Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022116.D
Acq On : 14 Aug 2019 20:02
Operator : HP/JU
Sample : K4304-02DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 15 11:11:44 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

Instrument :
BNA_M
ClientSampleId :
CB5N3DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	935	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	3807	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	2003	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	4323	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4278	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	4465	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	371	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	861	0.06	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.43	128	2382	0.222	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	837	0.117	ng/ul	96
7) Acenaphthylene	13.98	152	1263	0.135	ng/ul#	82
8) Acenaphthene	14.32	153	2814	0.368	ng/ul	98
9) Fluorene	15.32	166	2639	0.311	ng/ul	99
12) Phenanthrene	17.05	178	43889	3.489	ng/ul	96
13) Anthracene	17.15	178	9420	0.878	ng/ul	96
15) Fluoranthene	19.08	202	75190	4.462	ng/ul	96
17) Pyrene	19.45	202	64663	3.678	ng/ul	100
18) Benzo(a)anthracene	21.20	228	34729	2.270	ng/ul	98
19) Chrysene	21.26	228	34583	1.757	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	46757m	3.105	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	16262m	0.954	ng/ul	
23) Benzo(a)pyrene	23.33	252	29802	1.946	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.63	276	21443	1.173	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	5224	0.354	ng/ul	96
26) Benzo(g,h,i)perylene	26.31	276	18486	1.123	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022116.D
Acq On : 14 Aug 2019 20:02
Operator : HP/JU
Sample : K4304-02DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 15 11:11:44 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

Instrument :
BNA_M
ClientSampleId :
CB5N3DL

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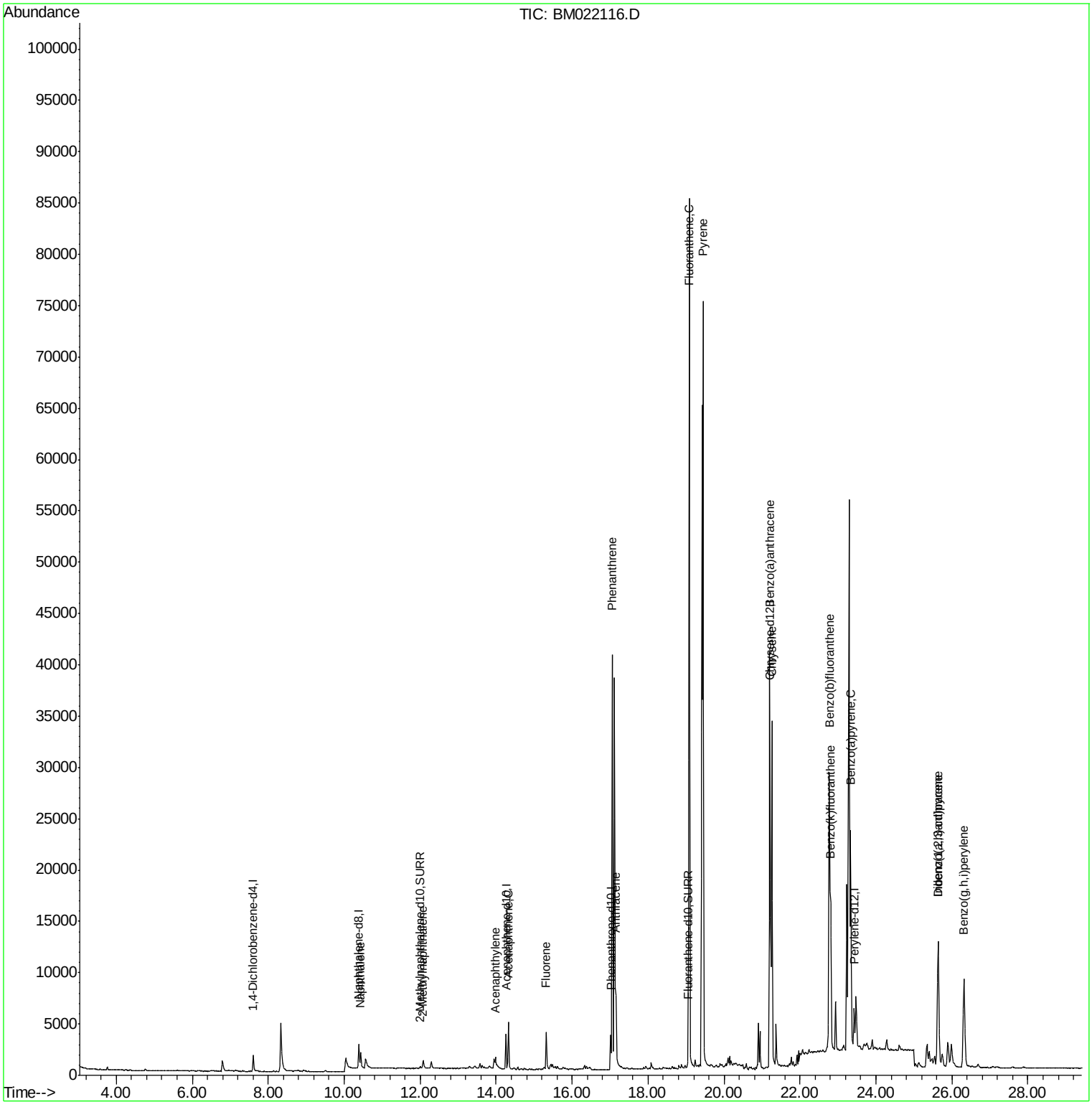
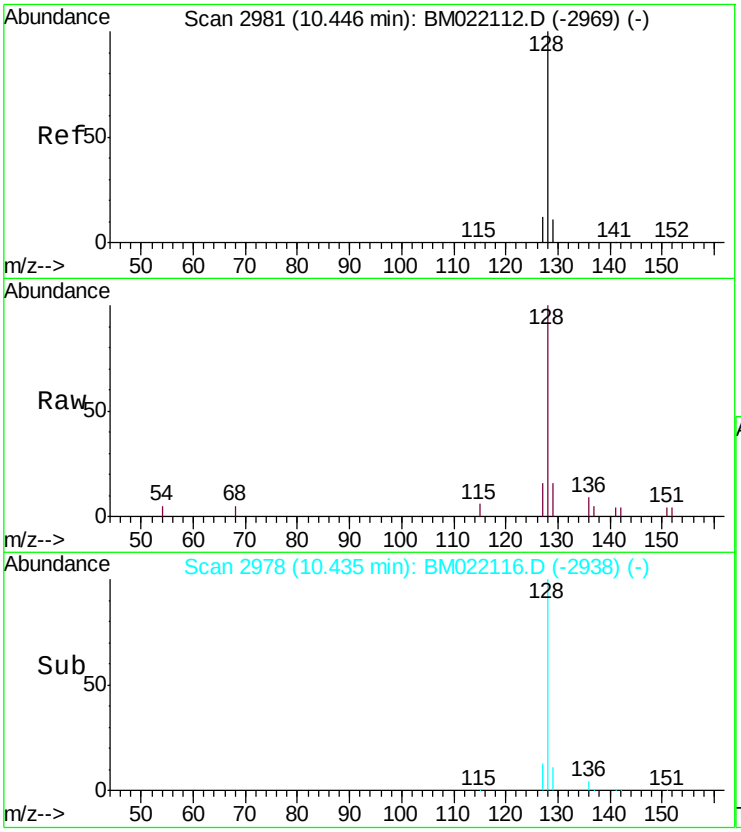
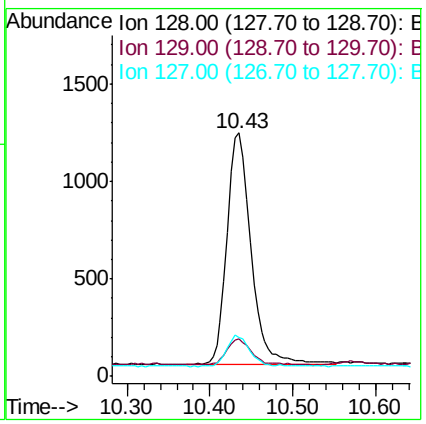




#3
Naphthalene
Concen: 0.222 ng/ul
RT: 10.43 min Scan# 2978
Delta R.T. -0.02 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:128 Resp: 2382

Ion	Ratio	Lower	Upper
128	100		
129	15.7	12.3	18.5
127	16.1	13.0	19.6



Instrument :
BNA_M
ClientSampleId :
CB5N3DL

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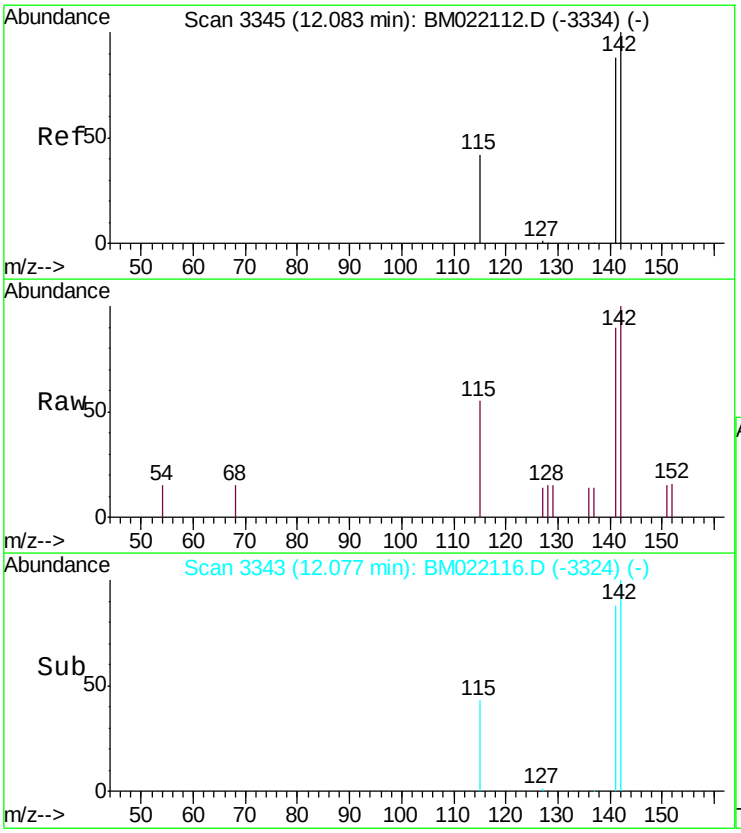
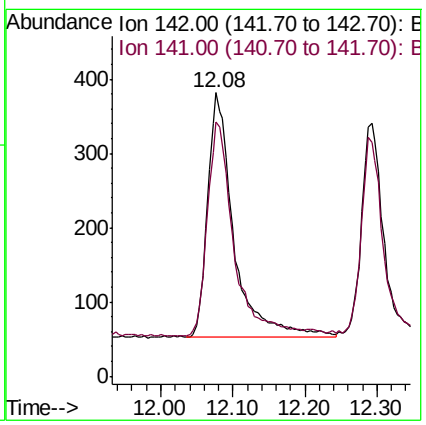
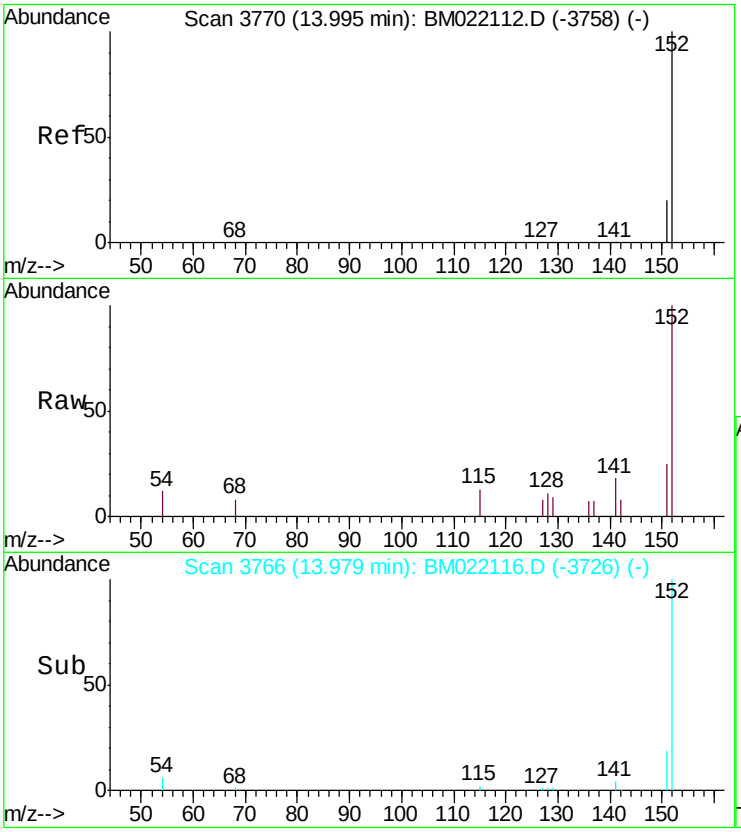


#5
2-Methylnaphthalene
Concen: 0.117 ng/ul
RT: 12.08 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:142 Resp: 837

Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.3	111.5





#7
Acenaphthylene
Concen: 0.135 ng/ul
RT: 13.98 min Scan# 3766
Delta R.T. -0.02 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:152 Resp: 1263

Ion	Ratio	Lower	Upper
152	100		
151	25.3	18.3	27.5
153	0.0	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
CB5N3DL

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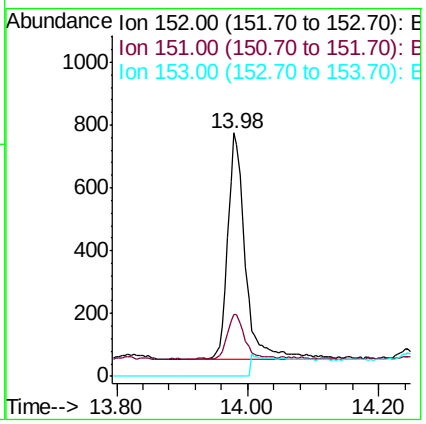
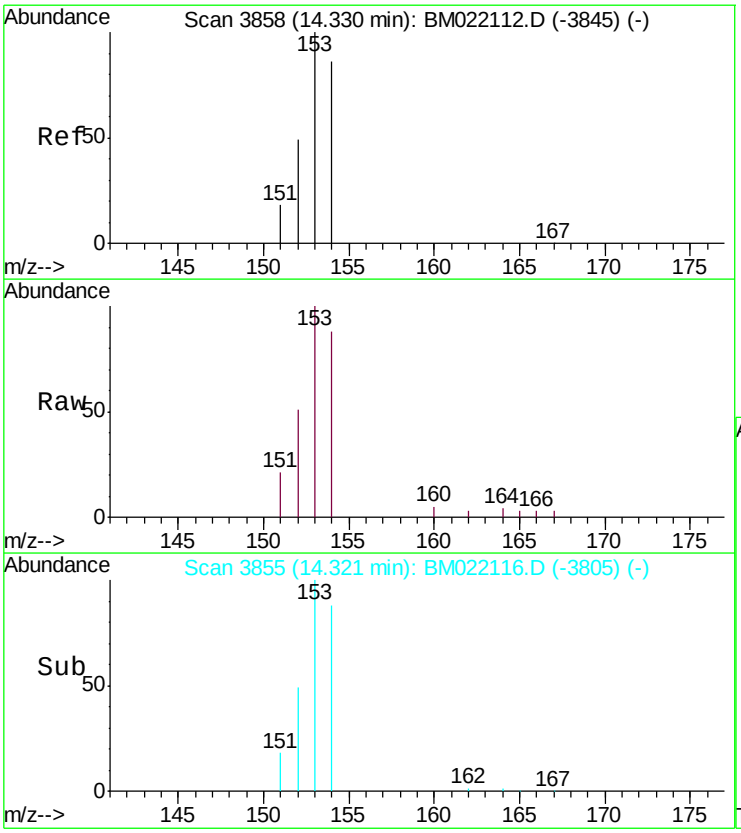
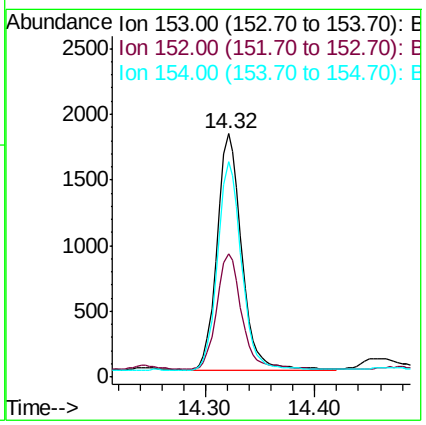


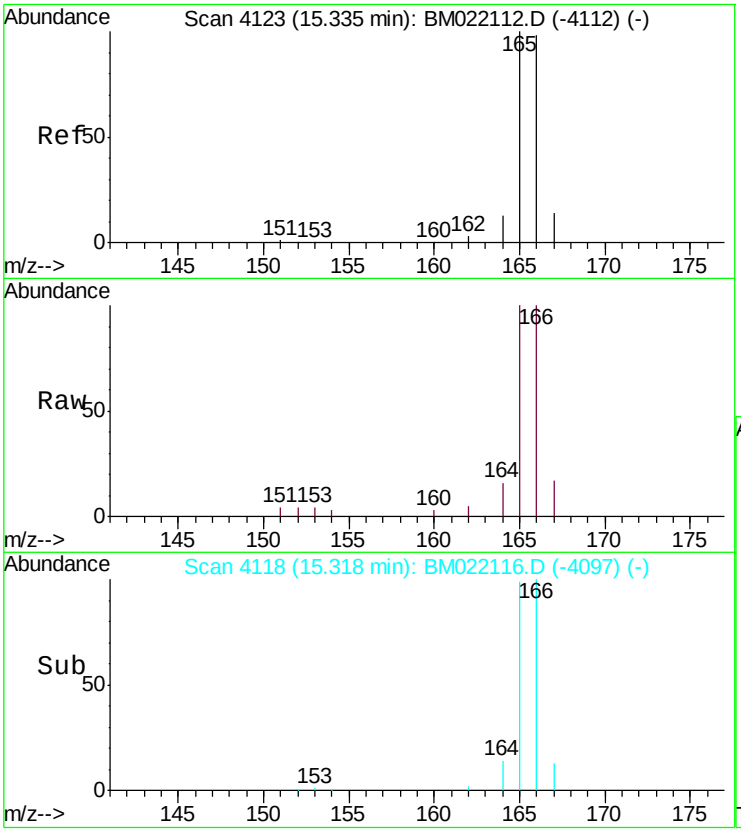


#8
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.32 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:153 Resp: 2814

Ion	Ratio	Lower	Upper
153	100		
152	50.8	41.3	61.9
154	88.4	72.3	108.5

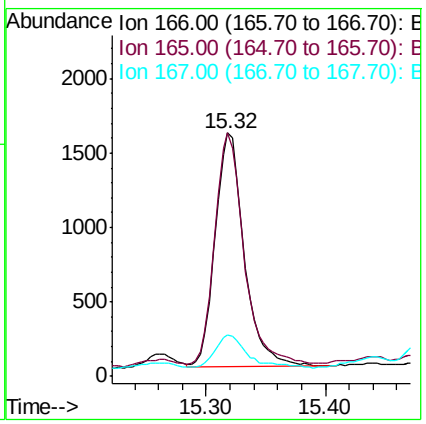




#9
Fluorene
Concen: 0.311 ng/ul
RT: 15.32 min Scan# 4118
Delta R.T. -0.02 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:166 Resp: 2639

Ion	Ratio	Lower	Upper
166	100		
165	100.1	81.4	122.0
167	16.8	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
CB5N3DL

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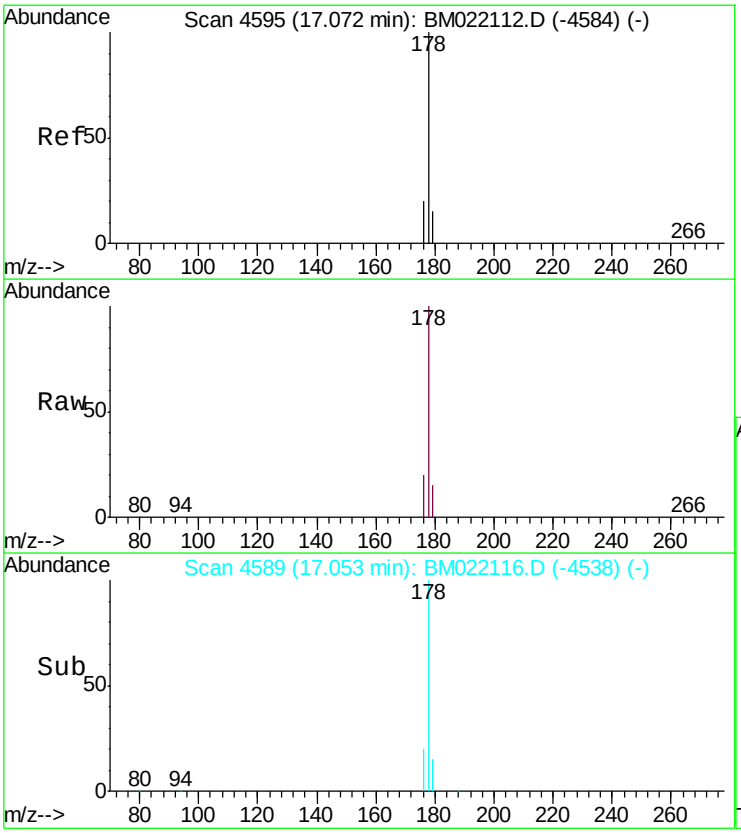
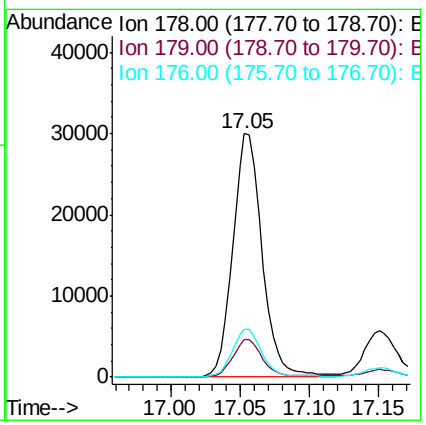
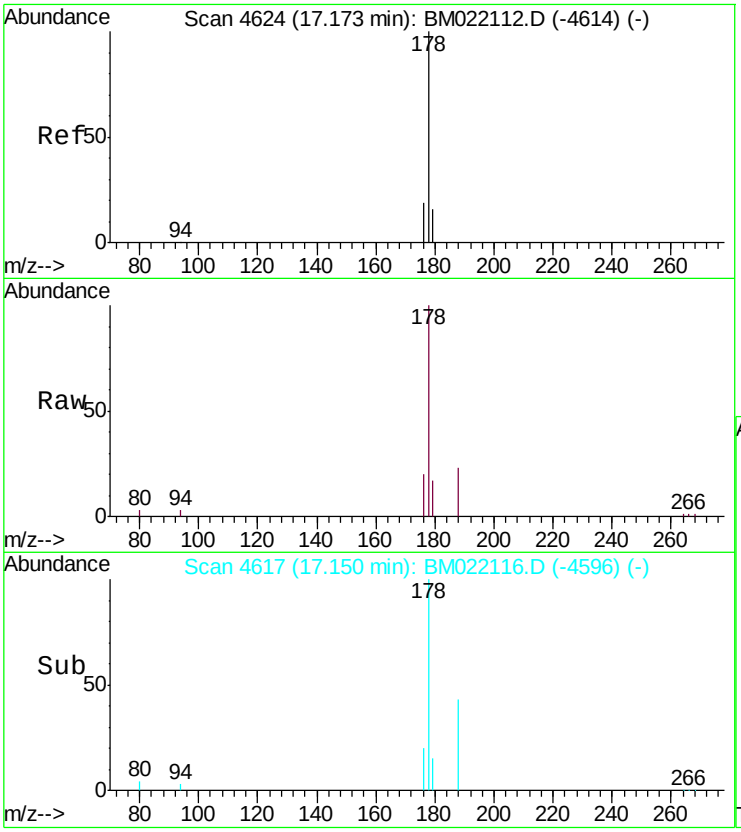


#12
Phenanthrene
Concen: 3.489 ng/ul
RT: 17.05 min Scan# 4589
Delta R.T. -0.02 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:178 Resp: 43889

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.9	16.8	25.2

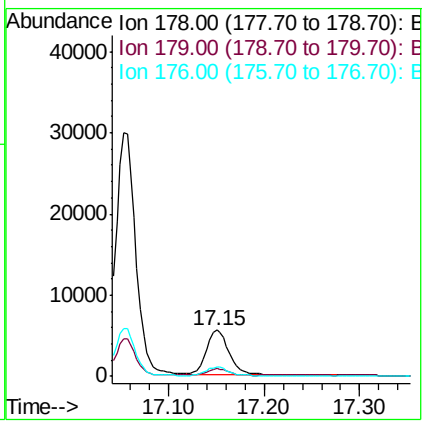




#13
Anthracene
Concen: 0.878 ng/ul
RT: 17.15 min Scan# 4617
Delta R.T. -0.03 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:178 Resp: 9420

Ion	Ratio	Lower	Upper
178	100		
179	16.5	15.5	23.3
176	20.0	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5N3DL

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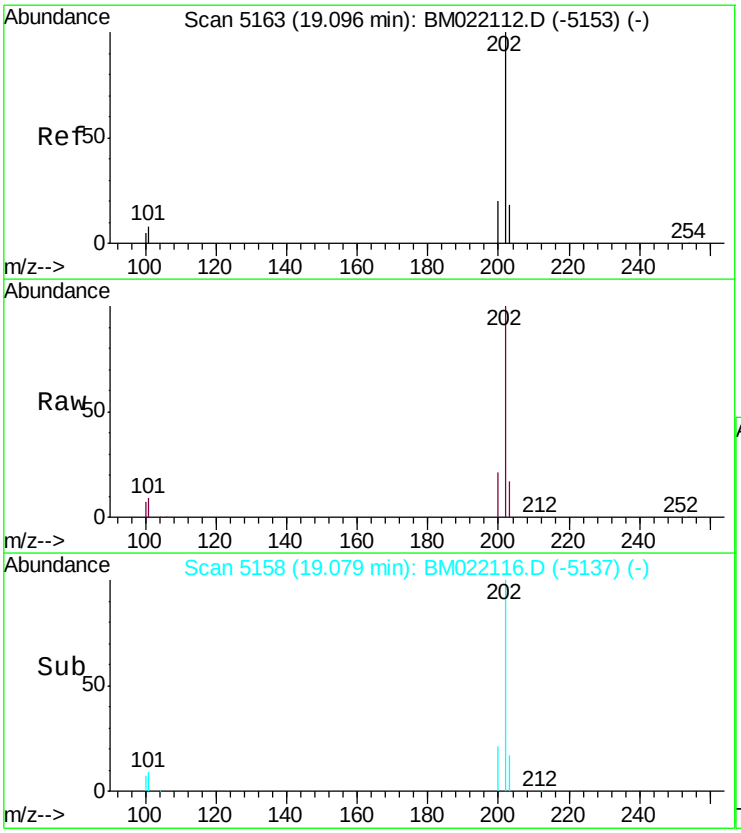
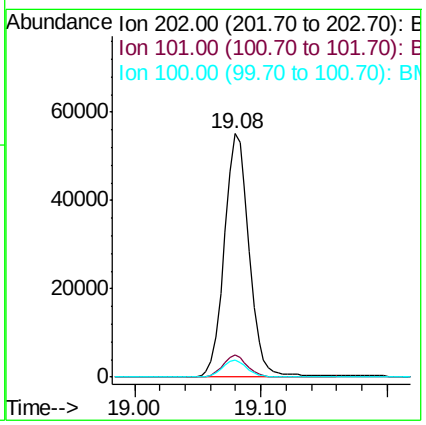
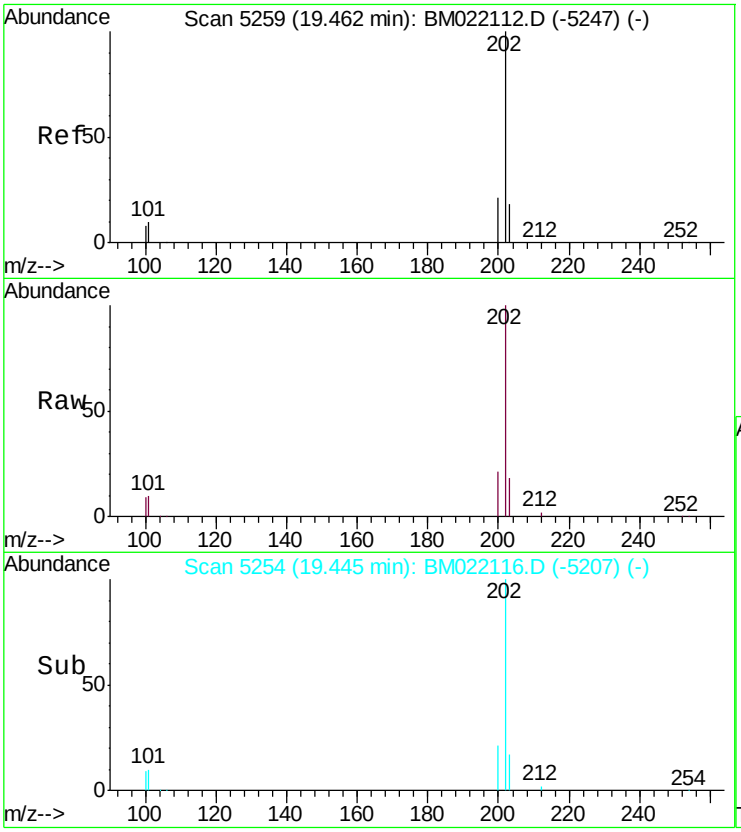


#15
Fluoranthene
Concen: 4.462 ng/ul
RT: 19.08 min Scan# 5158
Delta R.T. -0.02 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:202 Resp: 75190

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.2
100	6.9	0.0	28.1

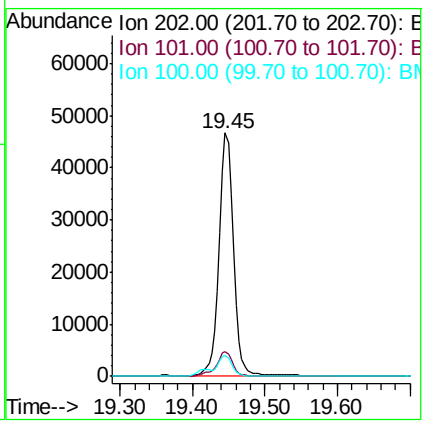




#17
Pyrene
Concen: 3.678 ng/ul
RT: 19.45 min Scan# 5254
Delta R.T. -0.02 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:202 Resp: 64663

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.3	12.5
100	8.7	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
CB5N3DL

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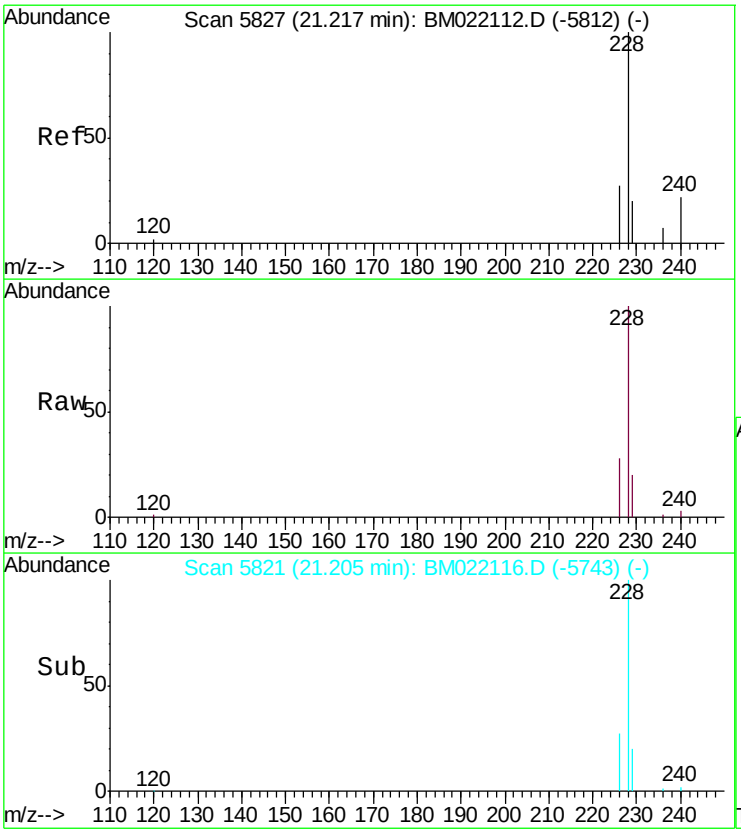
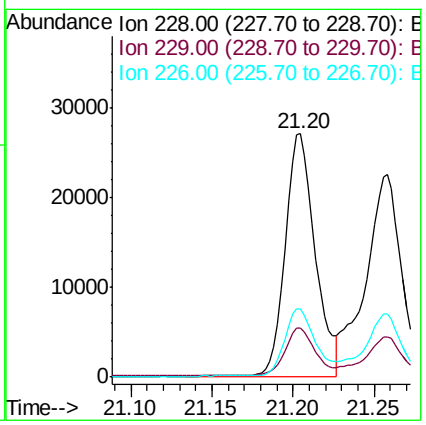
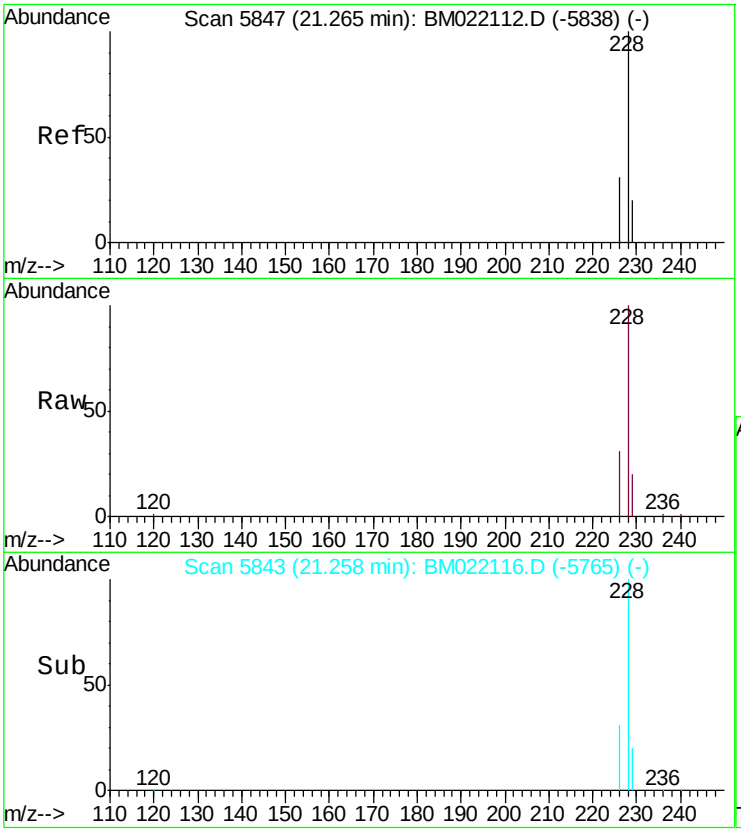


#18
Benzo(a)anthracene
Concen: 2.270 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.01 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:228 Resp: 34729

Ion	Ratio	Lower	Upper
228	100		
229	20.2	17.2	25.8
226	27.8	22.6	34.0

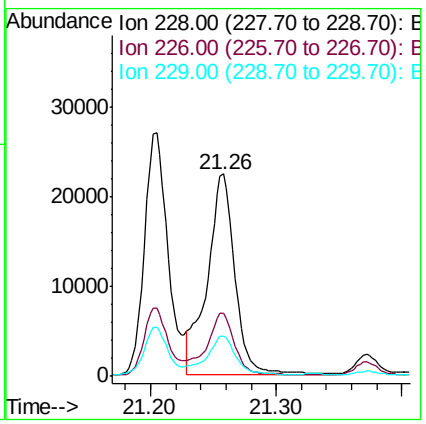




#19
Chrysene
Concen: 1.757 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. -0.01 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:228 Resp: 34583

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.1	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5N3DL

Manual Integrations APPROVED
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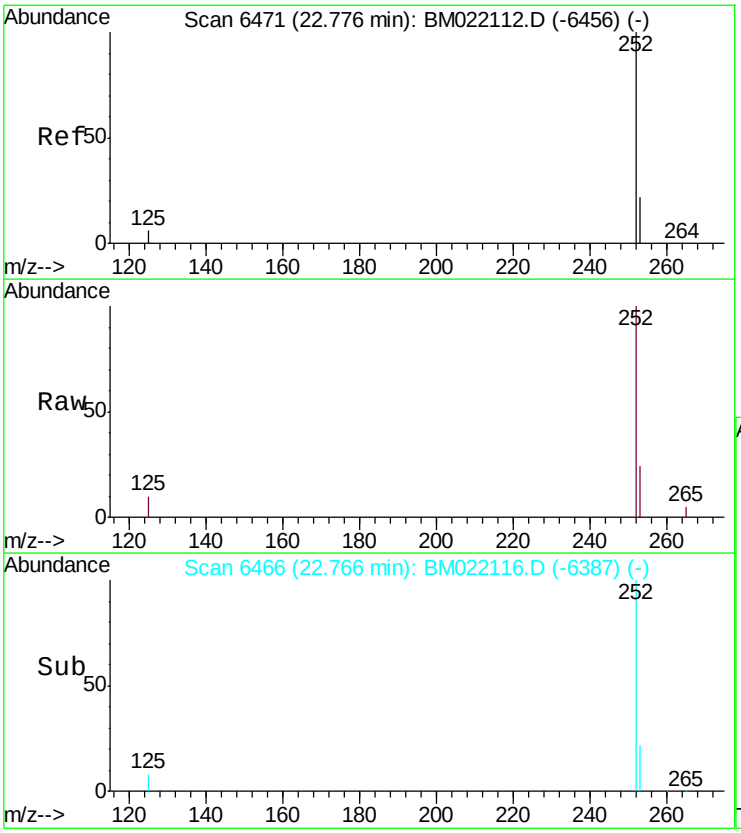
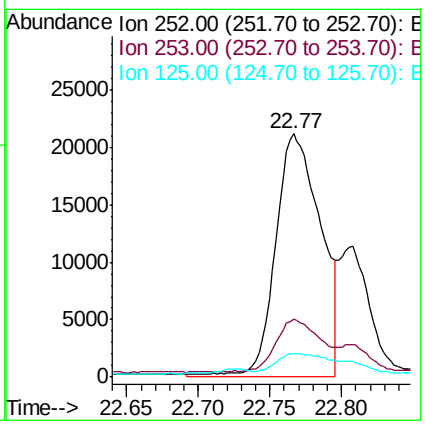
8/15/2019 5:09:33 PM

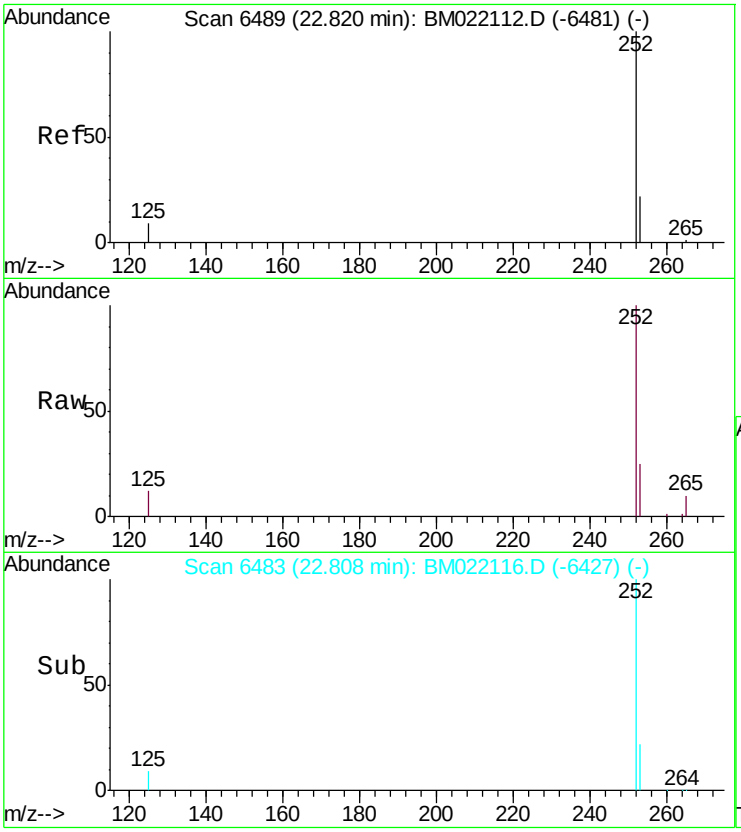


#21
Benzo(b)fluoranthene
Concen: 3.105 ng/ul m
RT: 22.77 min Scan# 6466
Delta R.T. -0.01 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:252 Resp: 46757

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	67.4
125	9.6	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 0.954 ng/ul m
RT: 22.81 min Scan# 6483
Delta R.T. -0.01 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:252 Resp: 16262

Ion	Ratio	Lower	Upper
252	100		
253	24.8	27.0	40.4#
125	11.9	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
CB5N3DL

Manual Integrations APPROVED
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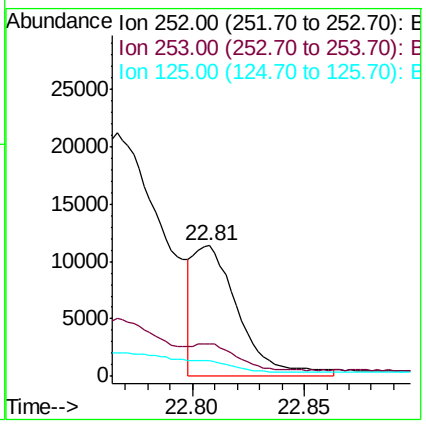
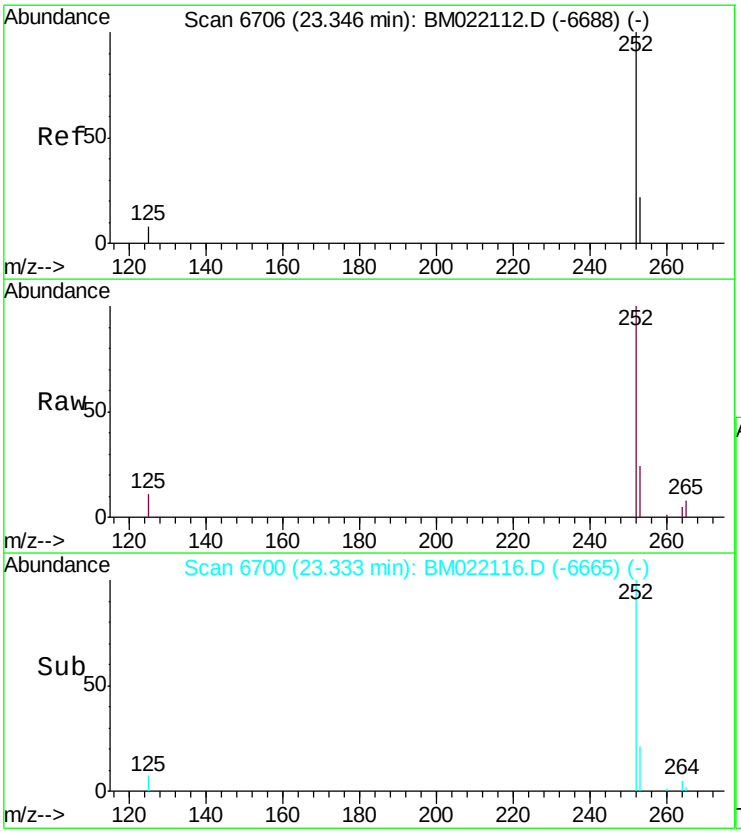
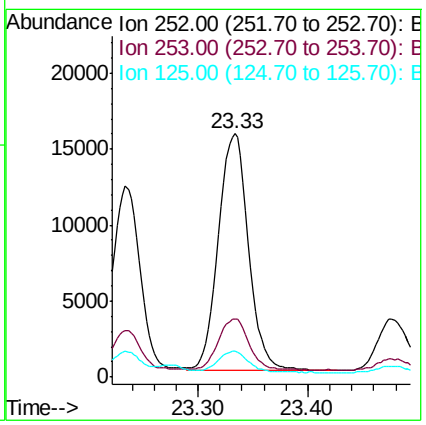


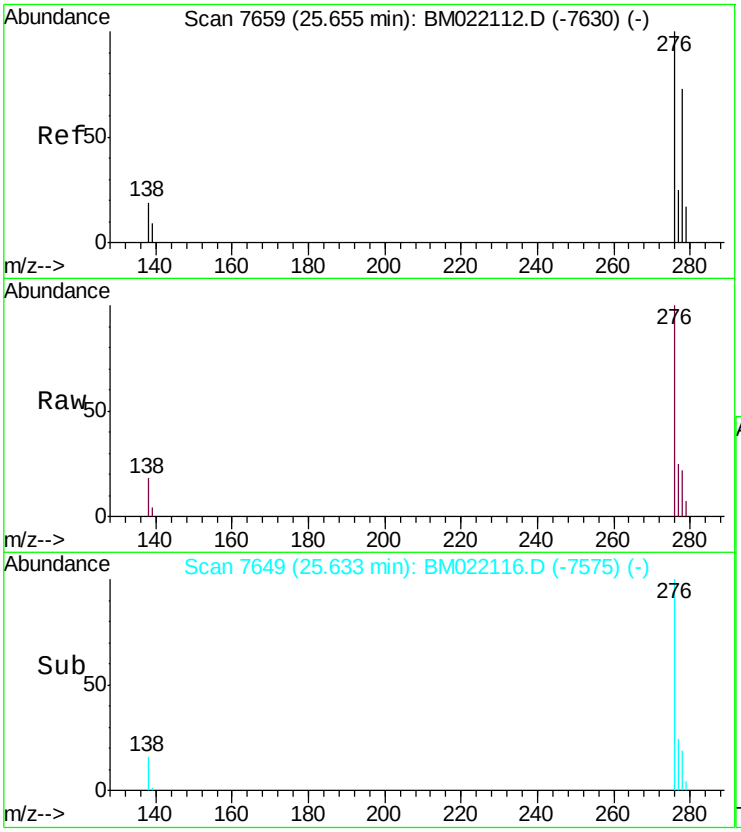


#23
Benzo(a)pyrene
Concen: 1.946 ng/ul
RT: 23.33 min Scan# 6700
Delta R.T. -0.01 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:252 Resp: 29802

Ion	Ratio	Lower	Upper
252	100		
253	24.0	31.7	47.5#
125	10.5	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.173 ng/ul
RT: 25.63 min Scan# 7649
Delta R.T. -0.02 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:276 Resp: 21443

Ion	Ratio	Lower	Upper
276	100		
138	16.1	15.1	22.7
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
CB5N3DL

Manual Integrations APPROVED
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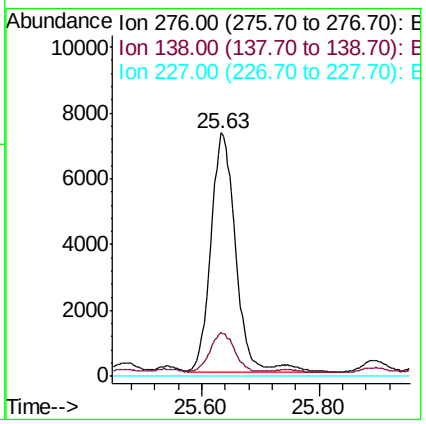
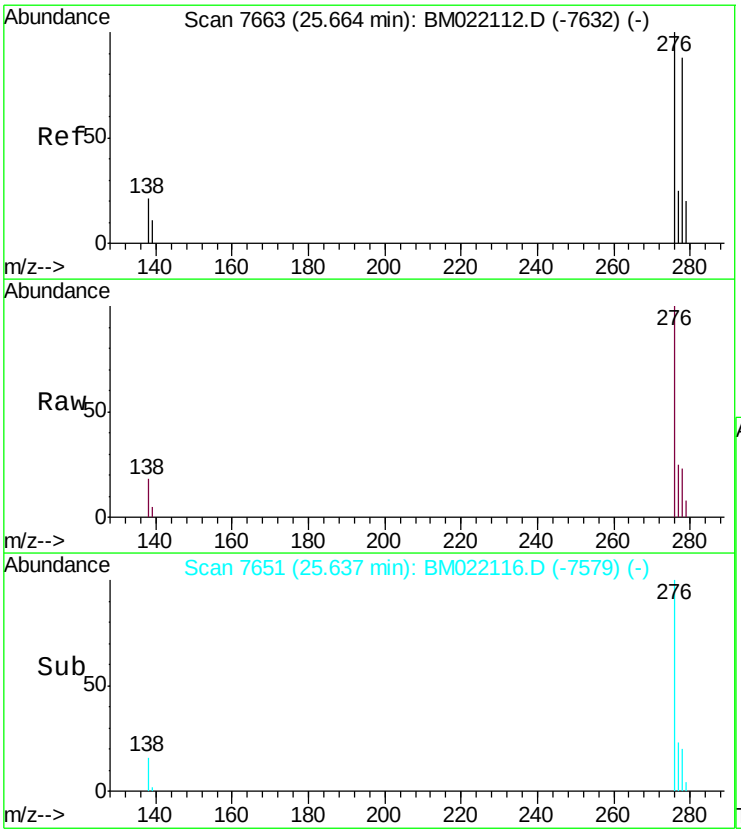
8/15/2019 5:09:33 PM

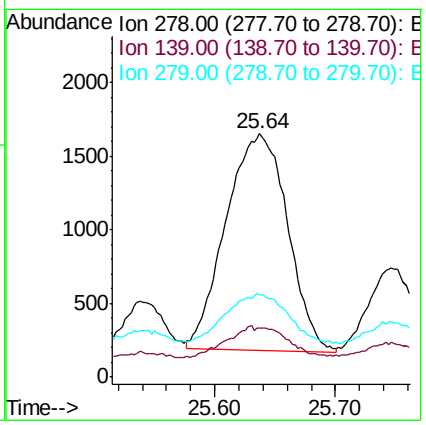


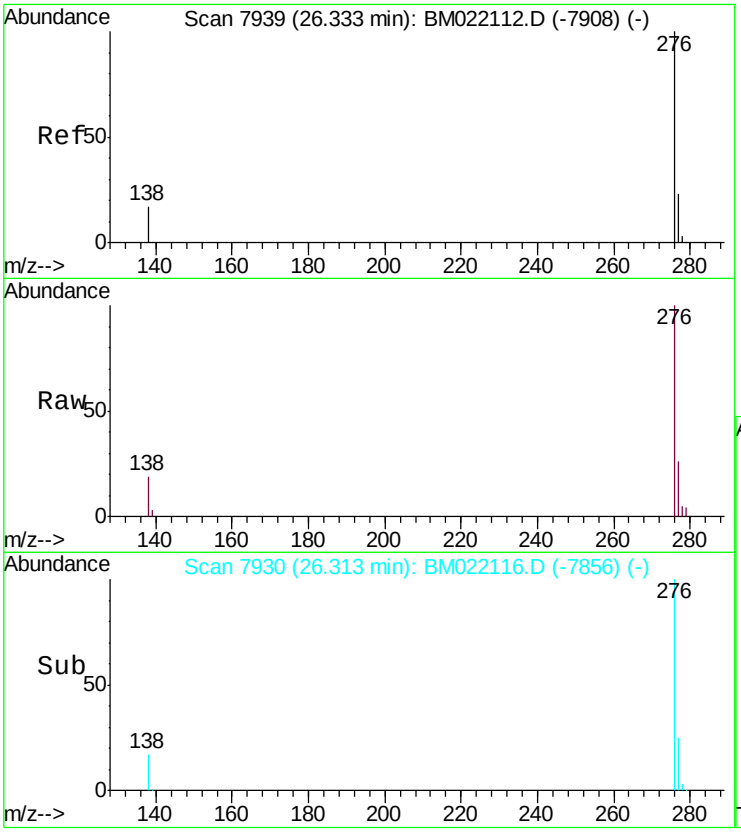


#25
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 25.64 min Scan# 7651
Delta R.T. -0.03 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:278 Resp: 5224

Ion	Ratio	Lower	Upper
278	100		
139	20.3	14.2	21.2
279	33.8	28.3	42.5

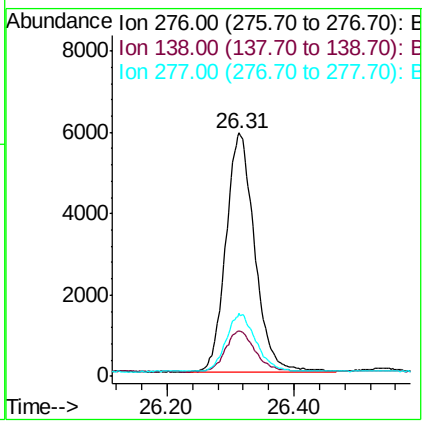




#26
Benzo(g,h,i)perylene
Concen: 1.123 ng/ul
RT: 26.31 min Scan# 7930
Delta R.T. -0.02 min
Lab File: BM022116.D
Acq: 14 Aug 2019 20:02

Tgt Ion:276 Resp: 18486

Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.5	23.3
277	26.0	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
CB5N3DL

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:33 PM