Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026961.D
Acq On : 31 Jul 2020 16:51
Operator : JU/CG
Sample : L3424-03 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S78

Manual Integrations APPROVED
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8/3/2020 12:23:33 PM

Quant Time: Jul 31 17:26:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 12:26:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	108135	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	421363	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	261679	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	549599	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	552755	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	553437	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	956	0.40	ng/uL	0.00
5) Phenol-d5	6.83	99	27075	2.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	18851	2.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	20185	2.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	20664	2.83	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	9748	2.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	9751	3.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	20291	2.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	14449	1.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	65105	3.17	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	80812	3.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	6067	1.75	ng/ul	0.00
58) Fluorene-d10	15.29	176	56392	3.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	4711	1.92	ng/ul	0.00
71) Anthracene-d10	17.13	188	88004	3.20	ng/ul	0.00
79) Pyrene-d10	19.43	212	94289	3.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	97117	3.11	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.48	128	94365	4.009	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	17958	1.079	ng/ul	93
48) Acenaphthylene	14.01	152	226282	8.529	ng/ul	97
54) Dibenzofuran	14.69	168	34037	1.343	ng/ul	97
59) Fluorene	15.34	166	21583	1.012	ng/ul	92
70) Phenanthrene	17.08	178	167395	5.018	ng/ul	99
72) Anthracene	17.17	178	644697	18.801	ng/ul	98
75) Carbazole	17.43	167	69353	2.288	ng/ul	99
77) Fluoranthene	19.09	202	1130940	28.711	ng/ul	100
80) Pyrene	19.46	202	1352600	33.634	ng/ul	97
83) Benzo(a)anthracene	21.21	228	993984m	26.089	ng/ul	
85) Chrysene	21.26	228	1681242	45.251	ng/ul	99
88) Benzo(b)fluoranthene	22.79	252	3907559	98.699	ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	1061739m	27.948	ng/ul	
91) Benzo(a)pyrene	23.34	252	1078637	30.193	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.65	276	1536031	34.658	ng/ul	95
93) Dibenzo(a,h)anthracene	25.65	278	388273m	10.359	ng/ul	
94) Benzo(g,h,i)perylene	26.32	276	760810	20.761	ng/ul	98

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026961.D
Acq On : 31 Jul 2020 16:51
Operator : JU/CG
Sample : L3424-03 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 31 17:26:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 12:26:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0S78

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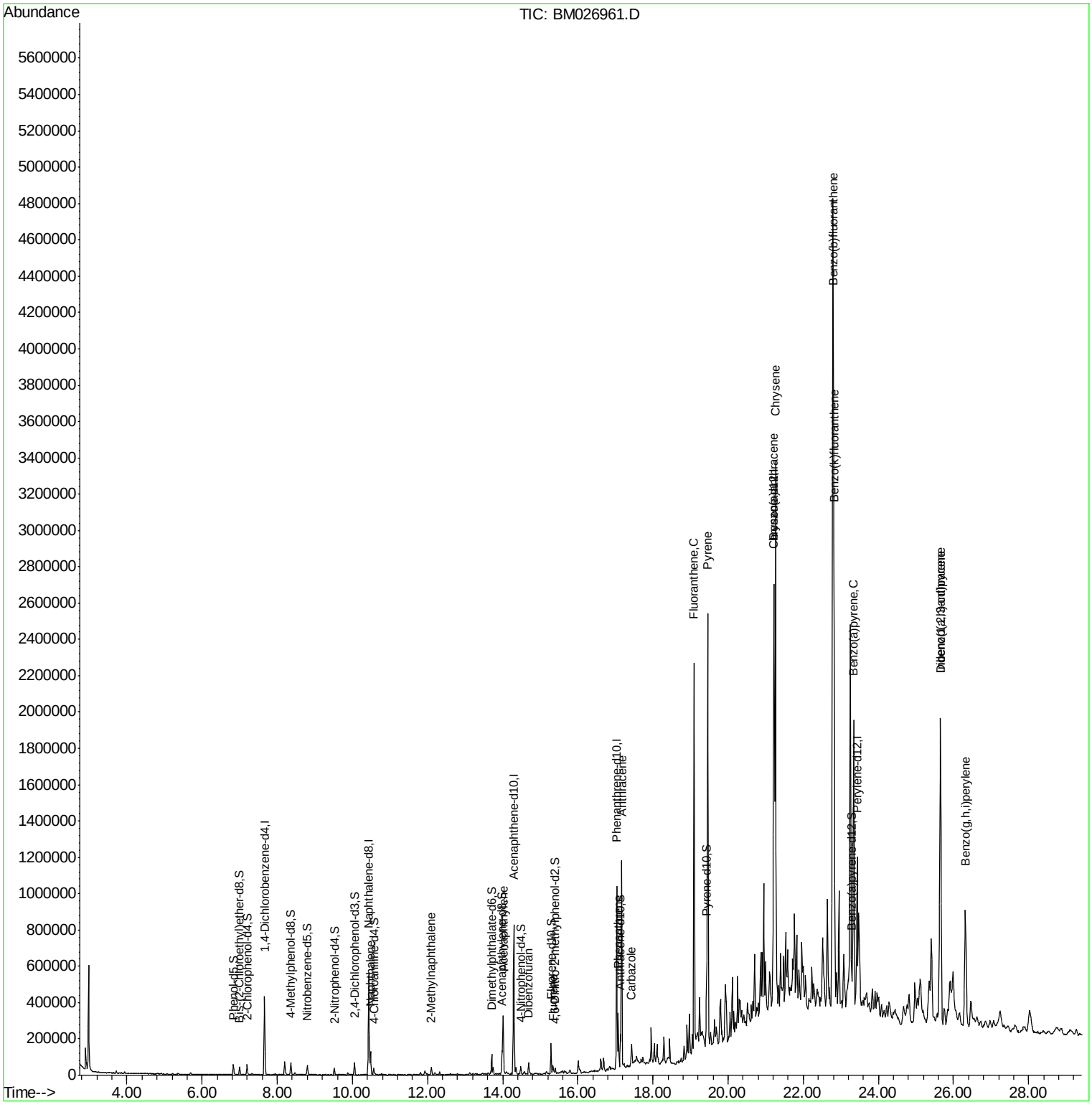
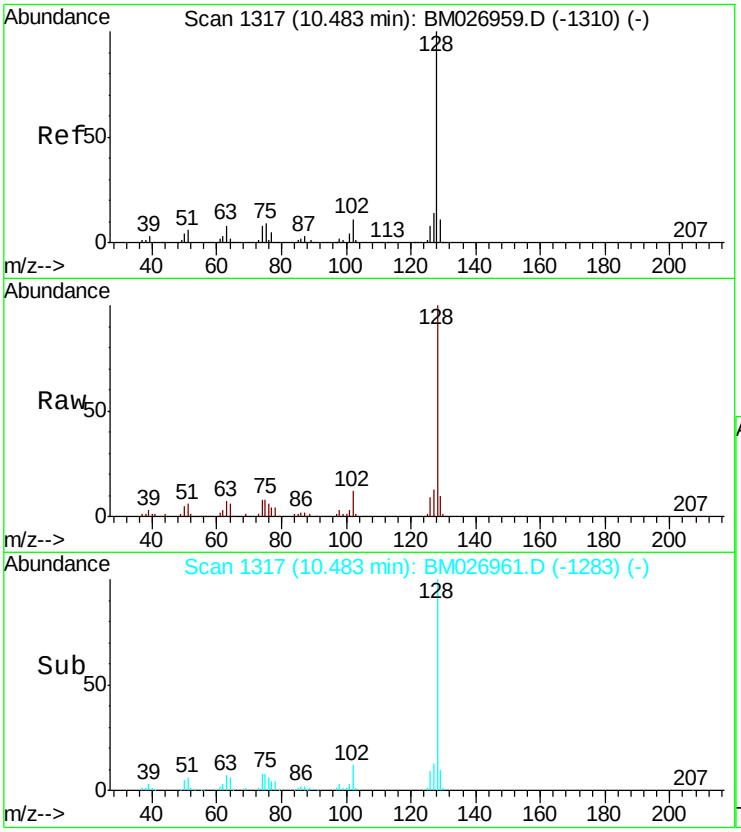
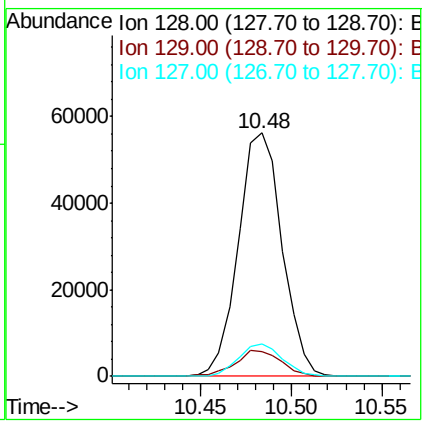




#28
Naphthalene
Concen: 4.009 ng/ul
RT: 10.48 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:128 Resp: 94365

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.3	12.5
127	13.5	11.0	16.6



Instrument :
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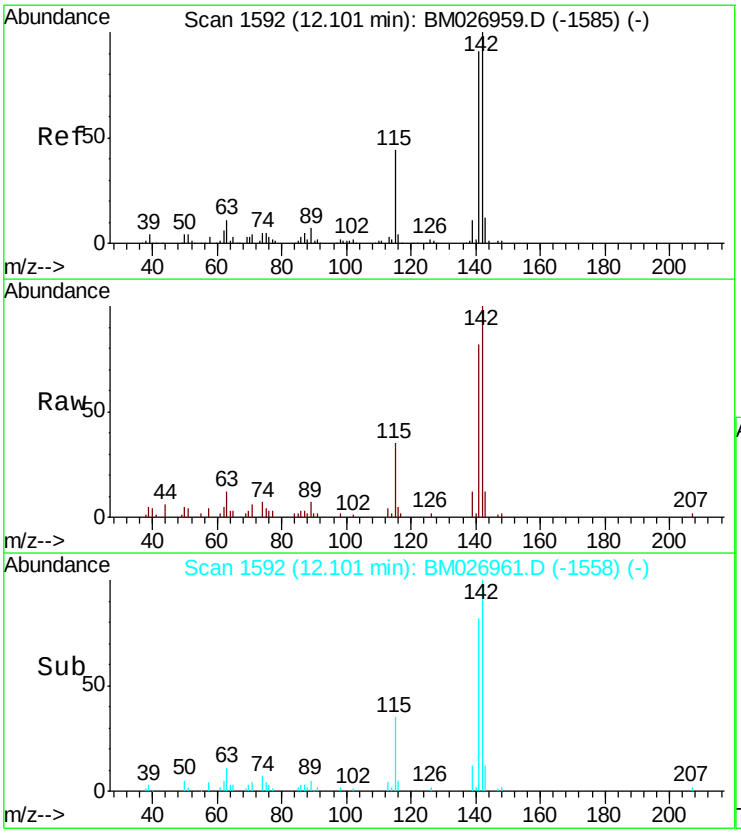
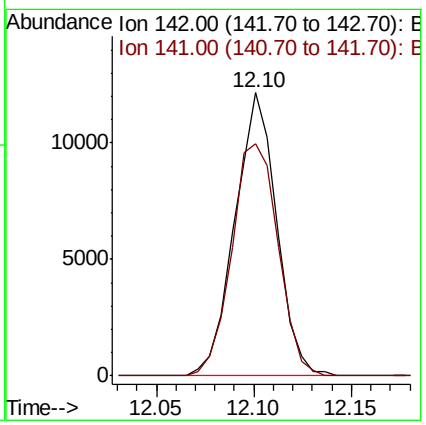
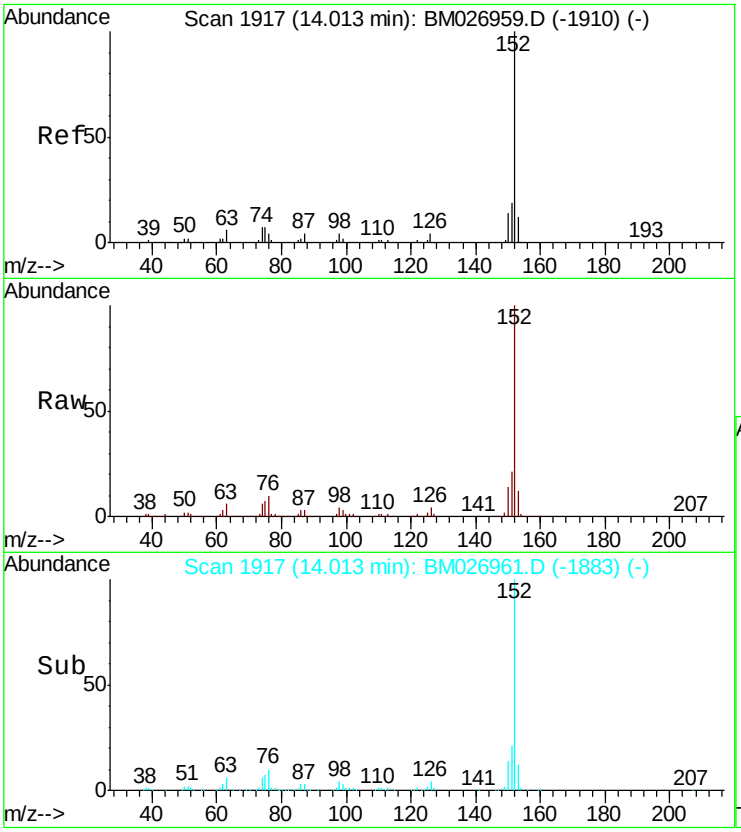


#34
2-Methylnaphthalene
Concen: 1.079 ng/ul
RT: 12.10 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:142 Resp: 17958

Ion	Ratio	Lower	Upper
142	100		
141	82.0	71.1	106.7

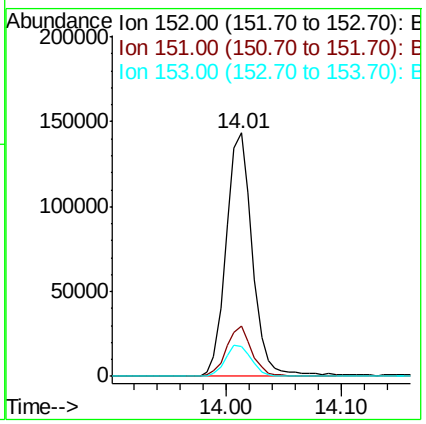




#48
Acenaphthylene
Concen: 8.529 ng/ul
RT: 14.01 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:152 Resp: 226282

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.6
153	12.0	10.7	16.1



Instrument :
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ClientSampleId :
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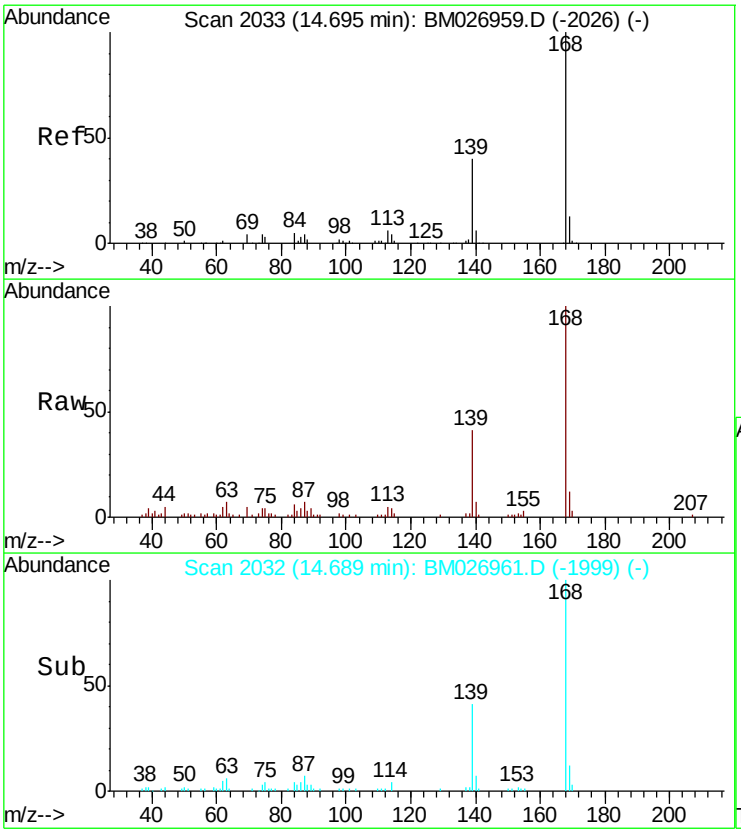
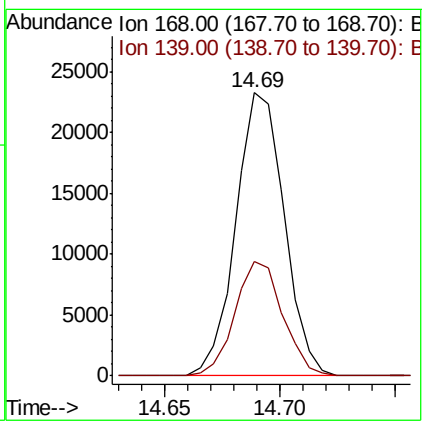
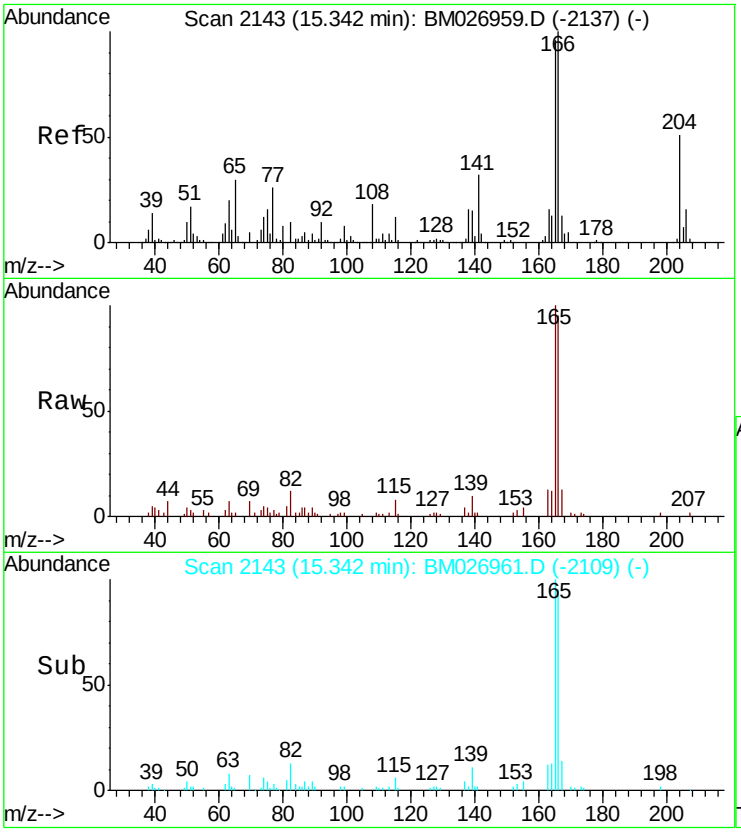


#54
Dibenzofuran
Concen: 1.343 ng/ul
RT: 14.69 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:168 Resp: 34037

Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.8	46.2

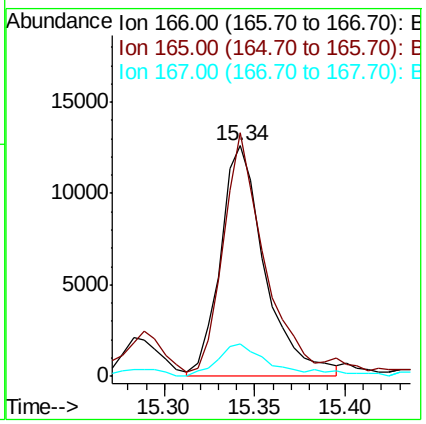




#59
Fluorene
Concen: 1.012 ng/ul
RT: 15.34 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:166 Resp: 21583

Ion	Ratio	Lower	Upper
166	100		
165	105.8	78.2	117.2
167	14.0	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
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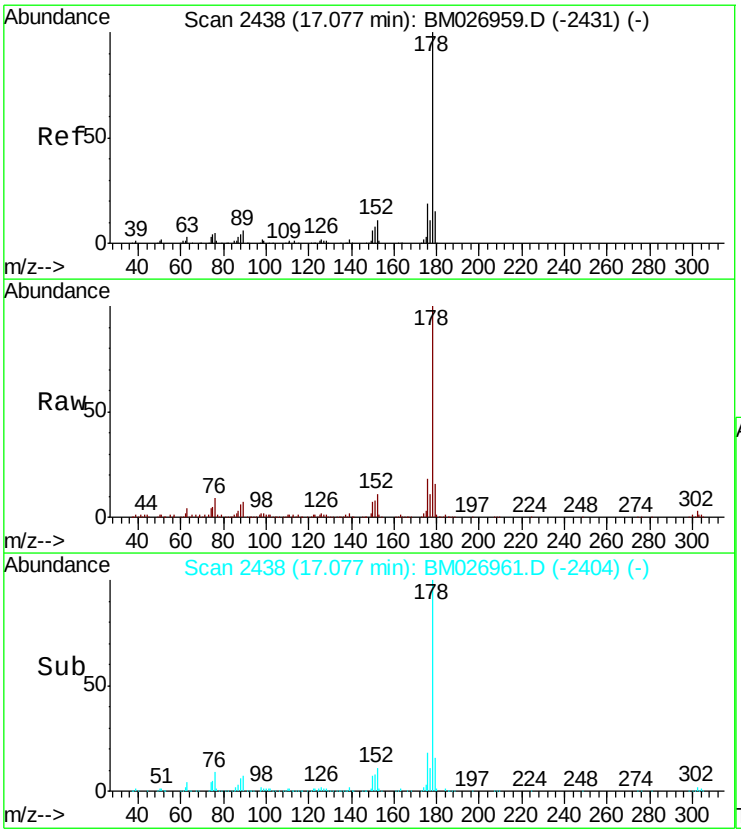
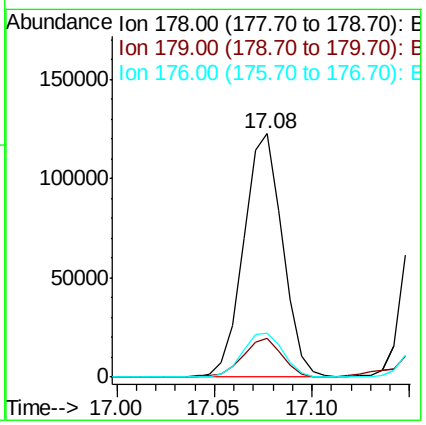
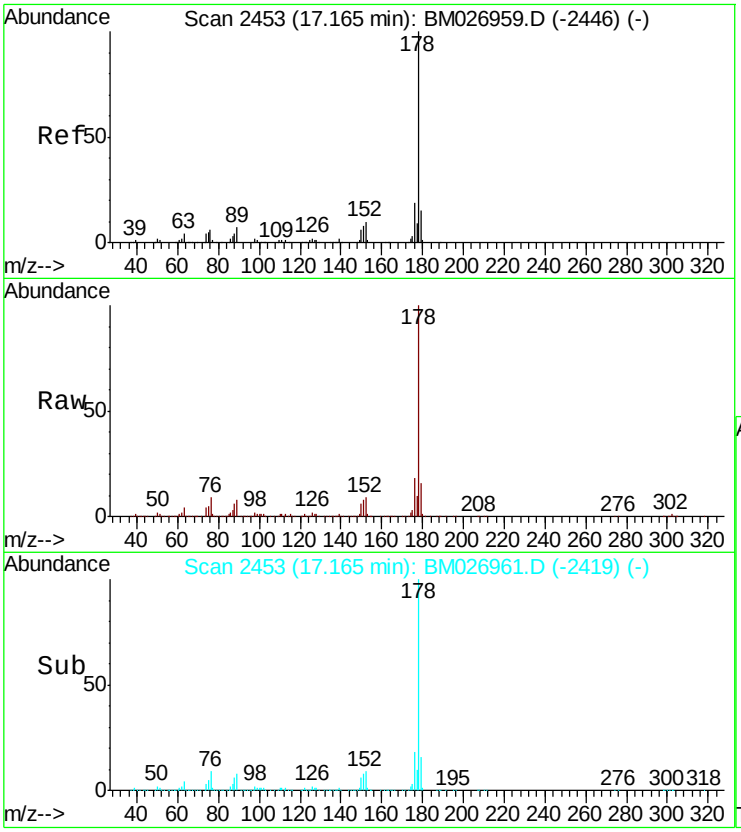


#70
Phenanthrene
Concen: 5.018 ng/ul
RT: 17.08 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:178 Resp: 167395

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.0	18.0
176	18.2	14.7	22.1

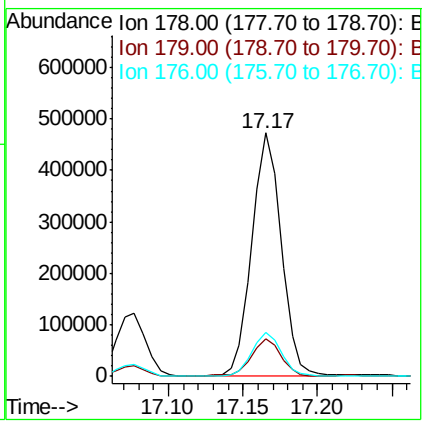




#72
Anthracene
Concen: 18.801 ng/ul
RT: 17.17 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:178 Resp: 644697

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.6
176	18.2	15.0	22.6



Instrument :
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ClientSampleId :
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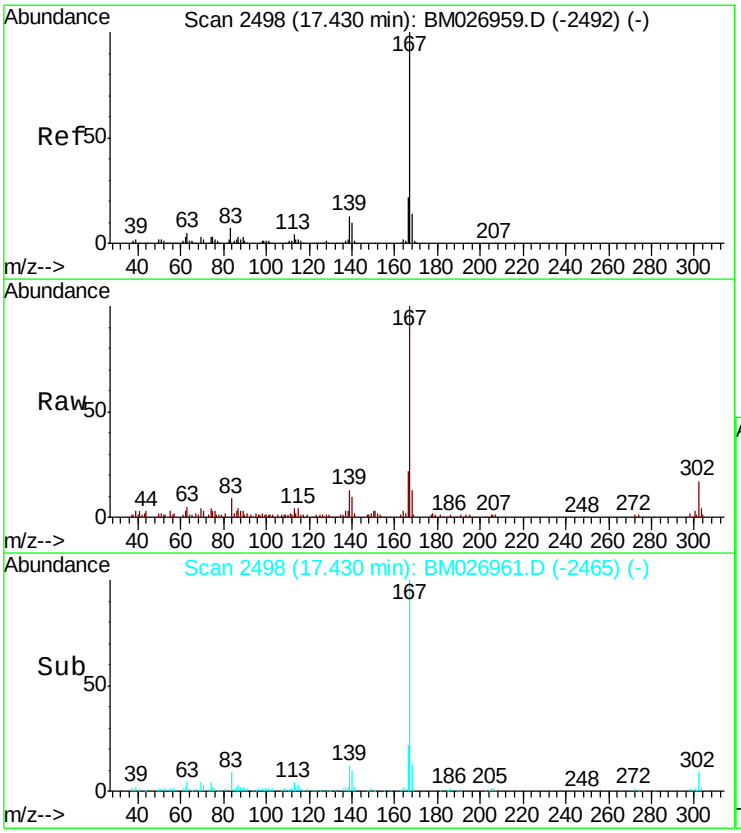
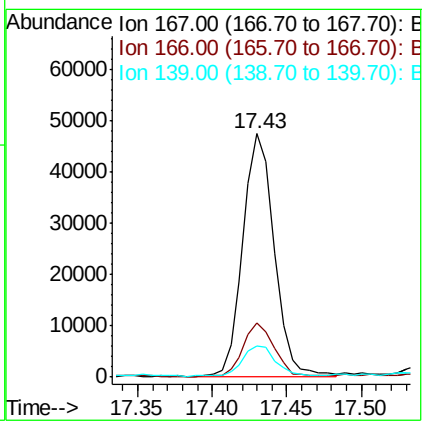
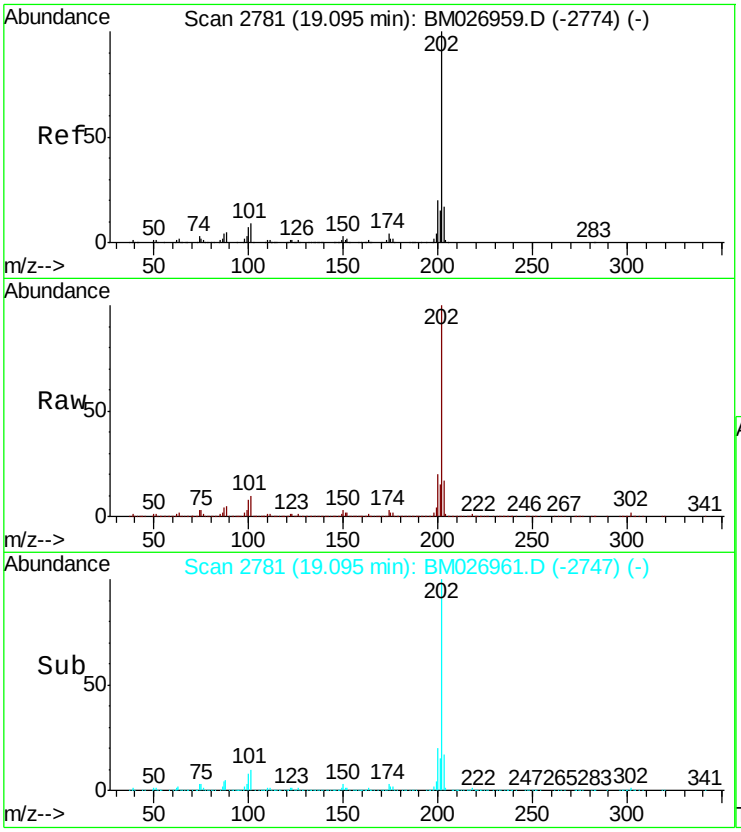


#75
Carbazole
Concen: 2.288 ng/ul
RT: 17.43 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:167 Resp: 69353

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.1	25.7
139	12.7	10.1	15.1

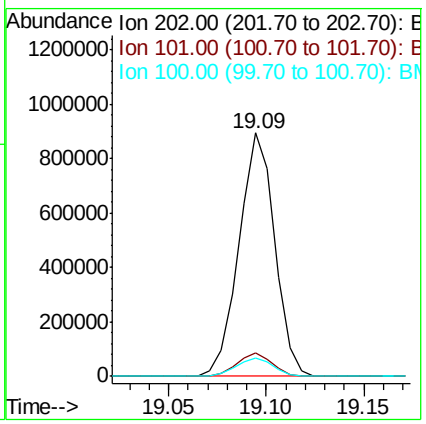




#77
Fluoranthene
Concen: 28.711 ng/ul
RT: 19.09 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:202 Resp: 1130940

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.7	11.5
100	7.7	6.2	9.4



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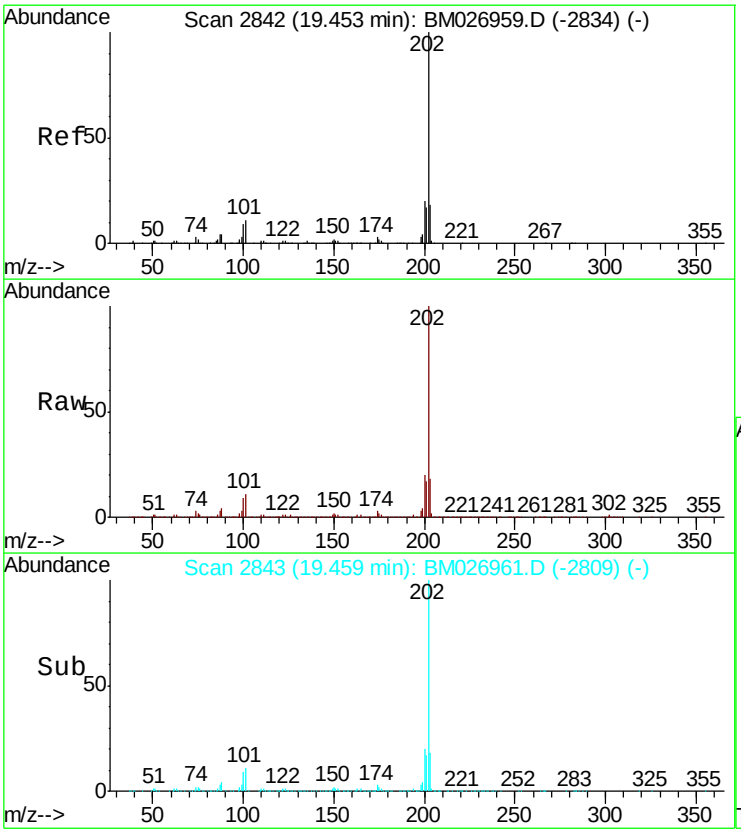
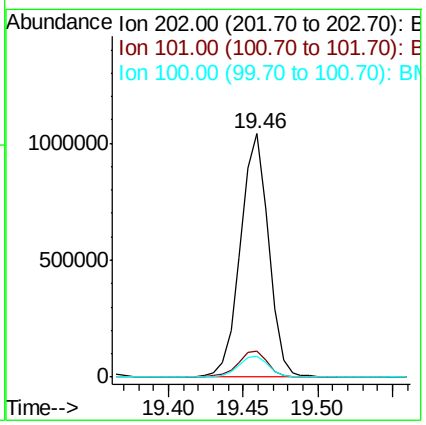
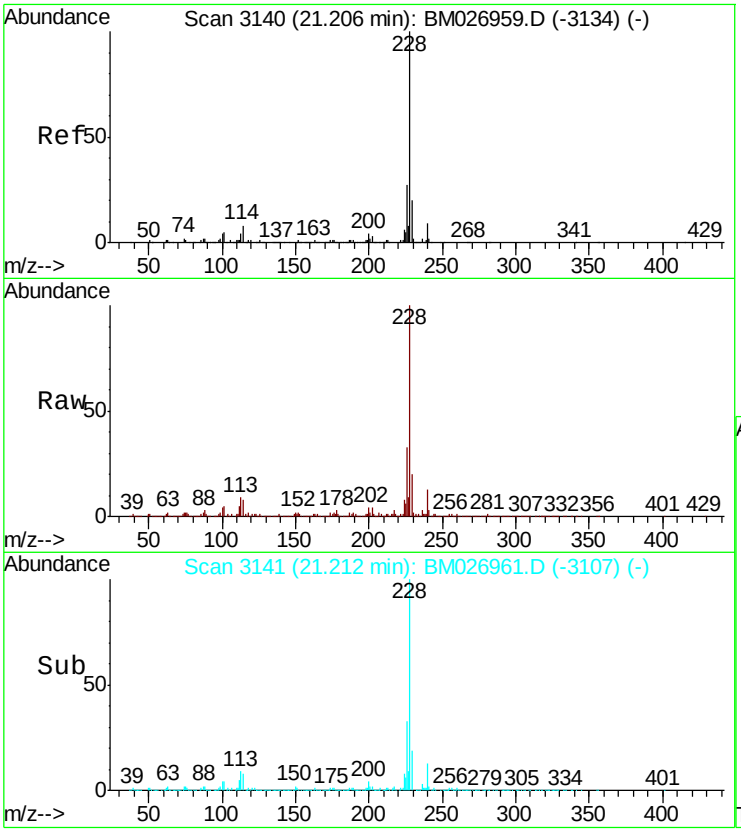


#80
Pyrene
Concen: 33.634 ng/ul
RT: 19.46 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:202 Resp: 1352600

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.4	14.2
100	8.7	8.2	12.4

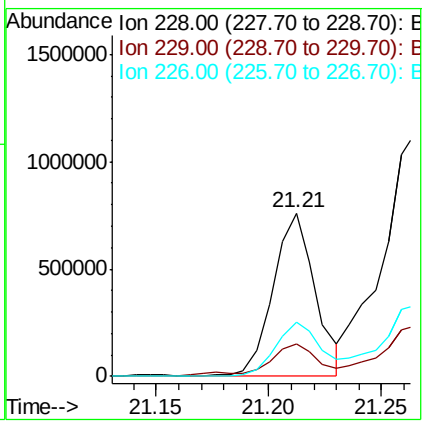




#83
Benzo(a)anthracene
Concen: 26.089 ng/ul m
RT: 21.21 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:228 Resp: 993984

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.4	23.2
226	33.0	20.9	31.3#



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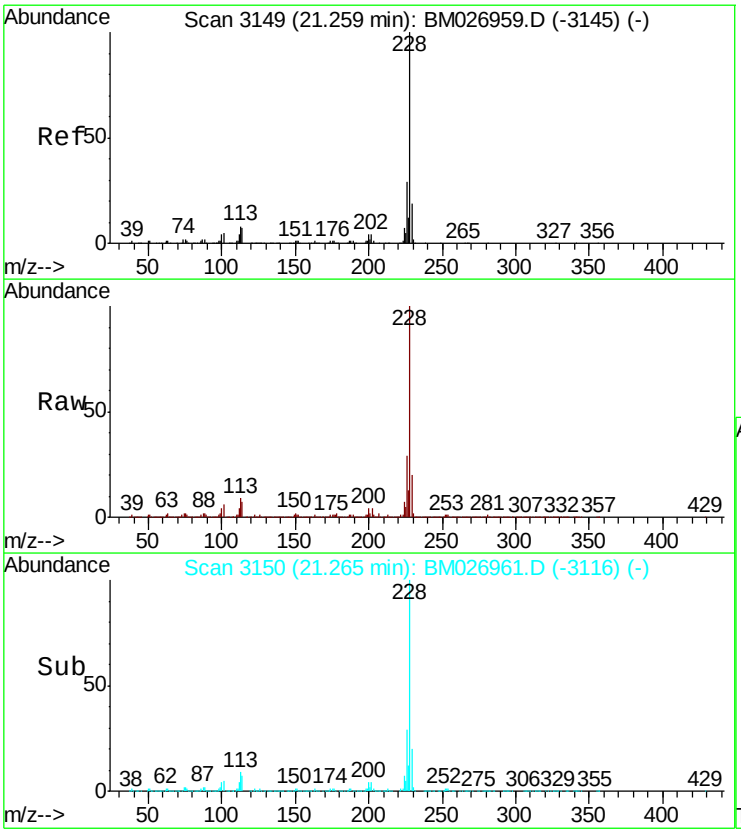
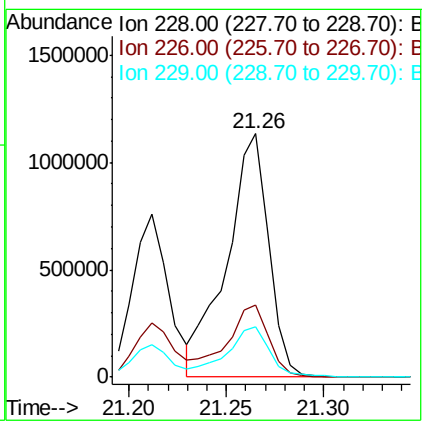
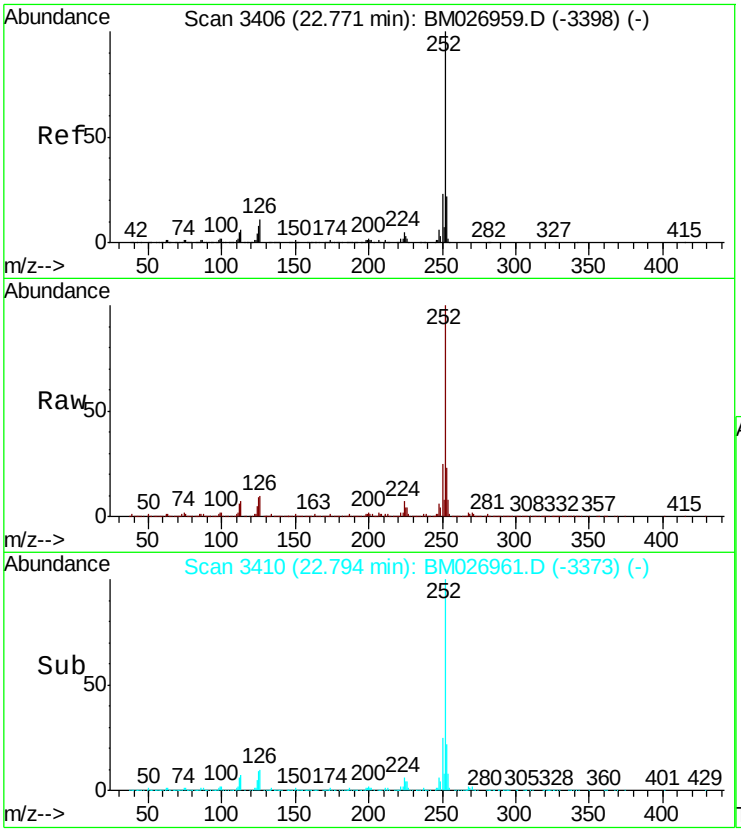


#85
Chrysene
Concen: 45.251 ng/ul
RT: 21.26 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:228 Resp: 1681242

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	20.4	15.5	23.3

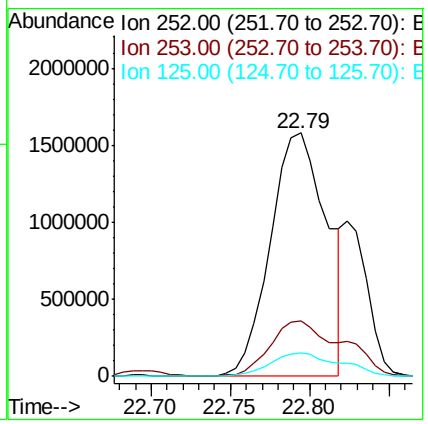




#88
Benzo(b)fluoranthene
Concen: 98.699 ng/ul
RT: 22.79 min Scan# 3410
Delta R.T. 0.02 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:252 Resp: 3907559

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	9.5	6.6	10.0



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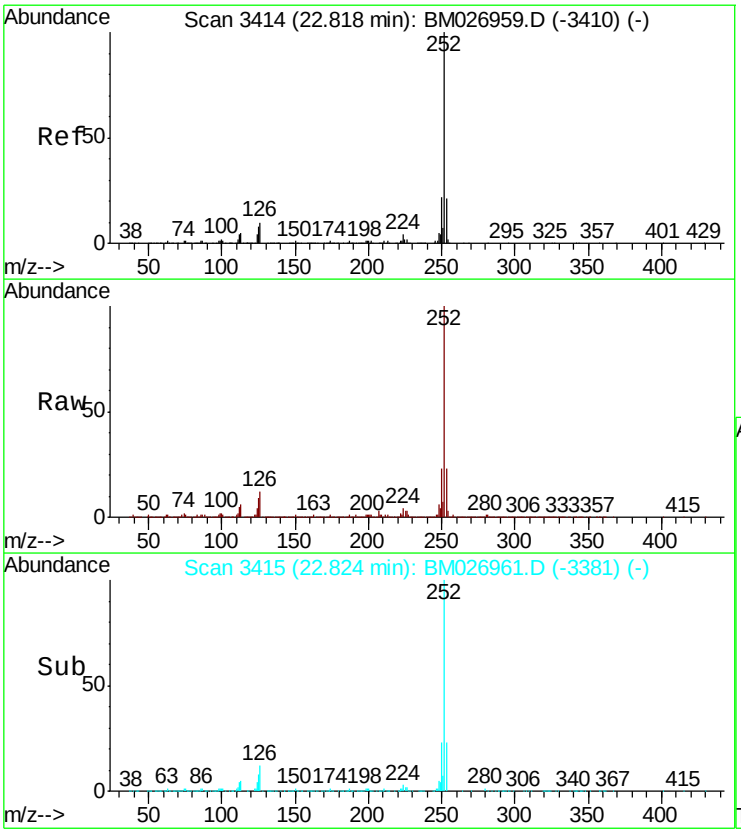
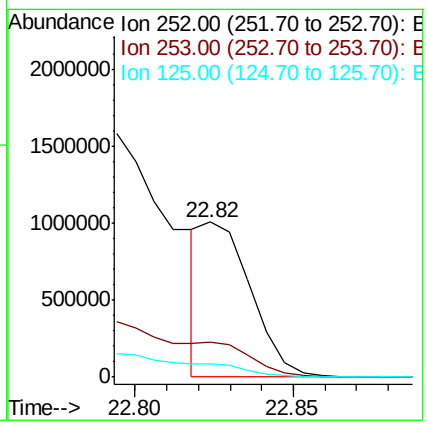
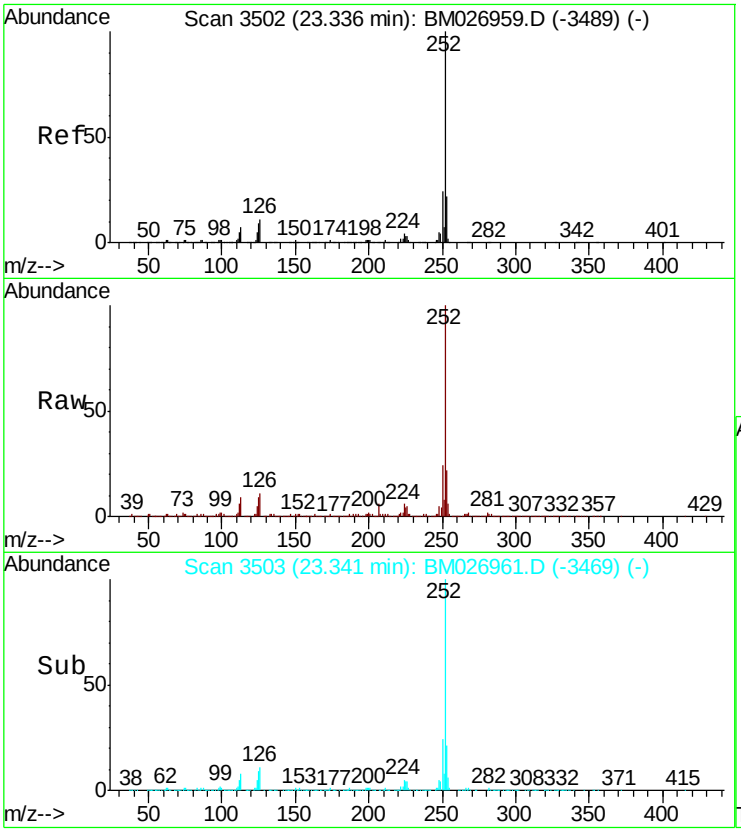


#89
Benzo(k)fluoranthene
Concen: 27.948 ng/ul m
RT: 22.82 min Scan# 3415
Delta R.T. -0.00 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:252 Resp: 1061739

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	8.6	7.3	10.9

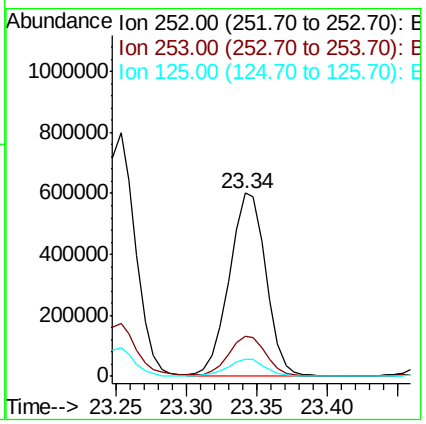




#91
Benzo(a)pyrene
Concen: 30.193 ng/ul
RT: 23.34 min Scan# 3503
Delta R.T. -0.00 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:252 Resp: 1078637

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.4	8.2	12.2



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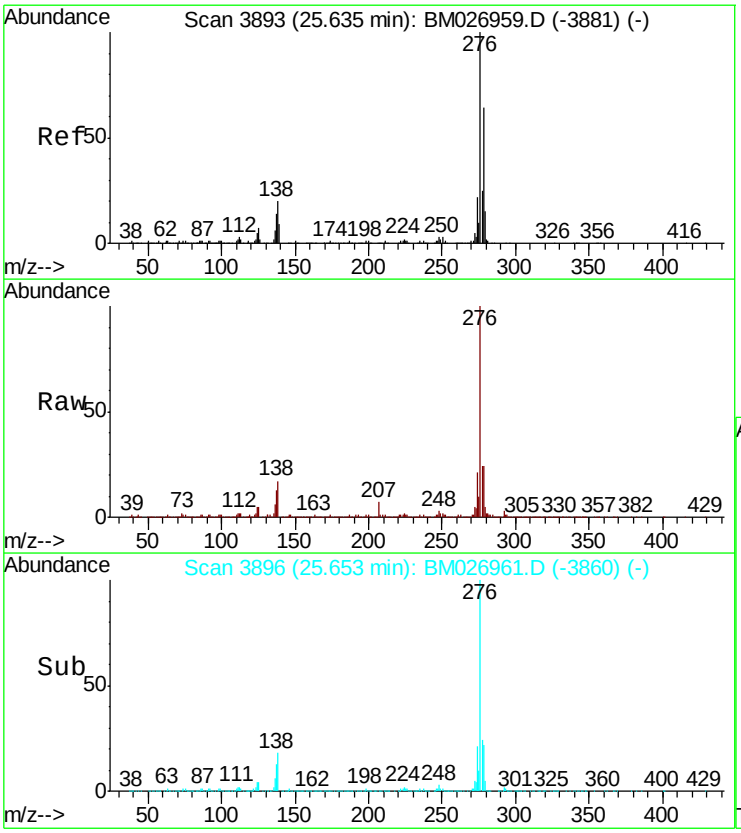
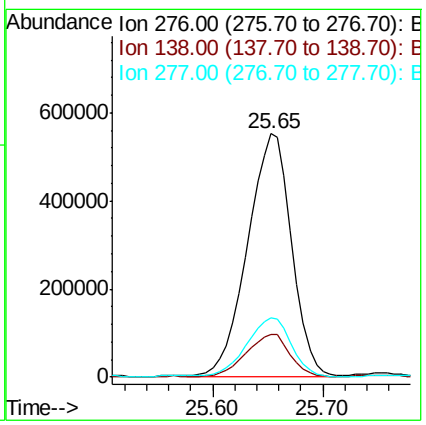
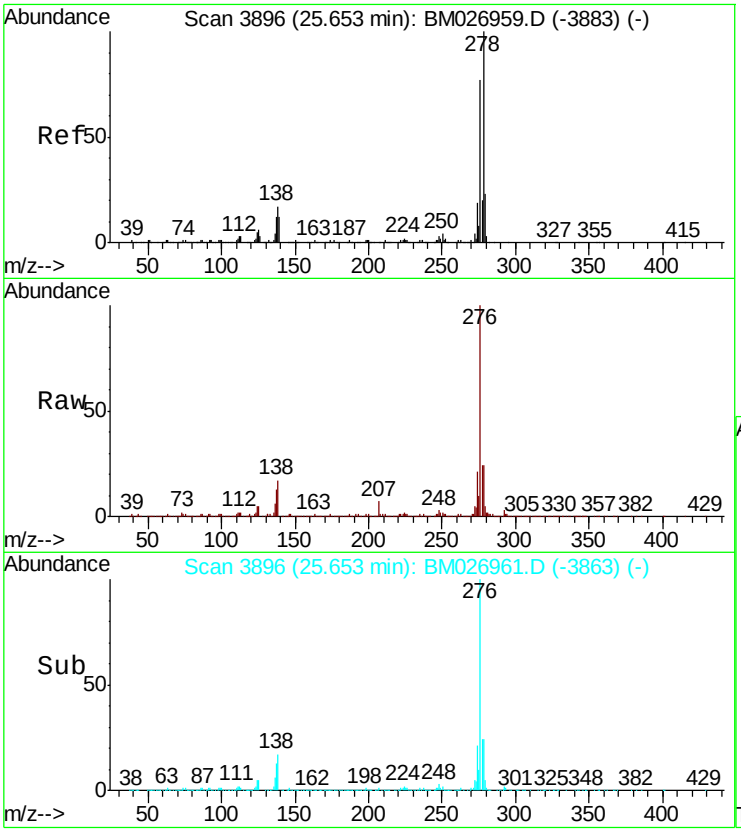


#92
Indeno(1,2,3-cd)pyrene
Concen: 34.658 ng/ul
RT: 25.65 min Scan# 3896
Delta R.T. 0.01 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:276 Resp: 1536031

Ion	Ratio	Lower	Upper
276	100		
138	17.5	17.0	25.4
277	24.4	20.6	30.8





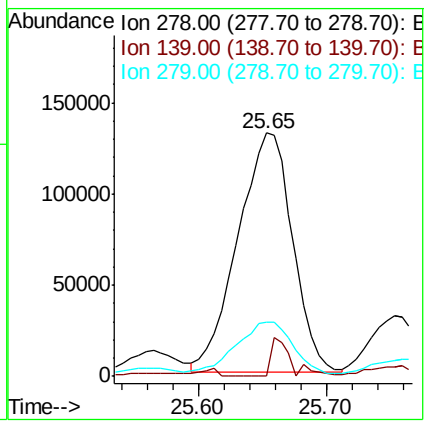
#93
Dibenzo(a,h)anthracene
Concen: 10.359 ng/ul m
RT: 25.65 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

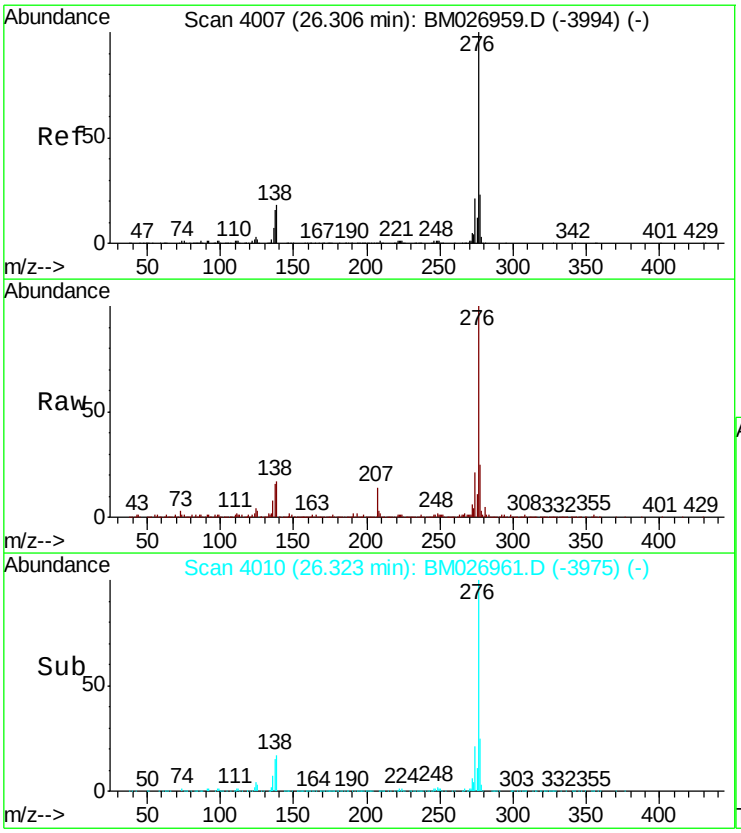
Tgt Ion:278 Resp: 388273

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	22.0	19.4	29.2

Instrument :
BNA_M
ClientSampleId :
C0S78

Manual Integrations APPROVED
mohammad
8/3/2020 12:23:33 PM





#94
Benzo(g,h,i)perylene
Concen: 20.761 ng/ul
RT: 26.32 min Scan# 4010
Delta R.T. 0.01 min
Lab File: BM026961.D
Acq: 31 Jul 2020 16:51

Tgt Ion:276 Resp: 760810

Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.9	22.3
277	24.9	19.1	28.7