Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Quant Time: Aug 05 08:33:18 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 : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A52F5

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	891	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3609	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2163	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	5478m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	5494m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5860	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1059	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.07	212	3824m	0.21	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.46	128	1858	0.182	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	962	0.142	ng/ul	92
7) Acenaphthylene	14.01	152	6687	0.663	ng/ul	96
8) Acenaphthene	14.35	153	13420	1.626	ng/ul	95
9) Fluorene	15.34	166	18216	1.987	ng/ul	97
12) Phenanthrene	17.08	178	355115m	22.279	ng/ul	
13) Anthracene	17.17	178	56418m	4.149	ng/ul	
15) Fluoranthene	19.11	202	664891m	31.140	ng/ul	
17) Pyrene	19.47	202	519077	22.992	ng/ul	96
18) Benzo(a)anthracene	21.22	228	258841m	13.171	ng/ul	
19) Chrysene	21.28	228	283639	11.223	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	366240m	18.534	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	123977m	5.544	ng/ul	
23) Benzo(a)pyrene	23.36	252	237163	11.802	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.67	276	168513	7.023	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.67	278	42051	2.168	ng/ul	95
26) Benzo(g,h,i)perylene	26.36	276	162194	7.508	ng/ul#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021826.D
Acq On : 05 Aug 2019 00:30
Operator : HP/JU
Sample : K3863-15
Misc :
ALS Vial : 69 Sample Multiplier: 1

Quant Time: Aug 05 08:33:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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BNA_M
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Manual Integrations APPROVED
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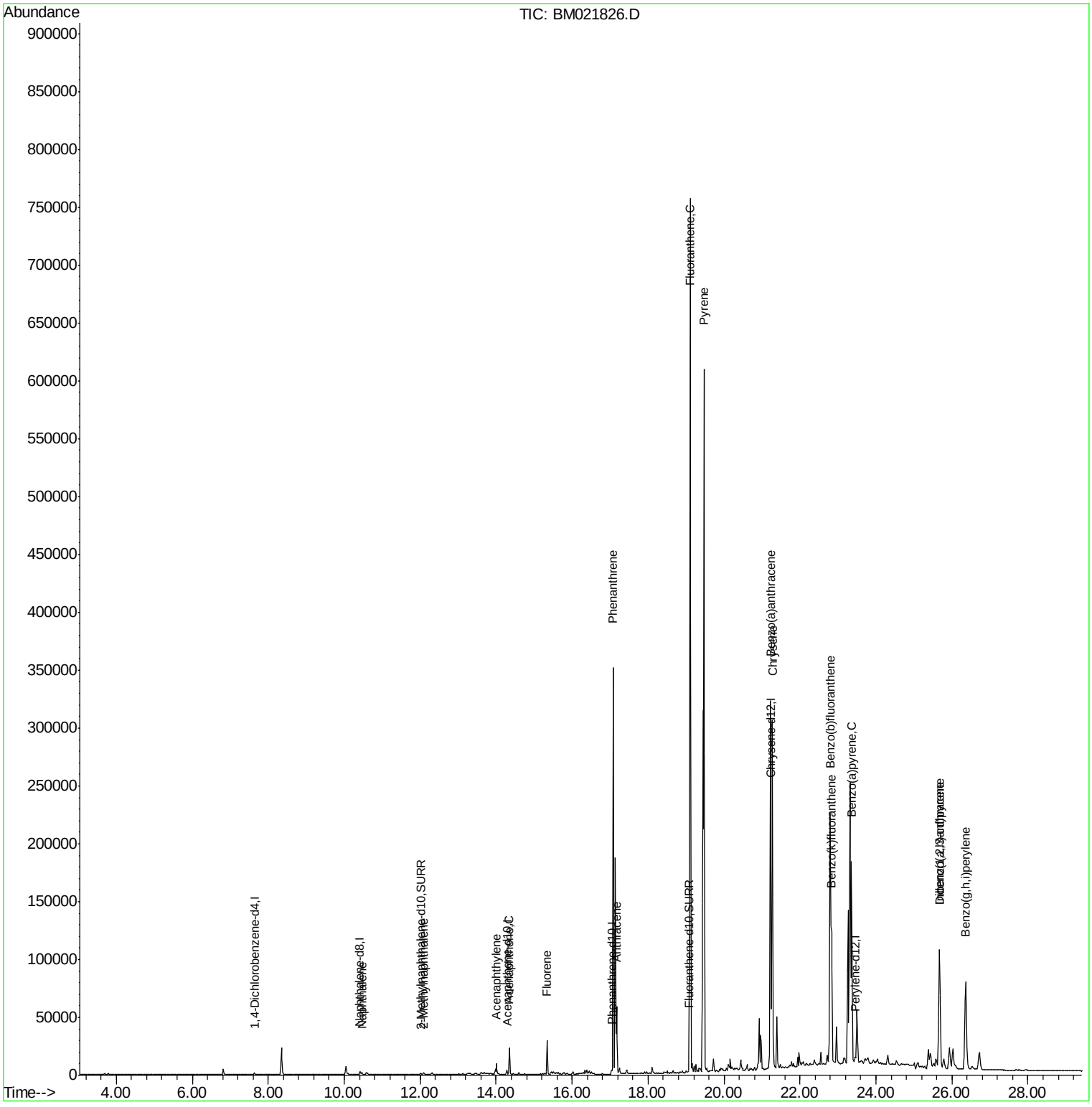
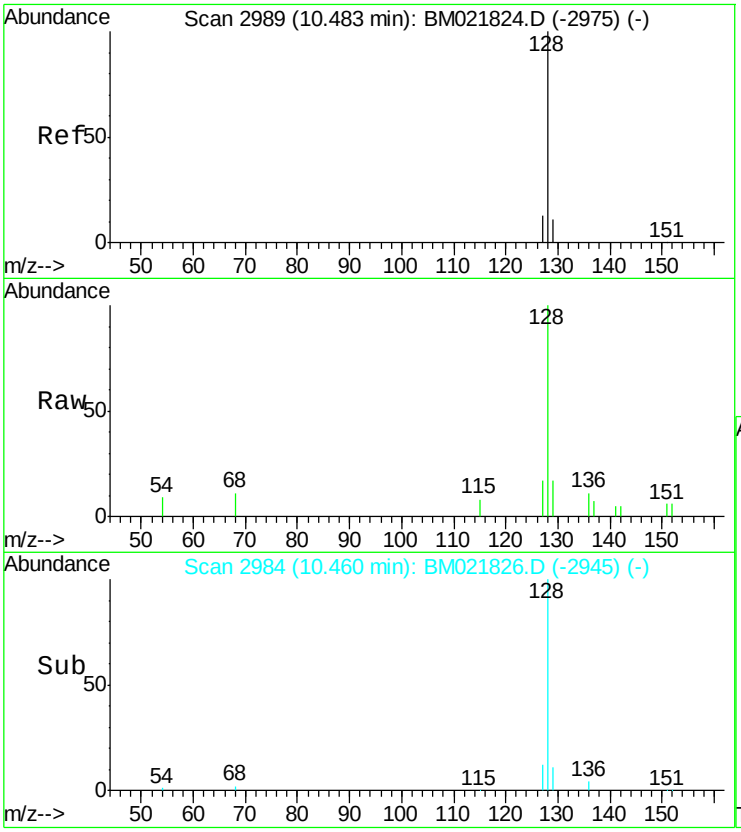
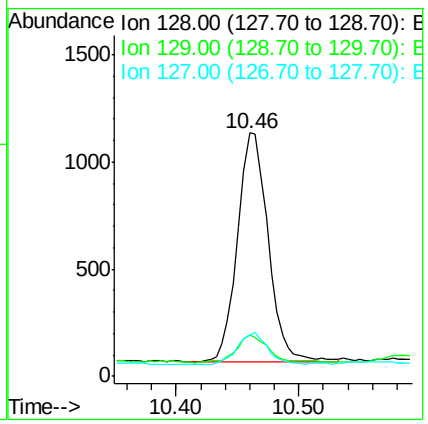




#3
Naphthalene
Concen: 0.182 ng/ul
RT: 10.46 min Scan# 2984
Delta R.T. -0.02 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:128 Resp: 1858

Ion	Ratio	Lower	Upper
128	100		
129	16.8	12.3	18.5
127	16.8	13.0	19.6



Instrument :
BNA_M
ClientSampleId :
A52F5

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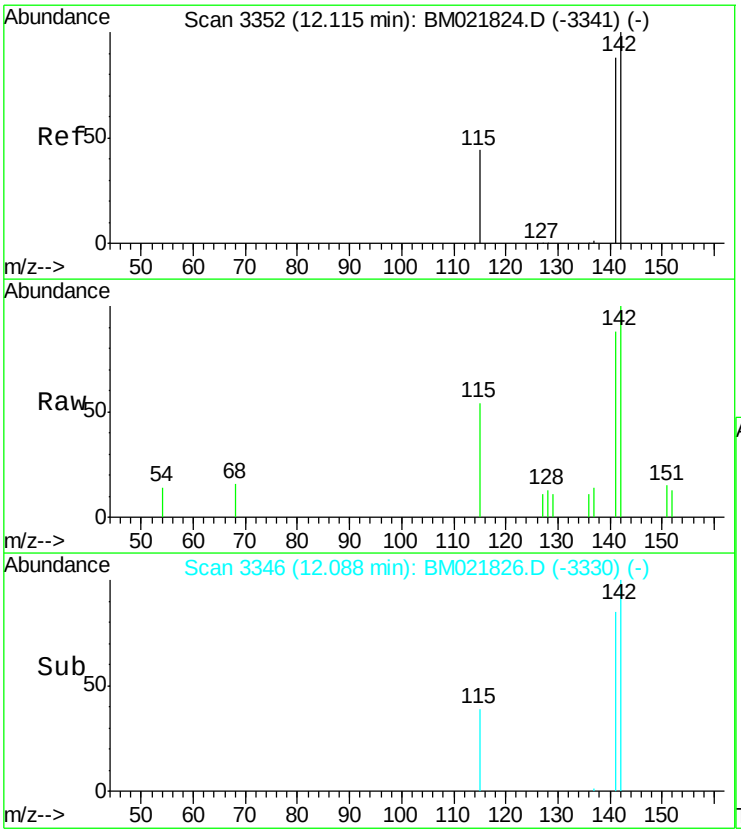
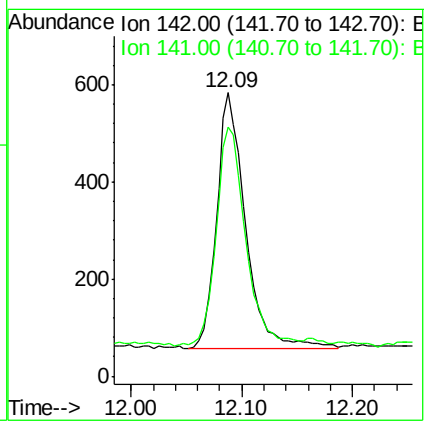
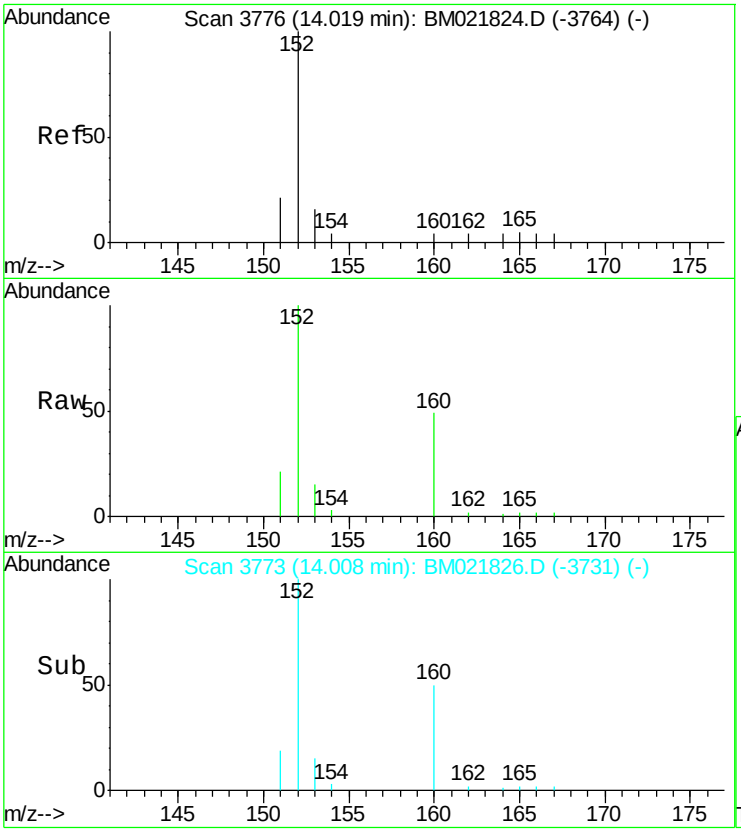


#5
2-Methylnaphthalene
Concen: 0.142 ng/ul
RT: 12.09 min Scan# 3346
Delta R.T. -0.03 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:142 Resp: 962

Ion	Ratio	Lower	Upper
142	100		
141	85.0	74.3	111.5

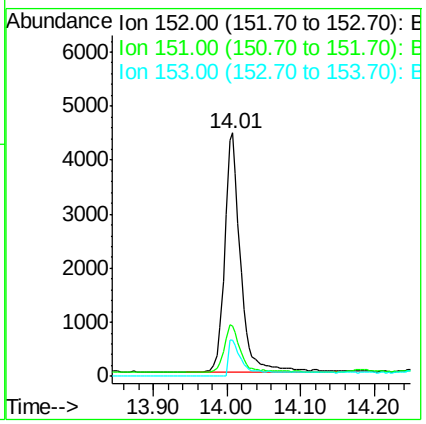




#7
Acenaphthylene
Concen: 0.663 ng/ul
RT: 14.01 min Scan# 3773
Delta R.T. -0.01 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:152 Resp: 6687

Ion	Ratio	Lower	Upper
152	100		
151	20.6	18.3	27.5
153	15.1	12.8	19.2



Instrument :
BNA_M
ClientSampleId :
A52F5

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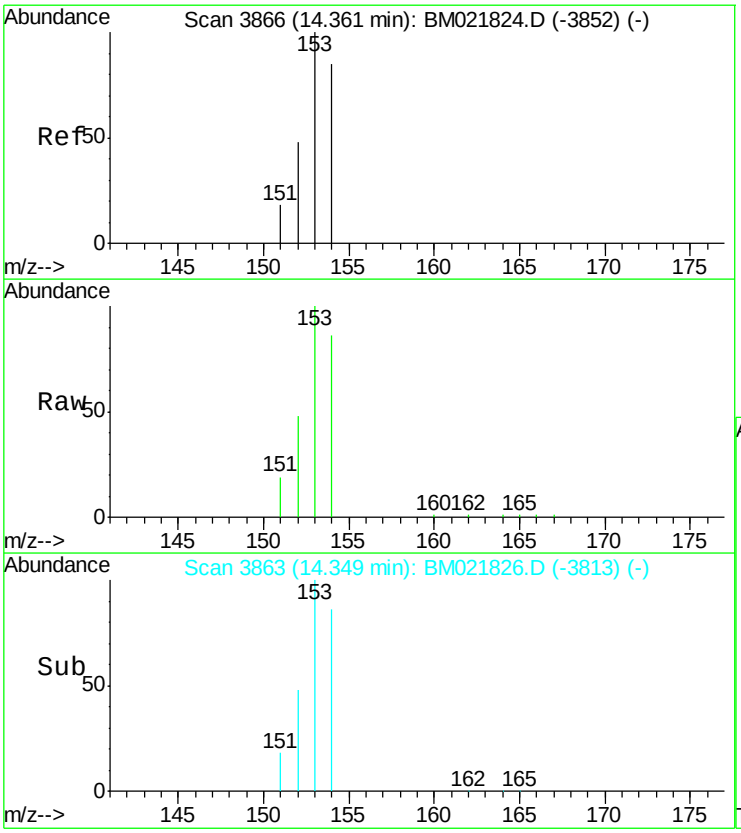
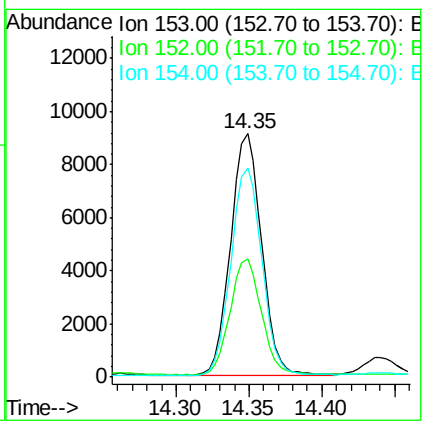
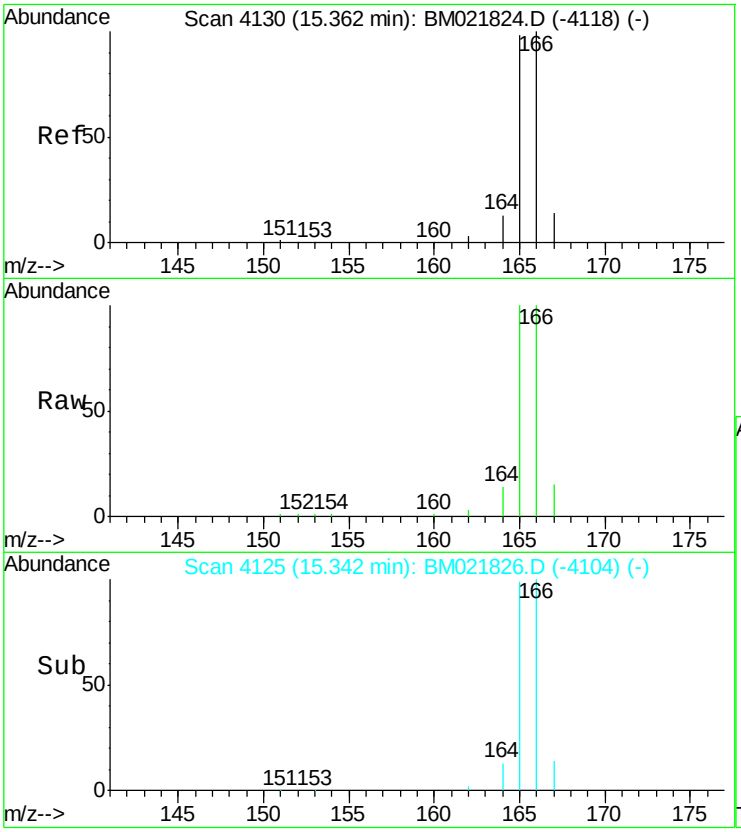


#8
Acenaphthene
Concen: 1.626 ng/ul
RT: 14.35 min Scan# 3863
Delta R.T. -0.01 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:153 Resp: 13420

Ion	Ratio	Lower	Upper
153	100		
152	48.4	41.3	61.9
154	85.9	72.3	108.5

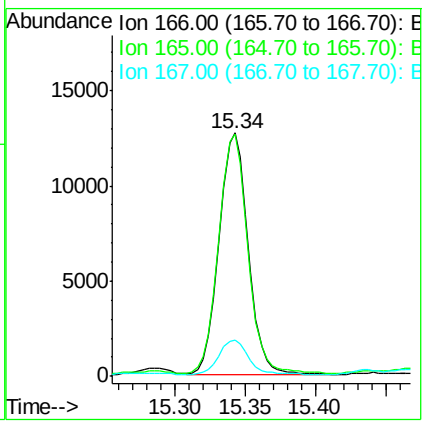




#9
Fluorene
Concen: 1.987 ng/ul
RT: 15.34 min Scan# 4125
Delta R.T. -0.02 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:166 Resp: 18216

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.4	122.0
167	15.0	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
A52F5

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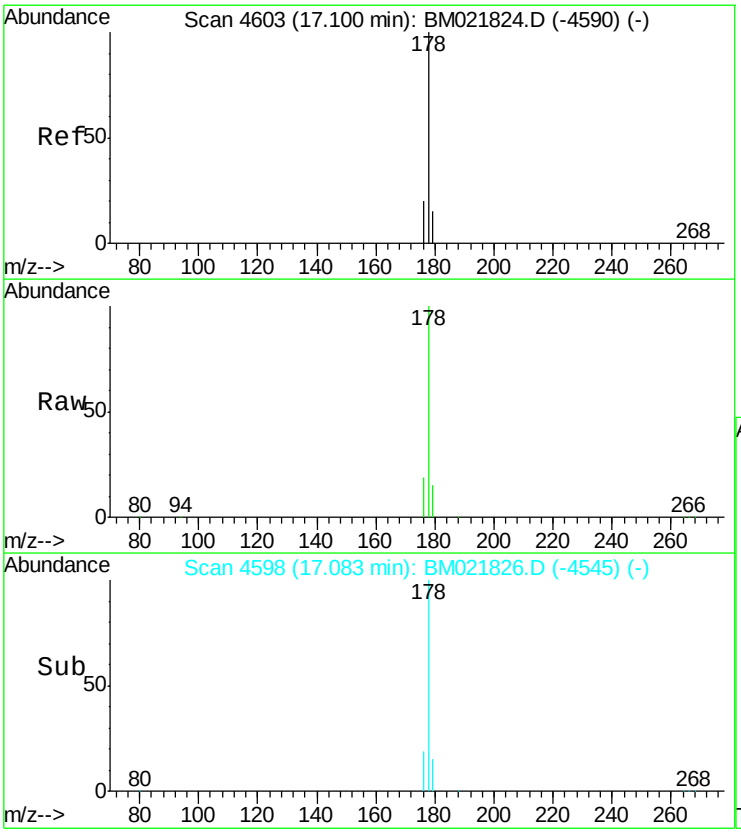
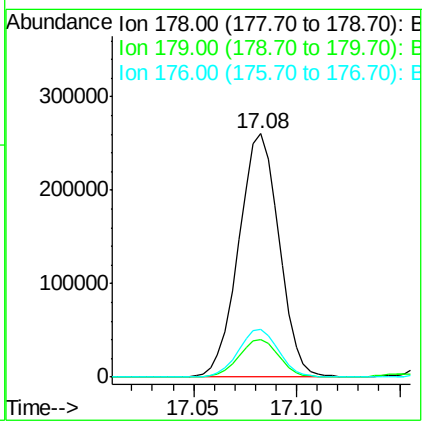
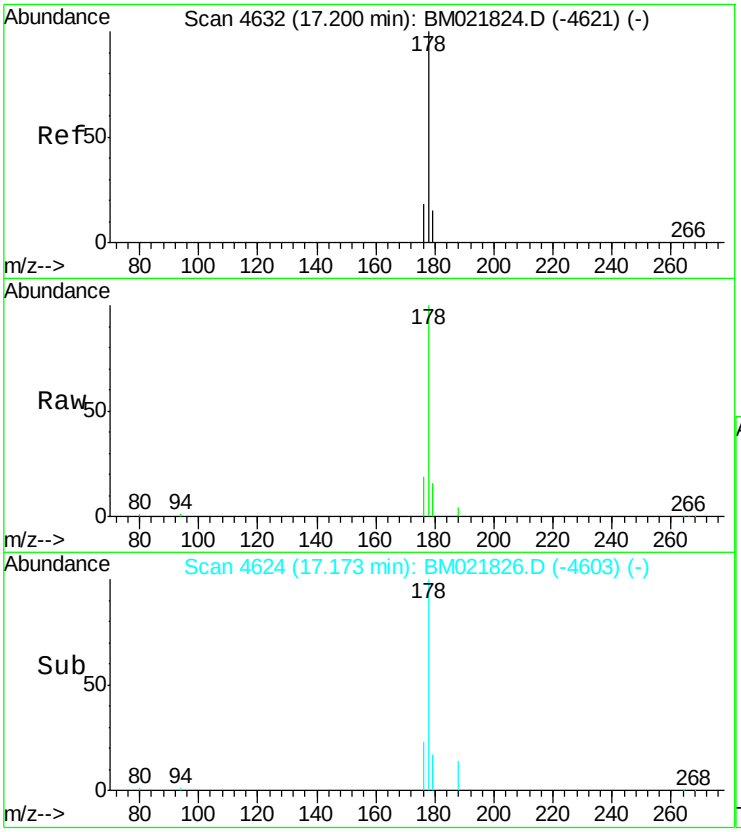


#12
Phenanthrene
Concen: 22.279 ng/ul m
RT: 17.08 min Scan# 4598
Delta R.T. -0.02 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:178 Resp: 355115

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.4	16.8	25.2

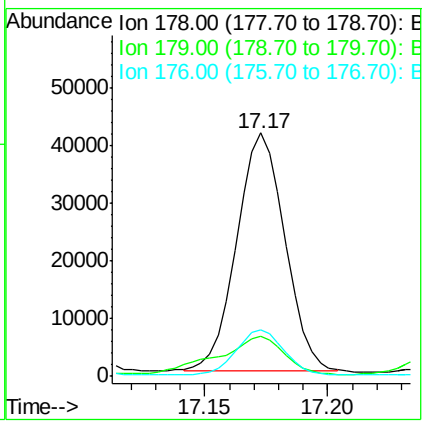




#13
Anthracene
Concen: 4.149 ng/ul m
RT: 17.17 min Scan# 4624
Delta R.T. -0.03 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:178 Resp: 56418

Ion	Ratio	Lower	Upper
178	100		
179	16.2	15.5	23.3
176	19.1	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
A52F5

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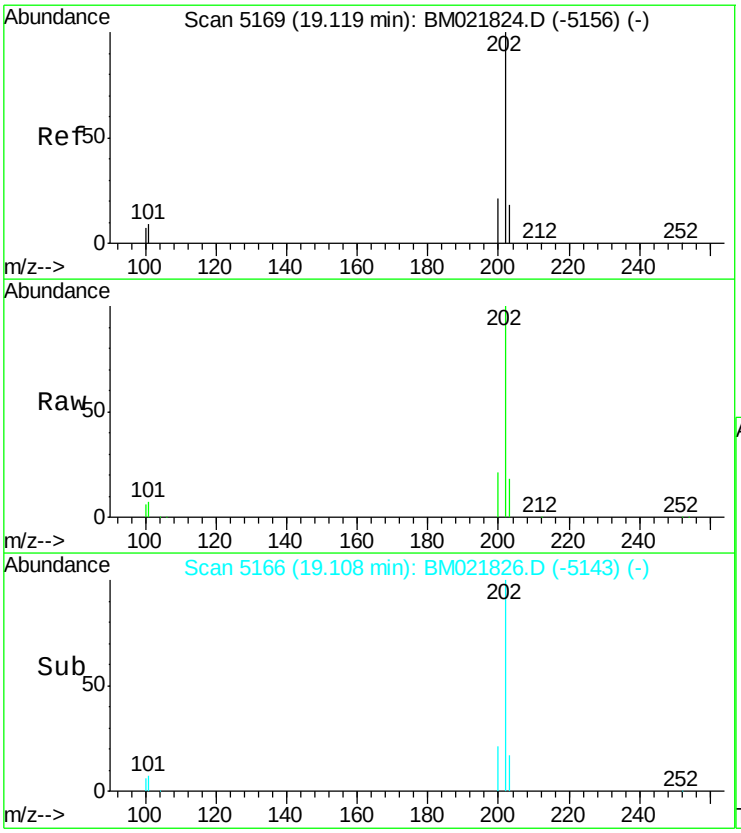
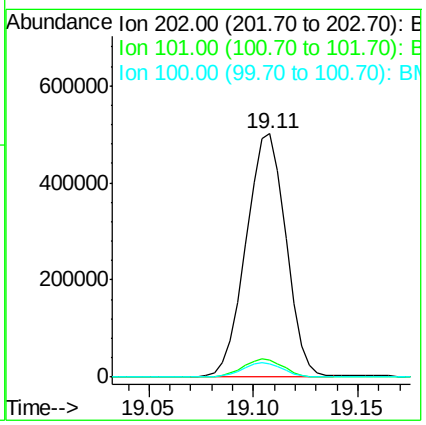
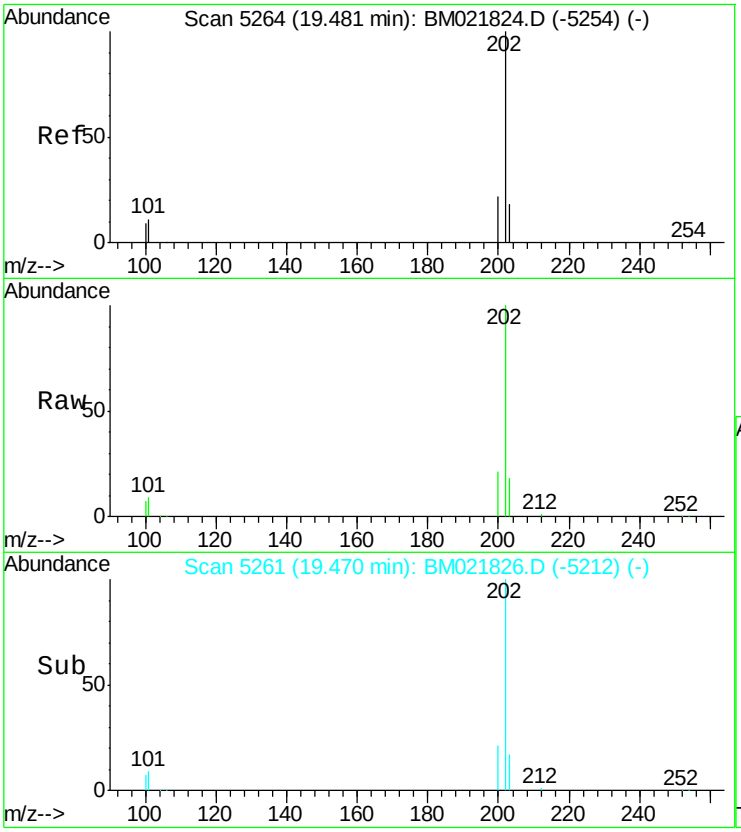


#15
Fluoranthene
Concen: 31.140 ng/ul m
RT: 19.11 min Scan# 5166
Delta R.T. -0.01 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:202 Resp: 664891

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	30.2
100	5.6	0.0	28.1

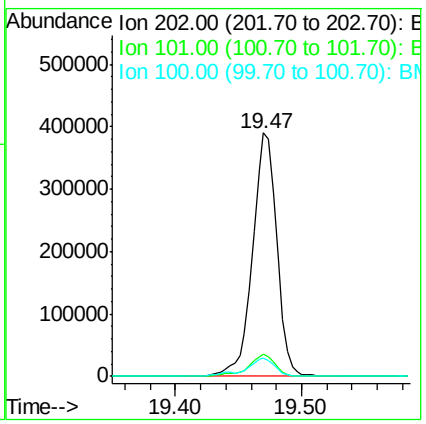




#17
Pyrene
Concen: 22.992 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. -0.01 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:202 Resp: 519077

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.3	12.5
100	7.5	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
A52F5

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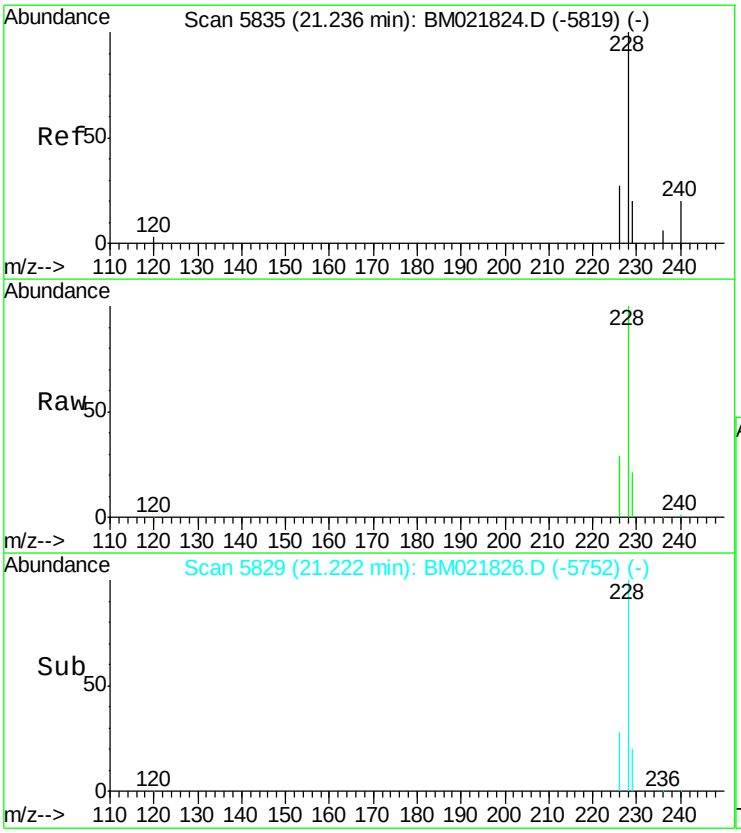
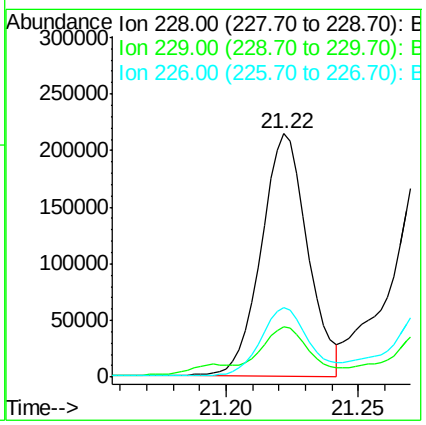
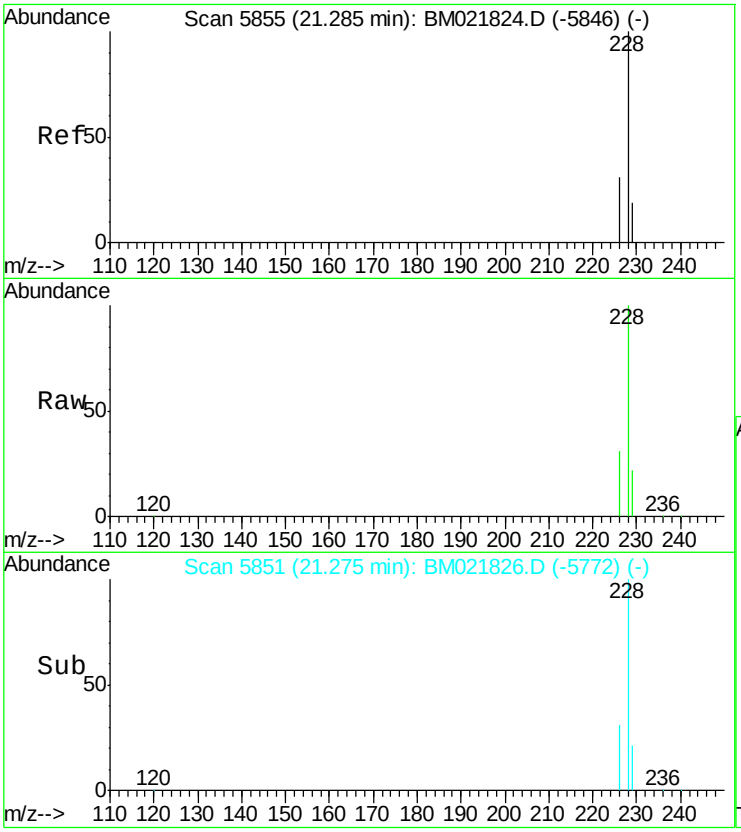


#18
Benzo(a)anthracene
Concen: 13.171 ng/ul m
RT: 21.22 min Scan# 5829
Delta R.T. -0.01 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:228 Resp: 258841

Ion	Ratio	Lower	Upper
228	100		
229	20.6	17.2	25.8
226	28.6	22.6	34.0





#19
Chrysene
Concen: 11.223 ng/ul
RT: 21.28 min Scan# 5851
Delta R.T. -0.01 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:228 Resp: 283639

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.9	16.6	25.0

Instrument :
BNA_M
ClientSampleId :
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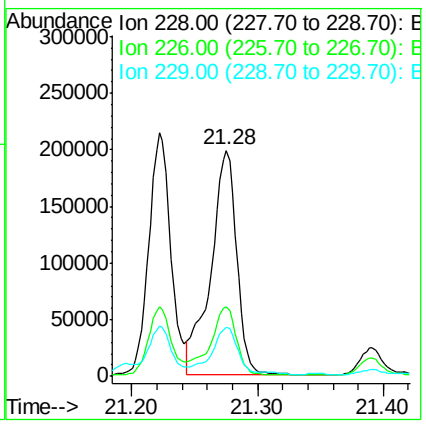
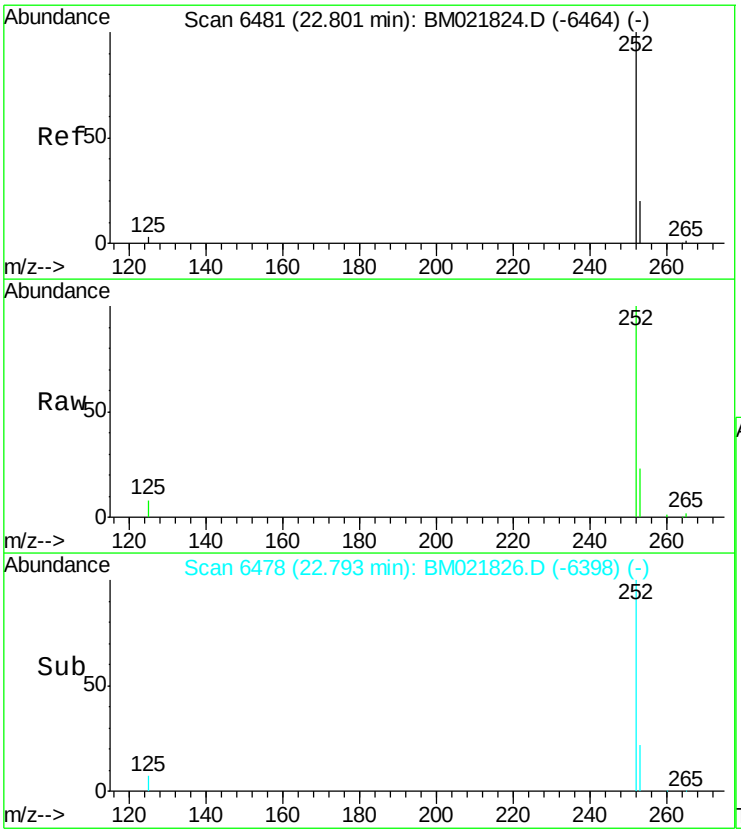
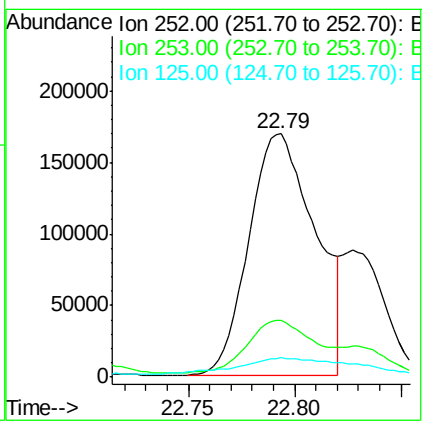


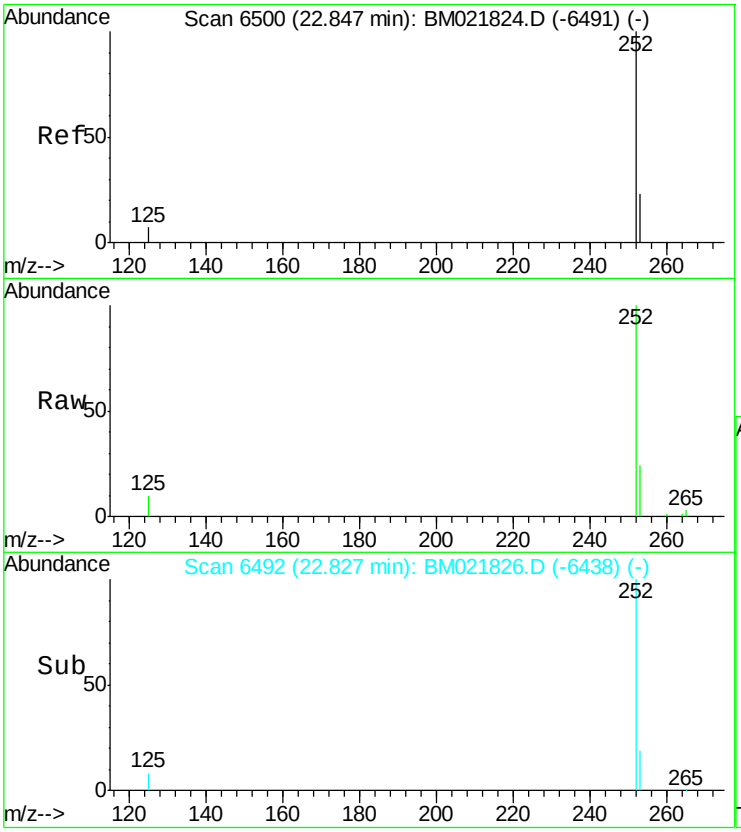


#21
Benzo(b)fluoranthene
Concen: 18.534 ng/ul m
RT: 22.79 min Scan# 6478
Delta R.T. -0.01 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:252 Resp: 366240

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	67.4
125	7.8	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 5.544 ng/ul m
RT: 22.83 min Scan# 6492
Delta R.T. -0.02 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:252 Resp: 123977

Ion	Ratio	Lower	Upper
252	100		
253	24.3	27.0	40.4#
125	10.4	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
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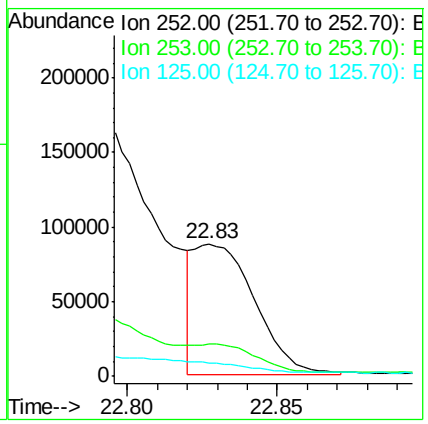
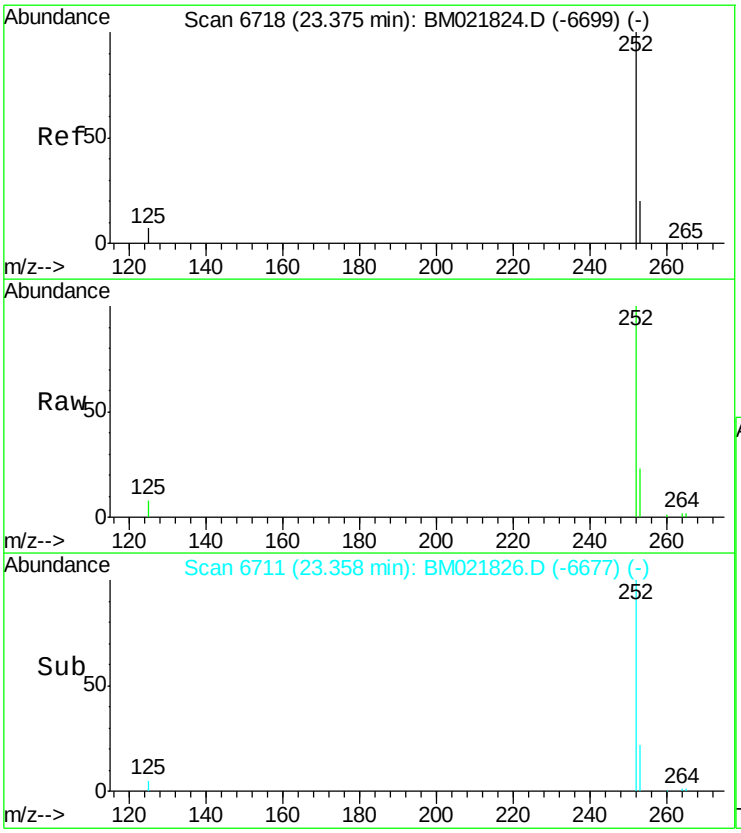
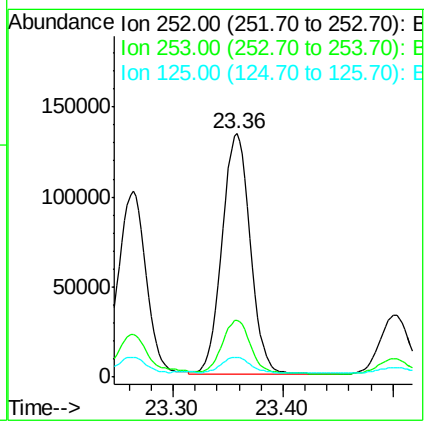


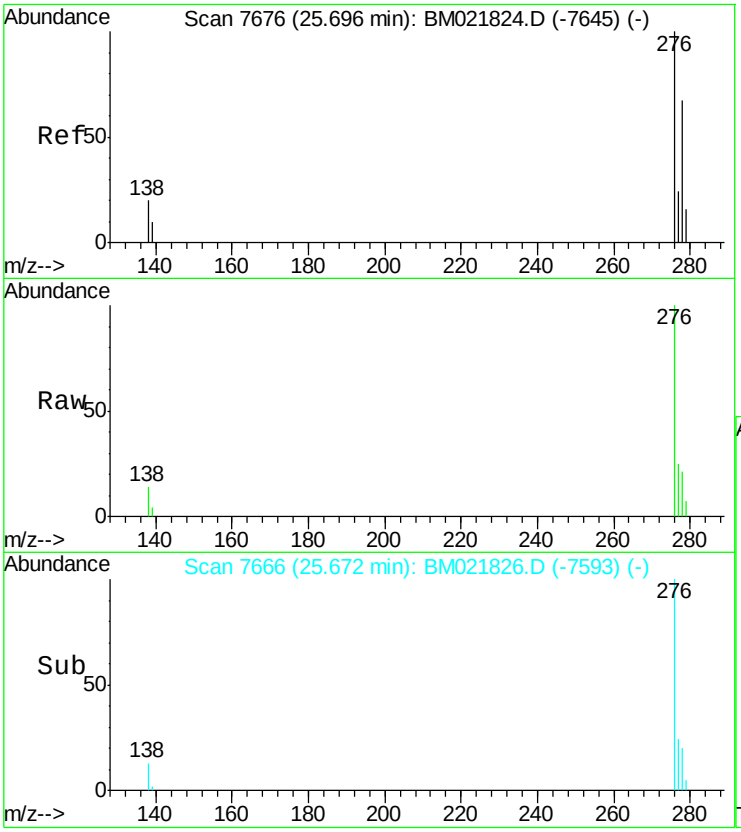


#23
Benzo(a)pyrene
Concen: 11.802 ng/ul
RT: 23.36 min Scan# 6711
Delta R.T. -0.02 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:252 Resp: 237163

Ion	Ratio	Lower	Upper
252	100		
253	23.2	31.7	47.5#
125	8.2	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 7.023 ng/ul
RT: 25.67 min Scan# 7666
Delta R.T. -0.02 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:276 Resp: 168513

Ion	Ratio	Lower	Upper
276	100		
138	13.1	15.1	22.7#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
A52F5

Manual Integrations APPROVED
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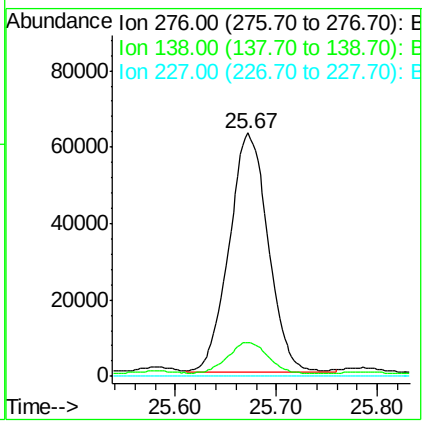
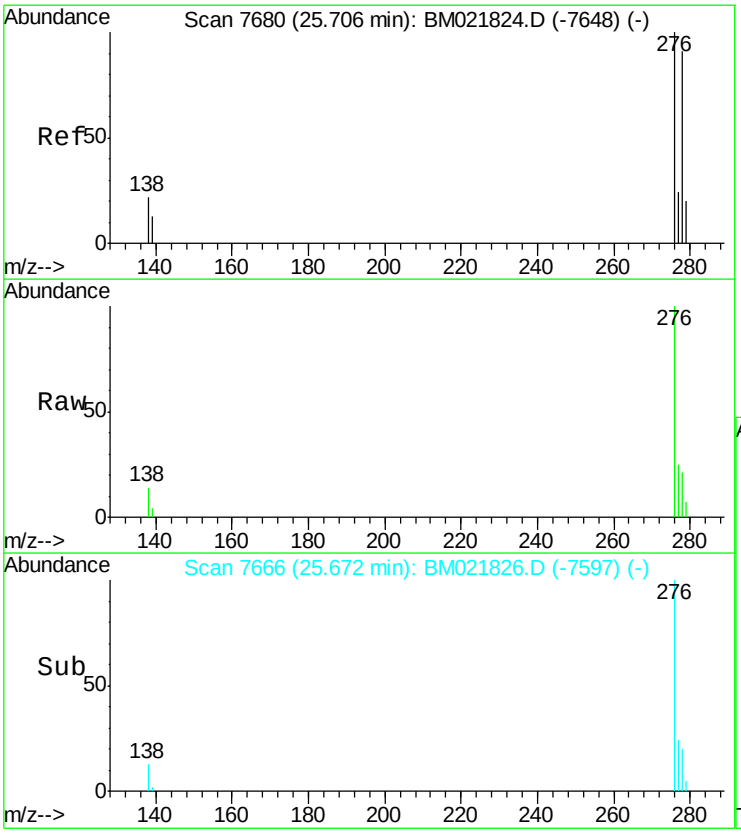
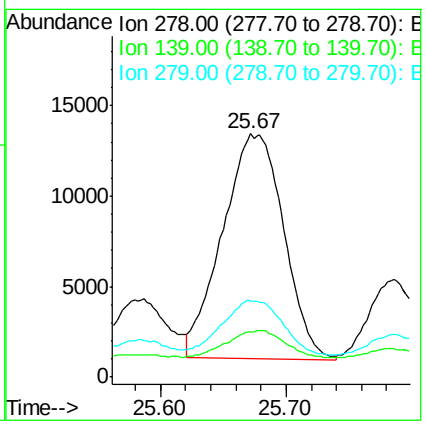


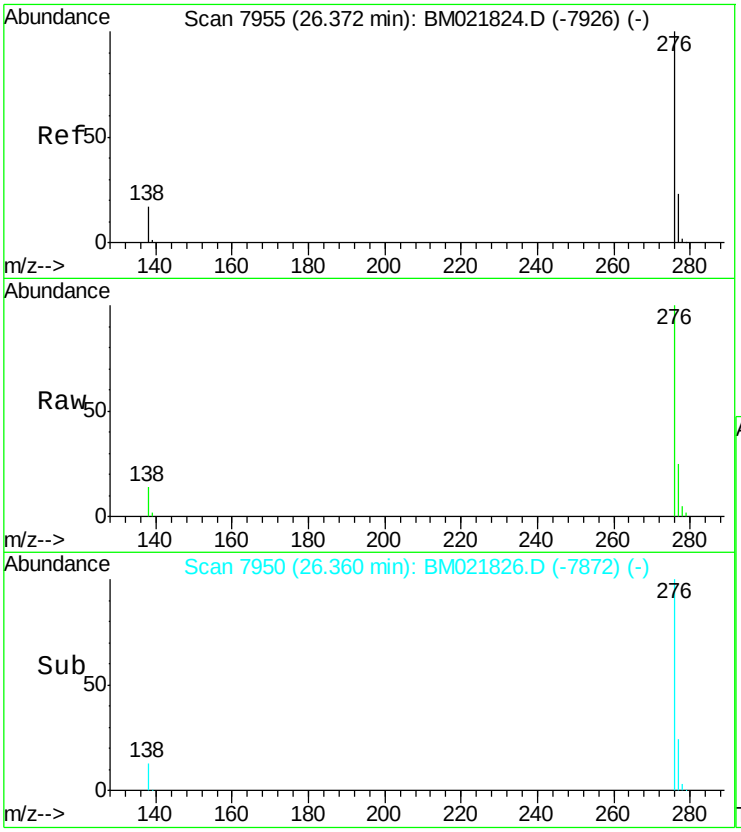


#25
Dibenzo(a,h)anthracene
Concen: 2.168 ng/ul
RT: 25.67 min Scan# 7666
Delta R.T. -0.03 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:278 Resp: 42051

Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.2	21.2
279	31.2	28.3	42.5

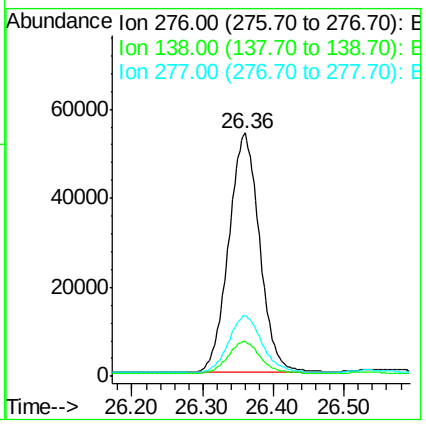




#26
Benzo(g,h,i)perylene
Concen: 7.508 ng/ul
RT: 26.36 min Scan# 7950
Delta R.T. -0.01 min
Lab File: BM021826.D
Acq: 05 Aug 2019 00:30

Tgt Ion:276 Resp: 162194

Ion	Ratio	Lower	Upper
276	100		
138	14.3	15.5	23.3#
277	25.1	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
A52F5

Manual Integrations APPROVED
mohammad
8/5/2019 10:16:27 PM