Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
Data File : BM022182.D
Acq On : 16 Aug 2019 22:30
Operator : HP/JU
Sample : K4183-17DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG4DL

Manual Integrations APPROVED
mohammad
8/19/2019 5:32:34 PM

Quant Time: Aug 17 05:19:07 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 : Sat Aug 17 04:19:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	797	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3510	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	2145	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	4956	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	5154	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5714	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	188	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	564	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	1410	0.142	ng/ul#	80
5) 2-Methylnaphthalene	12.06	142	2168	0.328	ng/ul	95
7) Acenaphthylene	13.98	152	747	0.075	ng/ul#	75
8) Acenaphthene	14.31	153	723	0.088	ng/ul	94
9) Fluorene	15.32	166	1077	0.118	ng/ul#	97
12) Phenanthrene	17.05	178	21364	1.482	ng/ul	97
13) Anthracene	17.15	178	6311	0.513	ng/ul	99
15) Fluoranthene	19.08	202	45171	2.338	ng/ul	94
17) Pyrene	19.45	202	39760	1.877	ng/ul	97
18) Benzo(a)anthracene	21.20	228	17517	0.950	ng/ul	94
19) Chrysene	21.26	228	17257m	0.728	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	22739m	1.180	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	8702m	0.399	ng/ul	
23) Benzo(a)pyrene	23.33	252	16437	0.839	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	25.64	276	11887	0.508	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.64	278	2968	0.157	ng/ul#	33
26) Benzo(g,h,i)perylene	26.32	276	12332	0.585	ng/ul#	91

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

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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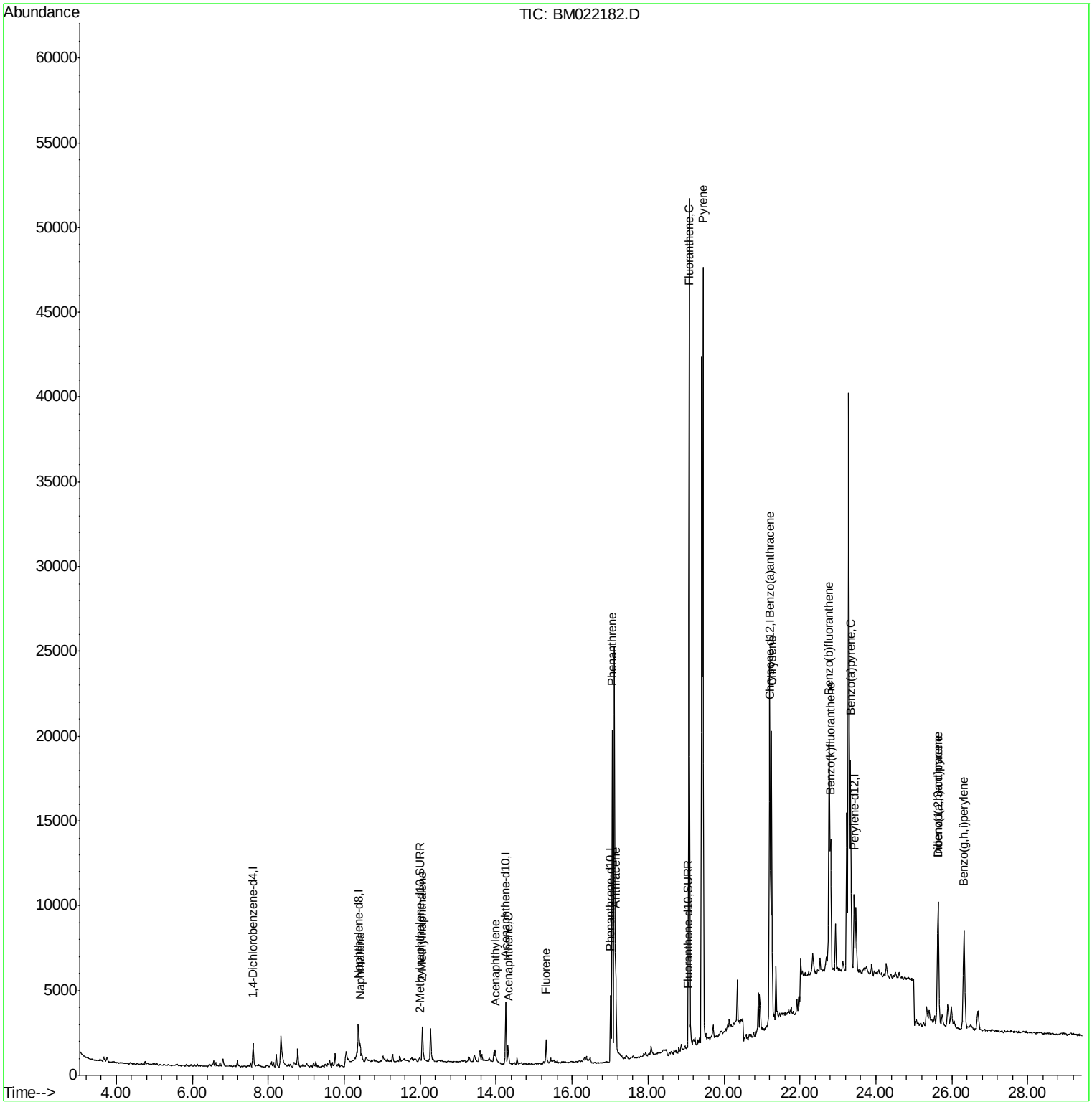
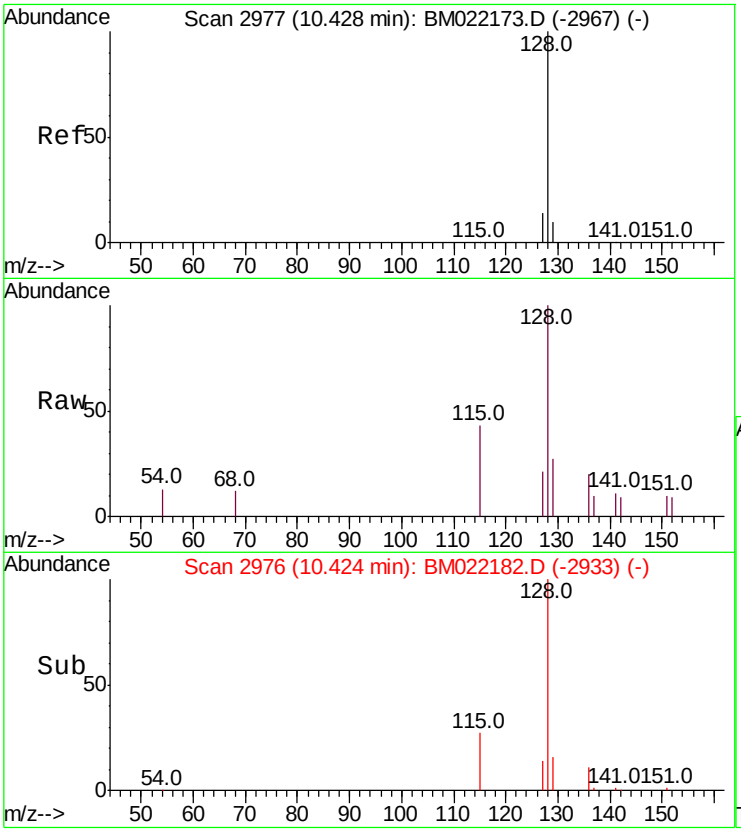
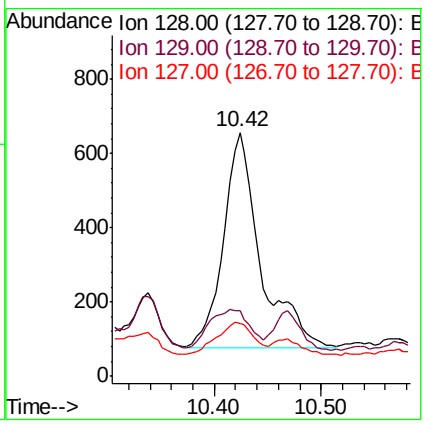




#3
Naphthalene
Concen: 0.142 ng/ul
RT: 10.42 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:128 Resp: 1410

Ion	Ratio	Lower	Upper
128	100		
129	27.0	12.3	18.5#
127	21.5	13.0	19.6#



Instrument :
BNA_M
ClientSampleId :
C0AG4DL

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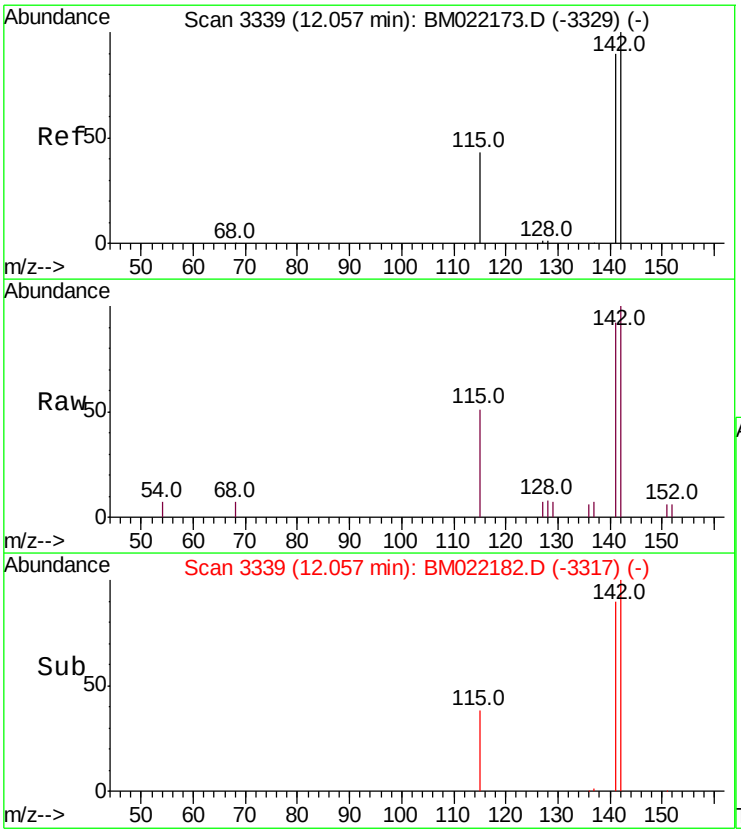
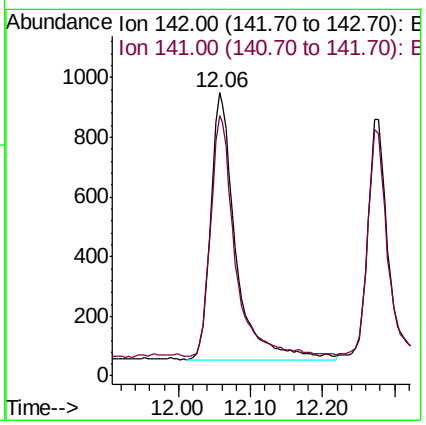
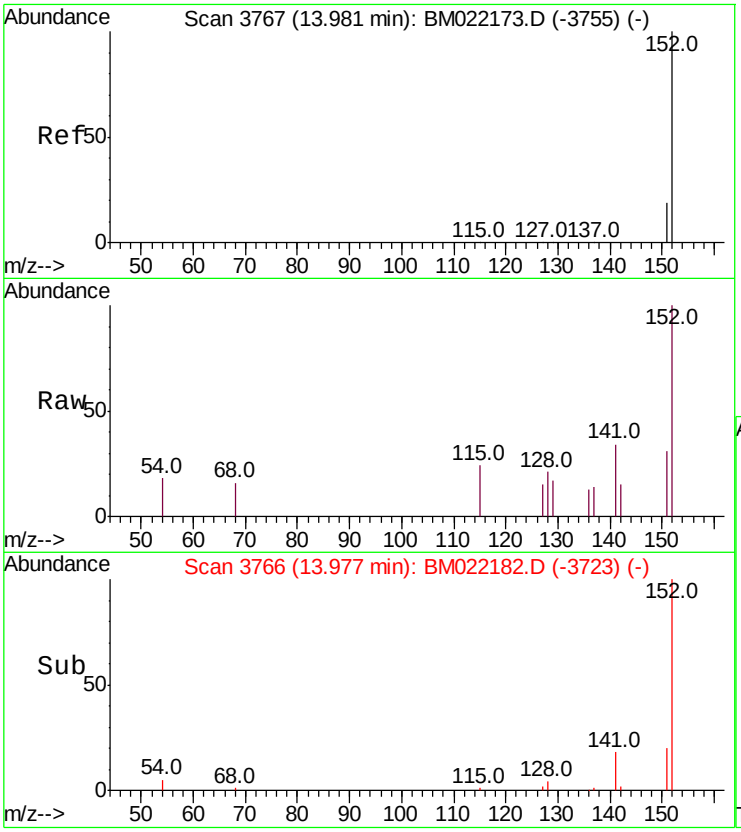


#5
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.06 min Scan# 3339
Delta R.T. 0.00 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:142 Resp: 2168

Ion	Ratio	Lower	Upper
142	100		
141	88.4	74.3	111.5





#7
Acenaphthylene
Concen: 0.075 ng/ul
RT: 13.98 min Scan# 3766
Delta R.T. -0.00 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:152 Resp: 747

Ion	Ratio	Lower	Upper
152	100		
151	31.1	18.3	27.5#
153	0.0	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
C0AG4DL

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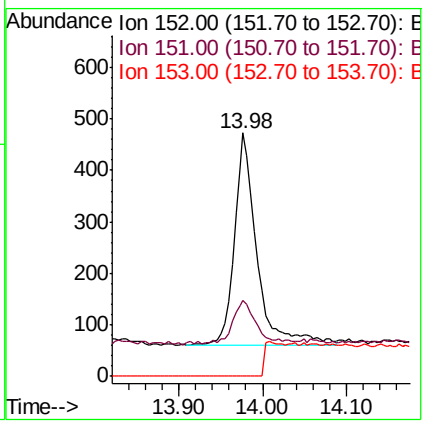
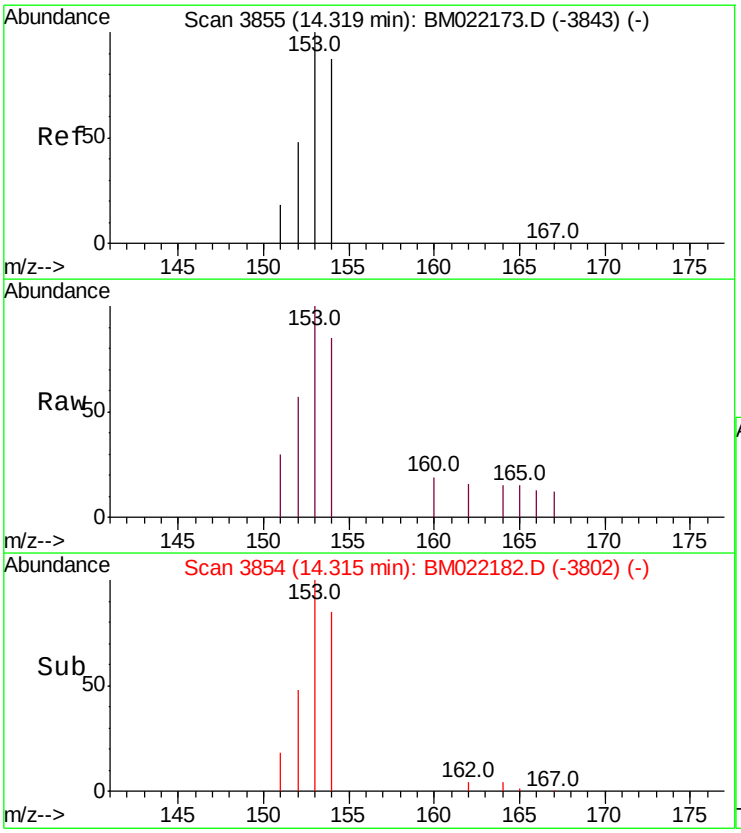
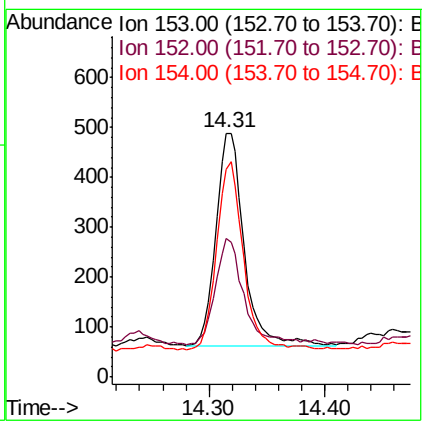


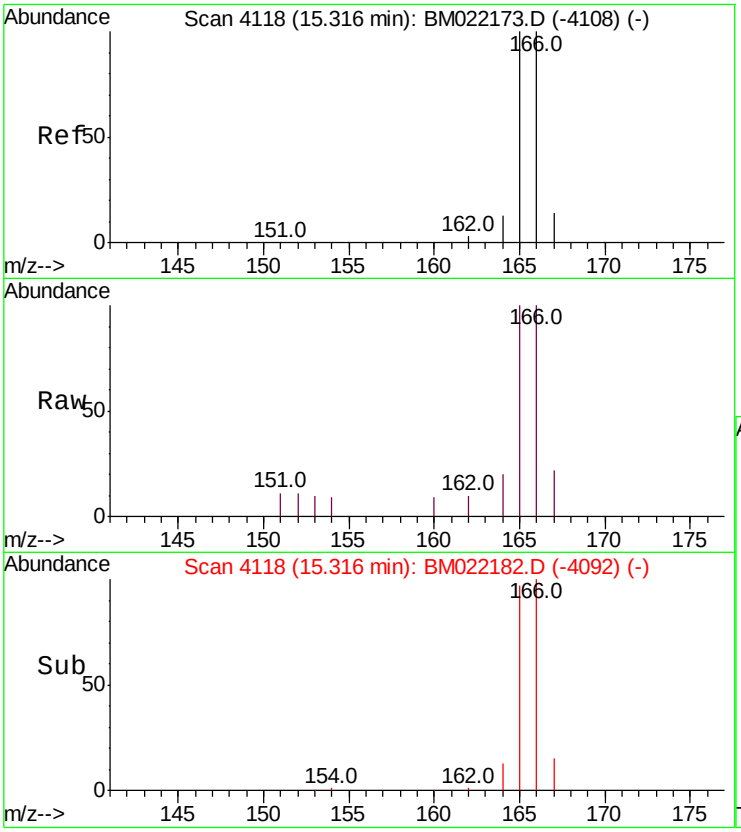


#8
Acenaphthene
Concen: 0.088 ng/ul
RT: 14.31 min Scan# 3854
Delta R.T. -0.00 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:153 Resp: 723

Ion	Ratio	Lower	Upper
153	100		
152	57.0	41.3	61.9
154	85.5	72.3	108.5

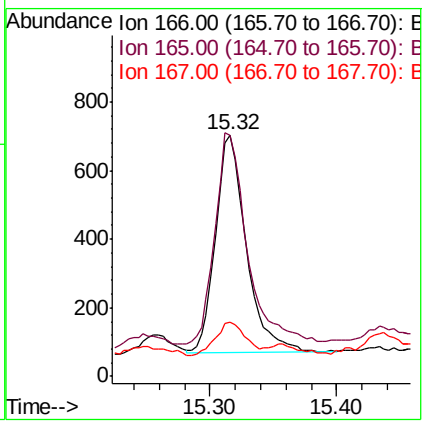




#9
Fluorene
Concen: 0.118 ng/ul
RT: 15.32 min Scan# 4118
Delta R.T. 0.00 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:166 Resp: 1077

Ion	Ratio	Lower	Upper
166	100		
165	100.0	81.4	122.0
167	22.3	13.7	20.5#



Instrument :
BNA_M
ClientSampleId :
C0AG4DL

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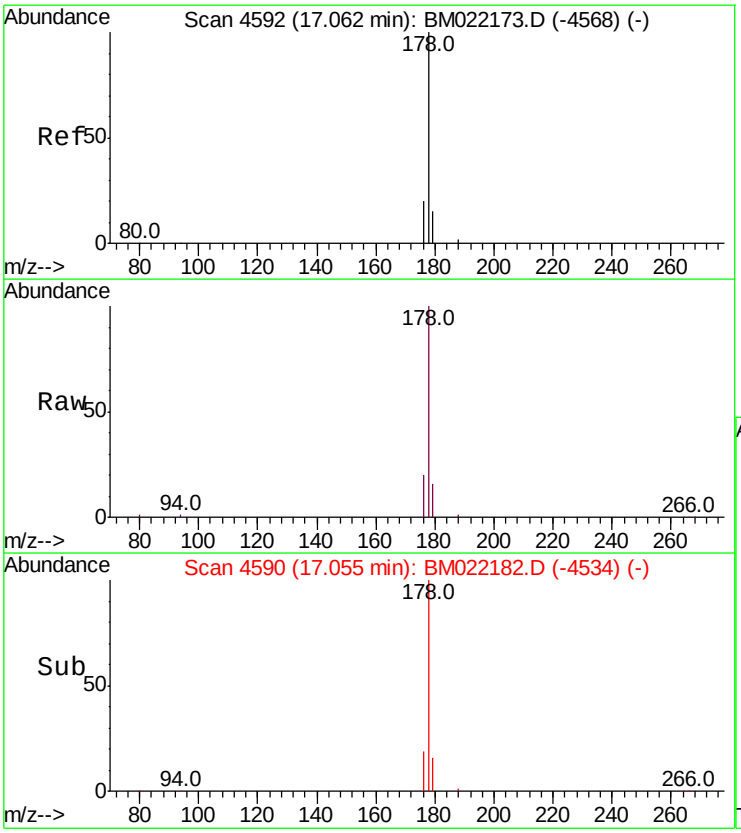
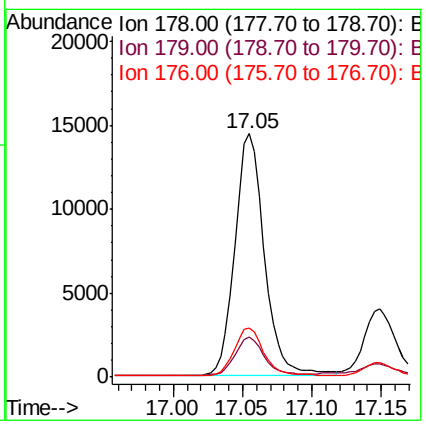
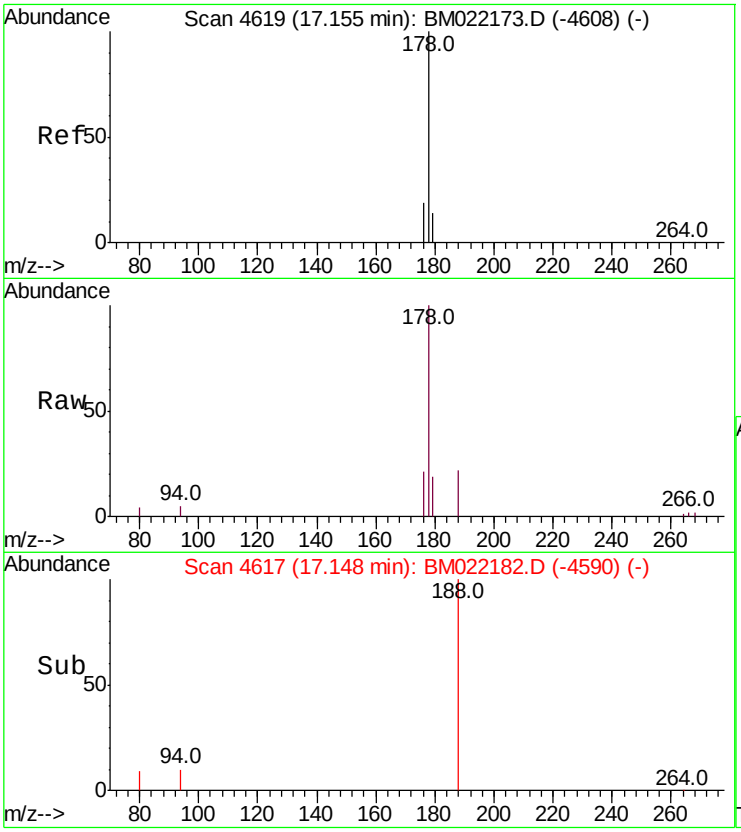


#12
Phenanthrene
Concen: 1.482 ng/ul
RT: 17.05 min Scan# 4590
Delta R.T. -0.01 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:178 Resp: 21364

Ion	Ratio	Lower	Upper
178	100		
179	16.3	14.2	21.2
176	19.9	16.8	25.2

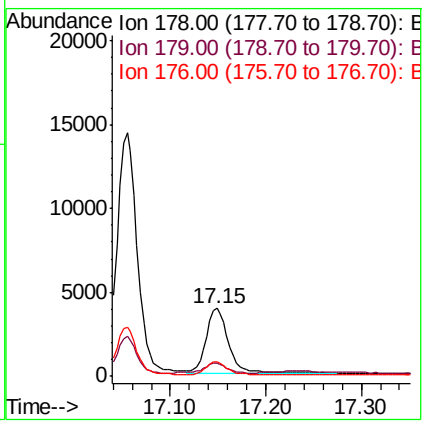




#13
Anthracene
Concen: 0.513 ng/ul
RT: 17.15 min Scan# 4617
Delta R.T. -0.01 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:178 Resp: 6311

Ion	Ratio	Lower	Upper
178	100		
179	18.7	15.5	23.3
176	21.0	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
C0AG4DL

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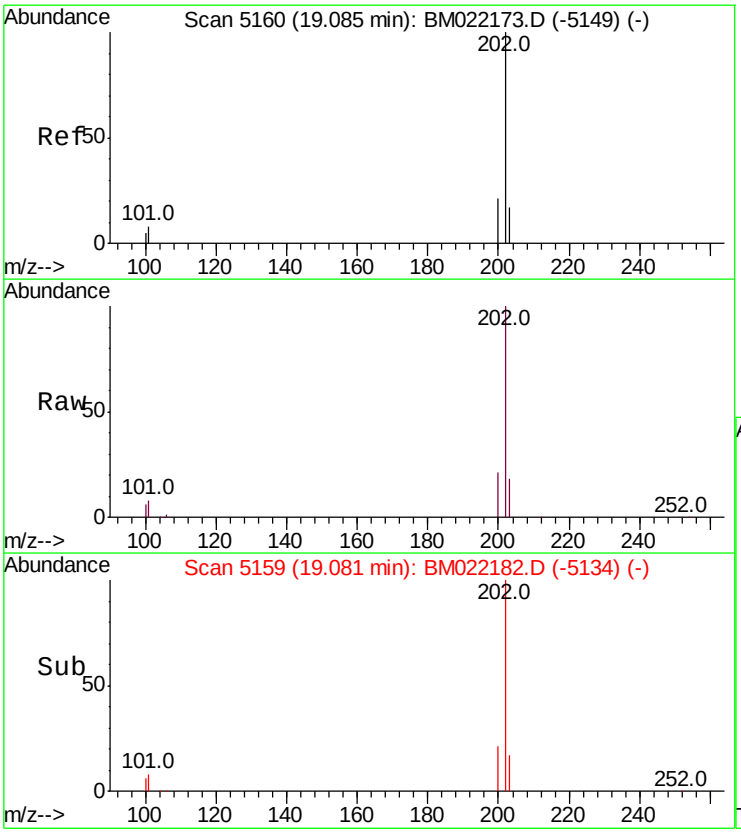
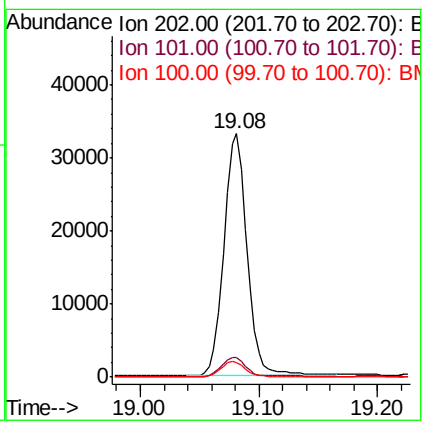
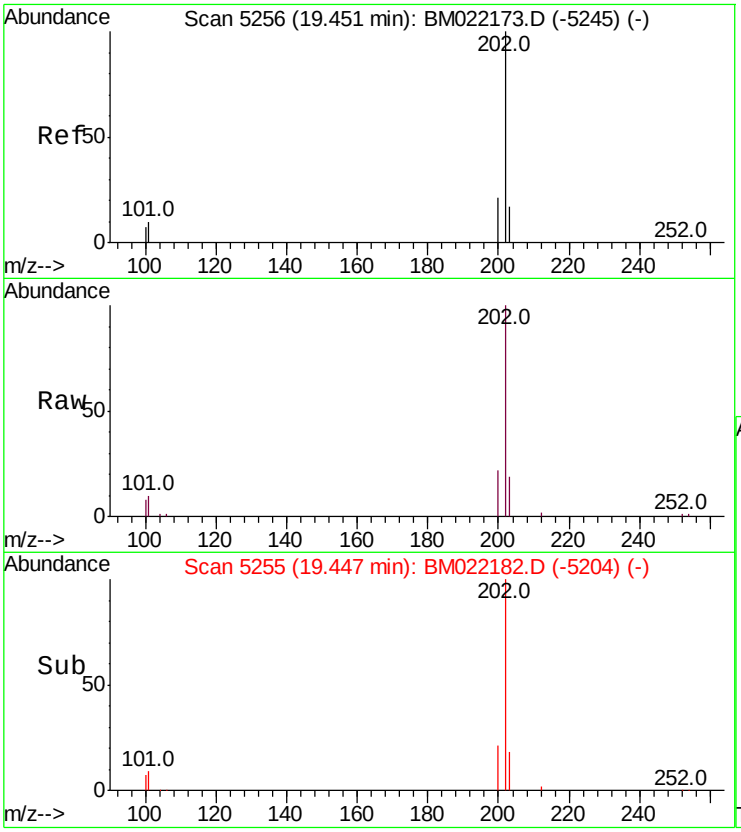


#15
Fluoranthene
Concen: 2.338 ng/ul
RT: 19.08 min Scan# 5159
Delta R.T. -0.00 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:202 Resp: 45171

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	30.2
100	6.2	0.0	28.1

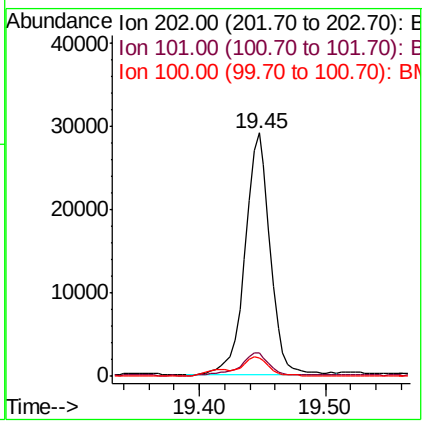




#17
Pyrene
Concen: 1.877 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.00 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:202 Resp: 39760

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.3	12.5
100	7.6	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
C0AG4DL

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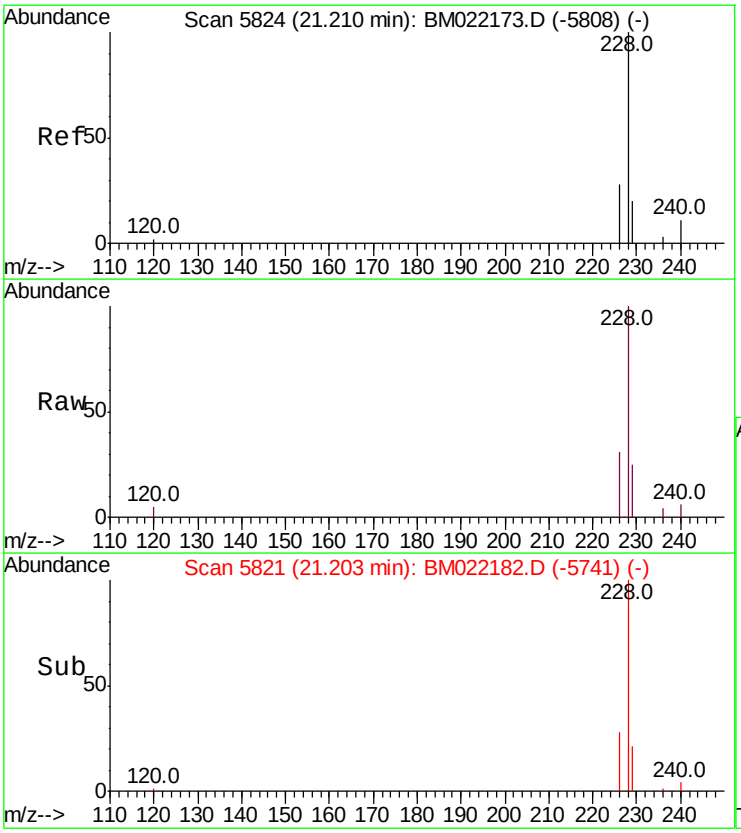
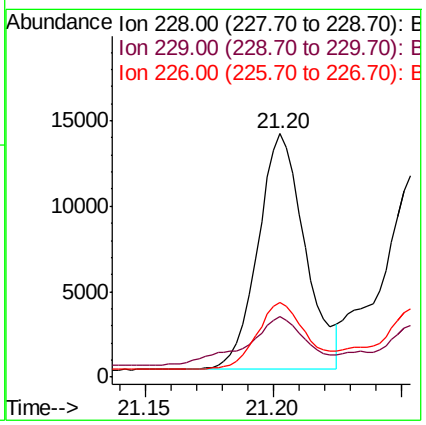
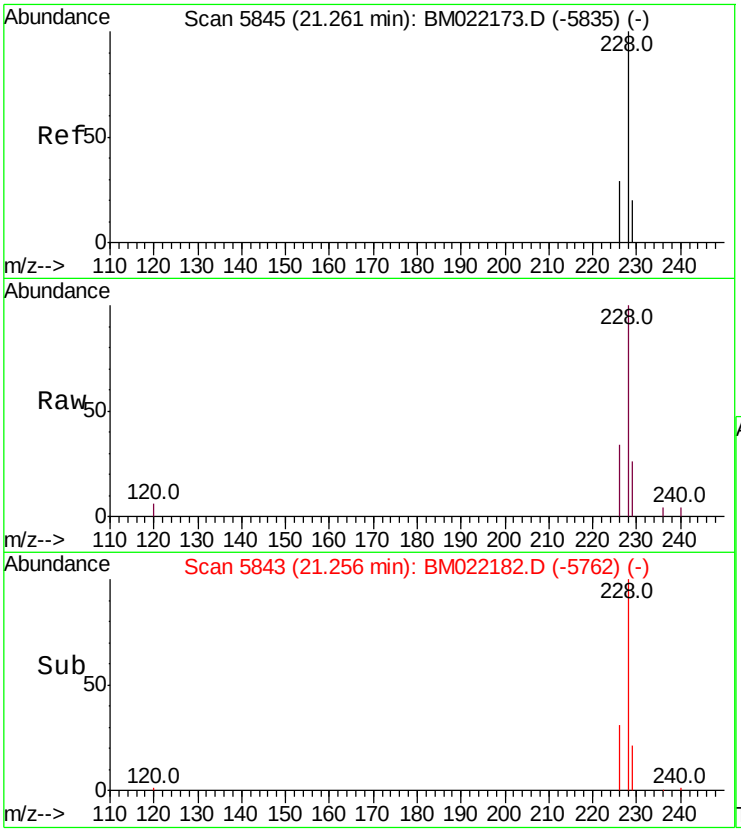


#18
Benzo(a)anthracene
Concen: 0.950 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.01 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:228 Resp: 17517

Ion	Ratio	Lower	Upper
228	100		
229	24.8	17.2	25.8
226	30.8	22.6	34.0





#19
Chrysene
Concen: 0.728 ng/ul m
RT: 21.26 min Scan# 5843
Delta R.T. -0.00 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:228 Resp: 17257

Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.9	37.3
229	26.0	16.6	25.0#

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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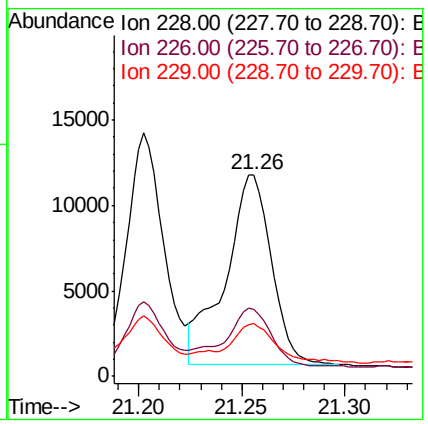
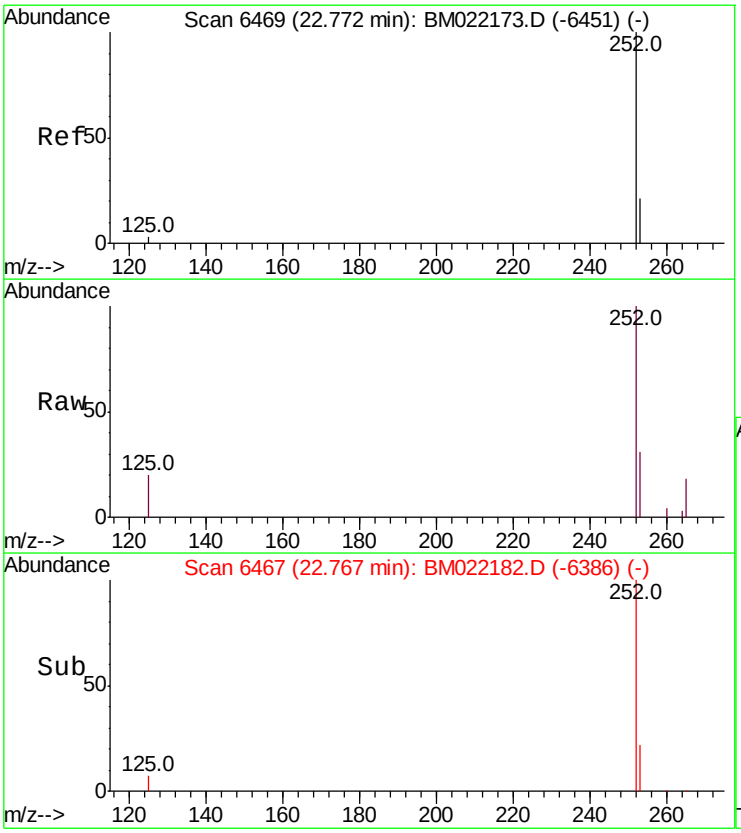
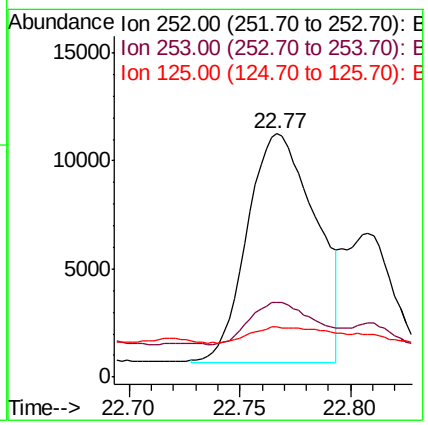


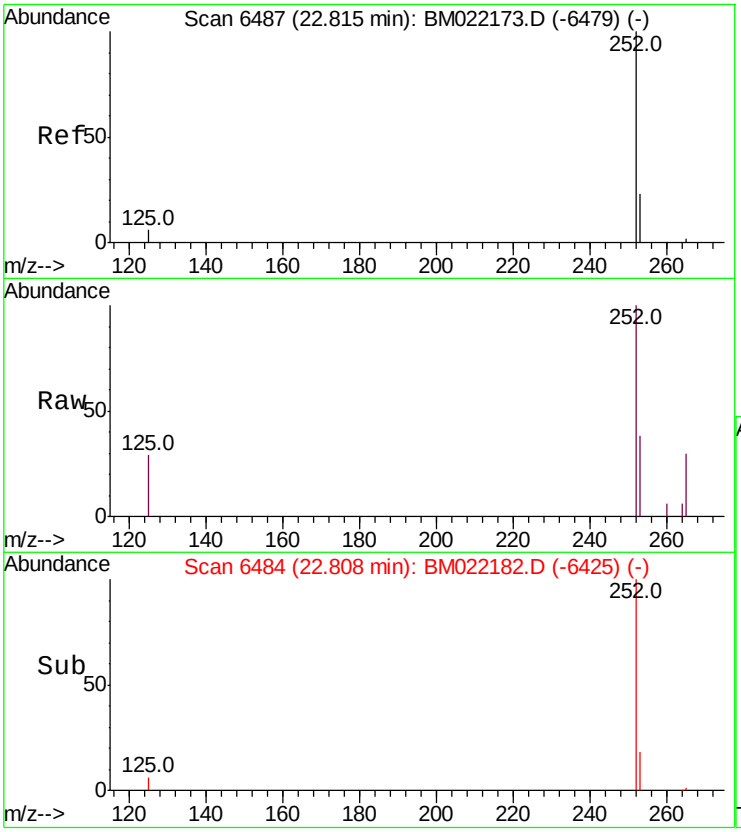


#21
Benzo(b)fluoranthene
Concen: 1.180 ng/ul m
RT: 22.77 min Scan# 6467
Delta R.T. -0.00 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:252 Resp: 22739

Ion	Ratio	Lower	Upper
252	100		
253	30.9	0.0	67.4
125	20.4	0.0	31.0

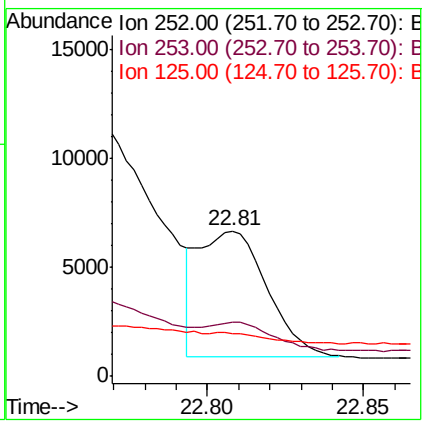




#22
Benzo(k)fluoranthene
Concen: 0.399 ng/ul m
RT: 22.81 min Scan# 6484
Delta R.T. -0.01 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:252 Resp: 8702

Ion	Ratio	Lower	Upper
252	100		
253	37.7	27.0	40.4
125	29.5	12.2	18.2#



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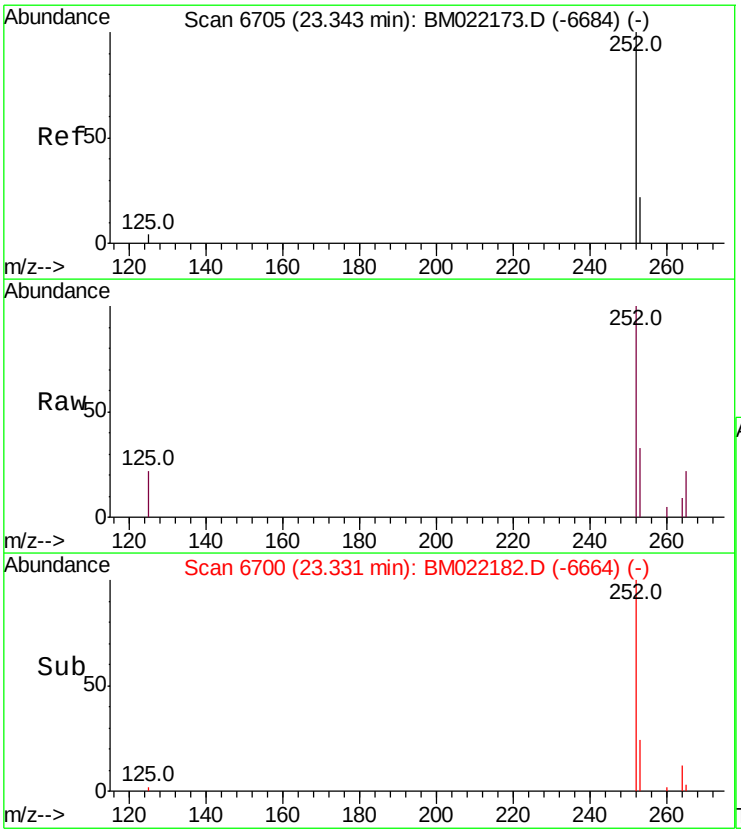
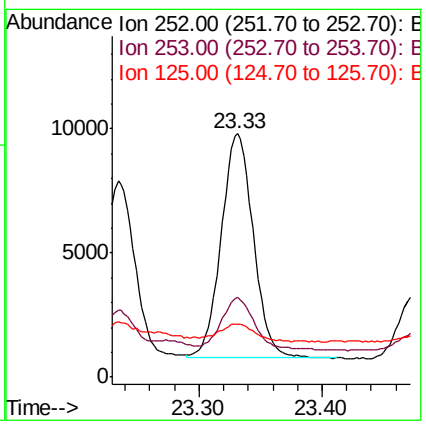
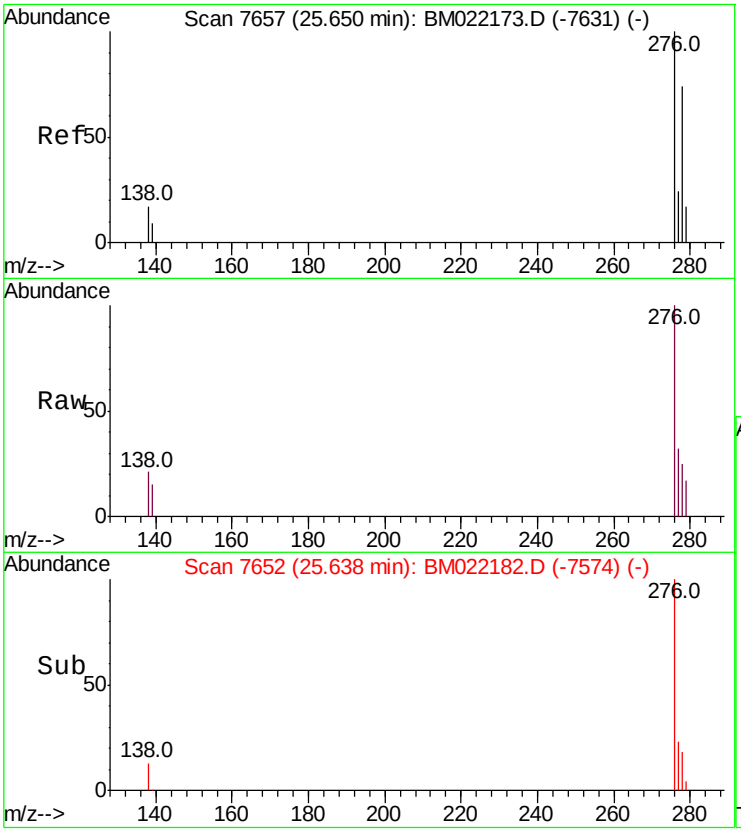


#23
Benzo(a)pyrene
Concen: 0.839 ng/ul
RT: 23.33 min Scan# 6700
Delta R.T. -0.01 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:252 Resp: 16437

Ion	Ratio	Lower	Upper
252	100		
253	32.6	31.7	47.5
125	21.6	14.6	21.8





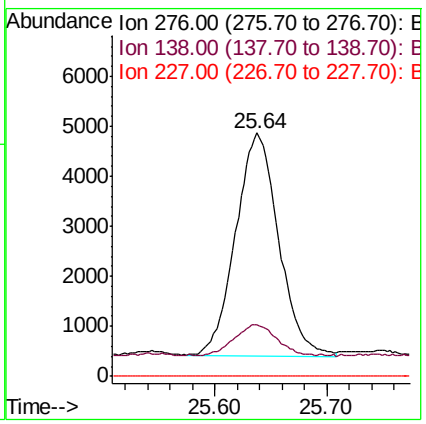
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.508 ng/ul
RT: 25.64 min Scan# 7652
Delta R.T. -0.01 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

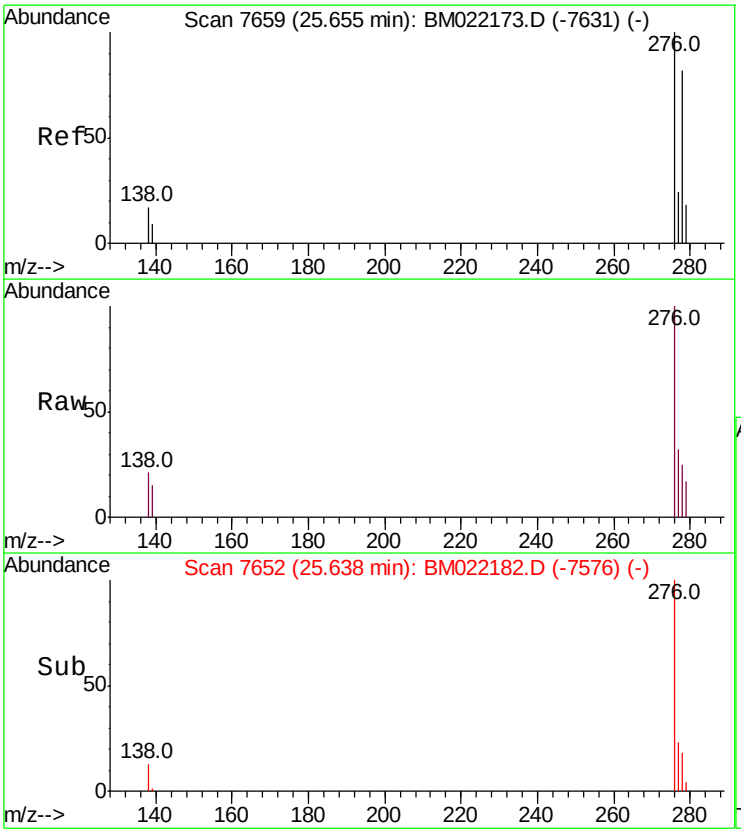
Tgt Ion:276 Resp: 11887

Ion	Ratio	Lower	Upper
276	100		
138	13.9	15.1	22.7#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C0AG4DL

Manual Integrations APPROVED
mohammad
8/19/2019 5:32:34 PM

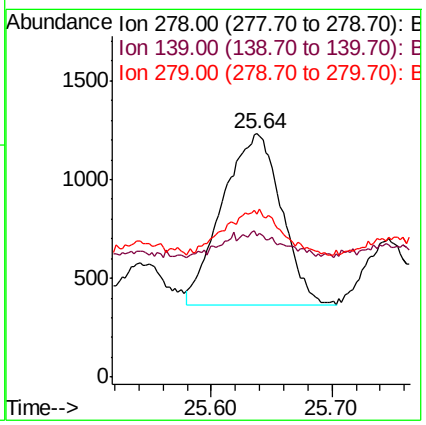


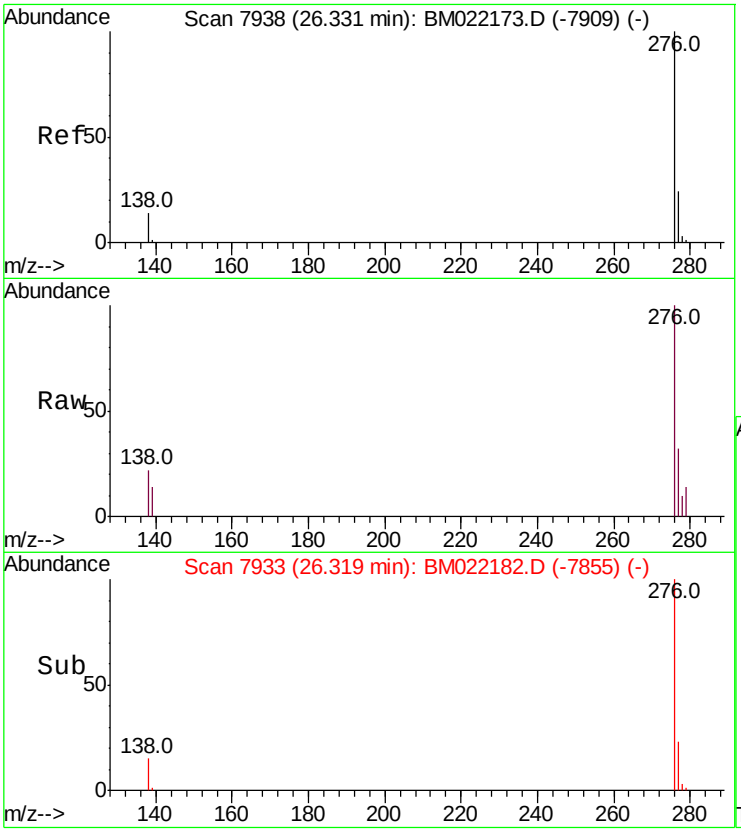


#25
Dibenzo(a,h)anthracene
Concen: 0.157 ng/ul
RT: 25.64 min Scan# 7652
Delta R.T. -0.02 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:278 Resp: 2968

Ion	Ratio	Lower	Upper
278	100		
139	58.2	14.2	21.2#
279	67.0	28.3	42.5#

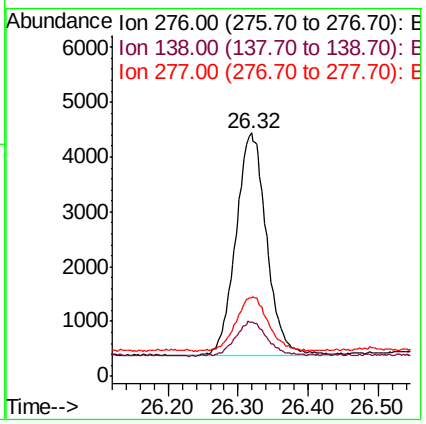




#26
Benzo(g,h,i)perylene
Concen: 0.585 ng/ul
RT: 26.32 min Scan# 7933
Delta R.T. -0.01 min
Lab File: BM022182.D
Acq: 16 Aug 2019 22:30

Tgt Ion:276 Resp: 12332

Ion	Ratio	Lower	Upper
276	100		
138	22.4	15.5	23.3
277	32.2	21.4	32.2#



Instrument :
BNA_M
ClientSampleId :
C0AG4DL

Manual Integrations APPROVED
mohammad
8/19/2019 5:32:34 PM