Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
Data File : BM022149.D
Acq On : 15 Aug 2019 18:33
Operator : HP/JU
Sample : K4242-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF5

Manual Integrations APPROVED
mohammad
8/19/2019 10:45:38 AM

Quant Time: Aug 16 14:28:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	699	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3028	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.25	164	1789	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4358m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	5318m	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4214m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1562	0.31	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	4820m	0.33	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.42	128	440	0.051	ng/ul#	68
5) 2-Methylnaphthalene	12.06	142	409	0.072	ng/ul	96
7) Acenaphthylene	13.97	152	4689	0.562	ng/ul#	82
8) Acenaphthene	14.31	153	575	0.084	ng/ul	95
9) Fluorene	15.31	166	1577	0.208	ng/ul	98
12) Phenanthrene	17.05	178	31204m	2.461	ng/ul	
13) Anthracene	17.14	178	8505m	0.786	ng/ul	
15) Fluoranthene	19.08	202	73183m	4.308	ng/ul	
17) Pyrene	19.44	202	64361	2.945	ng/ul	98
18) Benzo(a)anthracene	21.20	228	40652	2.137	ng/ul	99
19) Chrysene	21.25	228	39990	1.635	ng/ul	97
21) Benzo(b)fluoranthene	22.76	252	51442m	3.620	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	22151m	1.377	ng/ul	
23) Benzo(a)pyrene	23.32	252	35590	2.463	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.62	276	24101	1.397	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.62	278	6412	0.460	ng/ul#	88
26) Benzo(g,h,i)perylene	26.30	276	18713	1.205	ng/ul	99

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

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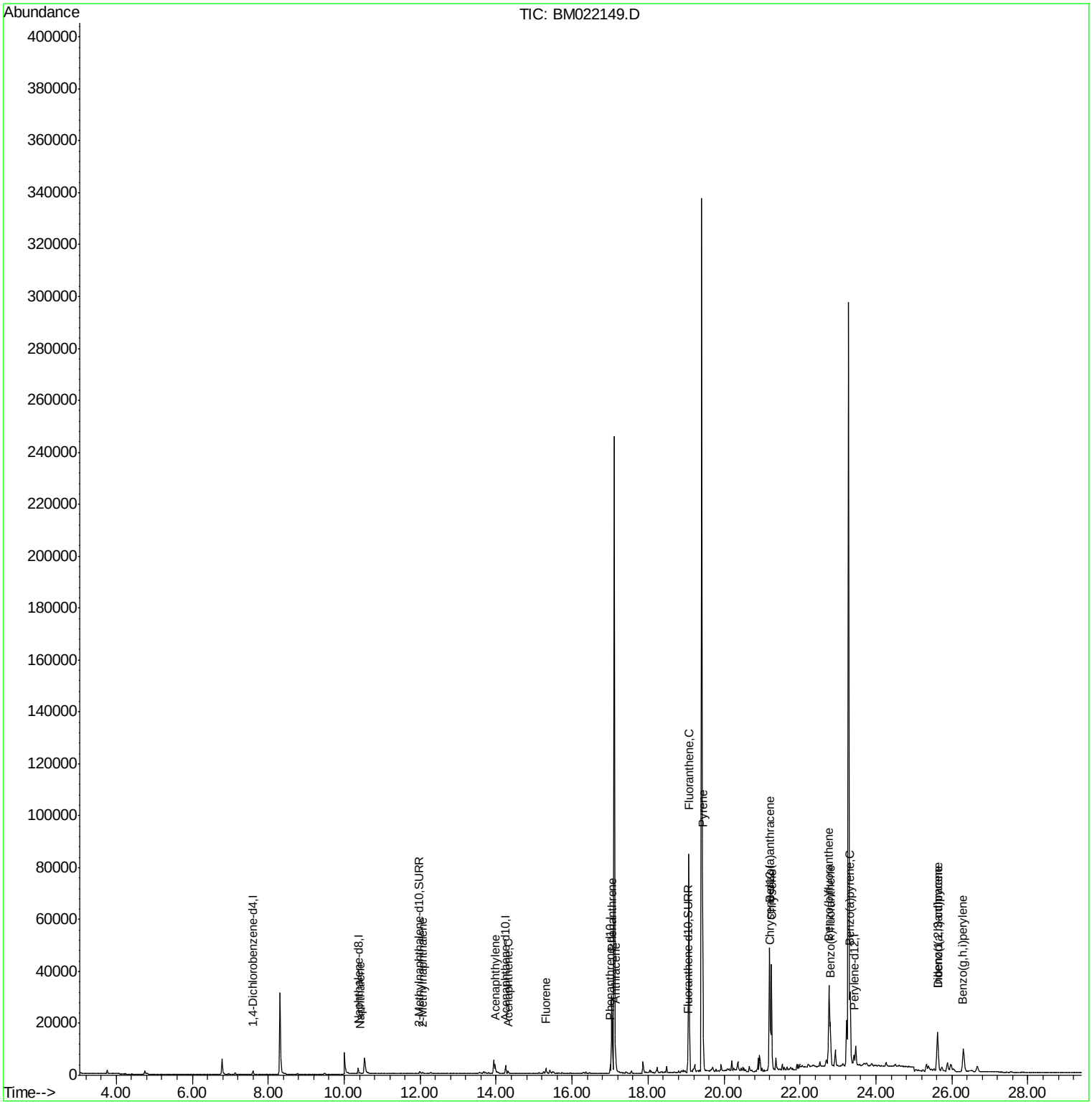

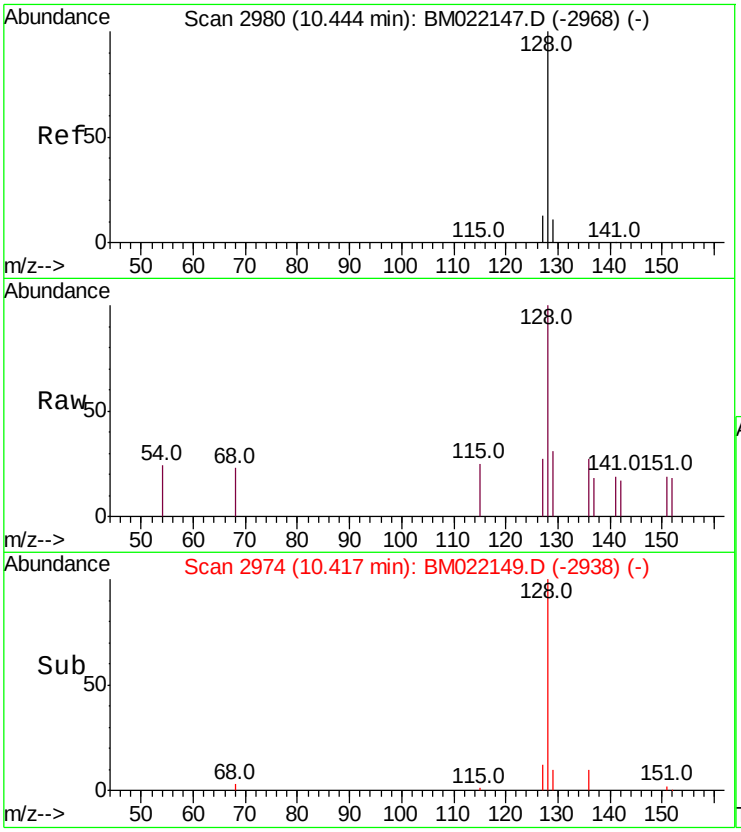

#3
Naphthalene
Concen: 0.051 ng/ul
RT: 10.42 min Scan# 2974
Delta R.T. -0.04 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:128 Resp: 440

Ion	Ratio	Lower	Upper
128	100		
129	31.1	12.3	18.5#
127	27.4	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
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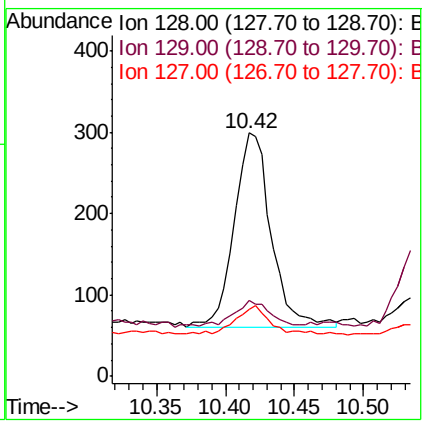
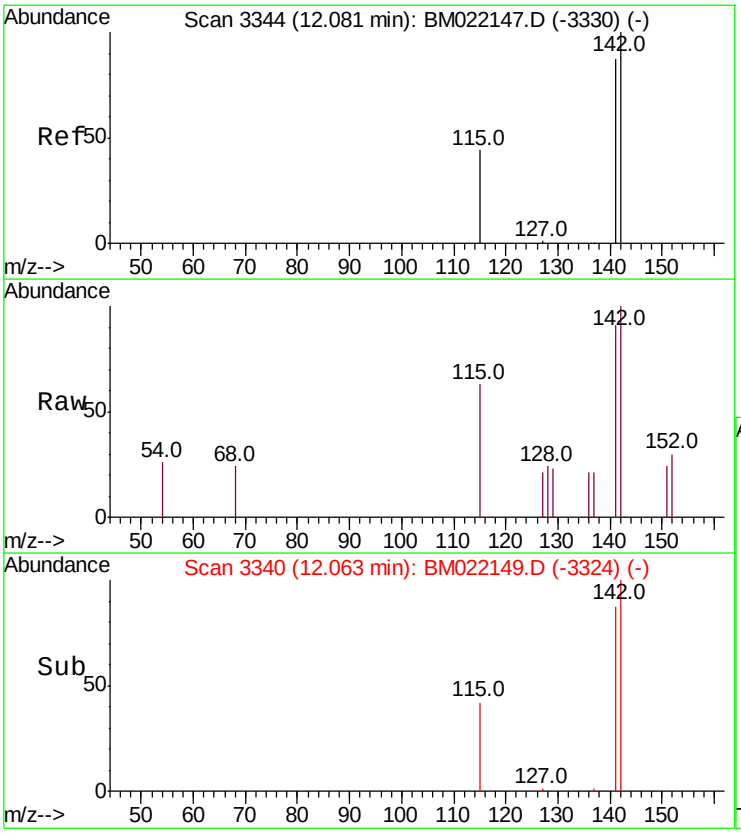
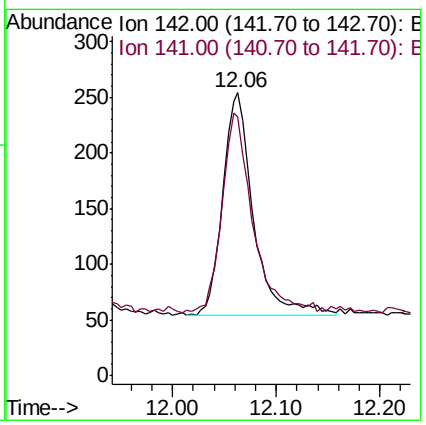


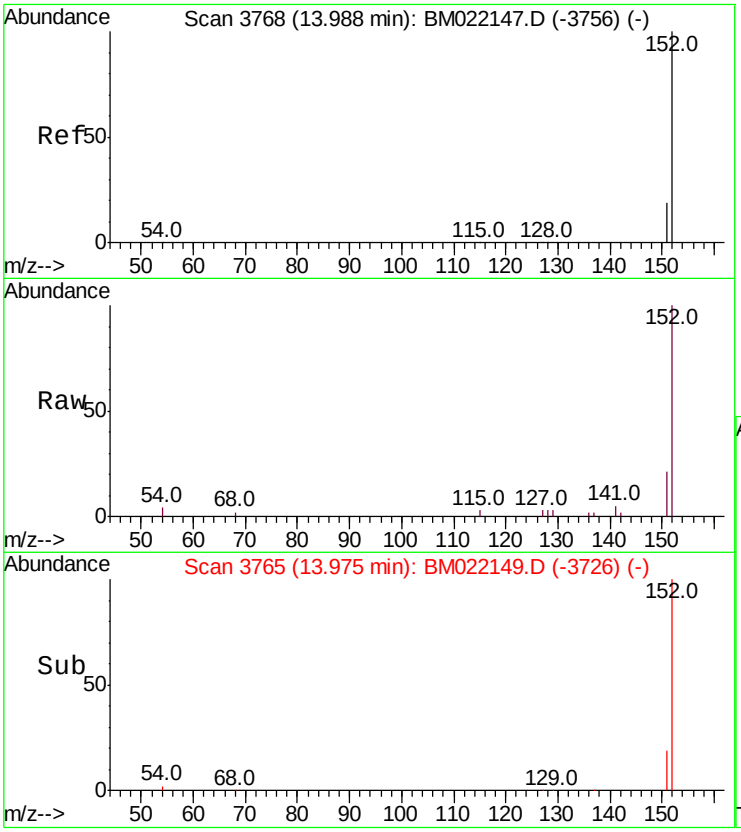


#5
2-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.06 min Scan# 3340
Delta R.T. -0.03 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:142 Resp: 409

Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.3	111.5





#7
Acenaphthylene
Concen: 0.562 ng/ul
RT: 13.97 min Scan# 3765
Delta R.T. -0.02 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:152 Resp: 4689

Ion	Ratio	Lower	Upper
152	100		
151	20.6	18.3	27.5
153	0.0	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
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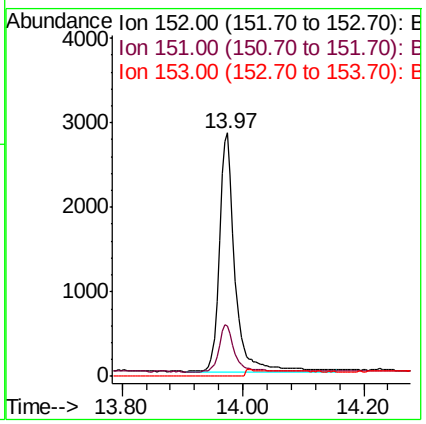
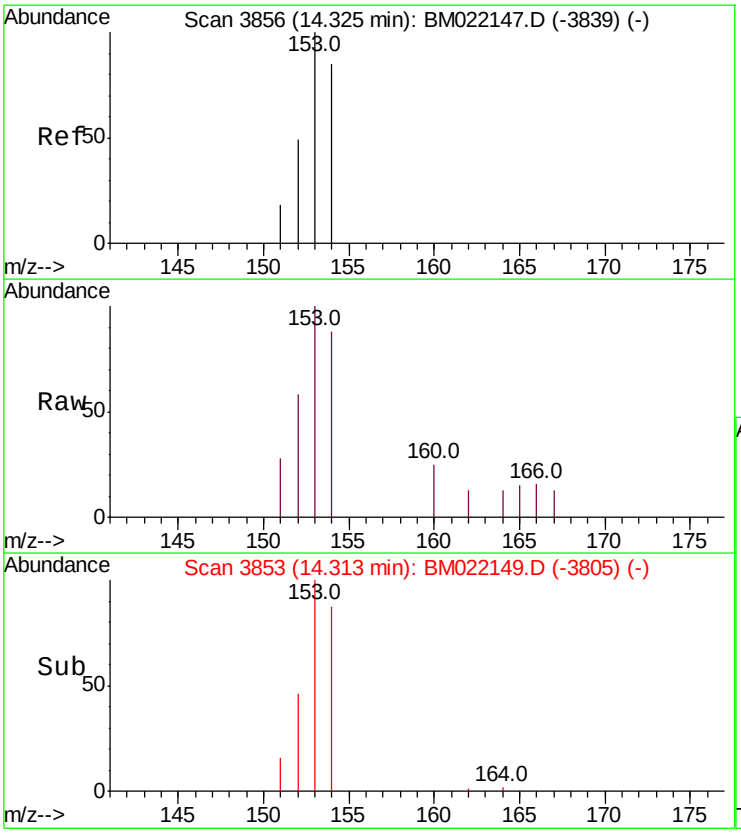
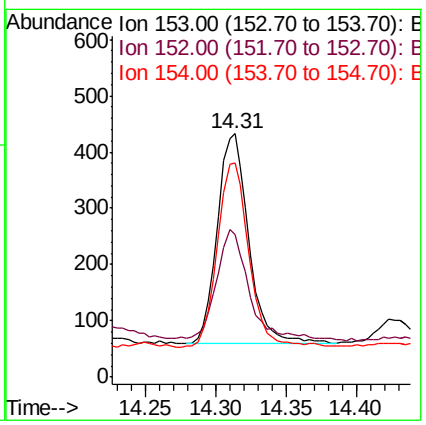


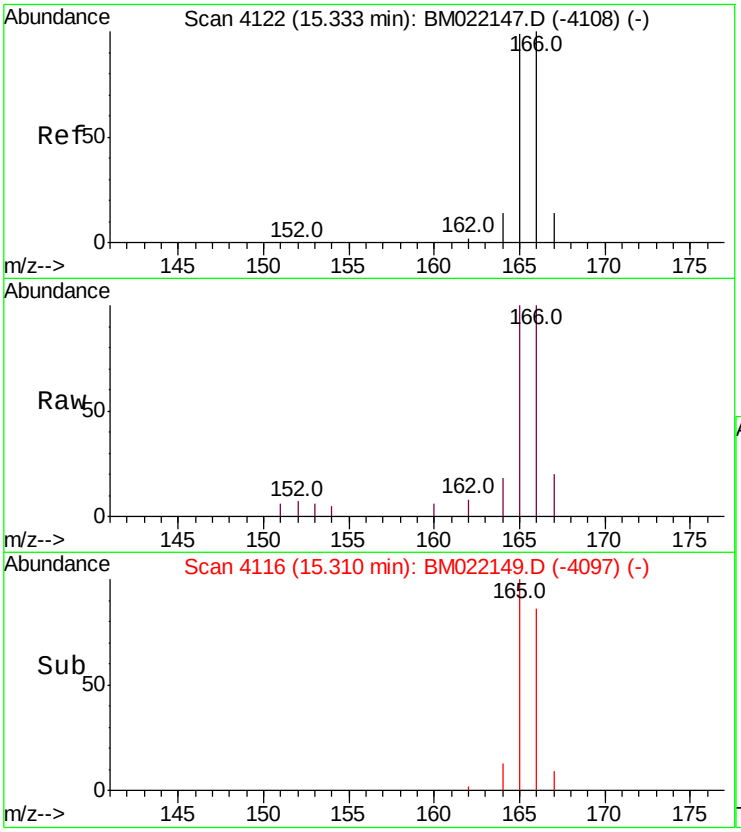


#8
Acenaphthene
Concen: 0.084 ng/ul
RT: 14.31 min Scan# 3853
Delta R.T. -0.02 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:153 Resp: 575

Ion	Ratio	Lower	Upper
153	100		
152	58.4	41.3	61.9
154	88.0	72.3	108.5

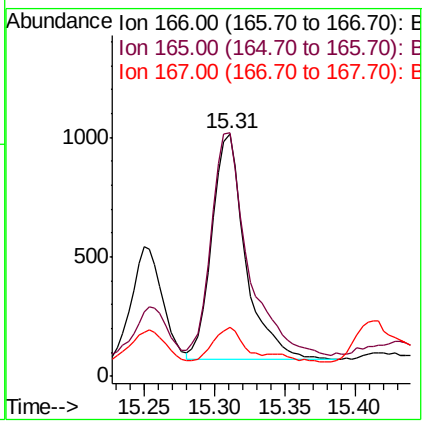




#9
Fluorene
Concen: 0.208 ng/ul
RT: 15.31 min Scan# 4116
Delta R.T. -0.03 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:166 Resp: 1577

Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.4	122.0
167	20.2	13.7	20.5



Instrument :
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ClientSampleId :
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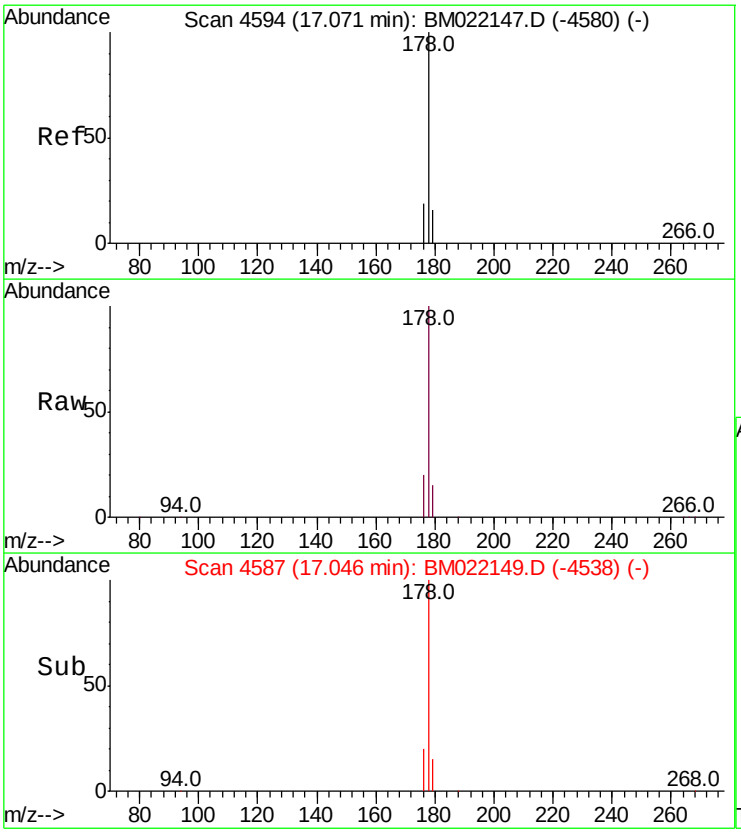
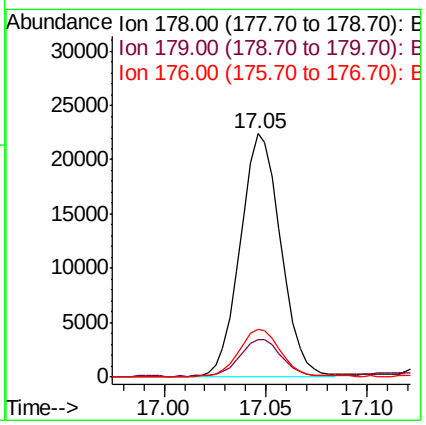
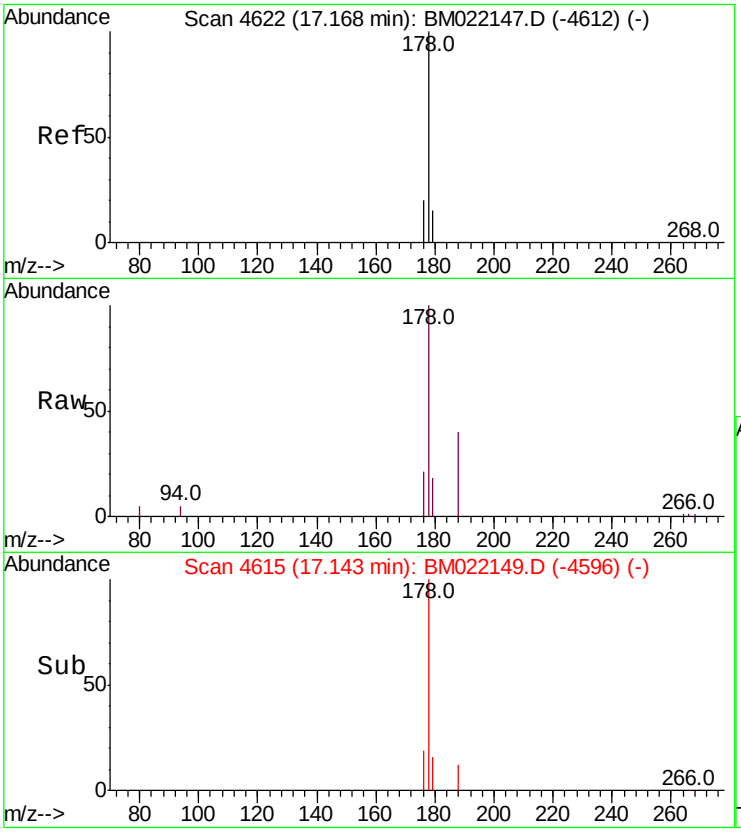


#12
Phenanthrene
Concen: 2.461 ng/ul m
RT: 17.05 min Scan# 4587
Delta R.T. -0.03 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:178 Resp: 31204

Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.2	21.2
176	19.8	16.8	25.2

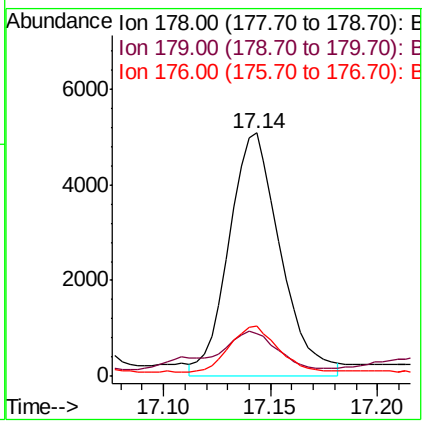




#13
Anthracene
Concen: 0.786 ng/ul m
RT: 17.14 min Scan# 4615
Delta R.T. -0.03 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:178 Resp: 8505

Ion	Ratio	Lower	Upper
178	100		
179	17.8	15.5	23.3
176	20.5	16.6	25.0



Instrument :
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ClientSampleId :
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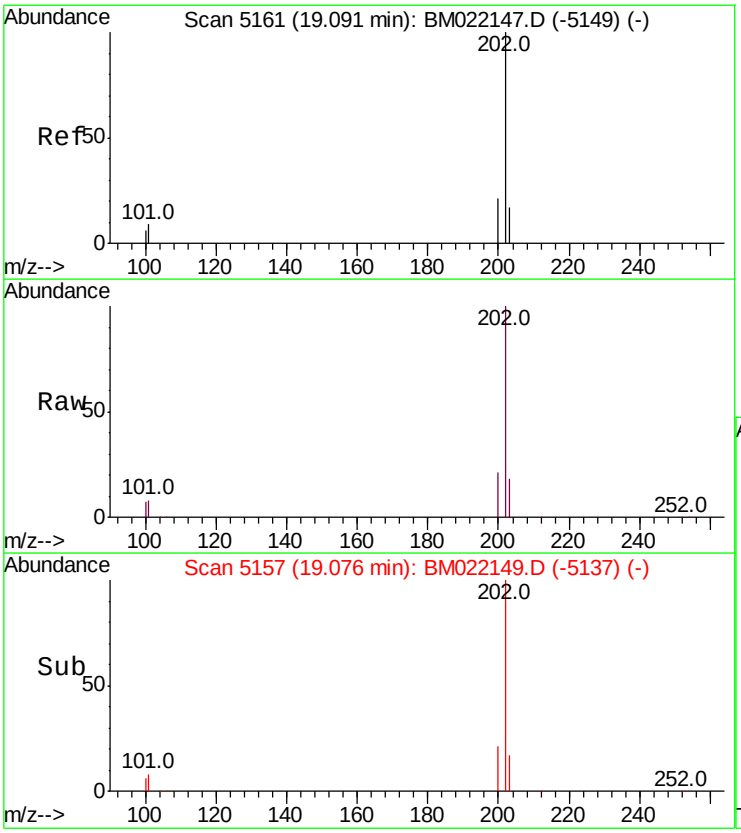
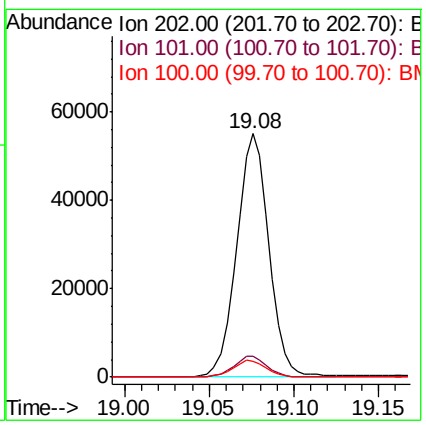
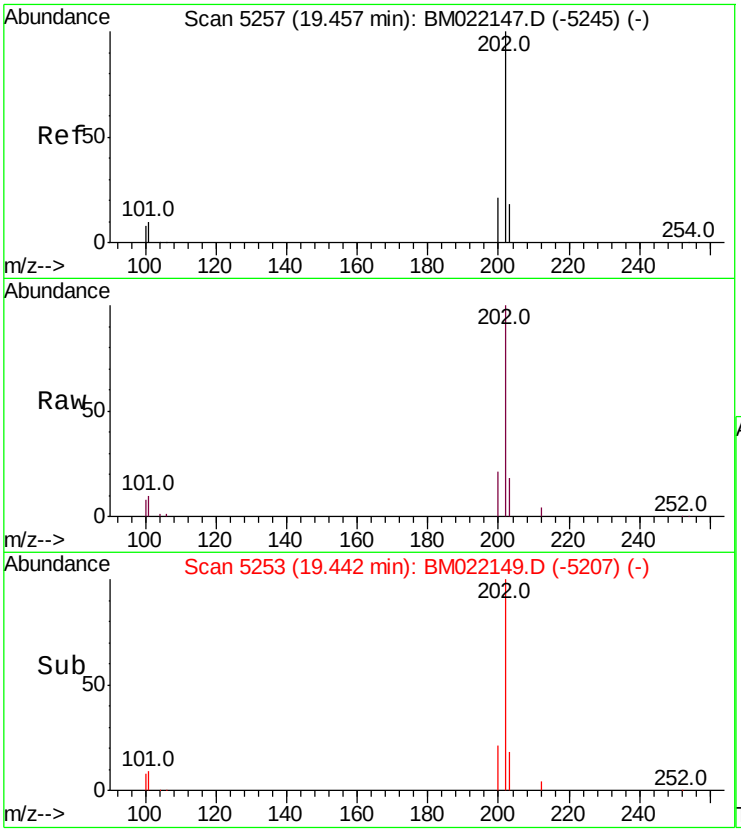


#15
Fluoranthene
Concen: 4.308 ng/ul m
RT: 19.08 min Scan# 5157
Delta R.T. -0.02 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:202 Resp: 73183

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.2
100	6.6	0.0	28.1

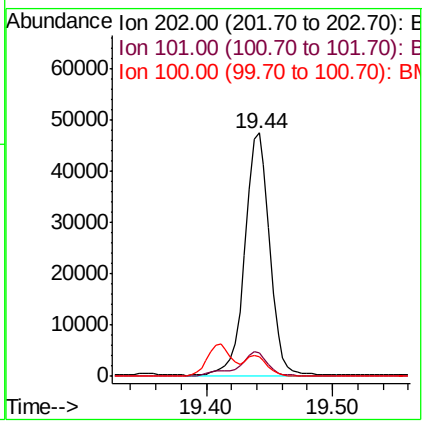




#17
Pyrene
Concen: 2.945 ng/ul
RT: 19.44 min Scan# 5253
Delta R.T. -0.02 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:202 Resp: 64361

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.3	12.5
100	8.1	7.2	10.8



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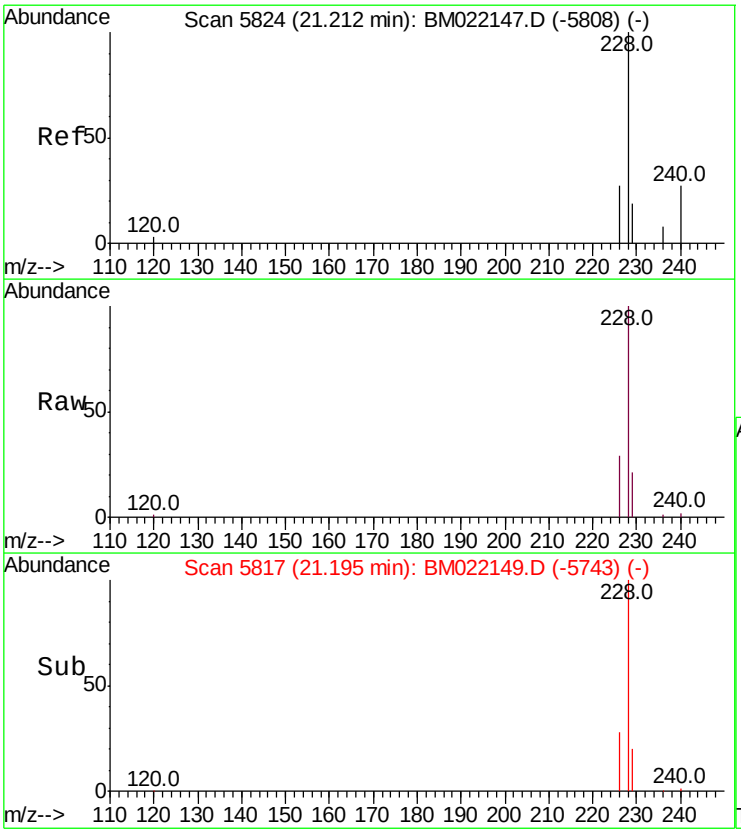
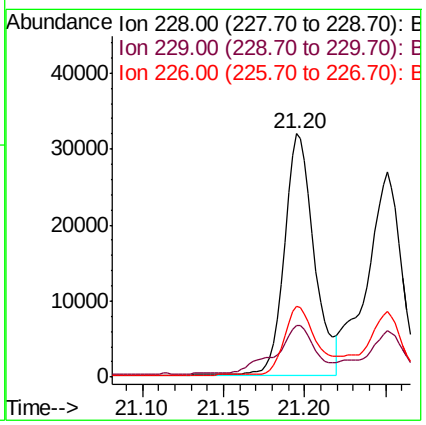
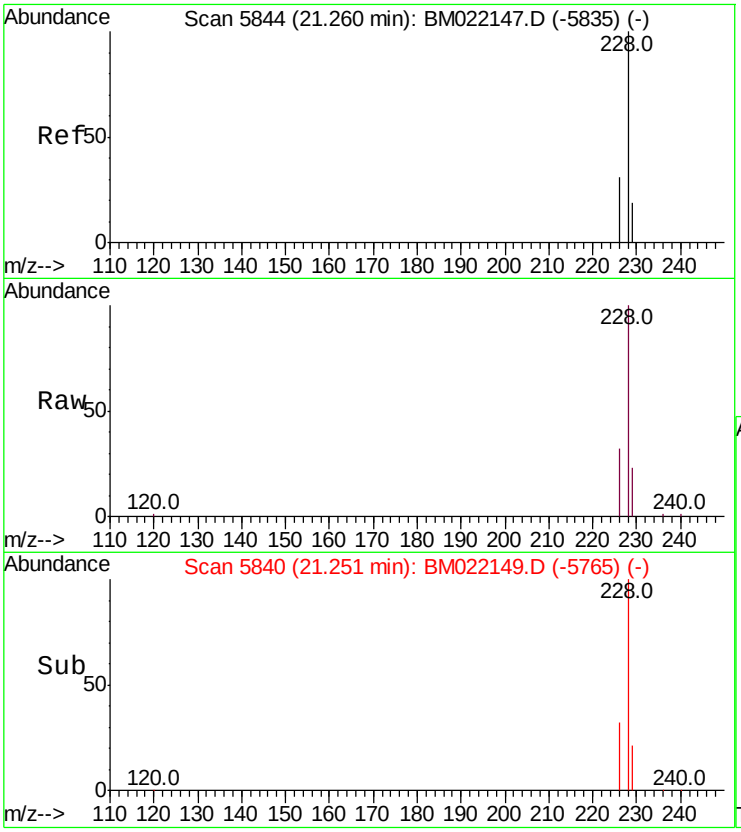


#18
Benzo(a)anthracene
Concen: 2.137 ng/ul
RT: 21.20 min Scan# 5817
Delta R.T. -0.02 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:228 Resp: 40652

Ion	Ratio	Lower	Upper
228	100		
229	21.4	17.2	25.8
226	28.9	22.6	34.0

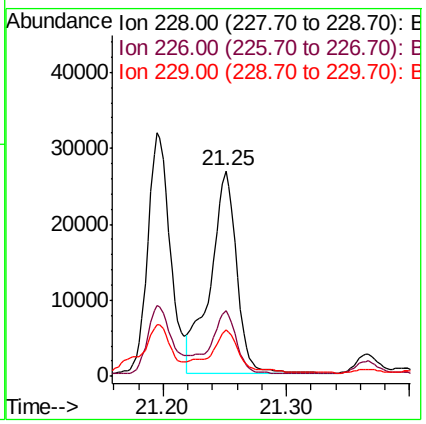




#19
Chrysene
Concen: 1.635 ng/ul
RT: 21.25 min Scan# 5840
Delta R.T. -0.02 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:228 Resp: 39990

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	22.6	16.6	25.0



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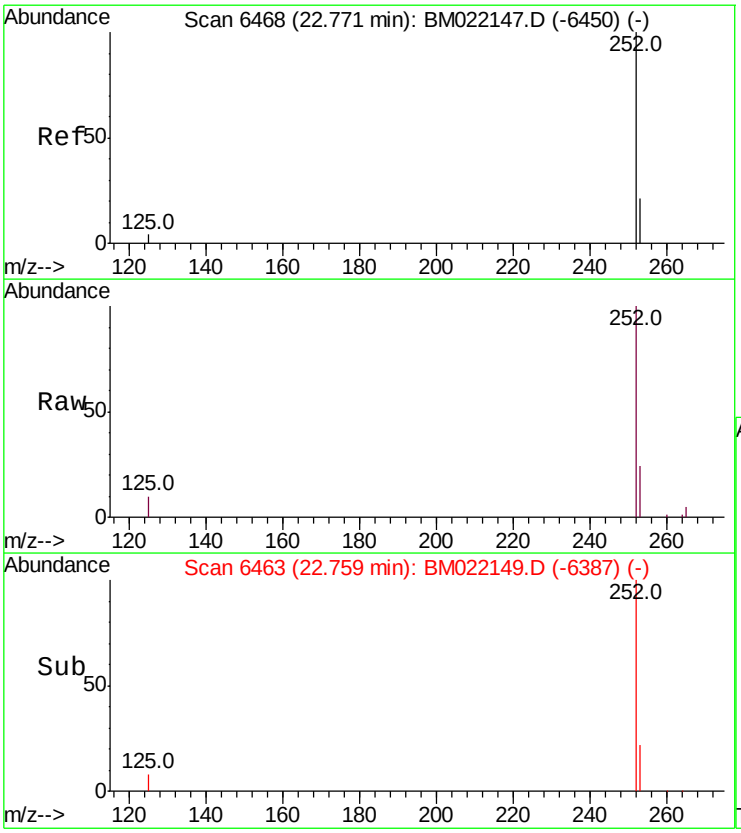
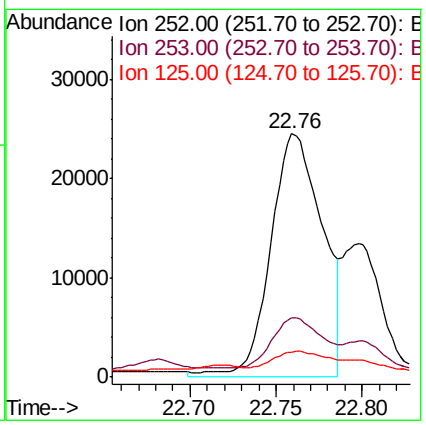
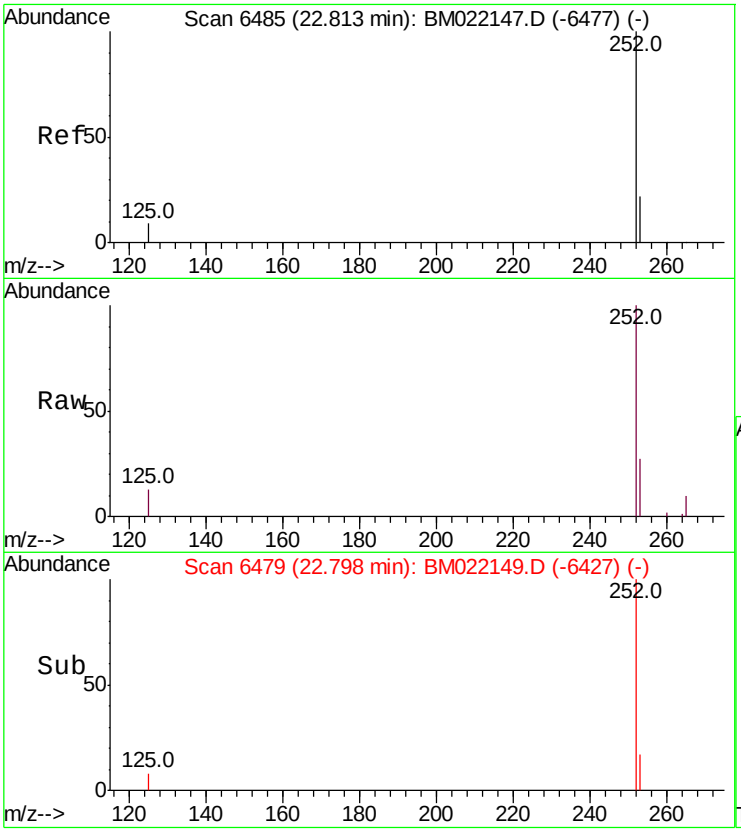


#21
Benzo(b)fluoranthene
Concen: 3.620 ng/ul m
RT: 22.76 min Scan# 6463
Delta R.T. -0.02 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:252 Resp: 51442

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	67.4
125	10.3	0.0	31.0

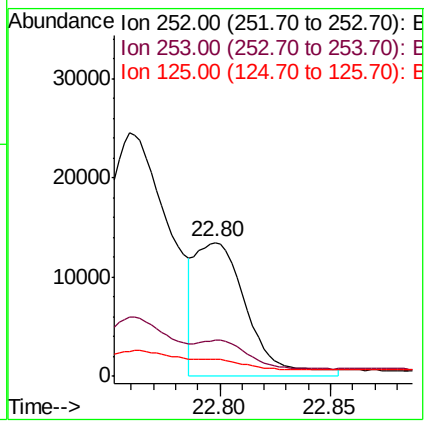




#22
Benzo(k)fluoranthene
Concen: 1.377 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.02 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:252 Resp: 22151

Ion	Ratio	Lower	Upper
252	100		
253	27.0	27.0	40.4
125	12.9	12.2	18.2



Instrument :
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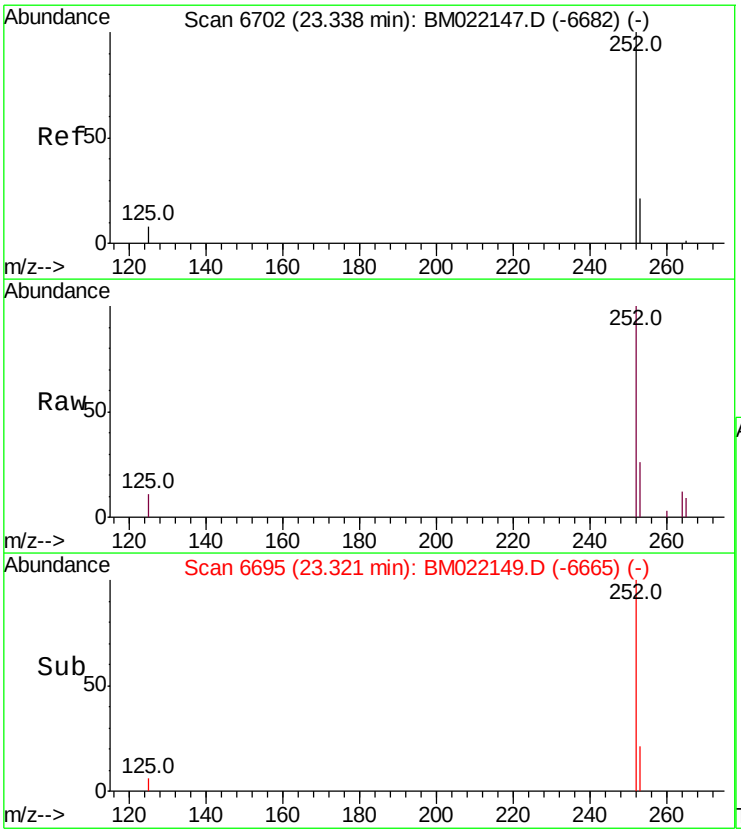
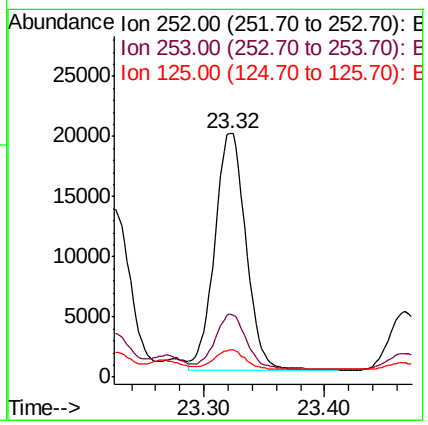
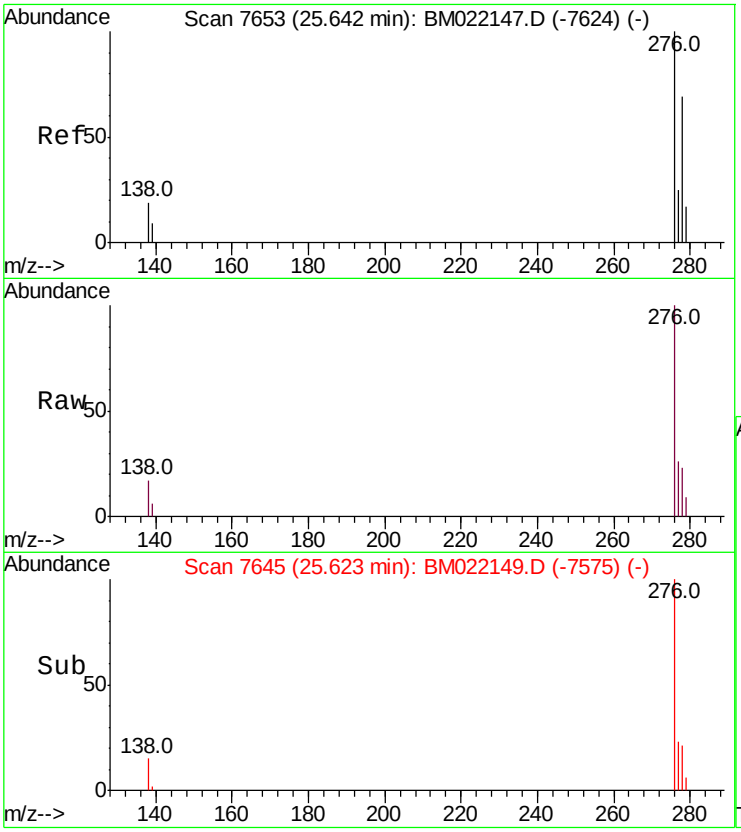


#23
Benzo(a)pyrene
Concen: 2.463 ng/ul
RT: 23.32 min Scan# 6695
Delta R.T. -0.03 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:252 Resp: 35590

Ion	Ratio	Lower	Upper
252	100		
253	25.8	31.7	47.5#
125	11.0	14.6	21.8#

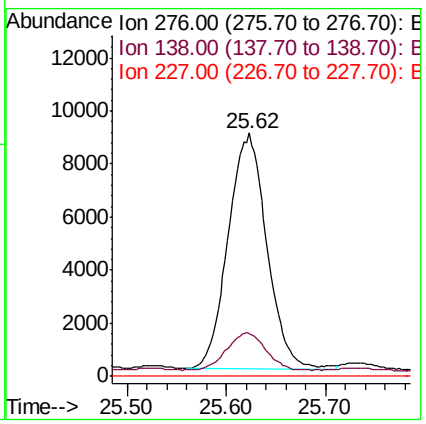




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.397 ng/ul
RT: 25.62 min Scan# 7645
Delta R.T. -0.03 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:276 Resp: 24101

Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.1	22.7
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
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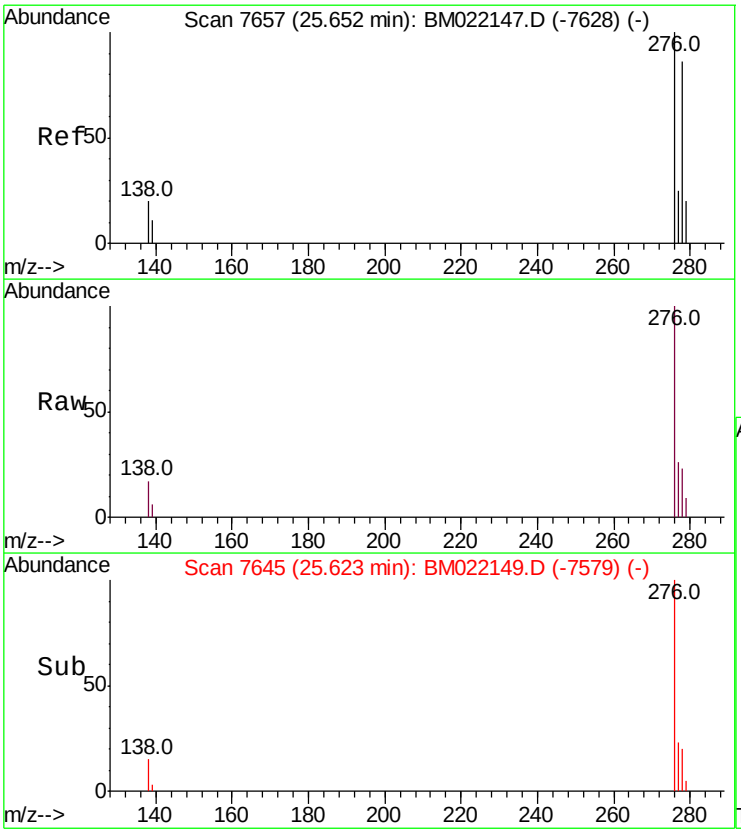
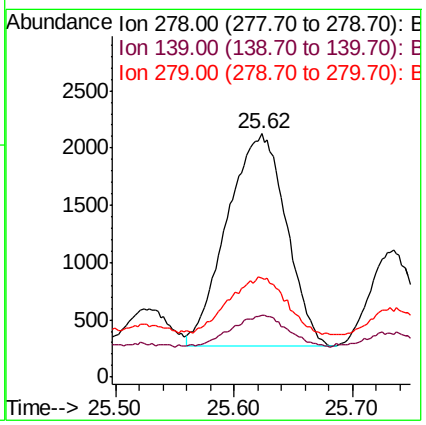
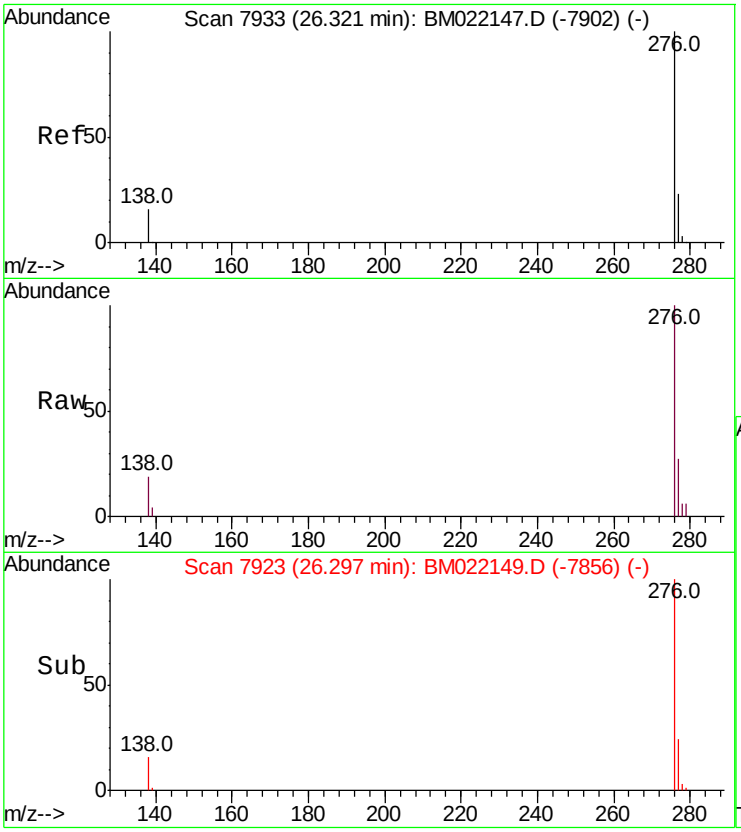


#25
Dibenzo(a,h)anthracene
Concen: 0.460 ng/ul
RT: 25.62 min Scan# 7645
Delta R.T. -0.04 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:278 Resp: 6412

Ion	Ratio	Lower	Upper
278	100		
139	25.3	14.2	21.2#
279	40.5	28.3	42.5

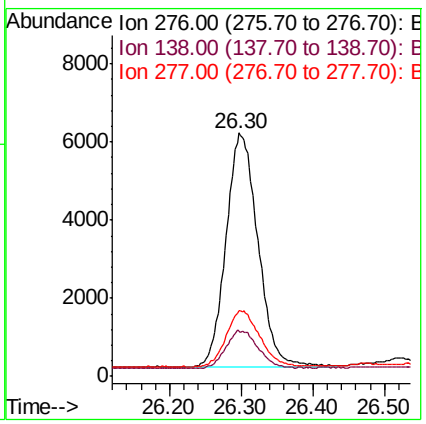




#26
Benzo(g,h,i)perylene
Concen: 1.205 ng/ul
RT: 26.30 min Scan# 7923
Delta R.T. -0.04 min
Lab File: BM022149.D
Acq: 15 Aug 2019 18:33

Tgt Ion:276 Resp: 18713

Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.5	23.3
277	26.8	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
C0AF5

Manual Integrations APPROVED
mohammad
8/19/2019 10:45:38 AM