Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022055.D
Acq On : 13 Aug 2019 05:57
Operator : HP/JU
Sample : K4041-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENW6

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:33 AM

Quant Time: Aug 13 09:31:03 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 : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	937	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	3805	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	2003	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4810m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	4644m	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4993m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1140	0.18	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	3235m	0.20	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.43	128	1924	0.179	ng/ul	100
5) 2-Methylnaphthalene	12.07	142	1104	0.154	ng/ul	99
7) Acenaphthylene	13.98	152	6139	0.657	ng/ul#	82
8) Acenaphthene	14.32	153	1430	0.187	ng/ul	96
9) Fluorene	15.32	166	2028	0.239	ng/ul	99
12) Phenanthrene	17.06	178	42166m	3.013	ng/ul	
13) Anthracene	17.15	178	11742m	0.984	ng/ul	
15) Fluoranthene	19.08	202	114030m	6.082	ng/ul	
17) Pyrene	19.45	202	132188	6.927	ng/ul	99
18) Benzo(a)anthracene	21.20	228	84508m	5.087	ng/ul	
19) Chrysene	21.26	228	86405	4.045	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	103923m	6.172	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	38309m	2.011	ng/ul	
23) Benzo(a)pyrene	23.33	252	83148m	4.856	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.63	276	51047m	2.497	ng/ul	
25) Dibenzo(a,h)anthracene	25.63	278	15370m	0.930	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	52456m	2.850	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022055.D
Acq On : 13 Aug 2019 05:57
Operator : HP/JU
Sample : K4041-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 13 09:31:03 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 : Tue Aug 13 08:25:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENW6

Manual Integrations APPROVED
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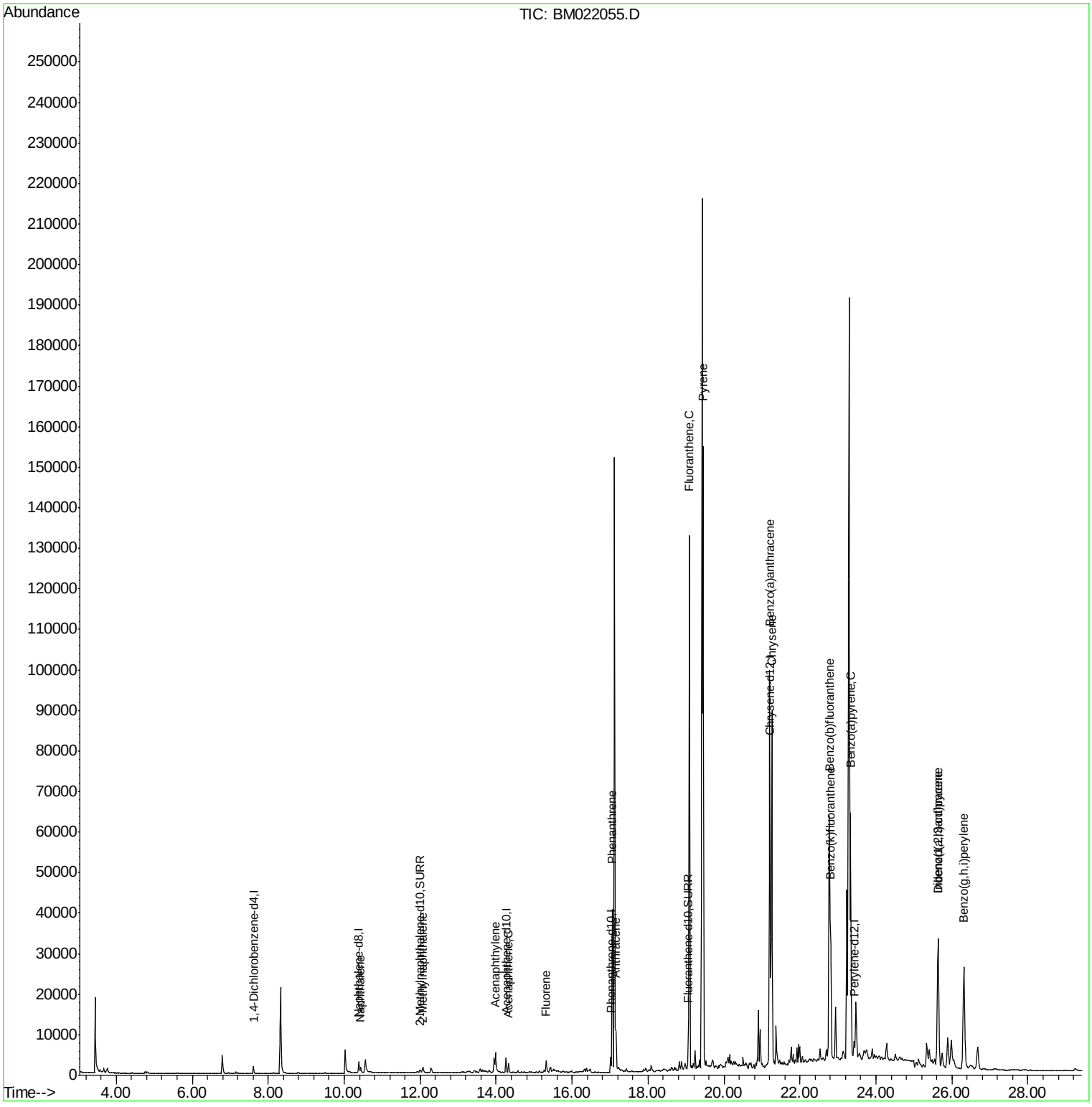
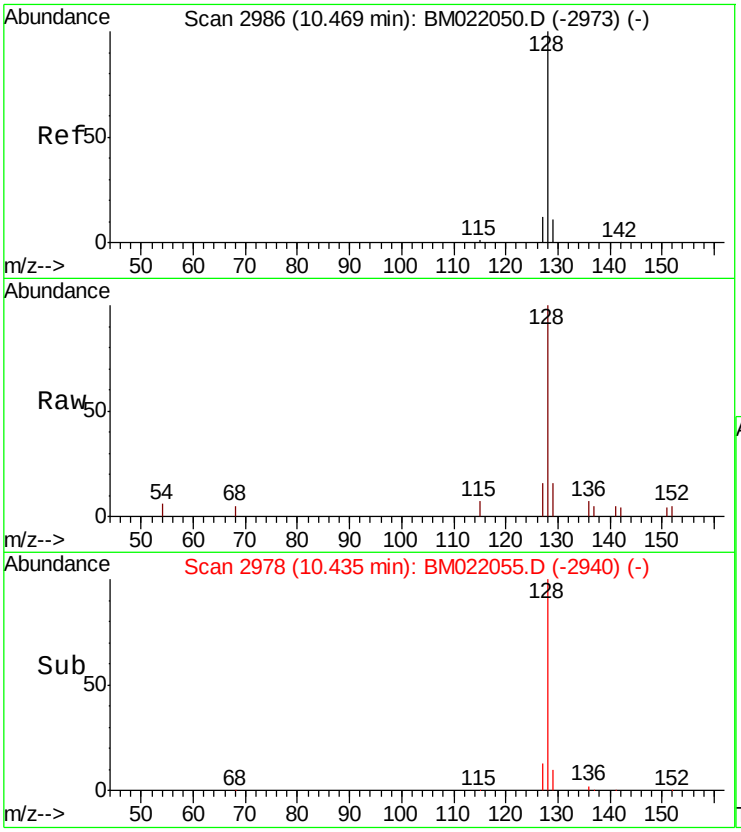
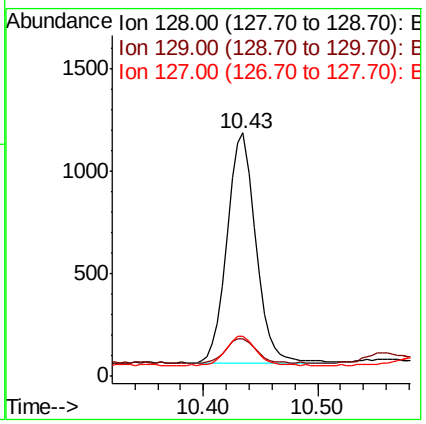




#3
Naphthalene
Concen: 0.179 ng/ul
RT: 10.43 min Scan# 2978
Delta R.T. -0.03 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:128 Resp: 1924

Ion	Ratio	Lower	Upper
128	100		
129	15.6	12.3	18.5
127	16.3	13.0	19.6



Instrument :
BNA_M
ClientSampleId :
BENW6

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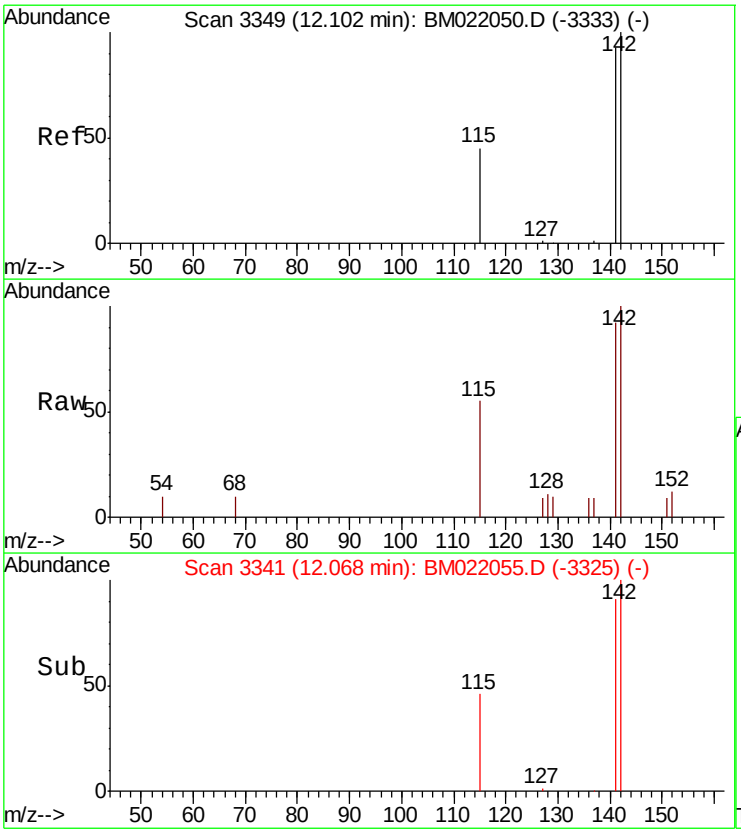
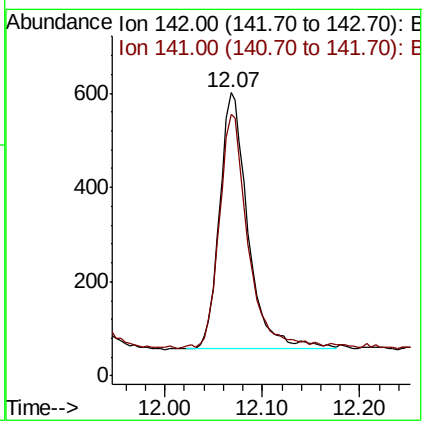
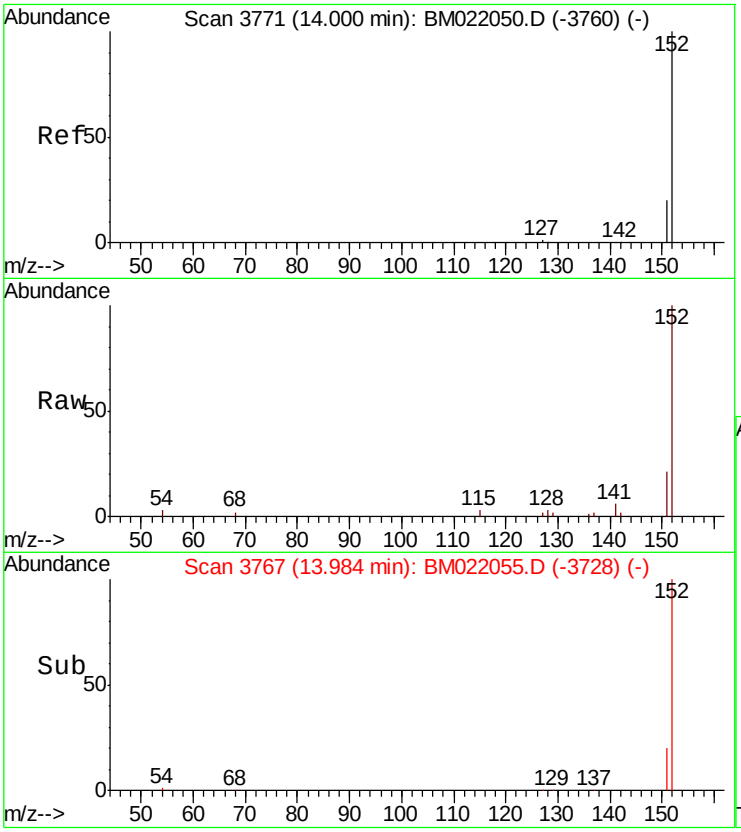


#5
2-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.07 min Scan# 3341
Delta R.T. -0.03 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:142 Resp: 1104

Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.3	111.5





#7
Acenaphthylene
Concen: 0.657 ng/ul
RT: 13.98 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:152 Resp: 6139

Ion	Ratio	Lower	Upper
152	100		
151	21.2	18.3	27.5
153	0.0	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
BENW6

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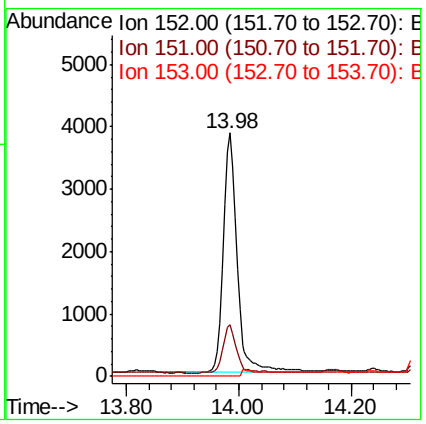
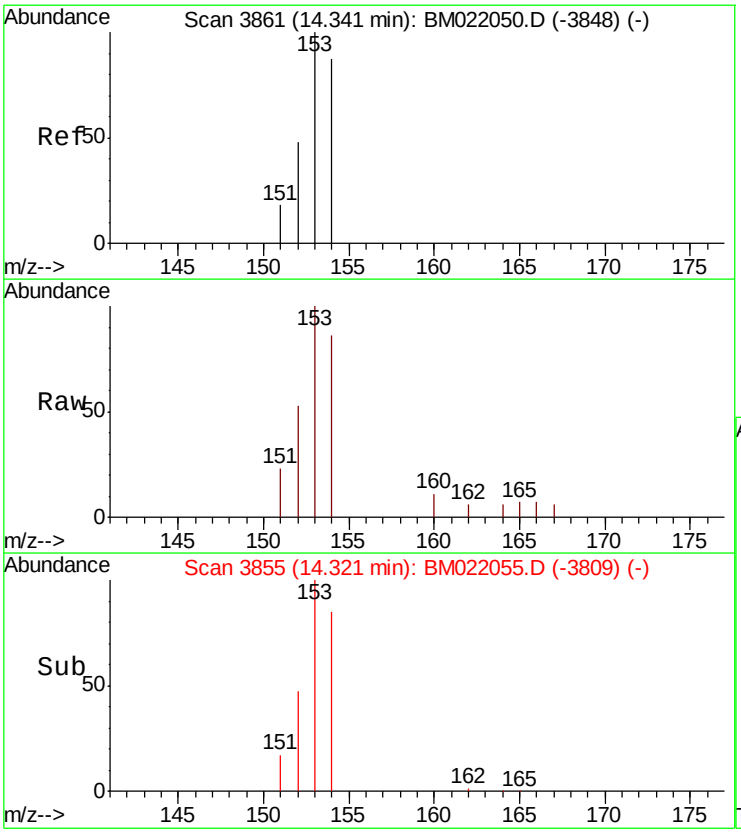
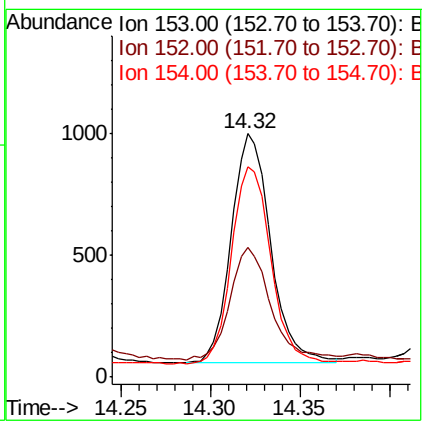


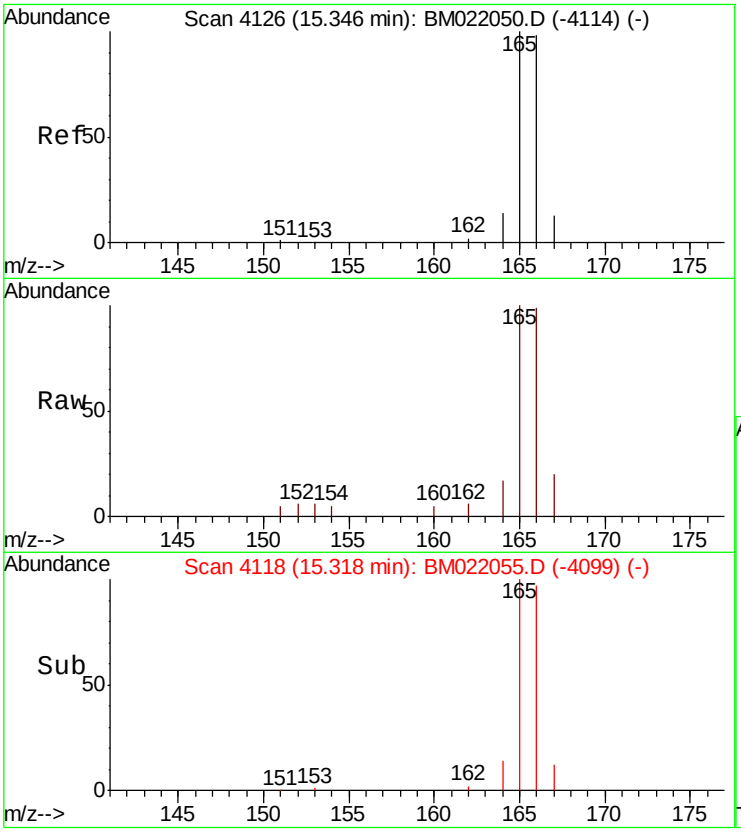


#8
Acenaphthene
Concen: 0.187 ng/ul
RT: 14.32 min Scan# 3855
Delta R.T. -0.02 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:153 Resp: 1430

Ion	Ratio	Lower	Upper
153	100		
152	53.0	41.3	61.9
154	86.3	72.3	108.5

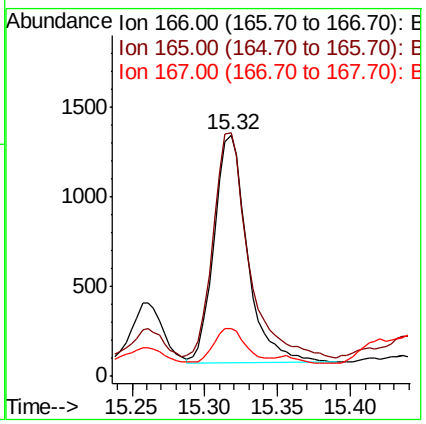




#9
Fluorene
Concen: 0.239 ng/ul
RT: 15.32 min Scan# 4118
Delta R.T. -0.03 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:166 Resp: 2028

Ion	Ratio	Lower	Upper
166	100		
165	101.0	81.4	122.0
167	19.8	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
BENW6

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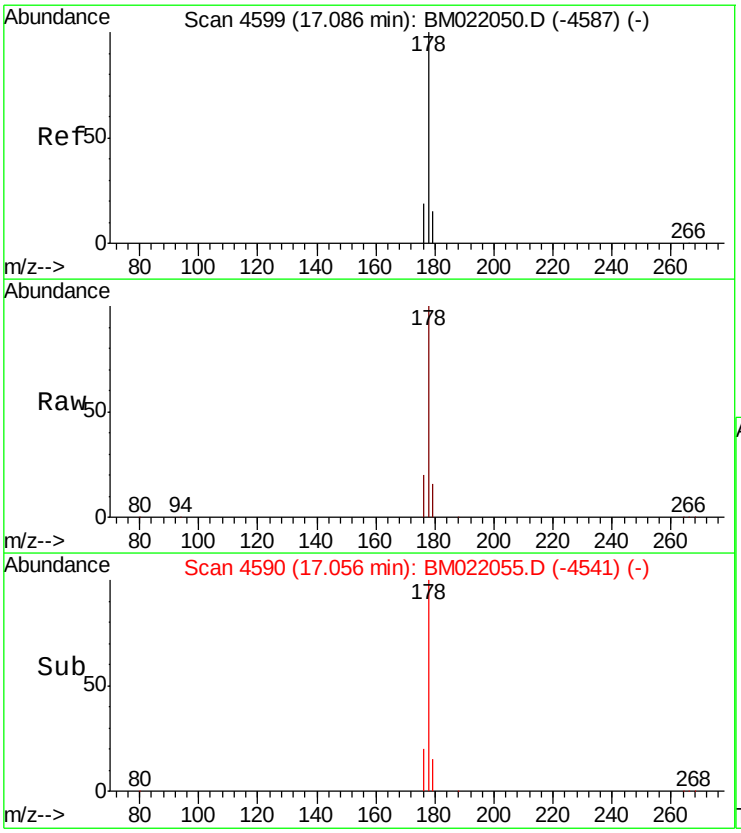
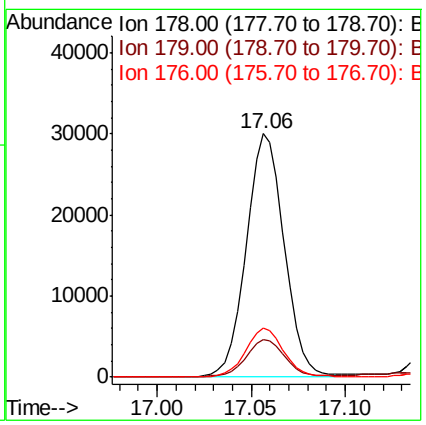
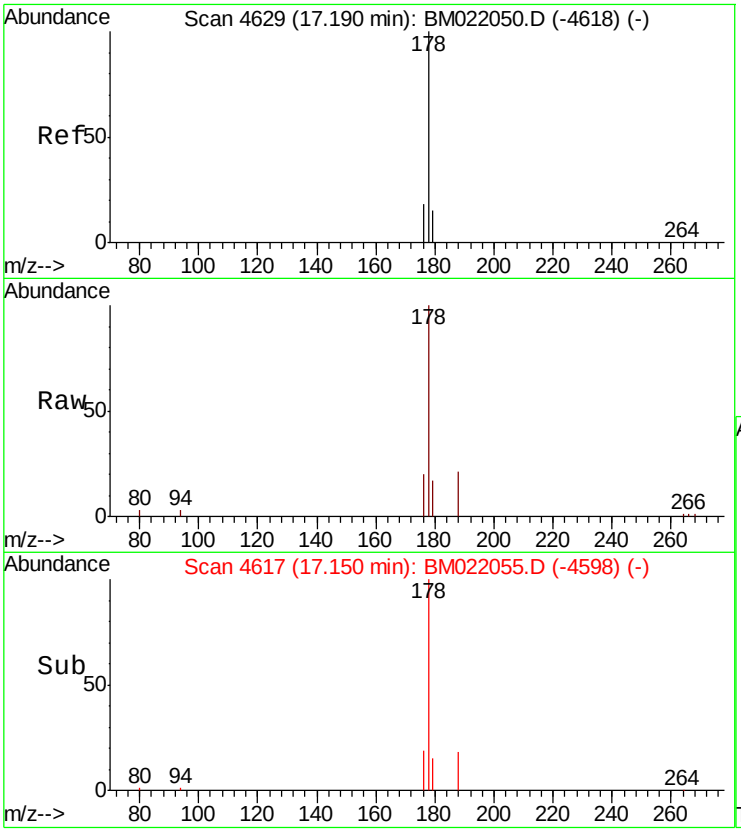


#12
Phenanthrene
Concen: 3.013 ng/ul m
RT: 17.06 min Scan# 4590
Delta R.T. -0.03 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:178 Resp: 42166

Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.2	21.2
176	19.9	16.8	25.2

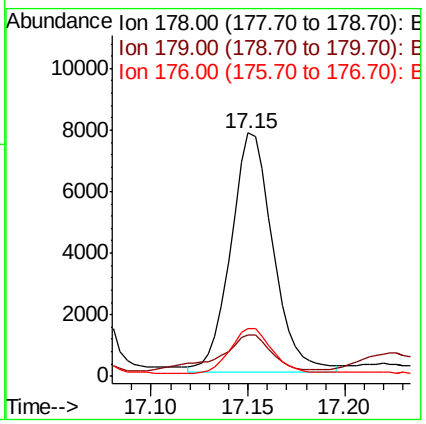




#13
Anthracene
Concen: 0.984 ng/ul m
RT: 17.15 min Scan# 4617
Delta R.T. -0.03 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:178 Resp: 11742

Ion	Ratio	Lower	Upper
178	100		
179	17.0	15.5	23.3
176	19.8	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENW6

Manual Integrations APPROVED
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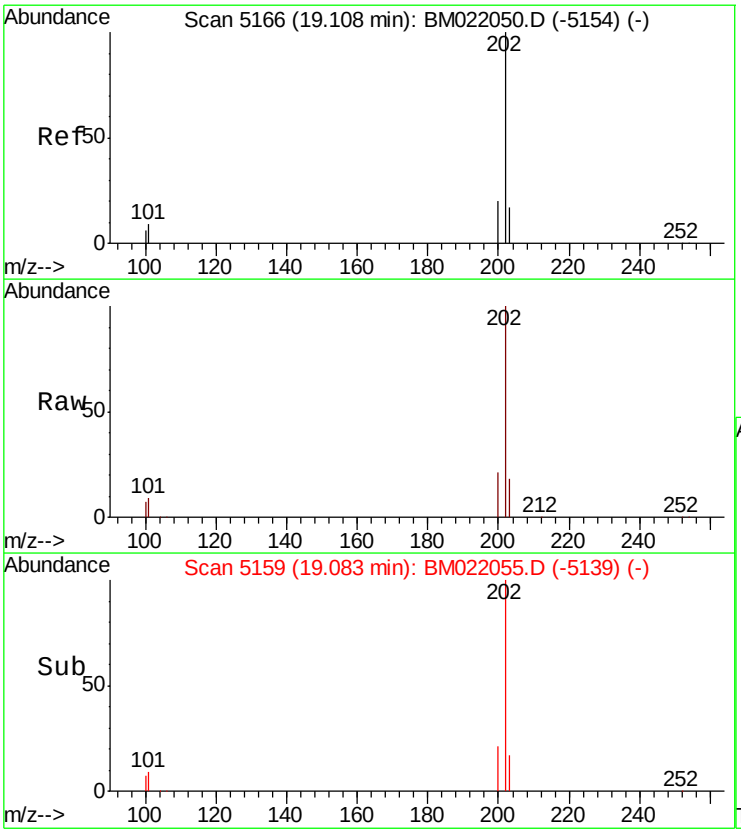
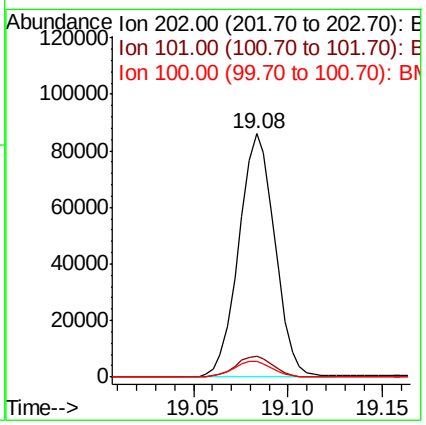
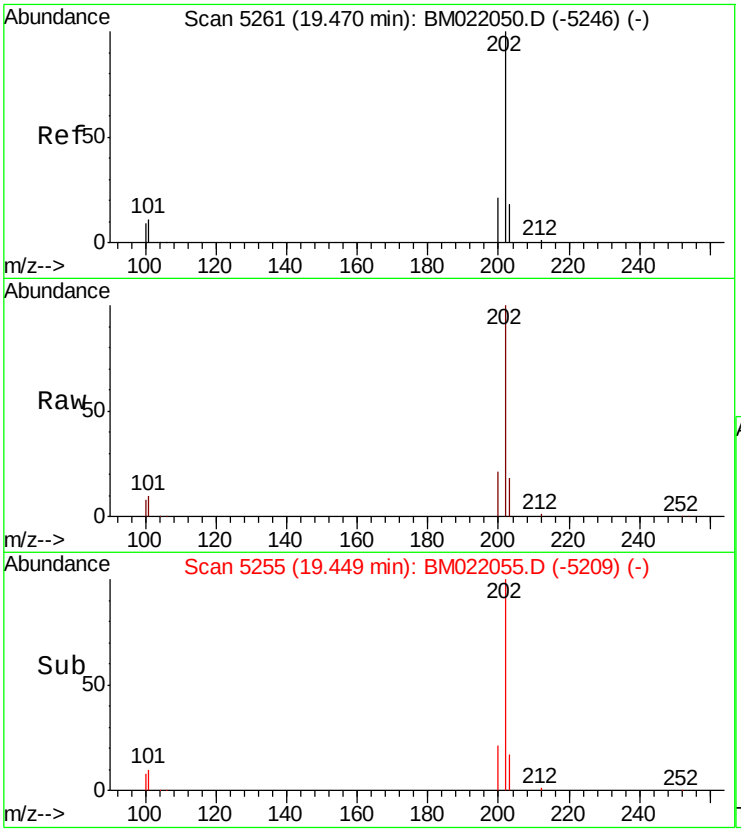


#15
Fluoranthene
Concen: 6.082 ng/ul m
RT: 19.08 min Scan# 5159
Delta R.T. -0.02 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:202 Resp: 114030

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.2
100	6.7	0.0	28.1

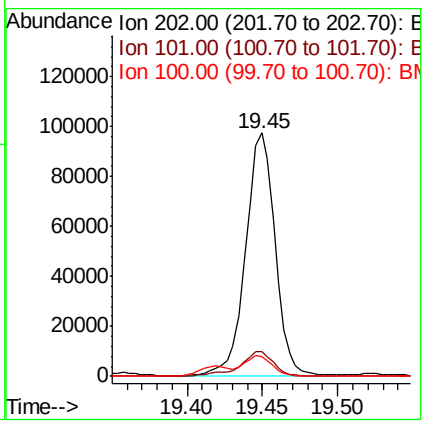




#17
Pyrene
Concen: 6.927 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.02 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:202 Resp: 132188

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.3	12.5
100	8.3	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
BENW6

Manual Integrations APPROVED
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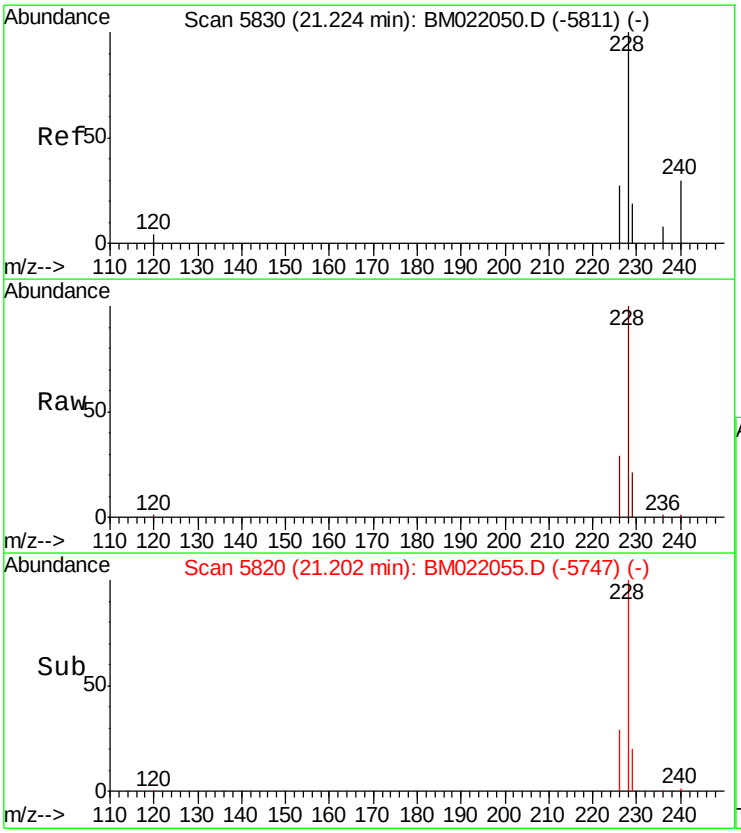
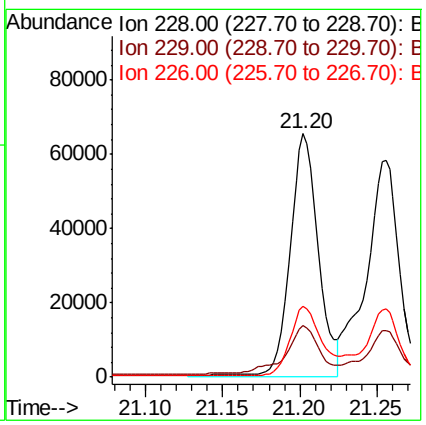
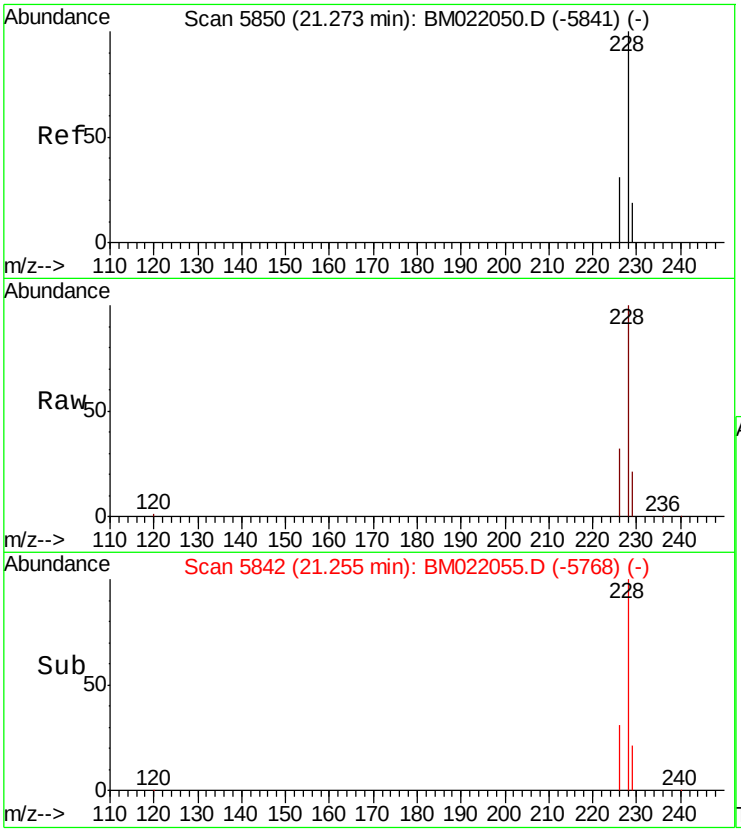


#18
Benzo(a)anthracene
Concen: 5.087 ng/ul m
RT: 21.20 min Scan# 5820
Delta R.T. -0.02 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:228 Resp: 84508

Ion	Ratio	Lower	Upper
228	100		
229	21.2	17.2	25.8
226	29.0	22.6	34.0

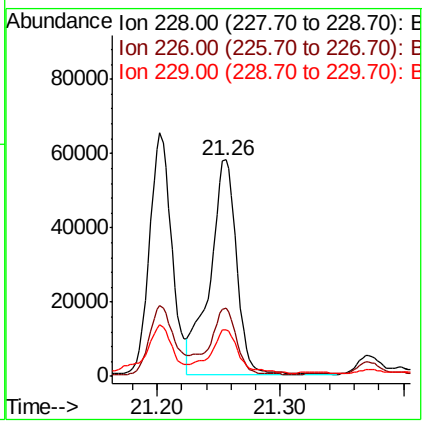




#19
Chrysene
Concen: 4.045 ng/ul
RT: 21.26 min Scan# 5842
Delta R.T. -0.02 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:228 Resp: 86405

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.5	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
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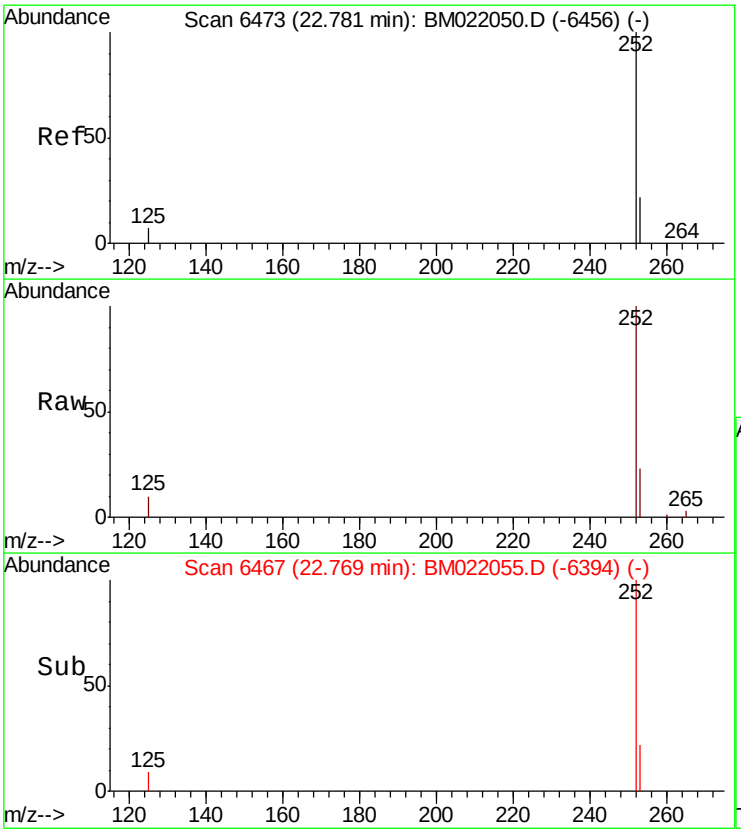
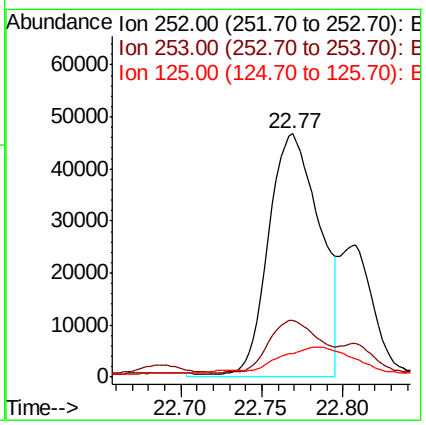
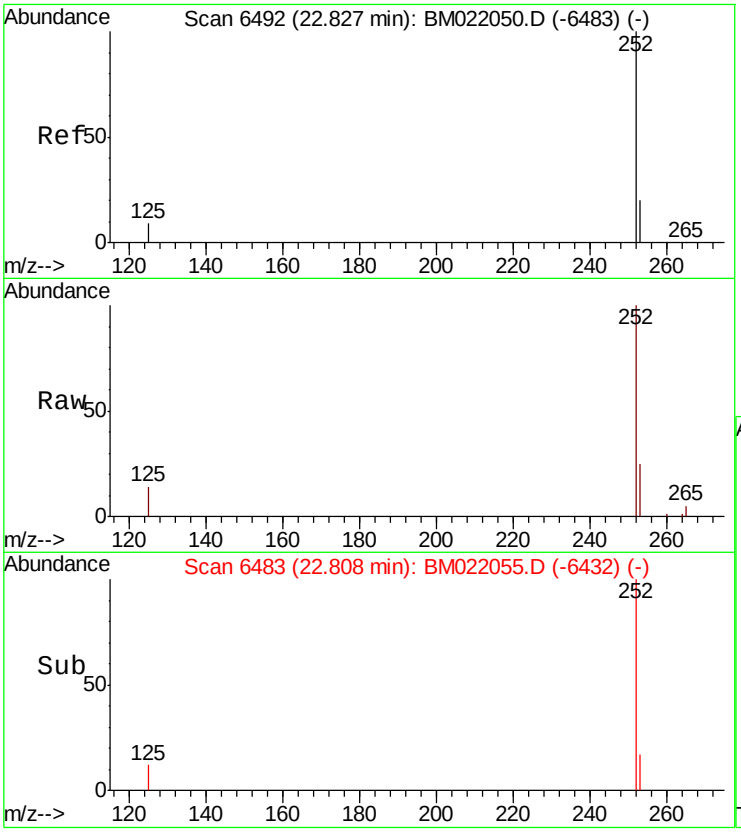


#21
Benzo(b)fluoranthene
Concen: 6.172 ng/ul m
RT: 22.77 min Scan# 6467
Delta R.T. -0.02 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:252 Resp: 103923

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	67.4
125	9.8	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 2.011 ng/ul m
RT: 22.81 min Scan# 6483
Delta R.T. -0.03 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:252 Resp: 38309

Ion	Ratio	Lower	Upper
252	100		
253	25.1	27.0	40.4#
125	14.0	12.2	18.2

Instrument :
BNA_M
ClientSampleId :
BENW6

Manual Integrations APPROVED
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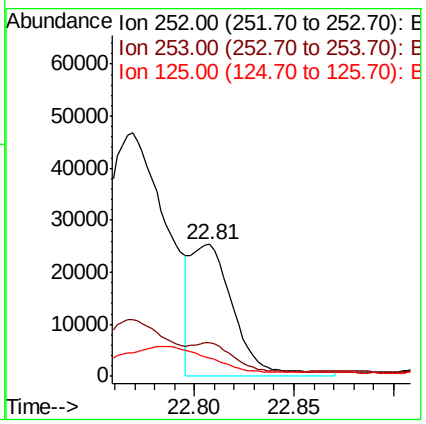
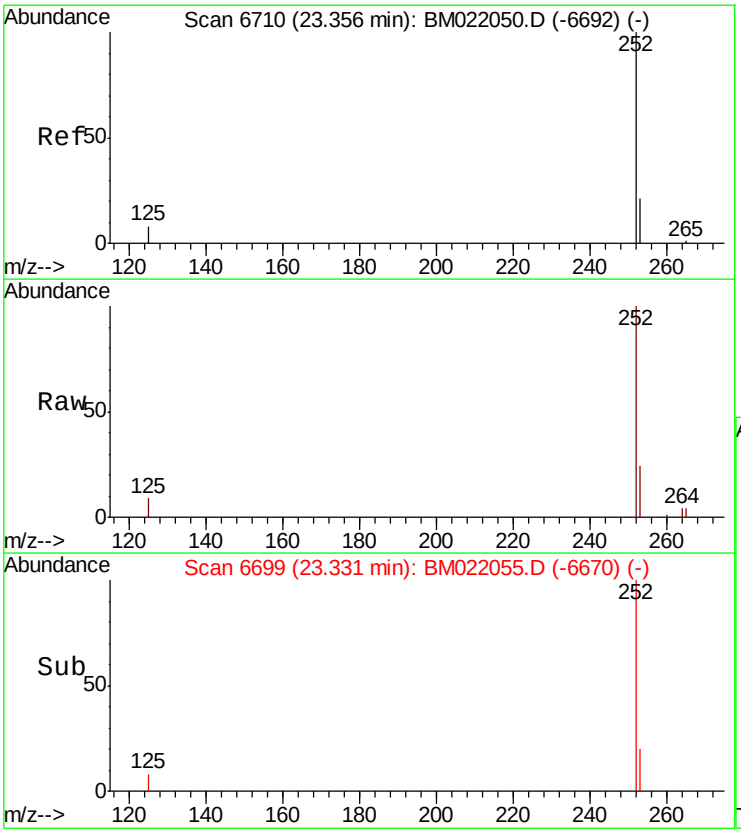
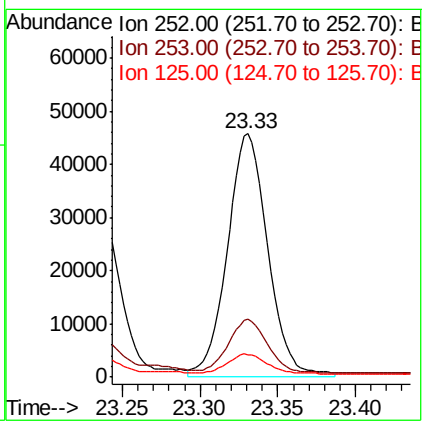


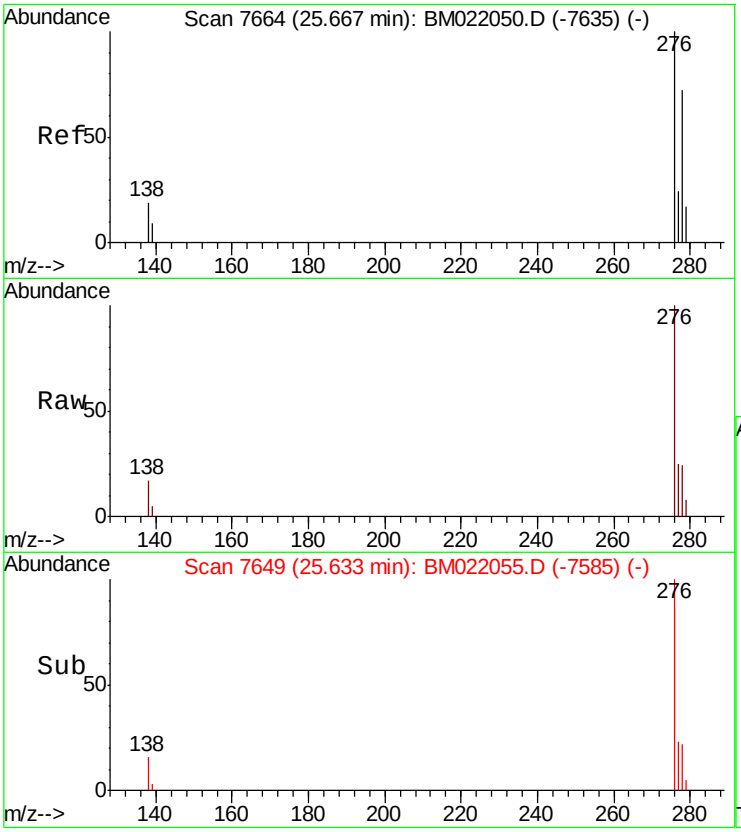


#23
Benzo(a)pyrene
Concen: 4.856 ng/ul m
RT: 23.33 min Scan# 6699
Delta R.T. -0.03 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:252 Resp: 83148

Ion	Ratio	Lower	Upper
252	100		
253	23.6	31.7	47.5#
125	9.3	14.6	21.8#

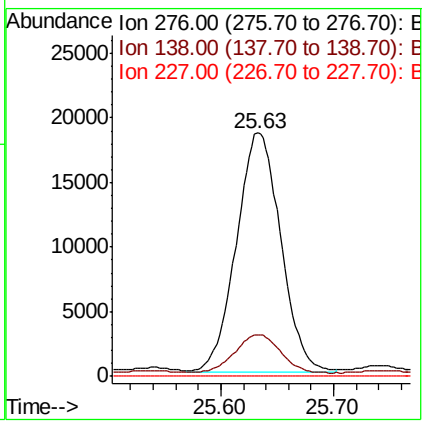




#24
Indeno(1,2,3-cd)pyrene
Concen: 2.497 ng/ul m
RT: 25.63 min Scan# 7649
Delta R.T. -0.04 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:276 Resp: 51047

Ion	Ratio	Lower	Upper
276	100		
138	2.4	15.1	22.7#
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BENW6

Manual Integrations APPROVED
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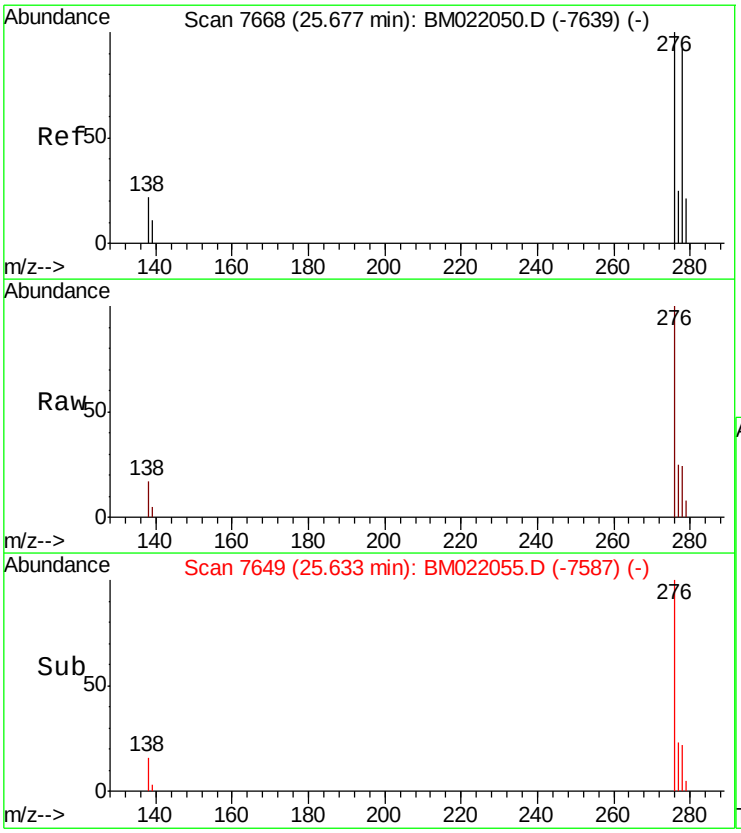
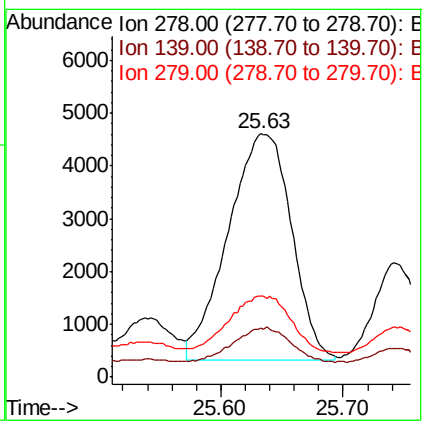
8/14/2019 2:48:33 AM

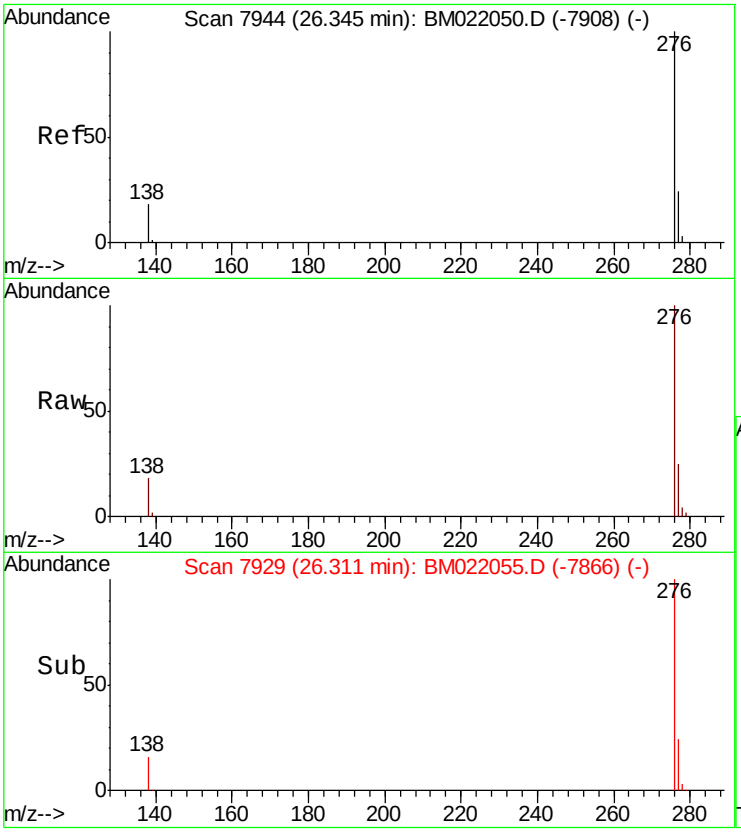


#25
Dibenzo(a,h)anthracene
Concen: 0.930 ng/ul m
RT: 25.63 min Scan# 7649
Delta R.T. -0.05 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:278 Resp: 15370

Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.2	21.2
279	33.1	28.3	42.5

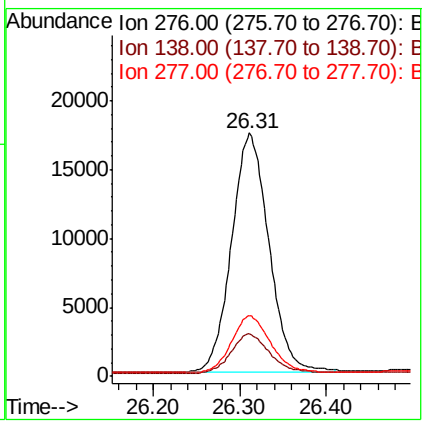




#26
Benzo(g,h,i)perylene
Concen: 2.850 ng/ul m
RT: 26.31 min Scan# 7929
Delta R.T. -0.05 min
Lab File: BM022055.D
Acq: 13 Aug 2019 05:57

Tgt Ion:276 Resp: 52456

Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.5	23.3
277	25.0	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENW6

Manual Integrations APPROVED
mohammad
8/14/2019 2:48:33 AM