Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021930.D
Acq On : 08 Aug 2019 13:07
Operator : HP/JU
Sample : K4028-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BENW3

Manual Integrations APPROVED
mohammad
8/9/2019 6:12:28 AM

Quant Time: Aug 08 17:21:01 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 : Thu Aug 08 06:54:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	791	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3415	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	1897	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4467m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4130m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	3921m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	867	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2735m	0.18	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.45	128	408	0.042	ng/ul#	73
5) 2-Methylnaphthalene	12.09	142	141	0.022	ng/ul	87
7) Acenaphthylene	14.00	152	1574	0.178	ng/ul#	77
8) Acenaphthene	14.34	153	212	0.029	ng/ul#	91
9) Fluorene	15.33	166	463	0.058	ng/ul#	96
12) Phenanthrene	17.07	178	8800m	0.677	ng/ul	
13) Anthracene	17.17	178	2812m	0.254	ng/ul	
15) Fluoranthene	19.10	202	25218m	1.448	ng/ul	
17) Pyrene	19.46	202	25415	1.498	ng/ul	100
18) Benzo(a)anthracene	21.22	228	14295	0.968	ng/ul	99
19) Chrysene	21.27	228	15864	0.835	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	18946m	1.433	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	8429m	0.563	ng/ul	
23) Benzo(a)pyrene	23.35	252	14398m	1.071	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	9384m	0.584	ng/ul	
25) Dibenzo(a,h)anthracene	25.66	278	2534m	0.195	ng/ul	
26) Benzo(g,h,i)perylene	26.34	276	9478m	0.656	ng/ul	

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

Quantitation Report (QT Reviewed)

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Instrument :
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ClientSampleId :
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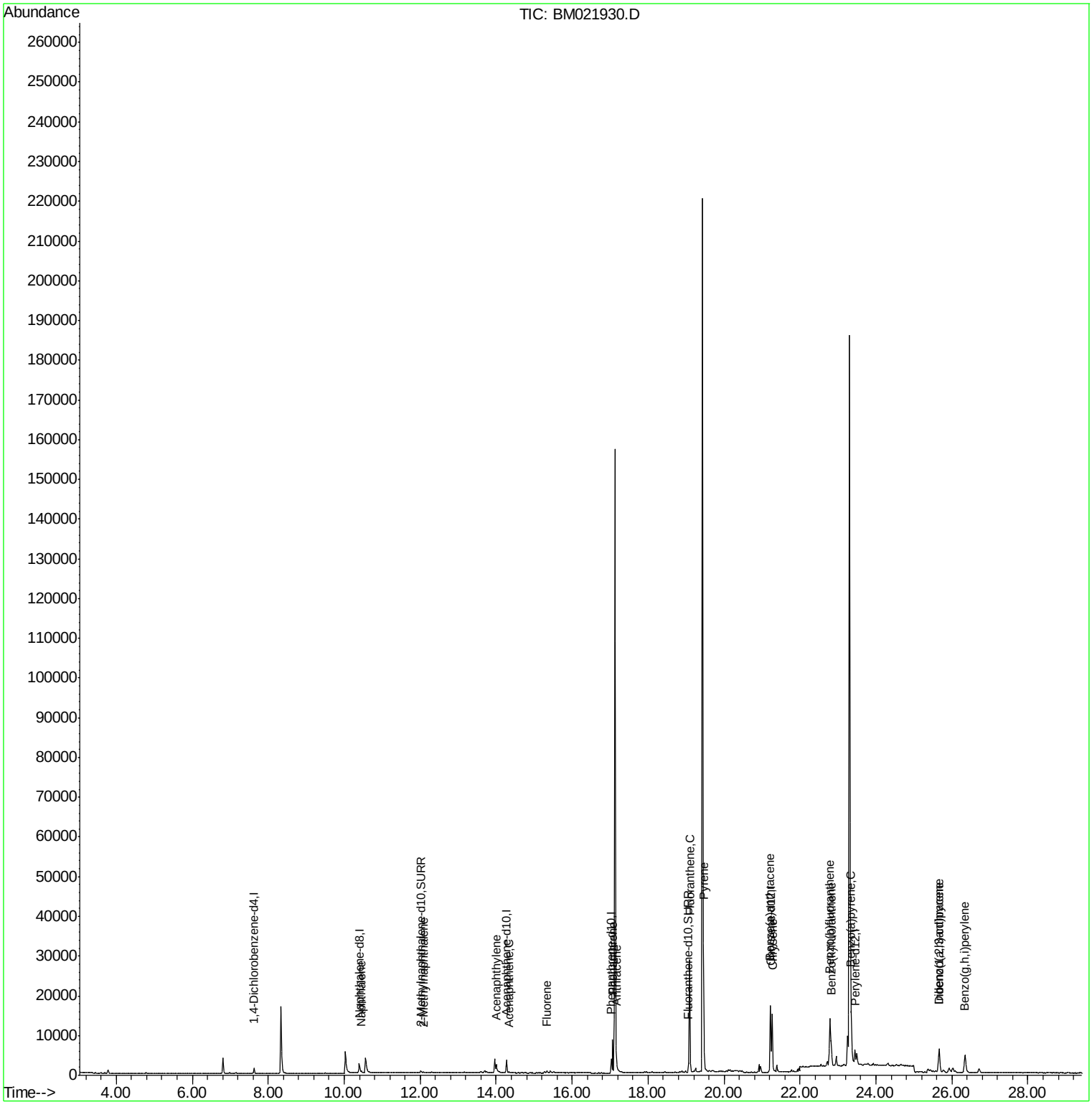

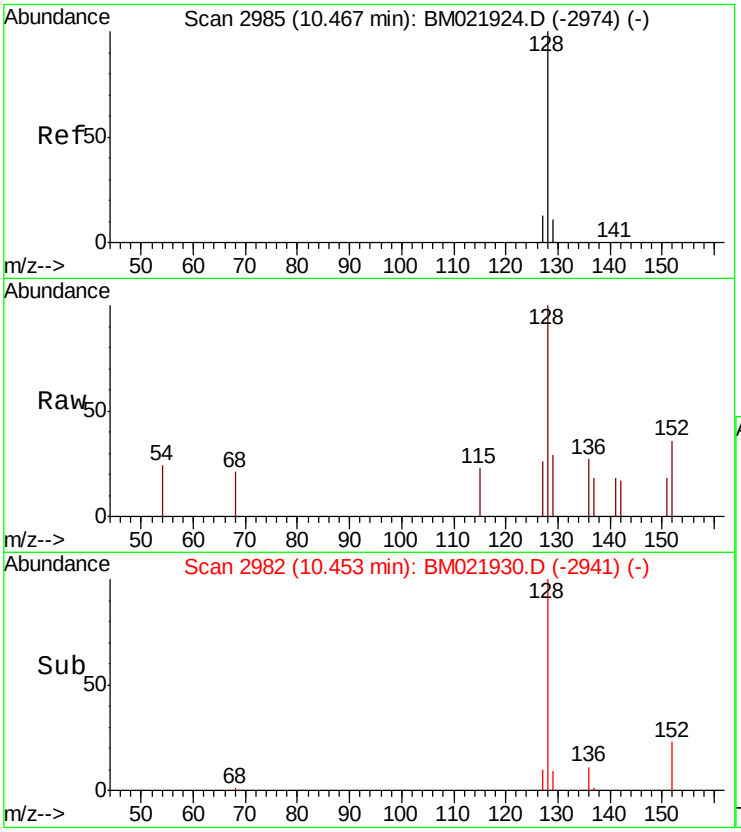

#3
Naphthalene
Concen: 0.042 ng/ul
RT: 10.45 min Scan# 2982
Delta R.T. -0.02 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:128 Resp: 408

Ion	Ratio	Lower	Upper
128	100		
129	28.6	12.3	18.5#
127	26.3	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
BENW3

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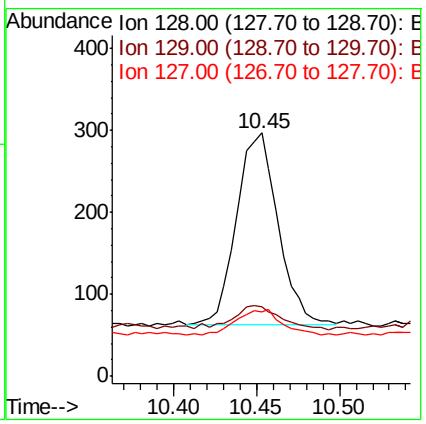
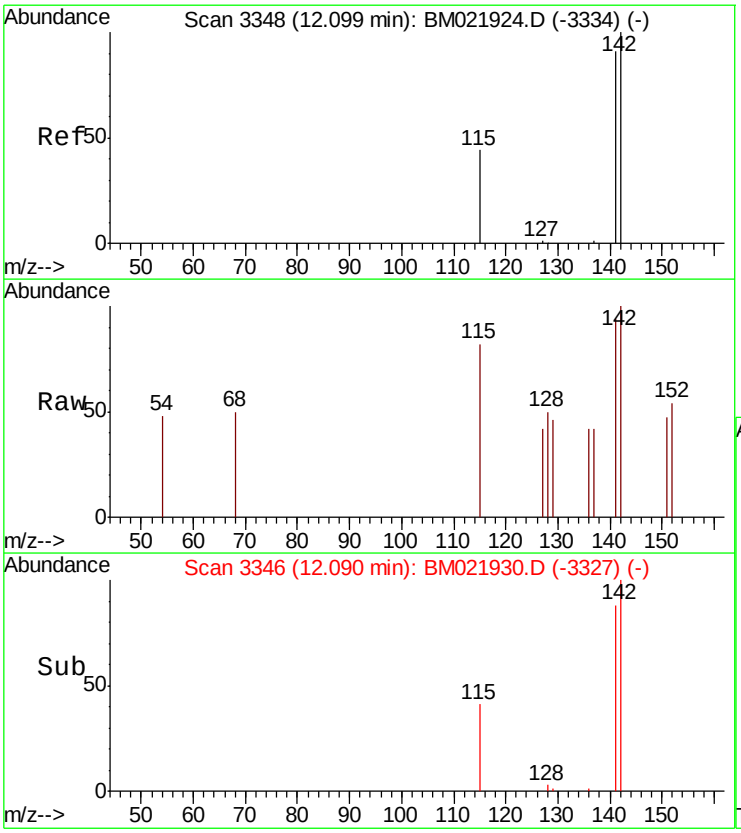
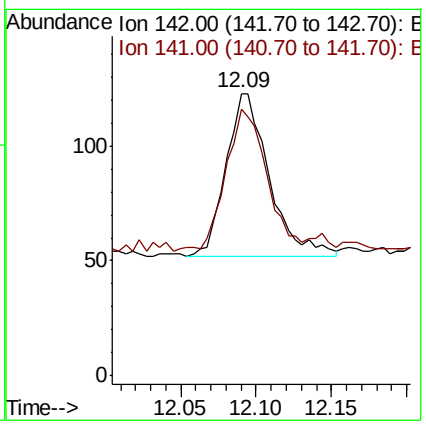


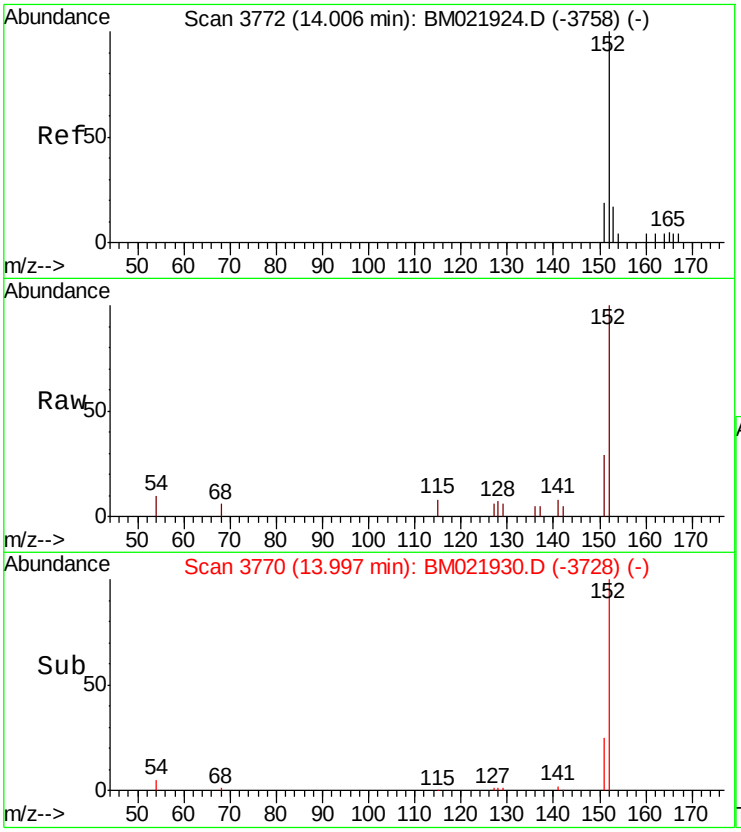


#5
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.09 min Scan# 3346
Delta R.T. -0.02 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:142 Resp: 141

Ion	Ratio	Lower	Upper
142	100		
141	80.1	74.3	111.5

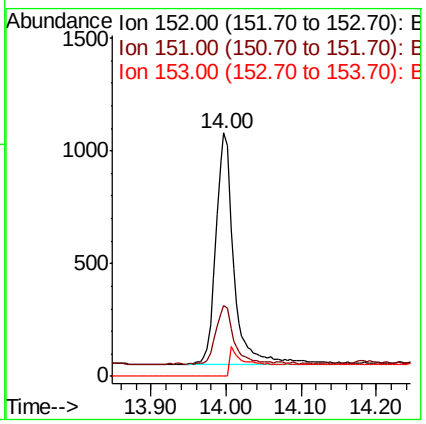




#7
Acenaphthylene
Concen: 0.178 ng/ul
RT: 14.00 min Scan# 3770
Delta R.T. -0.01 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:152 Resp: 1574

Ion	Ratio	Lower	Upper
152	100		
151	28.9	18.3	27.5#
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
BENW3

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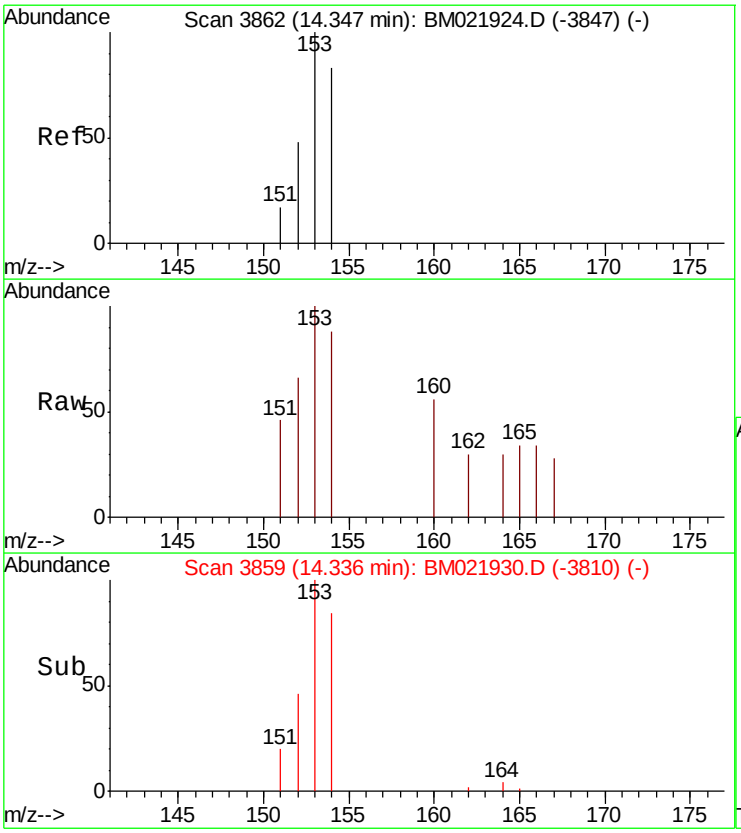
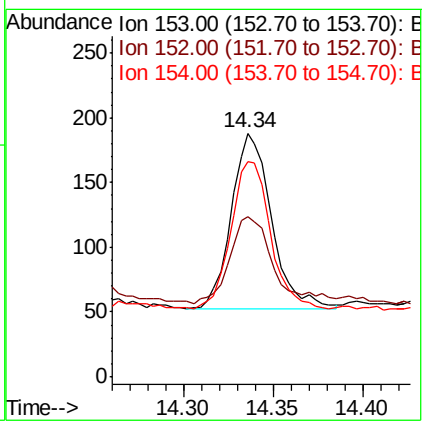
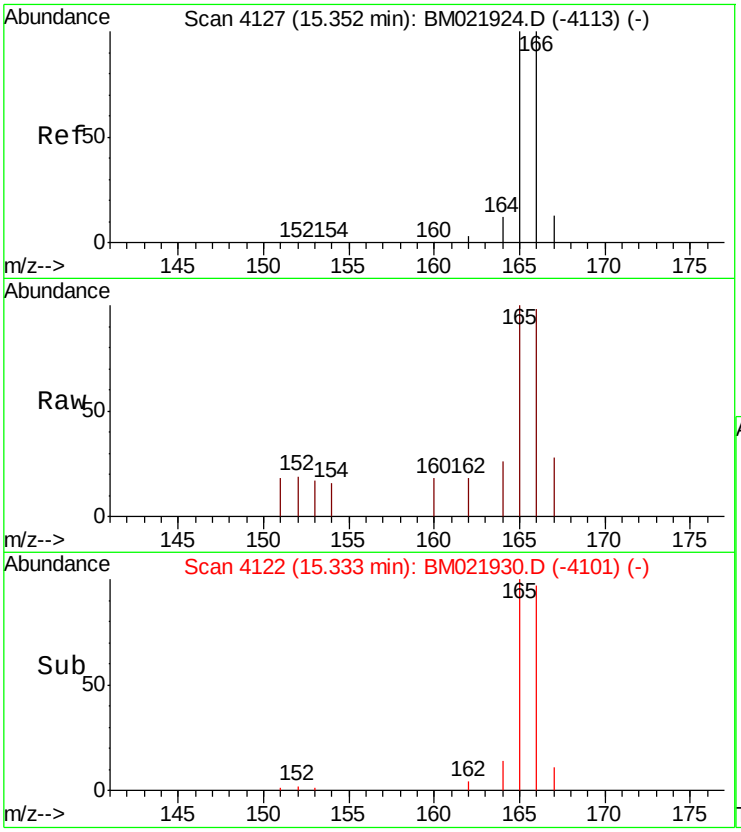


#8
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.34 min Scan# 3859
Delta R.T. -0.01 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:153 Resp: 212

Ion	Ratio	Lower	Upper
153	100		
152	66.0	41.3	61.9#
154	88.3	72.3	108.5





#9
Fluorene
Concen: 0.058 ng/ul
RT: 15.33 min Scan# 4122
Delta R.T. -0.02 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:166 Resp: 463

Ion	Ratio	Lower	Upper
166	100		
165	102.1	81.4	122.0
167	28.9	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
BENW3

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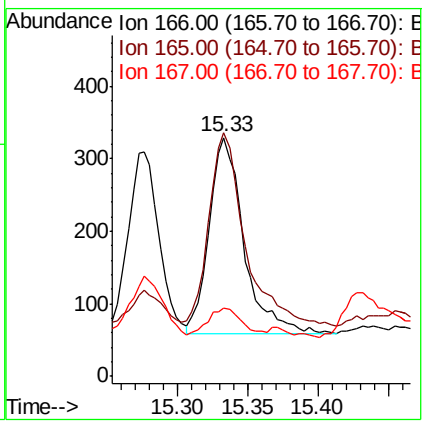
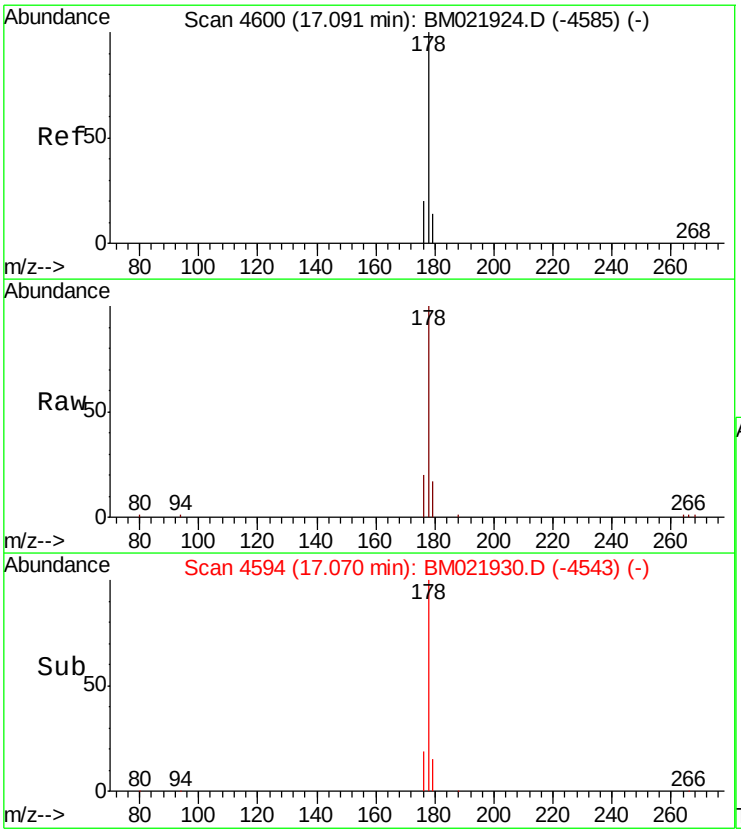
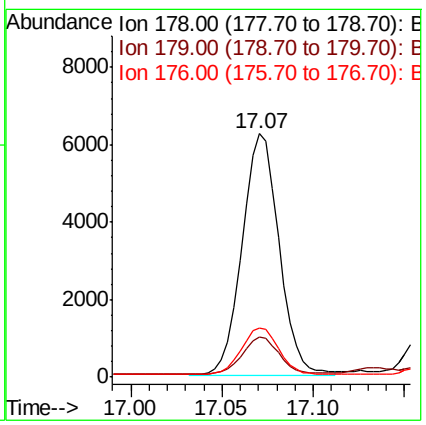


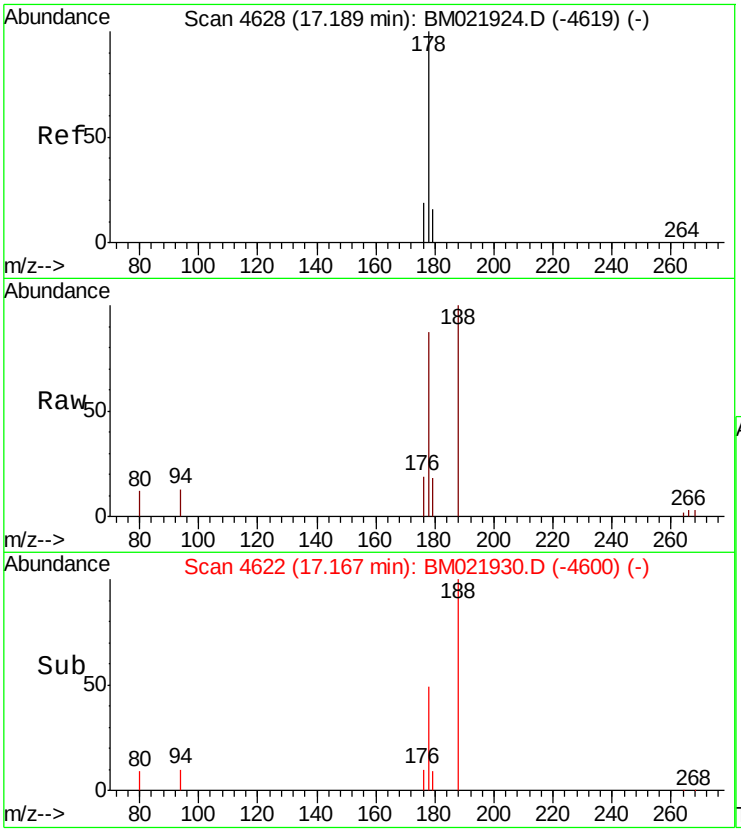


#12
Phenanthrene
Concen: 0.677 ng/ul m
RT: 17.07 min Scan# 4594
Delta R.T. -0.02 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:178 Resp: 8800

Ion	Ratio	Lower	Upper
178	100		
179	16.5	14.2	21.2
176	19.9	16.8	25.2





#13
Anthracene
Concen: 0.254 ng/ul m
RT: 17.17 min Scan# 4622
Delta R.T. -0.02 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:178 Resp: 2812

Ion	Ratio	Lower	Upper
178	100		
179	20.3	15.5	23.3
176	22.4	16.6	25.0

Instrument :
BNA_M
ClientSampleId :
BENW3

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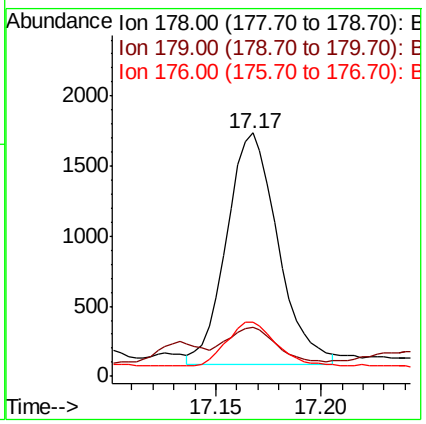
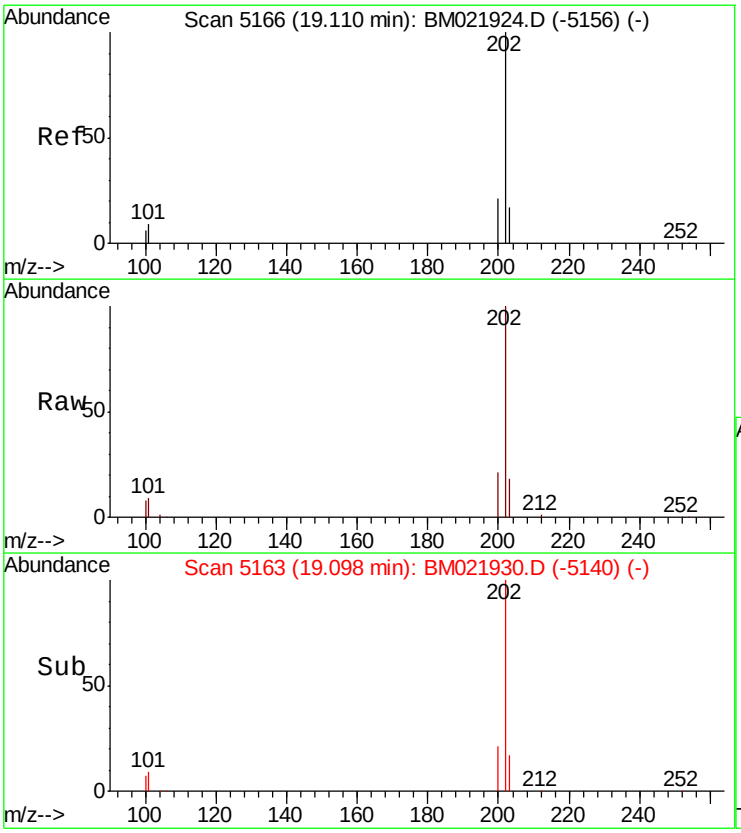
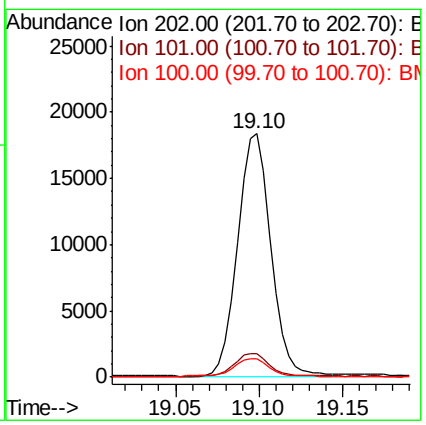


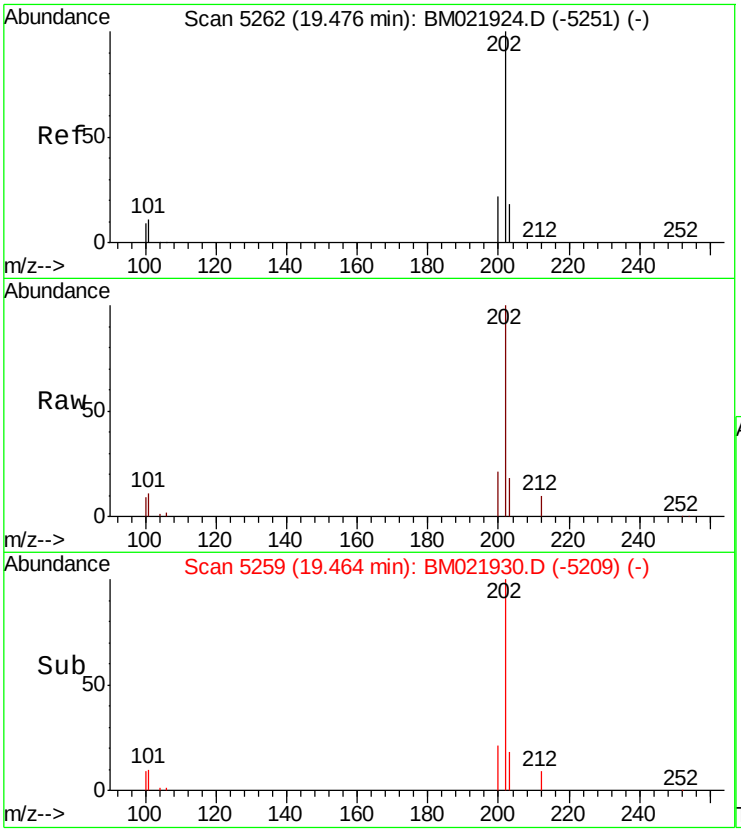


#15
Fluoranthene
Concen: 1.448 ng/ul m
RT: 19.10 min Scan# 5163
Delta R.T. -0.01 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:202 Resp: 25218

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.2
100	7.6	0.0	28.1

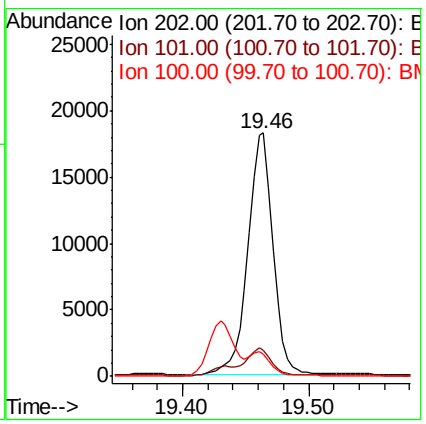




#17
Pyrene
Concen: 1.498 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:202 Resp: 25415

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.3	12.5
100	9.1	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
BENW3

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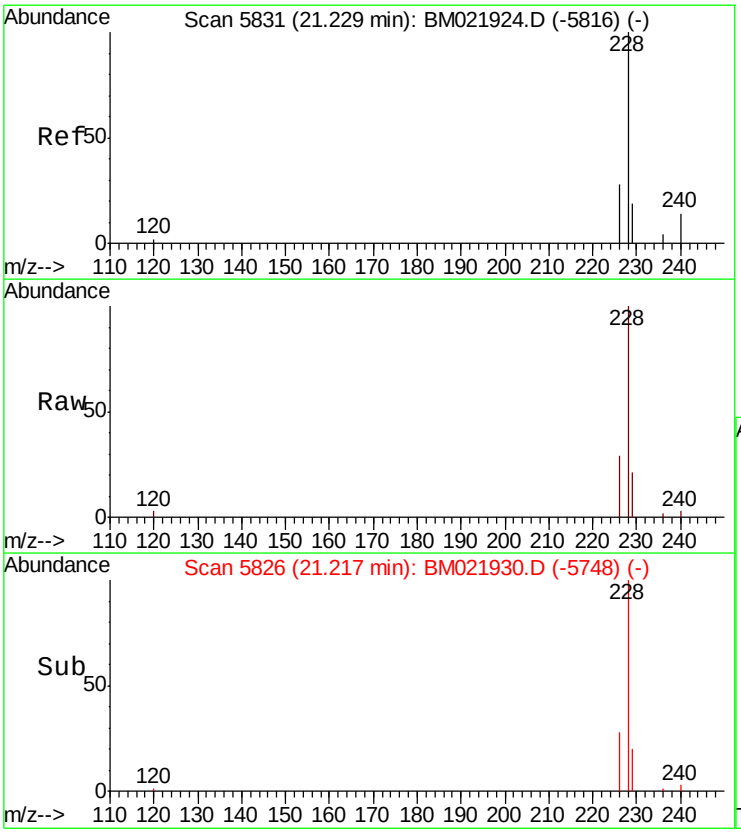
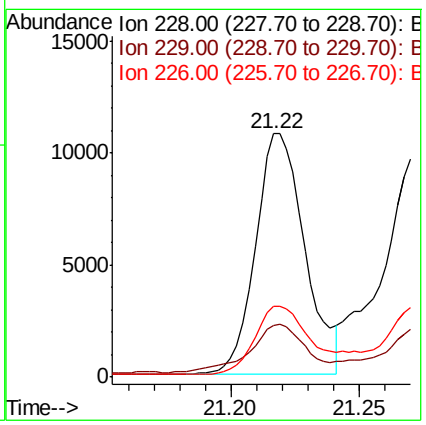
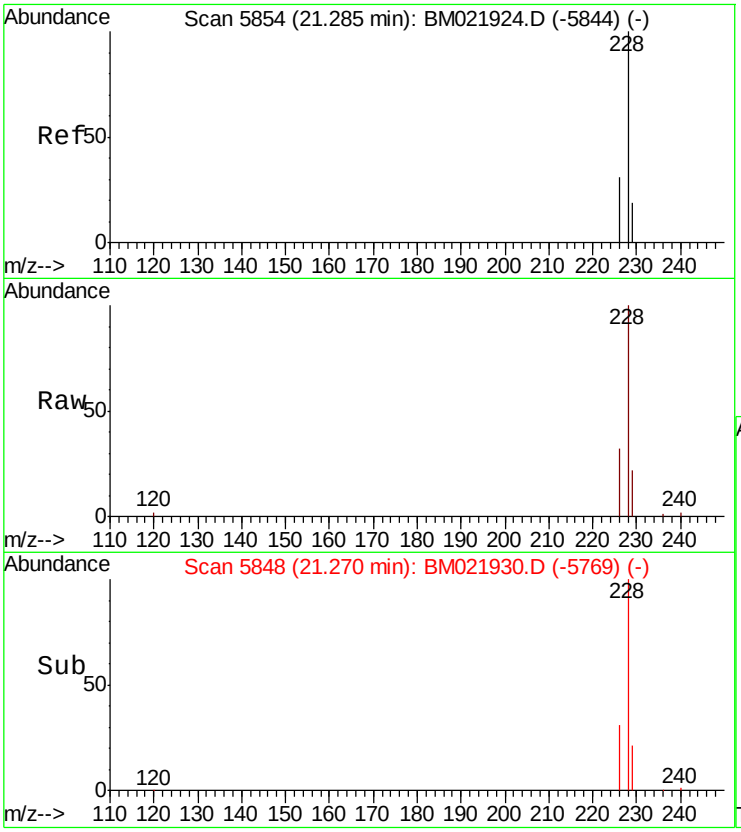


#18
Benzo(a)anthracene
Concen: 0.968 ng/ul
RT: 21.22 min Scan# 5826
Delta R.T. -0.01 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:228 Resp: 14295

Ion	Ratio	Lower	Upper
228	100		
229	21.4	17.2	25.8
226	29.1	22.6	34.0

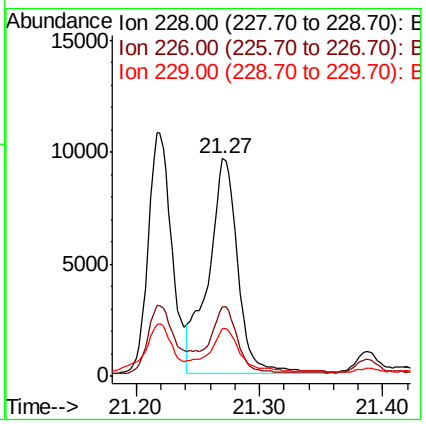




#19
Chrysene
Concen: 0.835 ng/ul
RT: 21.27 min Scan# 5848
Delta R.T. -0.01 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:228 Resp: 15864

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	22.1	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENW3

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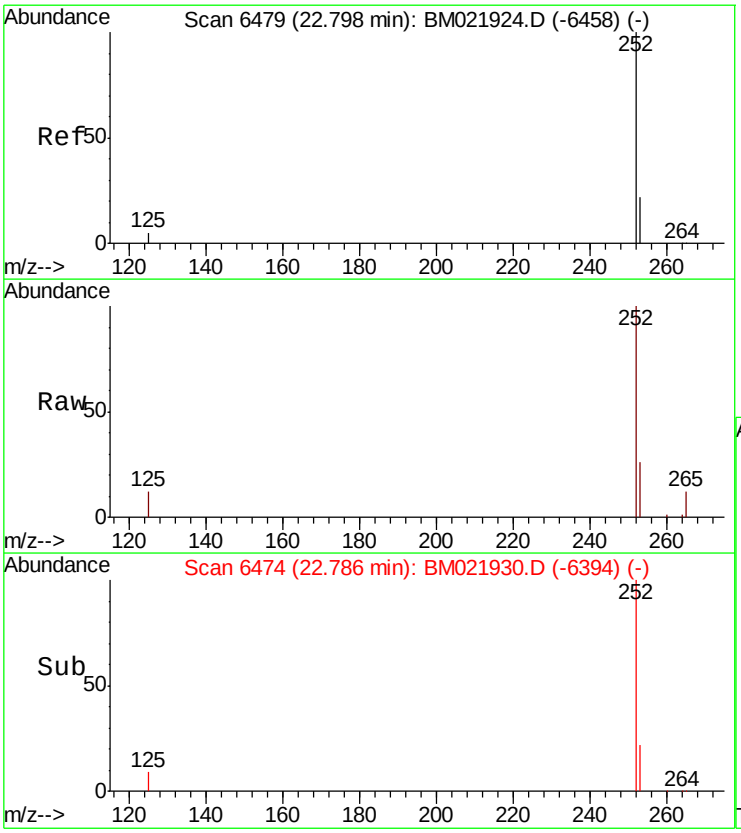
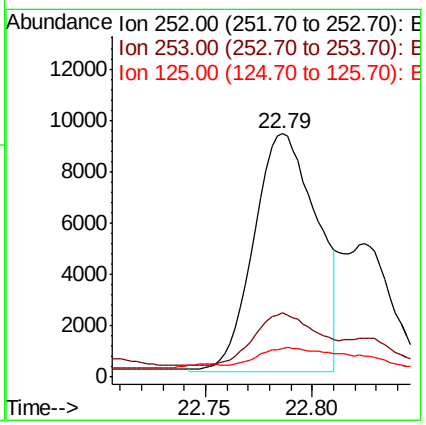
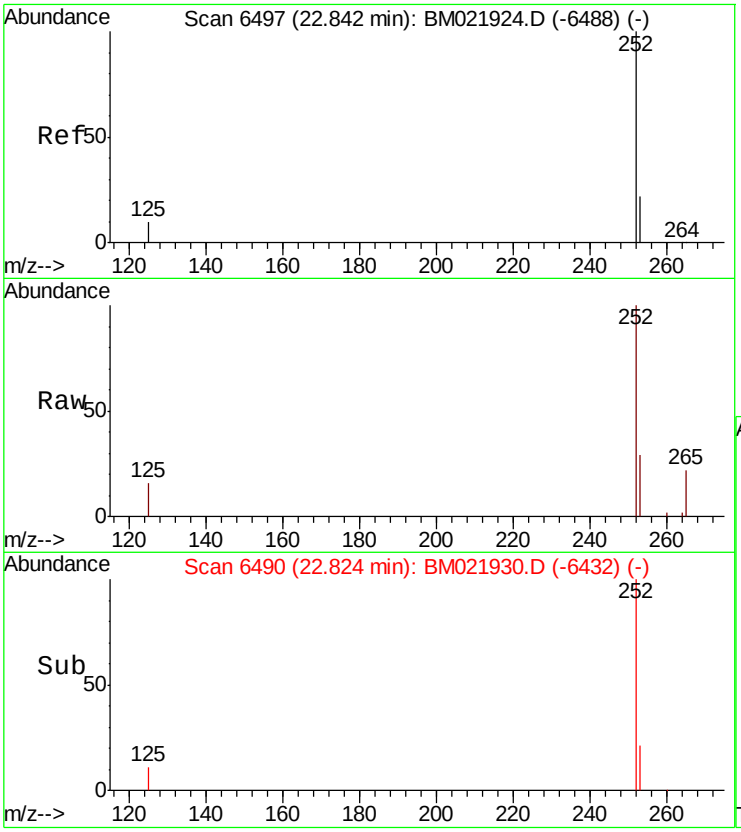


#21
Benzo(b)fluoranthene
Concen: 1.433 ng/ul m
RT: 22.79 min Scan# 6474
Delta R.T. -0.01 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:252 Resp: 18946

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	67.4
125	11.7	0.0	31.0

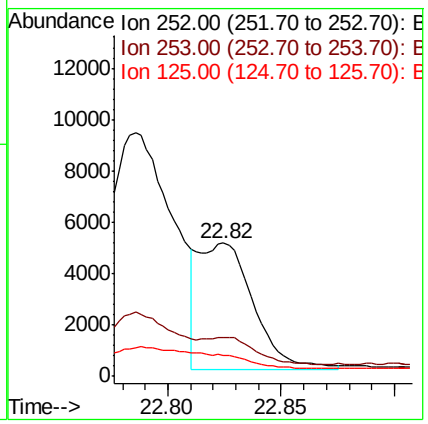




#22
Benzo(k)fluoranthene
Concen: 0.563 ng/ul m
RT: 22.82 min Scan# 6490
Delta R.T. -0.01 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:252 Resp: 8429

Ion	Ratio	Lower	Upper
252	100		
253	29.4	27.0	40.4
125	16.1	12.2	18.2



Instrument :
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ClientSampleId :
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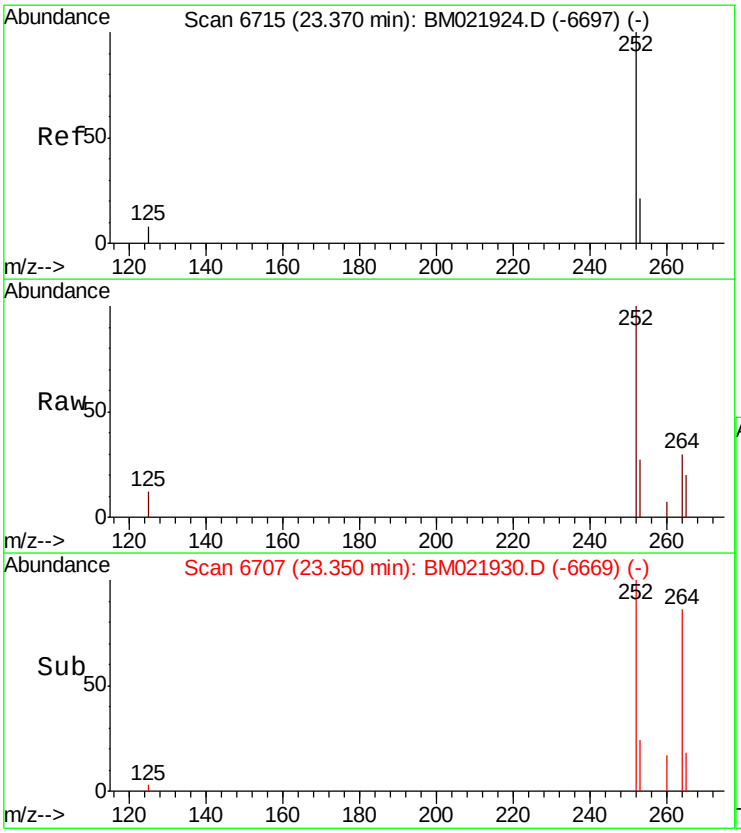
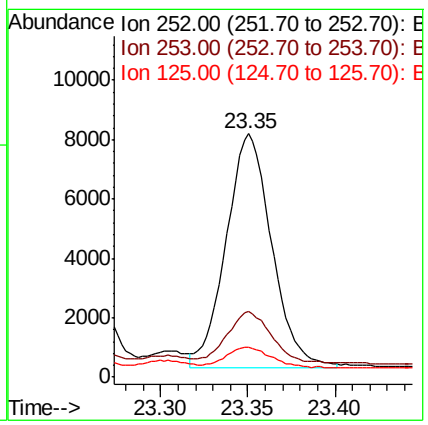
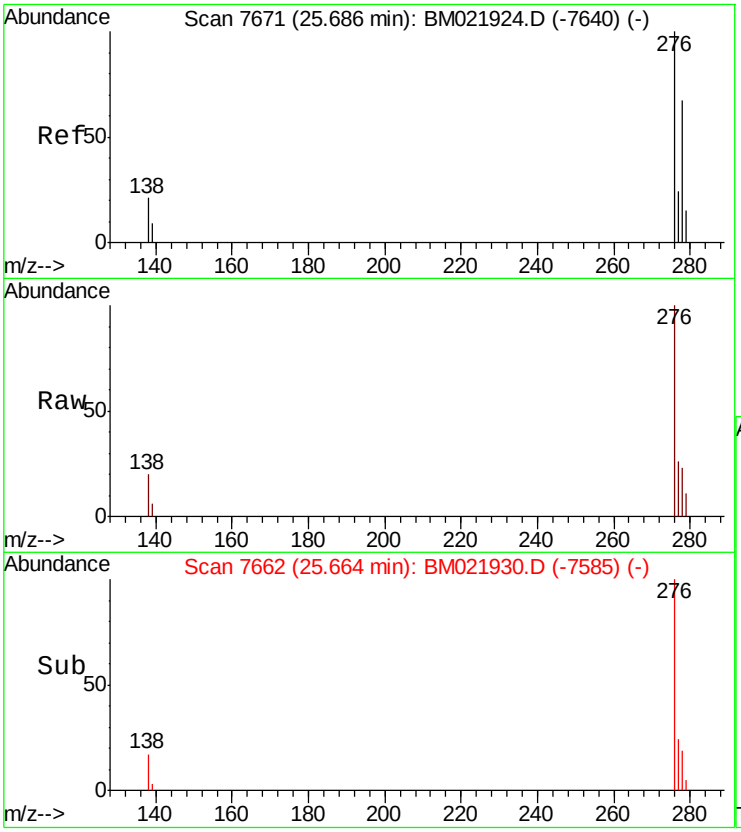


#23
Benzo(a)pyrene
Concen: 1.071 ng/ul m
RT: 23.35 min Scan# 6707
Delta R.T. -0.01 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:252 Resp: 14398

Ion	Ratio	Lower	Upper
252	100		
253	27.0	31.7	47.5#
125	12.3	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.584 ng/ul m
RT: 25.66 min Scan# 7662
Delta R.T. -0.01 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:276 Resp: 9384

Ion	Ratio	Lower	Upper
276	100		
138	1.6	15.1	22.7#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
BENW3

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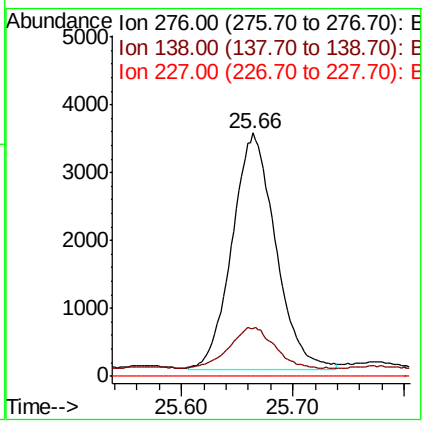
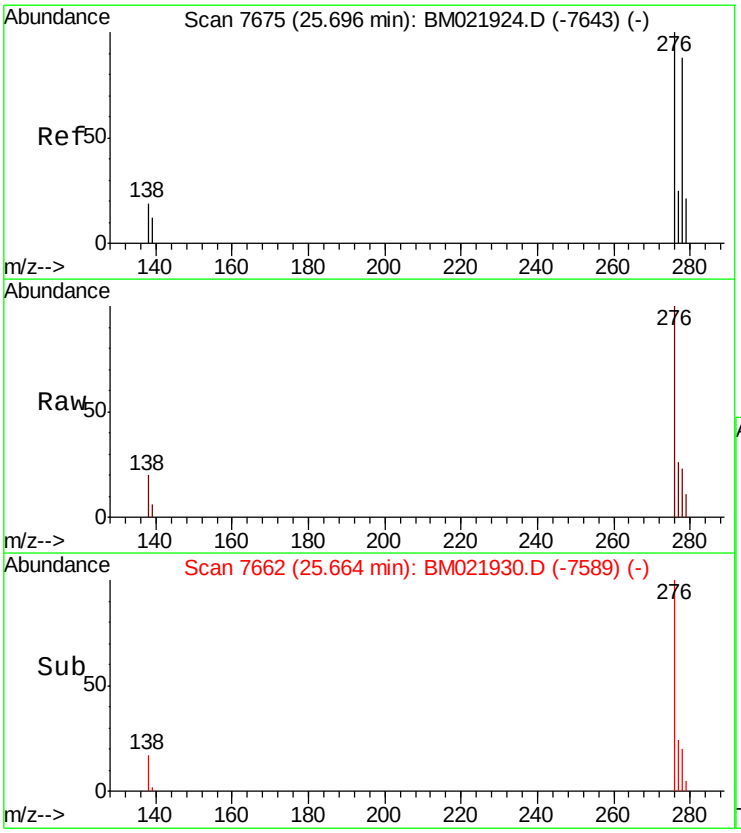
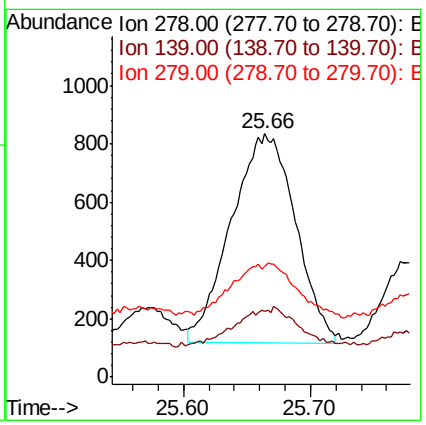


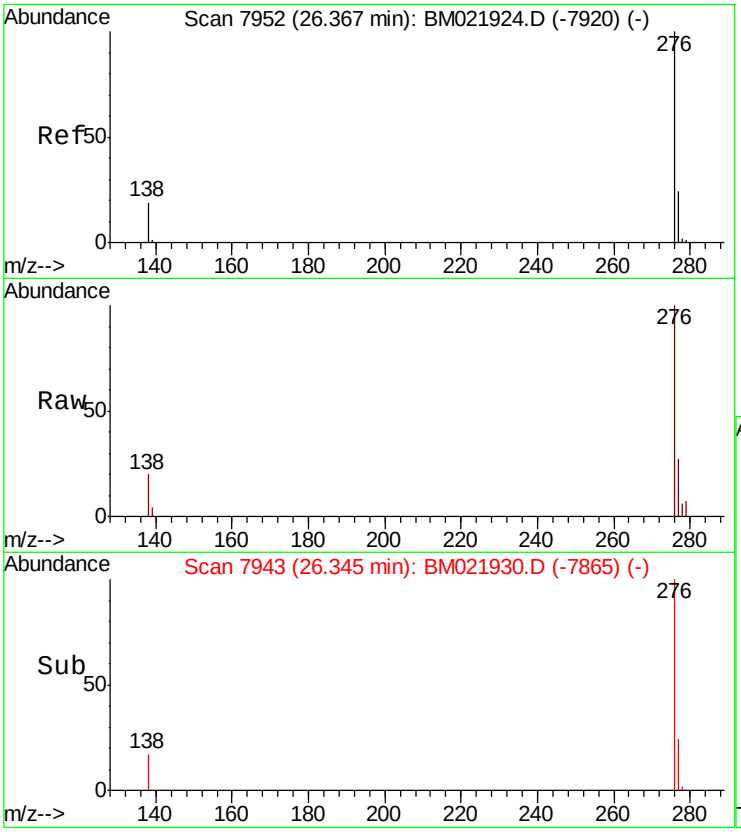


#25
Dibenzo(a,h)anthracene
Concen: 0.195 ng/ul m
RT: 25.66 min Scan# 7662
Delta R.T. -0.02 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:278 Resp: 2534

Ion	Ratio	Lower	Upper
278	100		
139	26.8	14.2	21.2#
279	45.4	28.3	42.5#

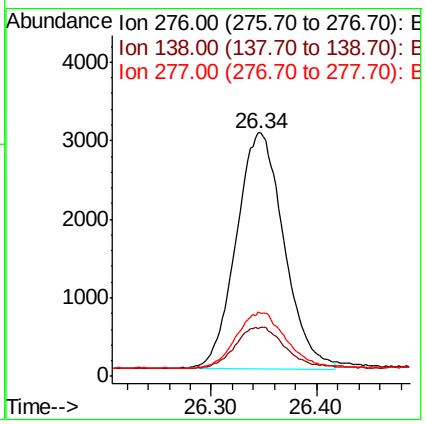




#26
Benzo(g,h,i)perylene
Concen: 0.656 ng/ul m
RT: 26.34 min Scan# 7943
Delta R.T. -0.01 min
Lab File: BM021930.D
Acq: 08 Aug 2019 13:07

Tgt Ion:276 Resp: 9478

Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.5	23.3
277	26.6	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENW3

Manual Integrations APPROVED
mohammad
8/9/2019 6:12:28 AM