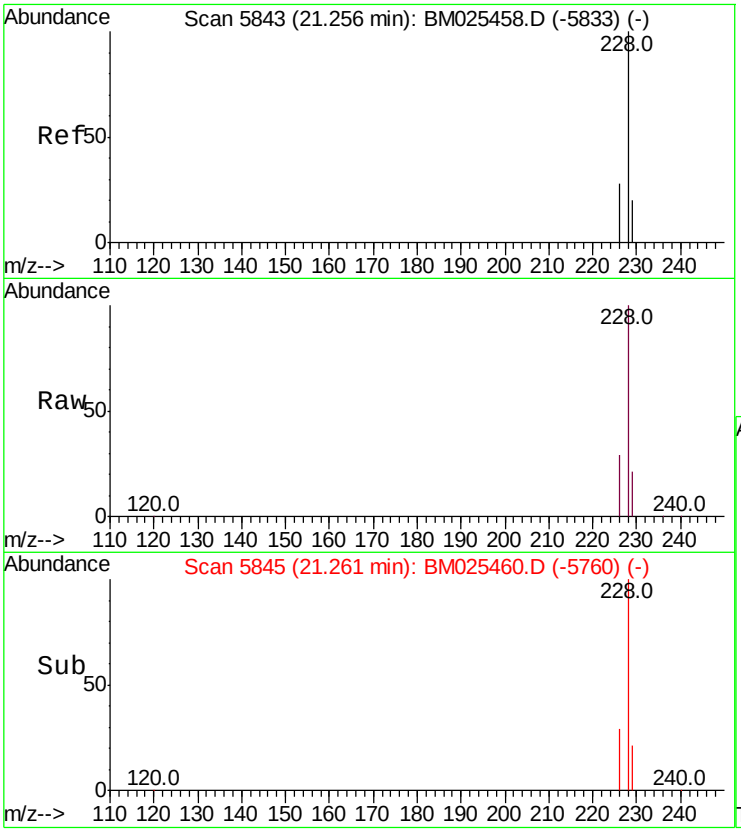


#18
Benzo(a)anthracene
Concen: 25.578 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. 0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:228 Resp: 1490130

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	27.9	21.1	31.7

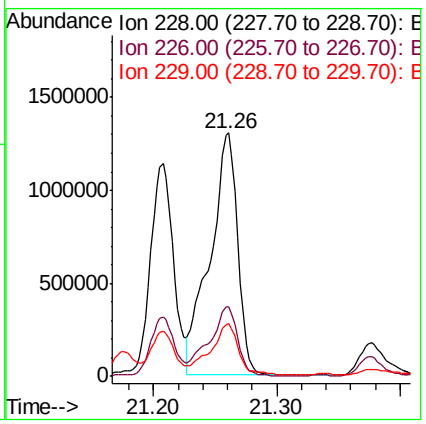




#19
Chrysene
Concen: 30.997 ng/ul
RT: 21.26 min Scan# 5845
Delta R.T. 0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:228 Resp: 2027905

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.6	35.4
229	21.5	16.3	24.5



Instrument :
BNA_M
ClientSampleId :
DBDT4

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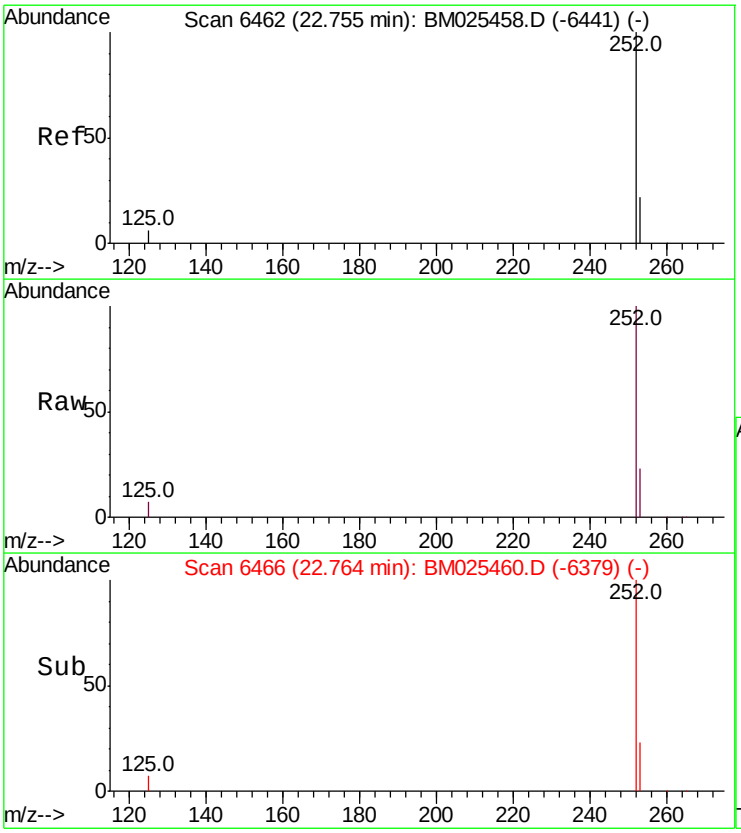
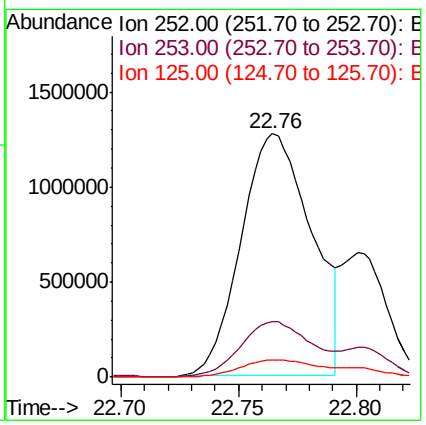
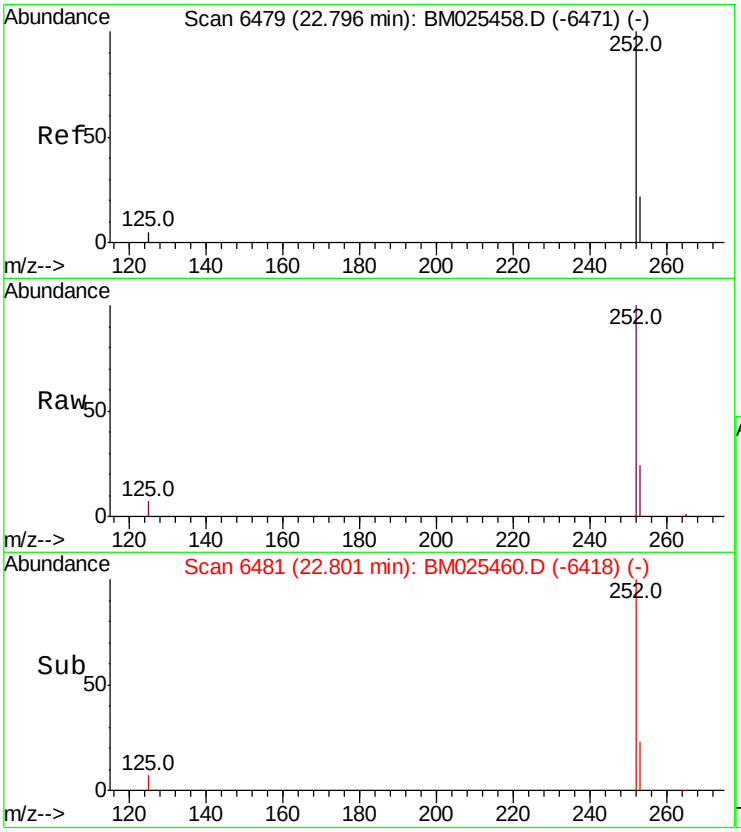


#21
Benzo(b)fluoranthene
Concen: 35.001 ng/ul m
RT: 22.76 min Scan# 6466
Delta R.T. 0.01 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:252 Resp: 2654271

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	50.2
125	7.2	0.0	17.6





#22
Benzo(k)fluoranthene
Concen: 10.766 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. 0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:252 Resp: 855454

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.8	29.8
125	7.2	7.1	10.7

Instrument :
BNA_M
ClientSampleId :
DBDT4

Manual Integrations APPROVED
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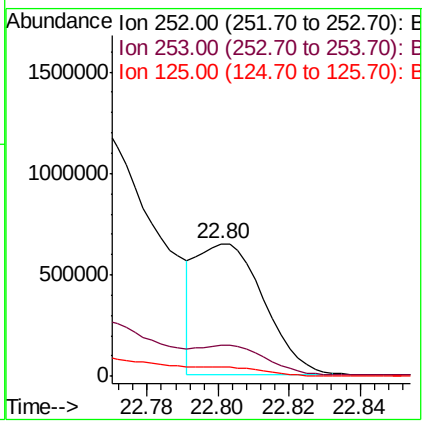
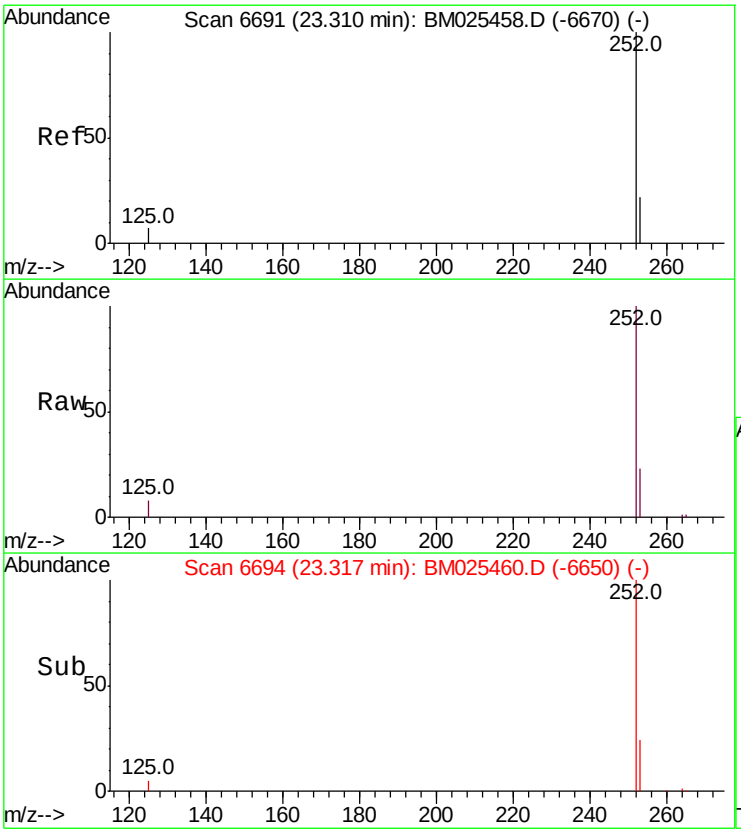
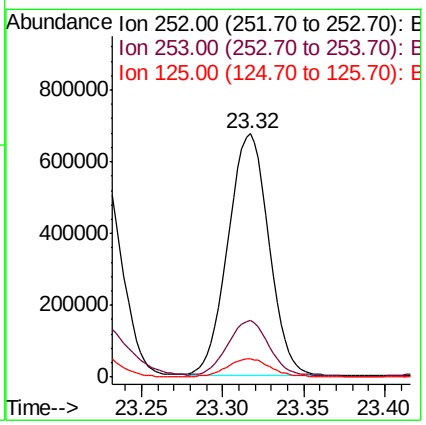


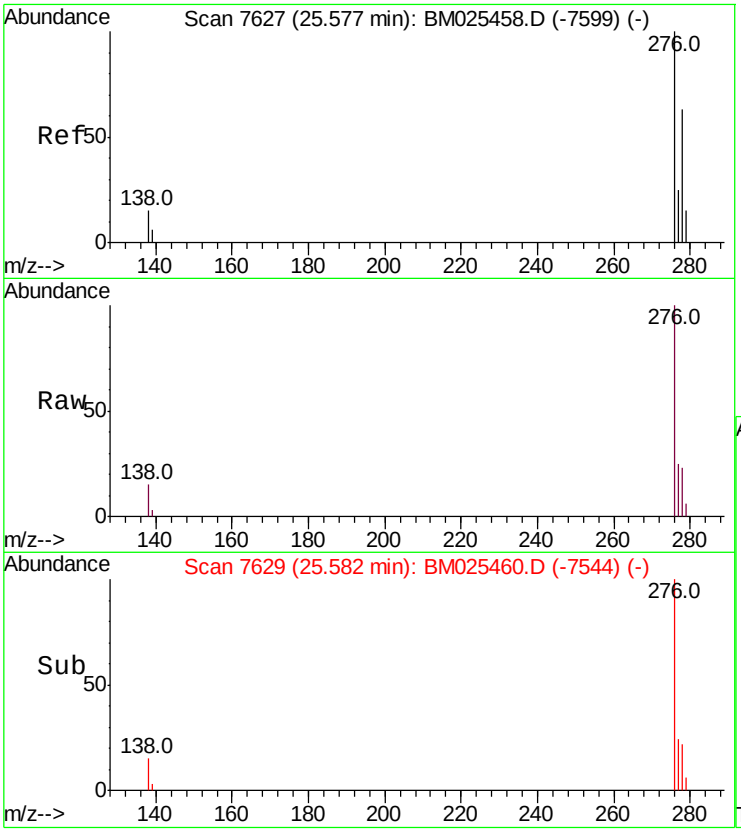


#23
Benzo(a)pyrene
Concen: 18.747 ng/ul m
RT: 23.32 min Scan# 6694
Delta R.T. 0.01 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:252 Resp: 1180566

Ion	Ratio	Lower	Upper
252	100		
253	23.1	21.3	31.9
125	7.6	8.5	12.7#

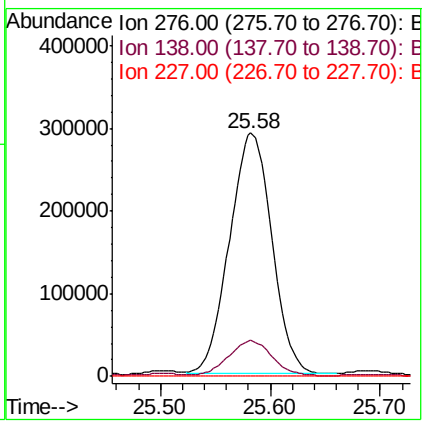




#24
Indeno(1,2,3-cd)pyrene
Concen: 9.113 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. 0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:276 Resp: 778599

Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.3	18.5
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
DBDT4

Manual Integrations APPROVED
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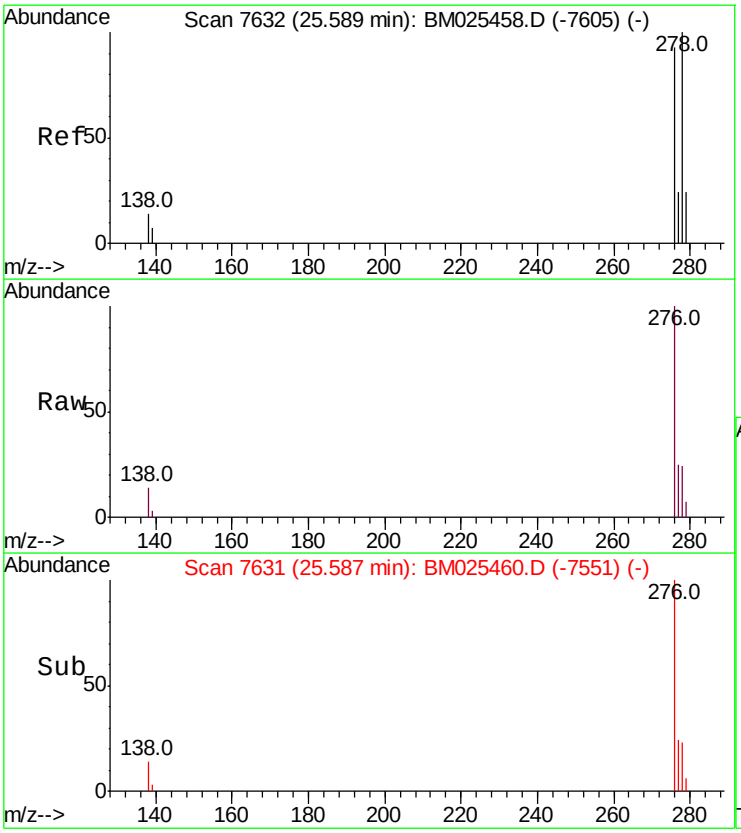
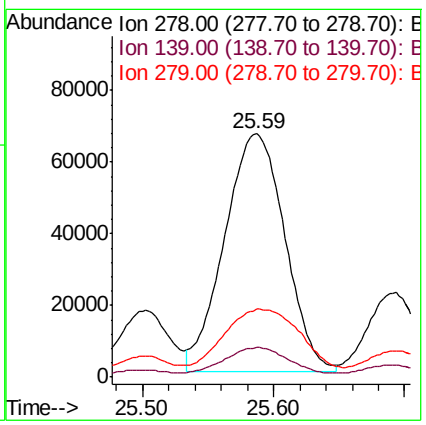
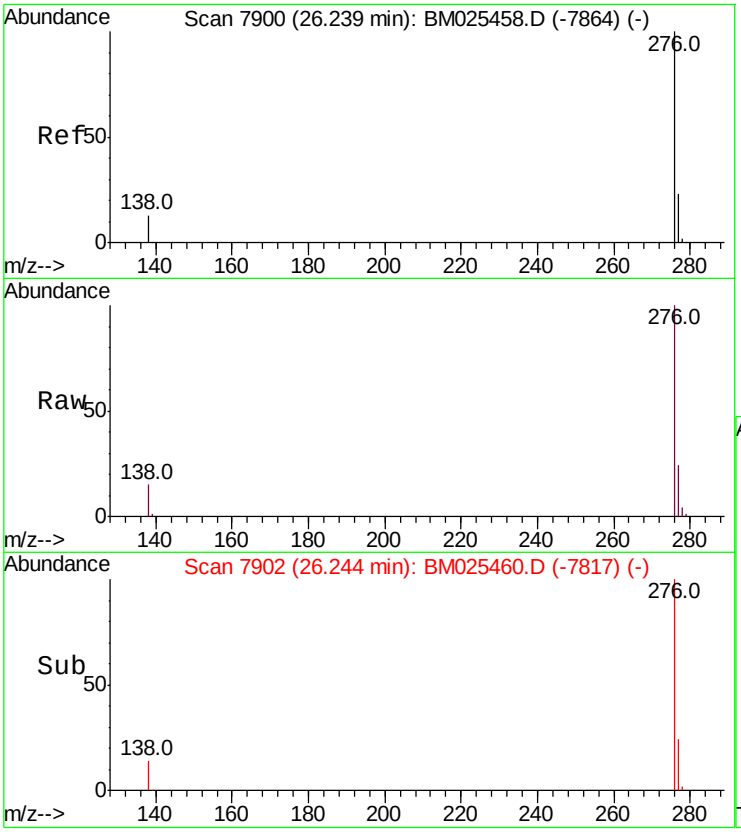


#25
Dibenzo(a,h)anthracene
Concen: 2.955 ng/ul
RT: 25.59 min Scan# 7631
Delta R.T. -0.01 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:278 Resp: 212374

Ion	Ratio	Lower	Upper
278	100		
139	12.2	9.0	13.6
279	27.8	21.1	31.7

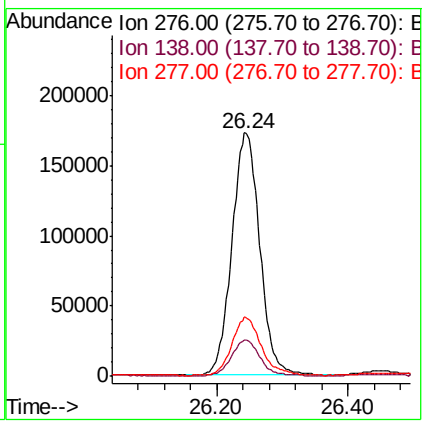




#26
Benzo(g,h,i)perylene
Concen: 6.845 ng/ul
RT: 26.24 min Scan# 7902
Delta R.T. 0.00 min
Lab File: BM025460.D
Acq: 10 Mar 2020 19:38

Tgt Ion:276 Resp: 507270

Ion	Ratio	Lower	Upper
276	100		
138	14.8	11.0	16.4
277	24.2	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
DBDT4

Manual Integrations APPROVED
mohammad
3/11/2020 8:01:45 AM