Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025346.D
Acq On : 07 Mar 2020 12:52
Operator : CG/JU
Sample : L1616-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 07 21:32:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 20:27:15 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DBDQ5

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4562	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	21027	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	15610	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	36041m	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	33391	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	29053	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	12704	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	39519	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	1948	0.031	ng/ul	92
5) 2-Methylnaphthalene	12.10	142	996	0.022	ng/ul	100
7) Acenaphthylene	14.01	152	11028	0.151	ng/ul	95
8) Acenaphthene	14.36	153	1264	0.022	ng/ul	98
9) Fluorene	15.35	166	1667	0.023	ng/ul#	98
11) Pentachlorophenol	16.69	266	1099	0.116	ng/ul	97
12) Phenanthrene	17.08	178	14379	0.124	ng/ul	97
13) Anthracene	17.17	178	60264	0.584	ng/ul	95
15) Fluoranthene	19.10	202	138574	0.953	ng/ul	96
17) Pyrene	19.46	202	199432	1.575	ng/ul	97
18) Benzo(a)anthracene	21.21	228	58320	0.475	ng/ul	96
19) Chrysene	21.26	228	127699m	0.947	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	248205m	2.135	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	69906m	0.573	ng/ul	
23) Benzo(a)pyrene	23.32	252	53429	0.547	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.58	276	83580	0.687	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	17703	0.176	ng/ul	94
26) Benzo(g,h,i)perylene	26.24	276	48209	0.467	ng/ul#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025346.D
Acq On : 07 Mar 2020 12:52
Operator : CG/JU
Sample : L1616-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 07 21:32:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 20:27:15 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBDQ5

Manual Integrations APPROVED
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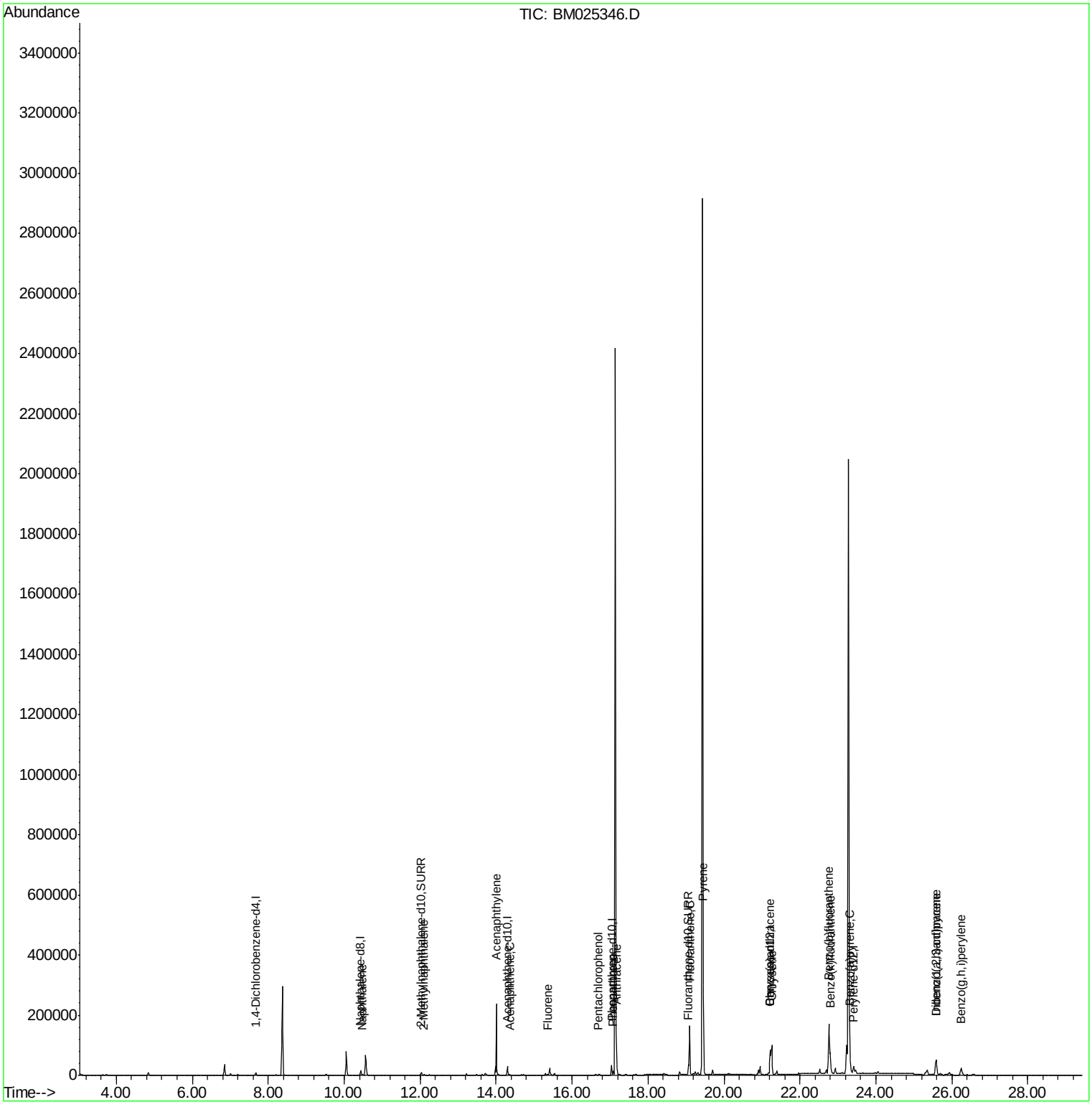
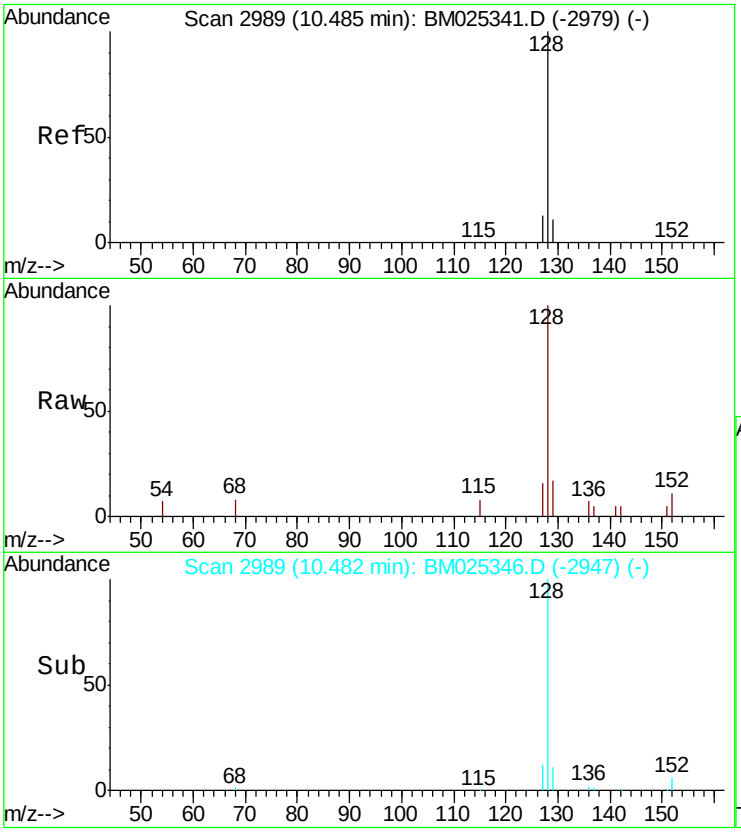
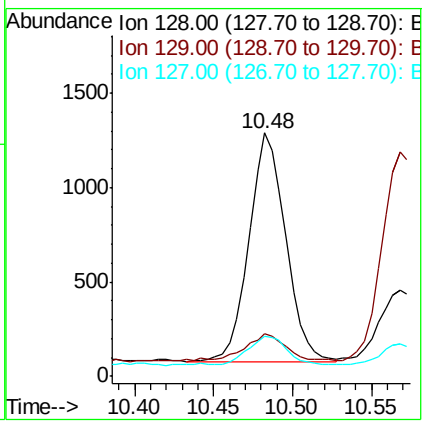




#3
Naphthalene
Concen: 0.031 ng/ul
RT: 10.48 min Scan# 2989
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:128 Resp: 1948

Ion	Ratio	Lower	Upper
128	100		
129	17.4	17.0	25.6
127	16.3	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
DBDQ5

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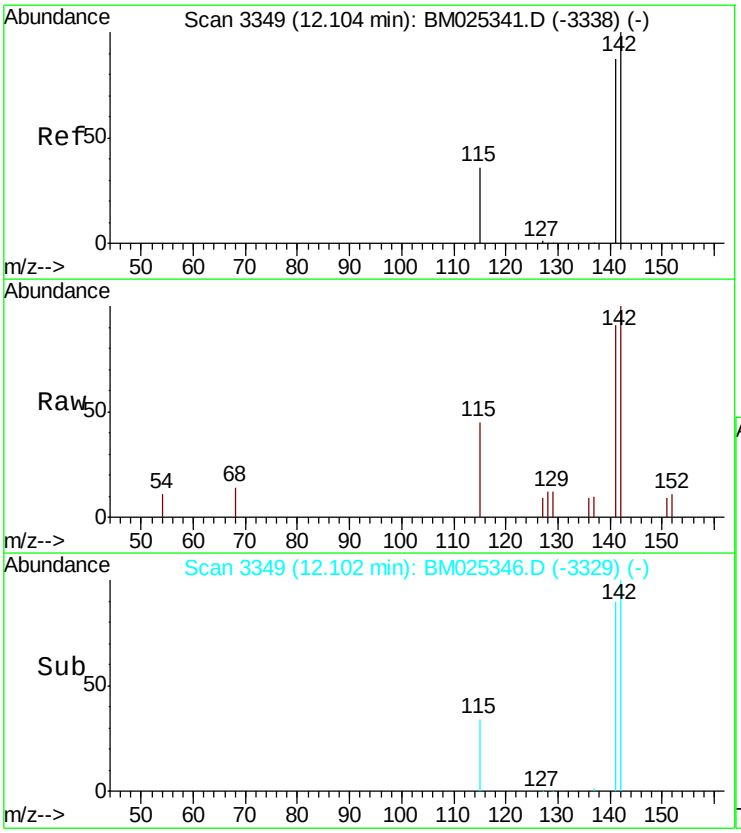
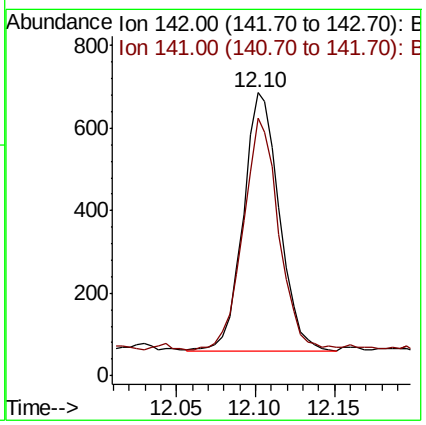
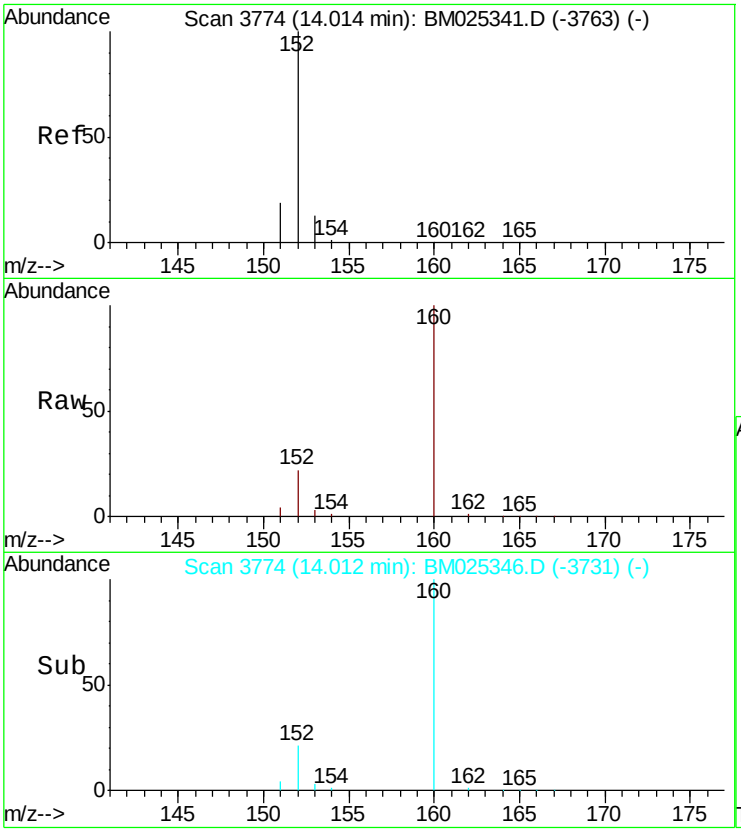


#5
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.10 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:142 Resp: 996

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.8	104.8





#7
Acenaphthylene
Concen: 0.151 ng/ul
RT: 14.01 min Scan# 3774
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:152 Resp: 11028

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.8	26.8
153	14.4	13.3	19.9

Instrument :
BNA_M
ClientSampleId :
DBDQ5

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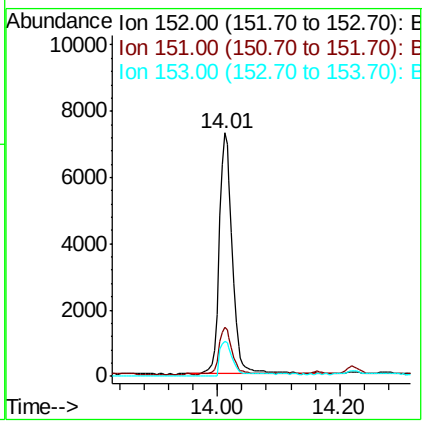
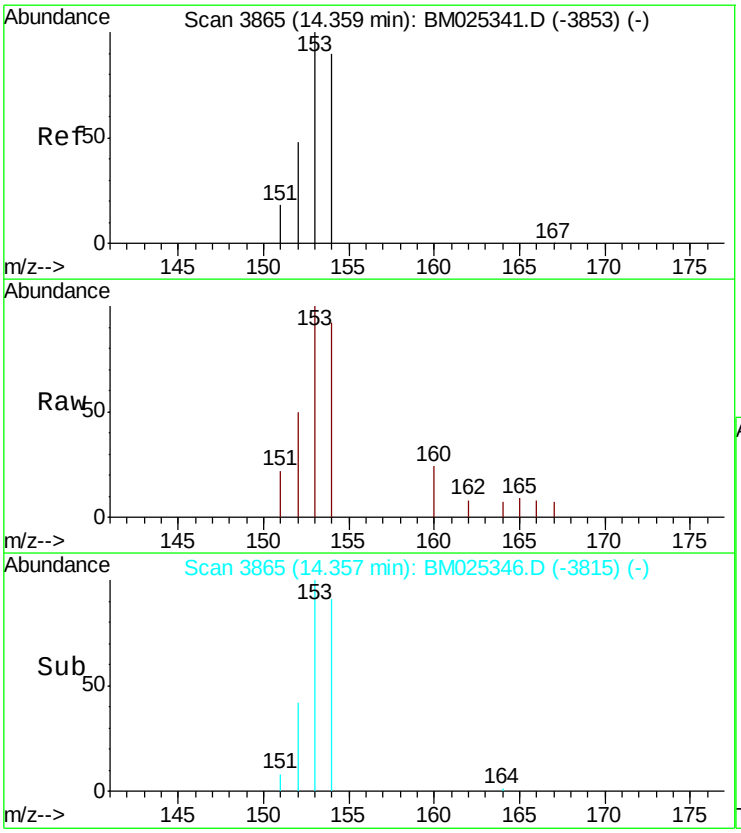
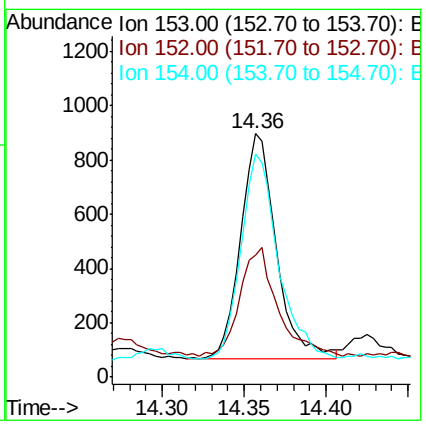


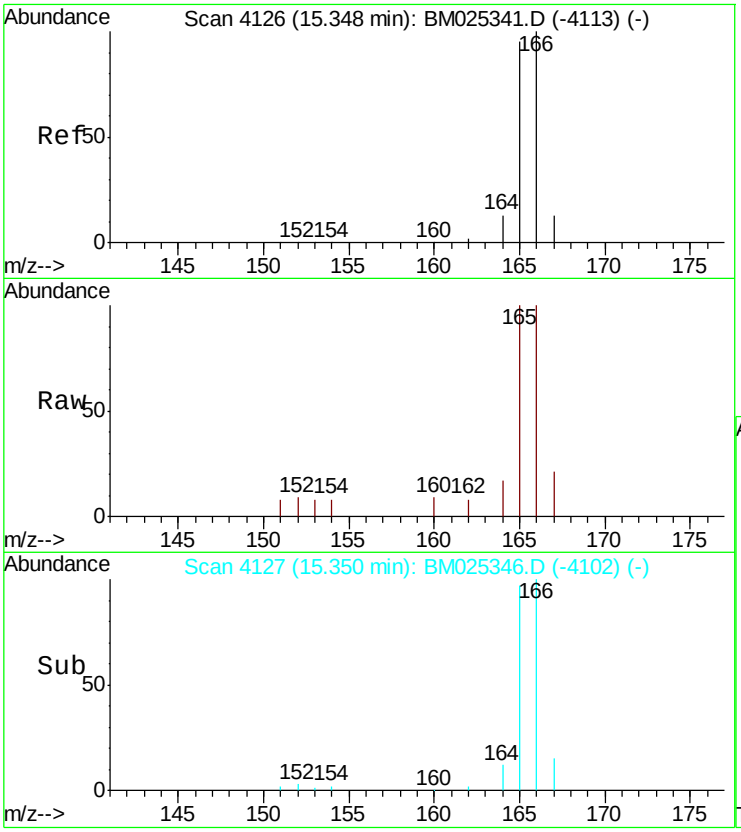


#8
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.36 min Scan# 3865
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:153 Resp: 1264

Ion	Ratio	Lower	Upper
153	100		
152	50.3	40.0	60.0
154	91.9	71.0	106.6





#9
Fluorene
Concen: 0.023 ng/ul
RT: 15.35 min Scan# 4127
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:166 Resp: 1667

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.0	120.0
167	21.0	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
DBDQ5

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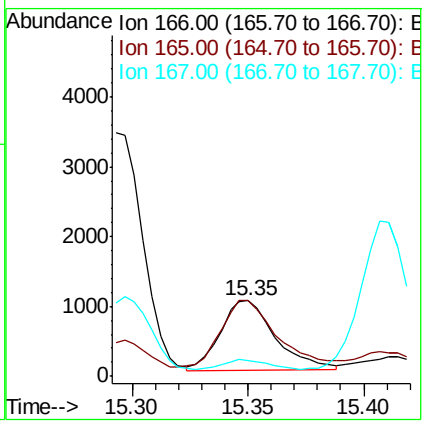
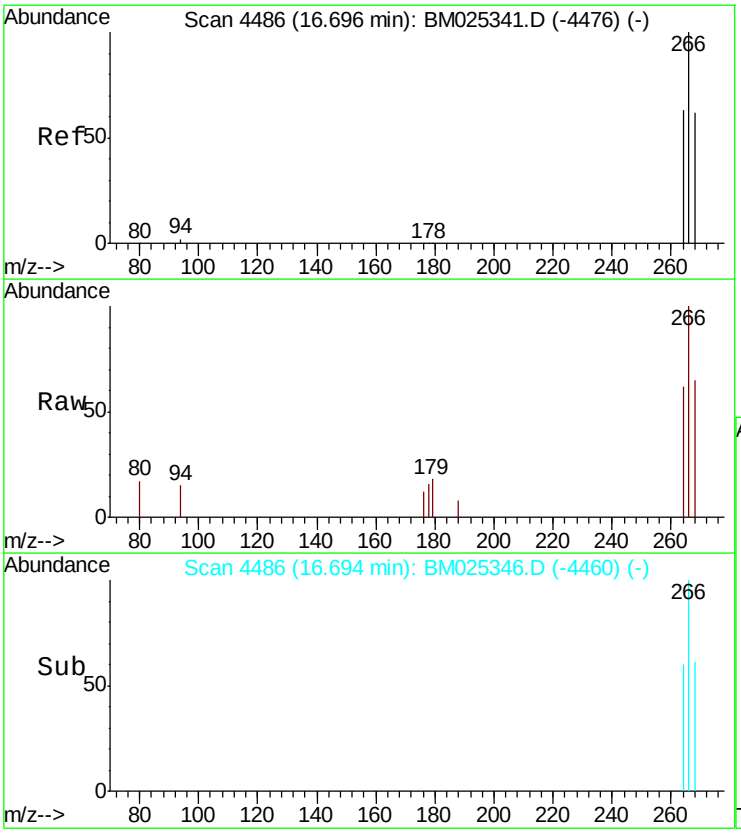
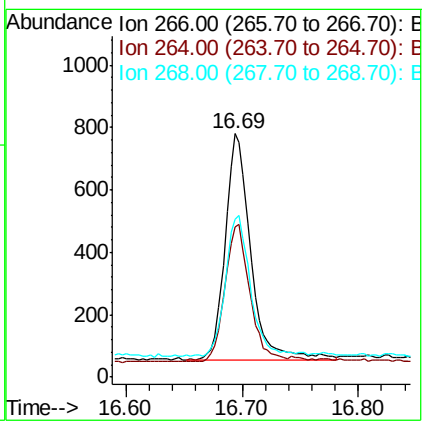


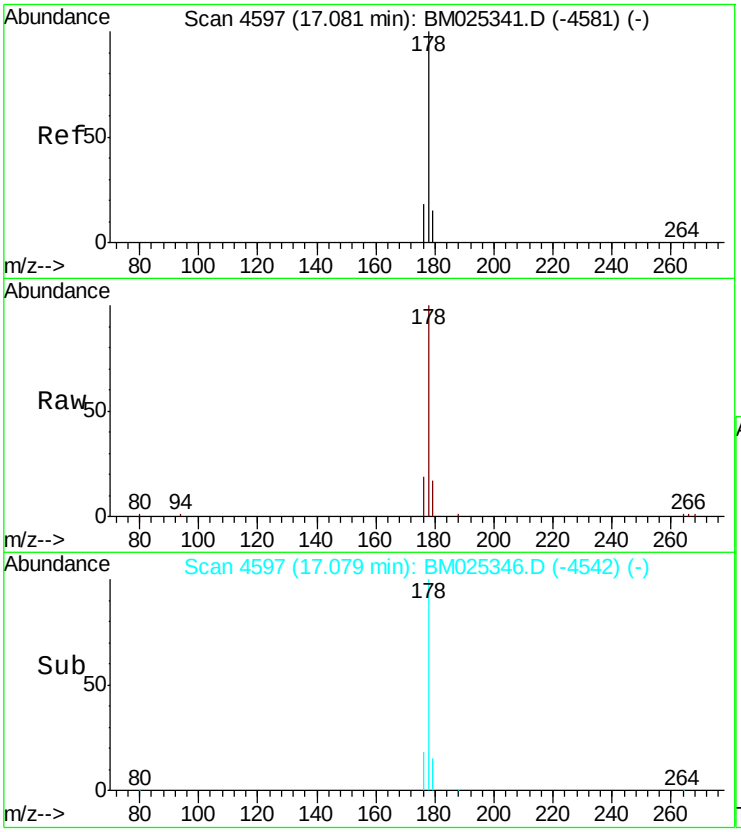


#11
Pentachlorophenol
Concen: 0.116 ng/ul
RT: 16.69 min Scan# 4486
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:266 Resp: 1099

Ion	Ratio	Lower	Upper
266	100		
264	59.6	49.8	74.6
268	62.6	49.0	73.4

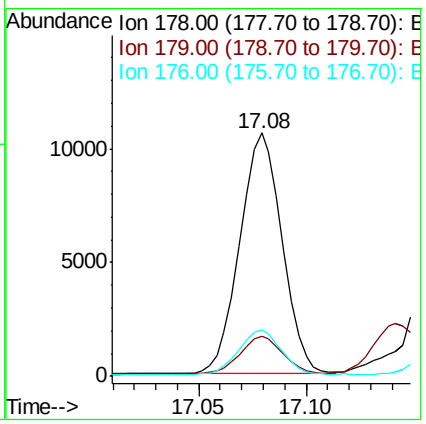




#12
Phenanthrene
Concen: 0.124 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:178 Resp: 14379

Ion	Ratio	Lower	Upper
178	100		
179	16.5	14.0	21.0
176	18.9	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
DBDQ5

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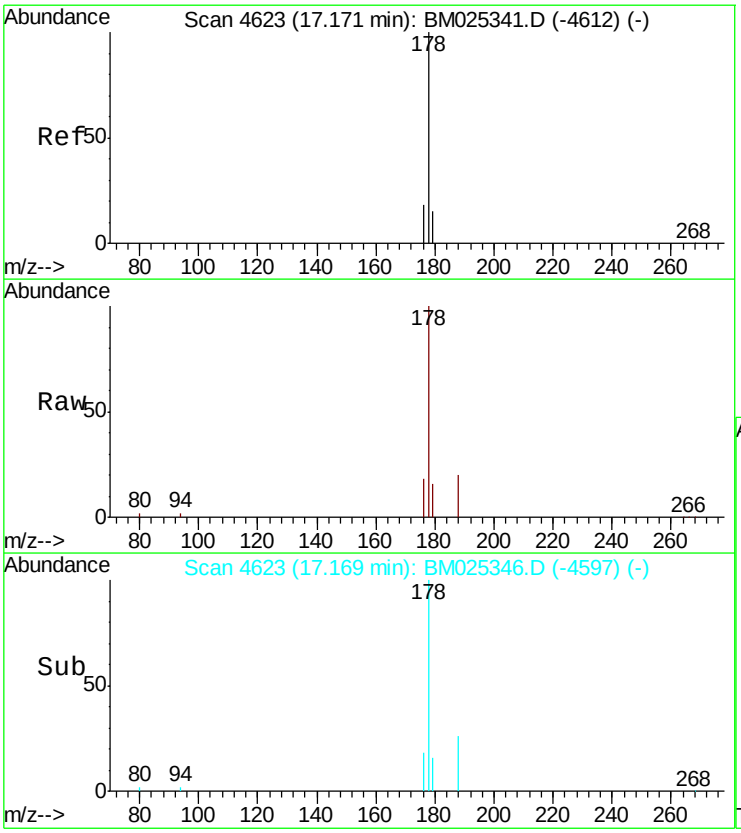
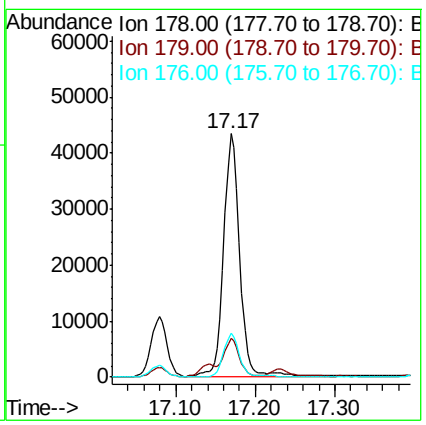
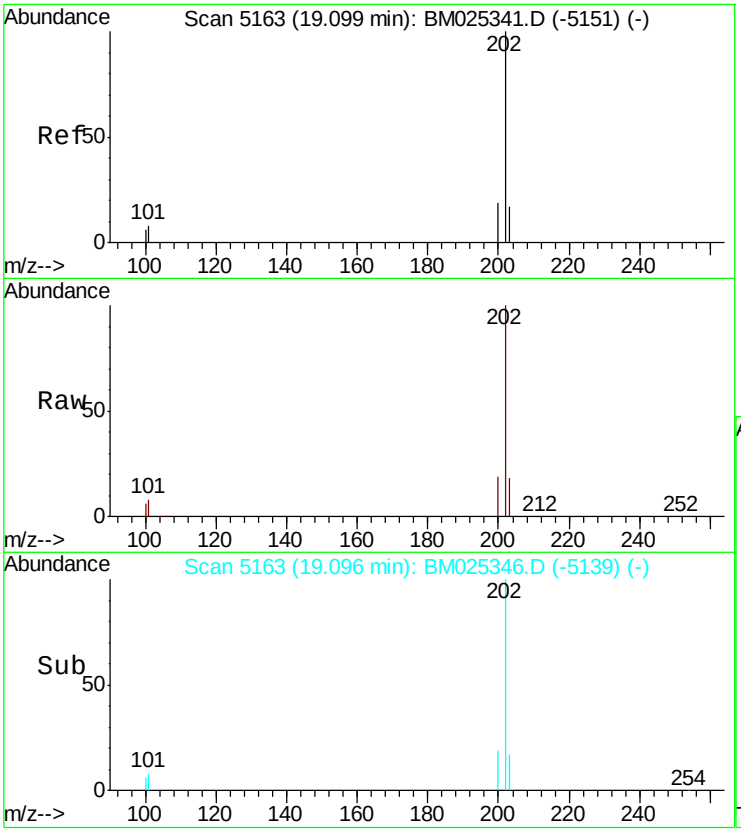


#13
Anthracene
Concen: 0.584 ng/ul
RT: 17.17 min Scan# 4623
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:178 Resp: 60264

Ion	Ratio	Lower	Upper
178	100		
179	15.8	14.1	21.1
176	18.0	16.2	24.4

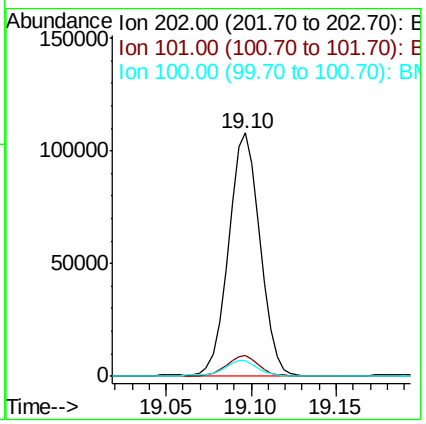




#15
Fluoranthene
Concen: 0.953 ng/ul
RT: 19.10 min Scan# 5163
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:202 Resp: 138574

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	29.4
100	6.2	0.0	28.0



Instrument :
BNA_M
ClientSampleId :
DBDQ5

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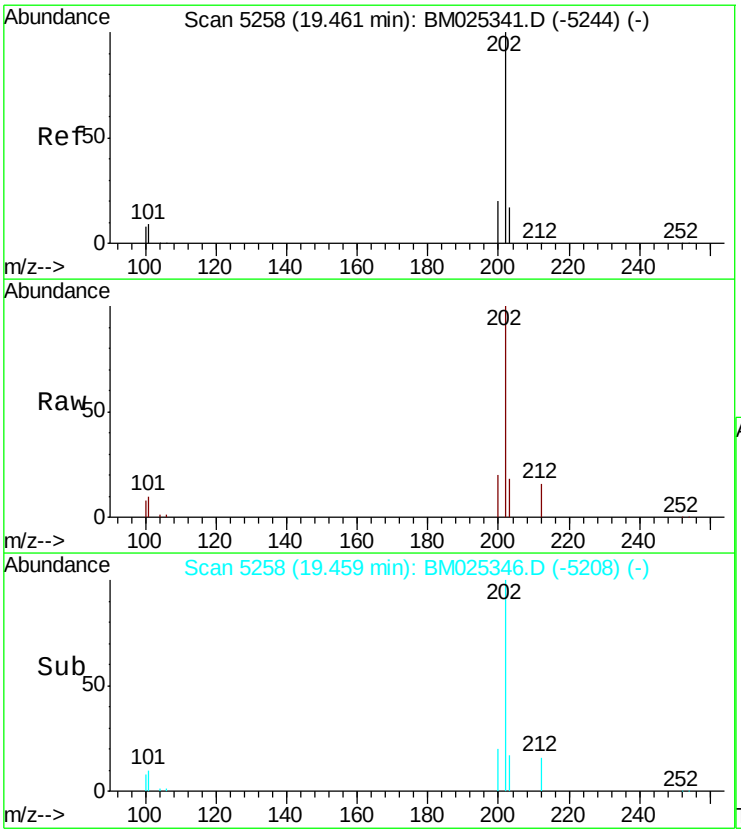
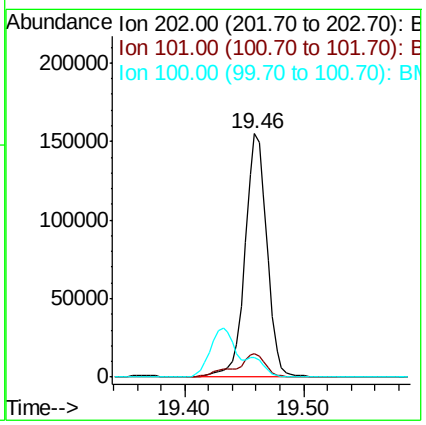
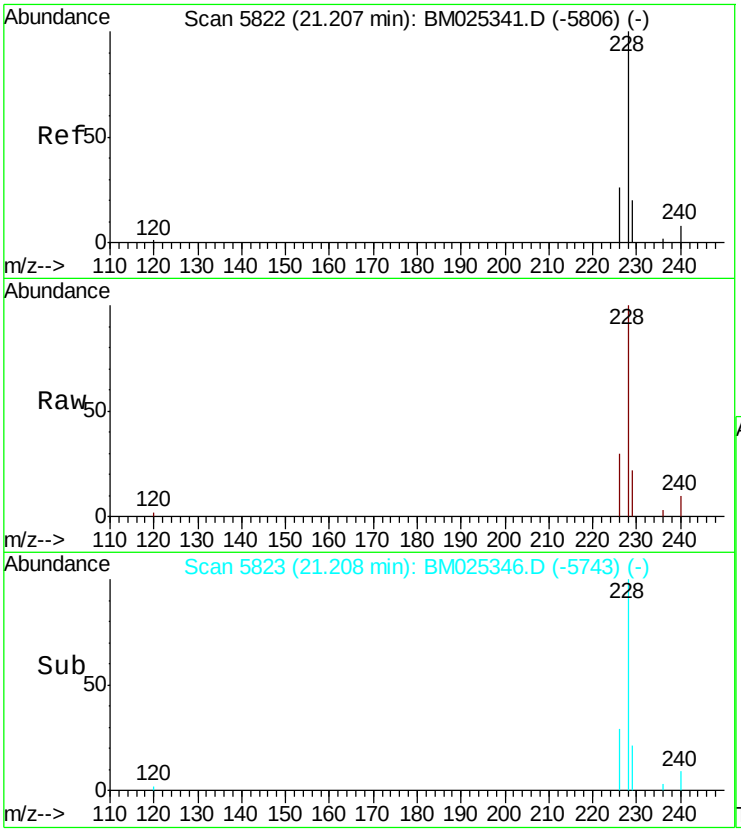


#17
Pyrene
Concen: 1.575 ng/ul
RT: 19.46 min Scan# 5258
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:202 Resp: 199432

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.7	13.1
100	8.2	7.3	10.9

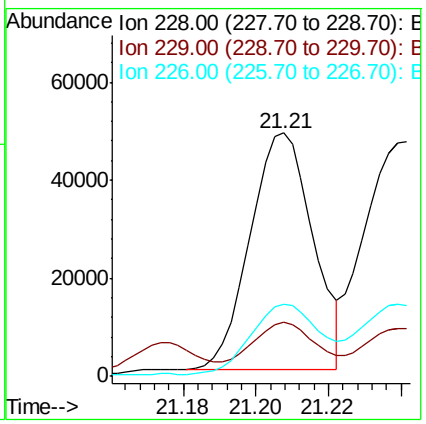




#18
Benzo(a)anthracene
Concen: 0.475 ng/ul
RT: 21.21 min Scan# 5823
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:228 Resp: 58320

Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.6	25.0
226	29.6	21.9	32.9



Instrument :
BNA_M
ClientSampleId :
DBDQ5

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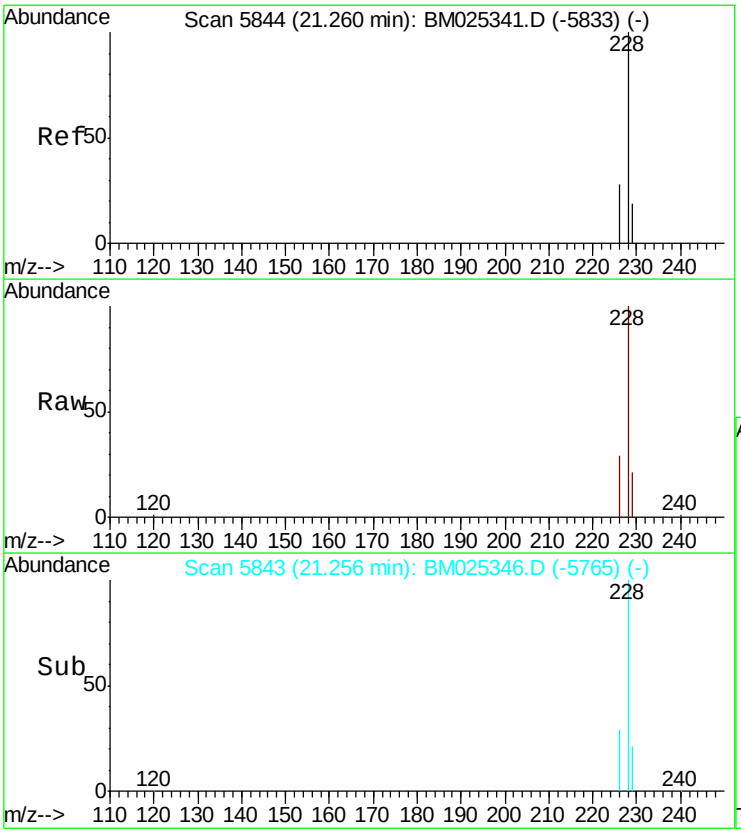
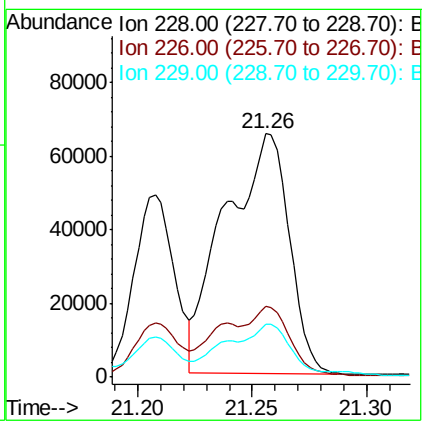
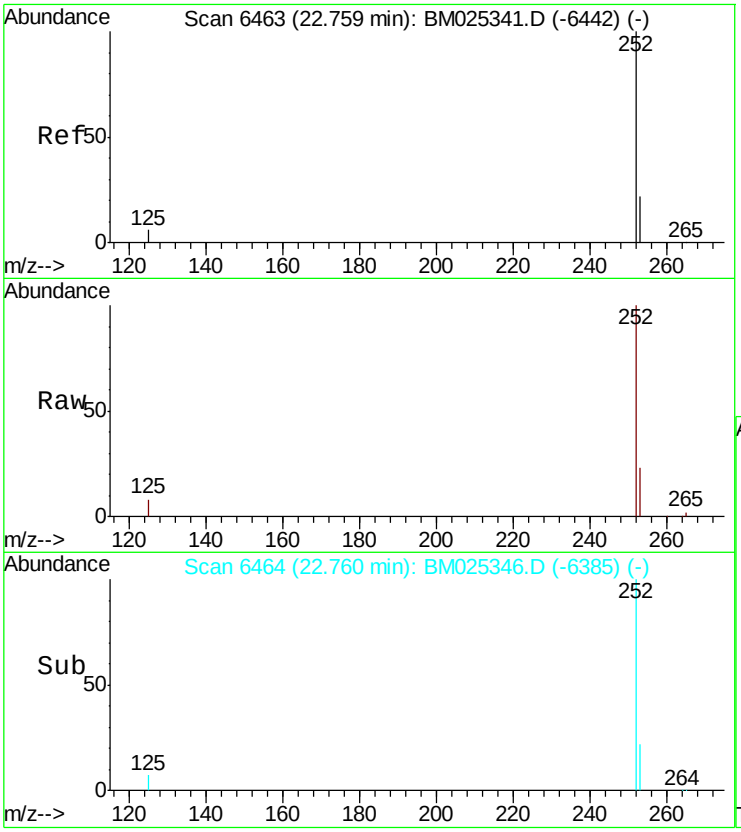


#19
Chrysene
Concen: 0.947 ng/ul m
RT: 21.26 min Scan# 5843
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:228 Resp: 127699

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.8	35.8
229	21.5	16.9	25.3

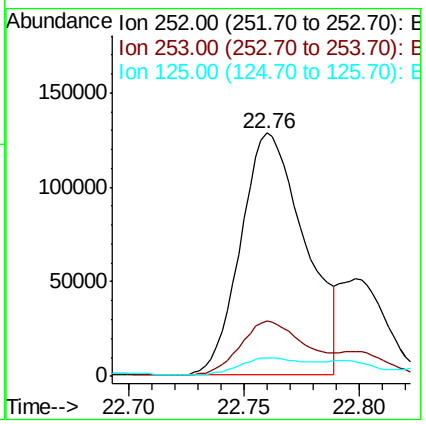




#21
Benzo(b)fluoranthene
Concen: 2.135 ng/ul m
RT: 22.76 min Scan# 6464
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:252 Resp: 248205

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	49.8
125	7.6	0.0	28.6



Instrument :
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ClientSampleId :
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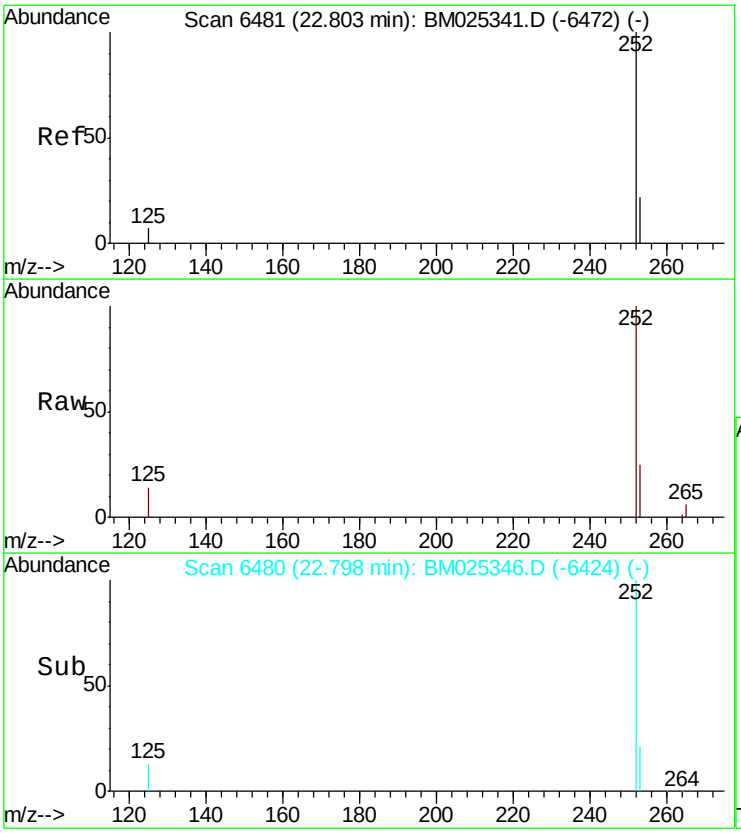
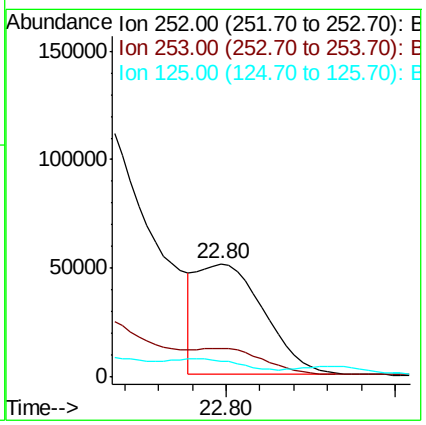
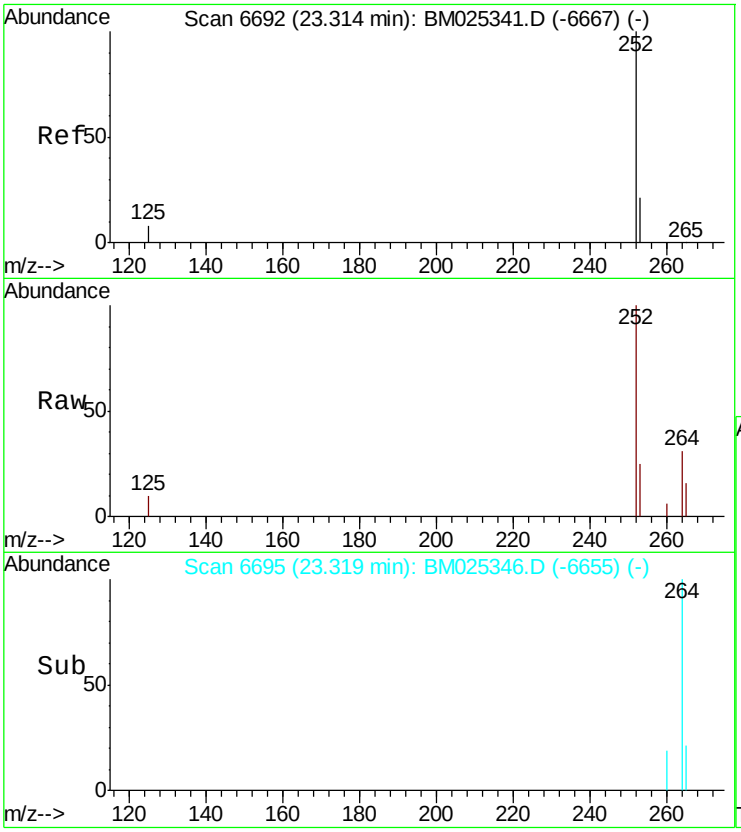


#22
Benzo(k)fluoranthene
Concen: 0.573 ng/ul m
RT: 22.80 min Scan# 6480
Delta R.T. -0.01 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:252 Resp: 69906

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.4	29.0
125	14.4	10.7	16.1





#23
Benzo(a)pyrene
Concen: 0.547 ng/ul
RT: 23.32 min Scan# 6695
Delta R.T. -0.00 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:252 Resp: 53429

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.3	30.5
125	10.3	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
DBDQ5

Manual Integrations APPROVED
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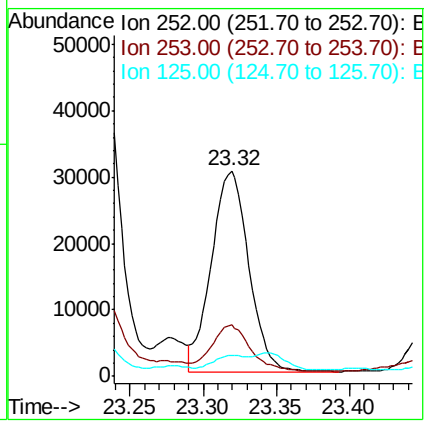
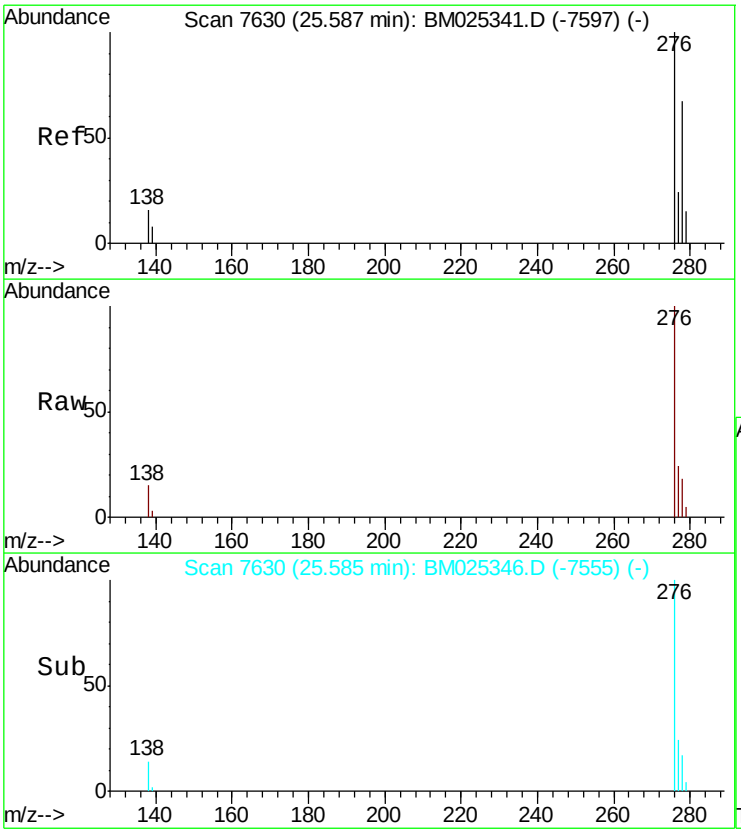
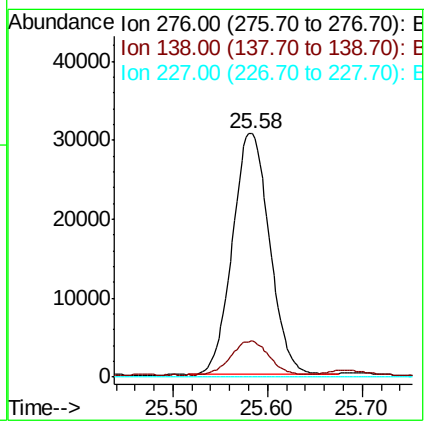


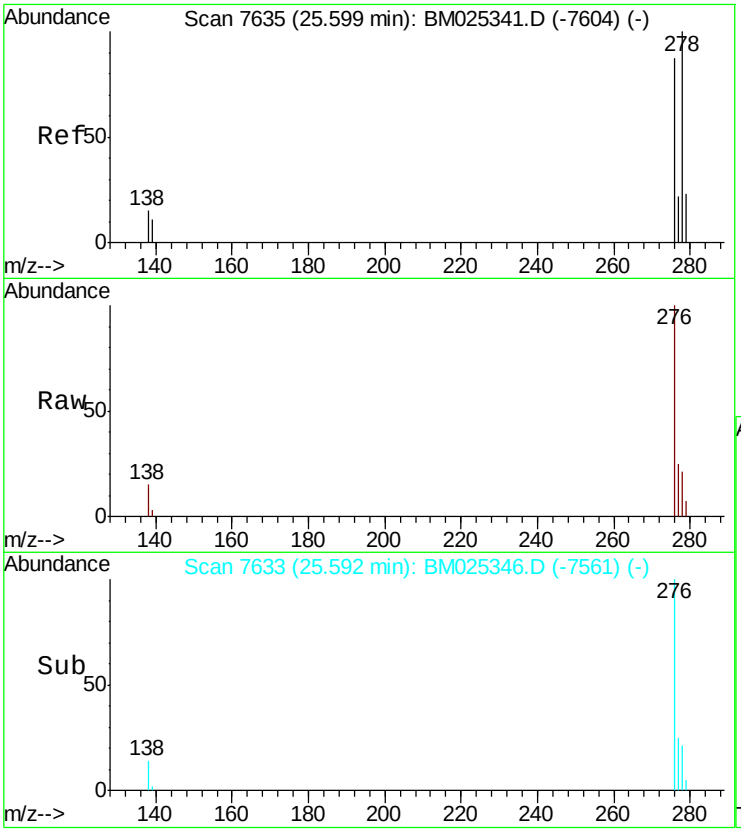


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.687 ng/ul
RT: 25.58 min Scan# 7630
Delta R.T. -0.02 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:276 Resp: 83580

Ion	Ratio	Lower	Upper
276	100		
138	14.6	0.0	0.0#
227	0.0	0.0	0.0

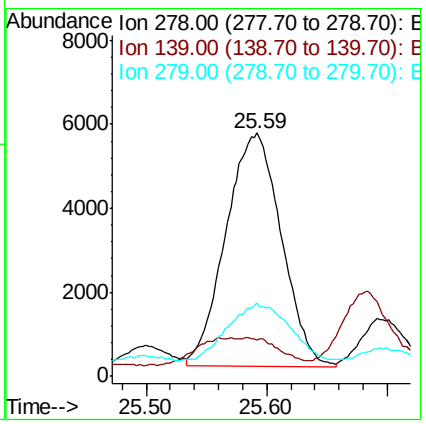




#25
Dibenzo(a,h)anthracene
Concen: 0.176 ng/ul
RT: 25.59 min Scan# 7633
Delta R.T. -0.03 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

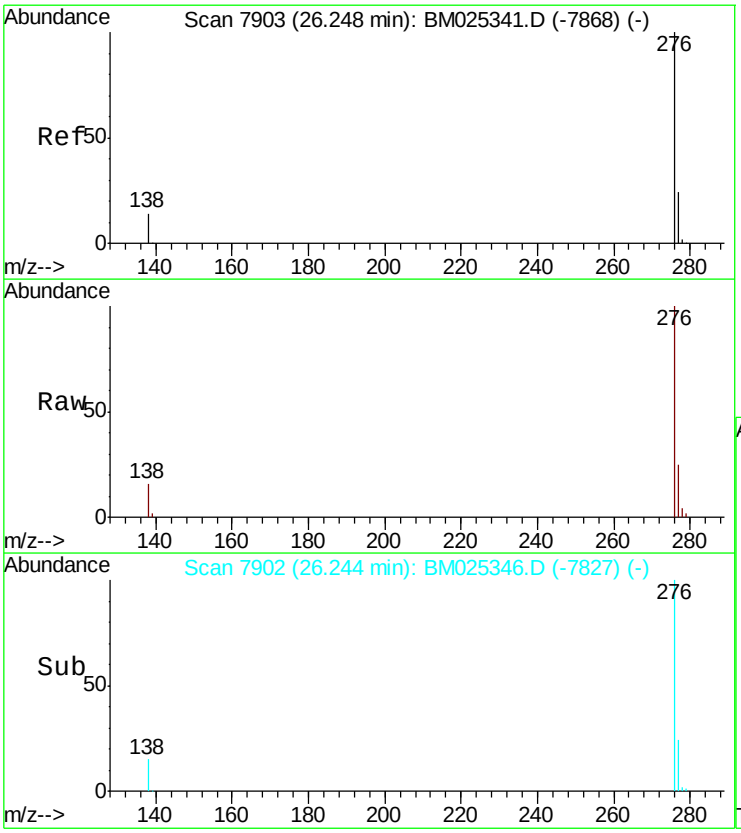
Tgt Ion:278 Resp: 17703

Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.2	19.8
279	30.3	21.0	31.4



Instrument :
BNA_M
ClientSampleId :
DBDQ5

Manual Integrations APPROVED
mohammad
3/9/2020 3:01:27 PM



#26
Benzo(g,h,i)perylene
Concen: 0.467 ng/ul
RT: 26.24 min Scan# 7902
Delta R.T. -0.02 min
Lab File: BM025346.D
Acq: 07 Mar 2020 12:52

Tgt Ion:276 Resp: 48209

Ion	Ratio	Lower	Upper
276	100		
138	16.1	17.9	26.9#
277	24.6	20.5	30.7