Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
Data File : BM028791.D
Acq On : 18 Feb 2021 11:49
Operator : CG/JU
Sample : M1379-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBGZ0

Manual Integrations APPROVED
mohammad
2/19/2021 1:19:32 PM

Quant Time: Feb 18 12:24:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 11:38:36 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	550	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	2314	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	1656	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	2532	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	3128	0.40	ng/ul	0.02
20) Perylene-d12	23.67	264	2320	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	557	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	1236	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	4411	0.766	ng/ul	97
5) 2-Methylnaphthalene	12.36	142	2929	0.759	ng/ul	99
7) Acenaphthylene	14.26	152	1799	0.266	ng/ul#	87
8) Acenaphthene	14.60	153	19531	3.645	ng/ul	97
9) Fluorene	15.59	166	31975	5.377	ng/ul	96
12) Phenanthrene	17.32	178	223919	31.641	ng/ul	94
13) Anthracene	17.41	178	34902	5.172	ng/ul	95
15) Fluoranthene	19.33	202	144708	17.963	ng/ul	92
17) Pyrene	19.69	202	104580	9.201	ng/ul	95
18) Benzo(a)anthracene	21.42	228	29069	2.722	ng/ul	98
19) Chrysene	21.47	228	27132	2.556	ng/ul	99
21) Benzo(b)fluoranthene	23.00	252	23675m	2.982	ng/ul	
22) Benzo(k)fluoranthene	23.04	252	8763m	1.106	ng/ul	
23) Benzo(a)pyrene	23.57	252	14909	2.108	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.92	276	8254	0.896	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.92	278	2256	0.292	ng/ul#	53
26) Benzo(g,h,i)perylene	26.62	276	6647	0.867	ng/ul	97

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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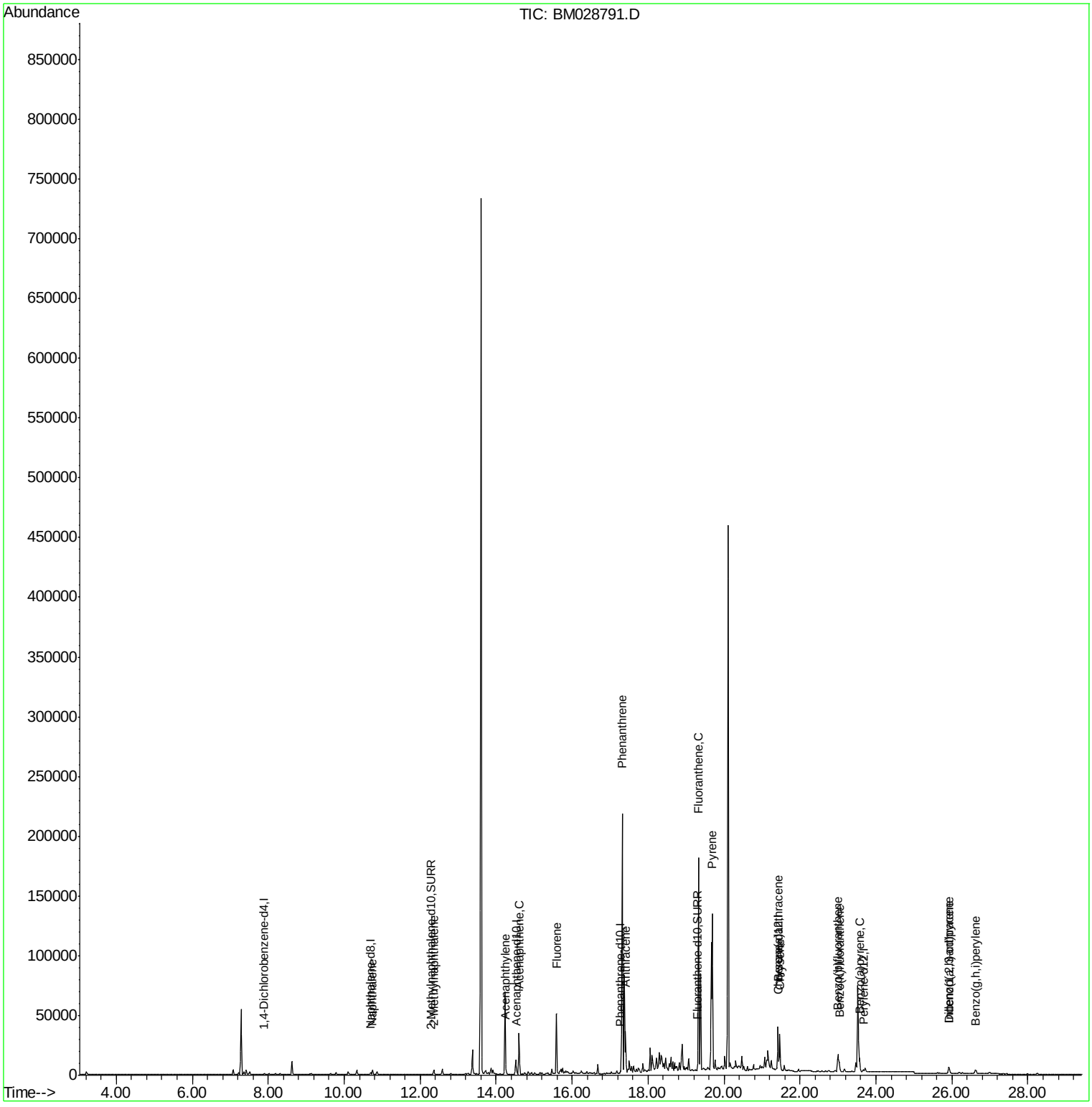
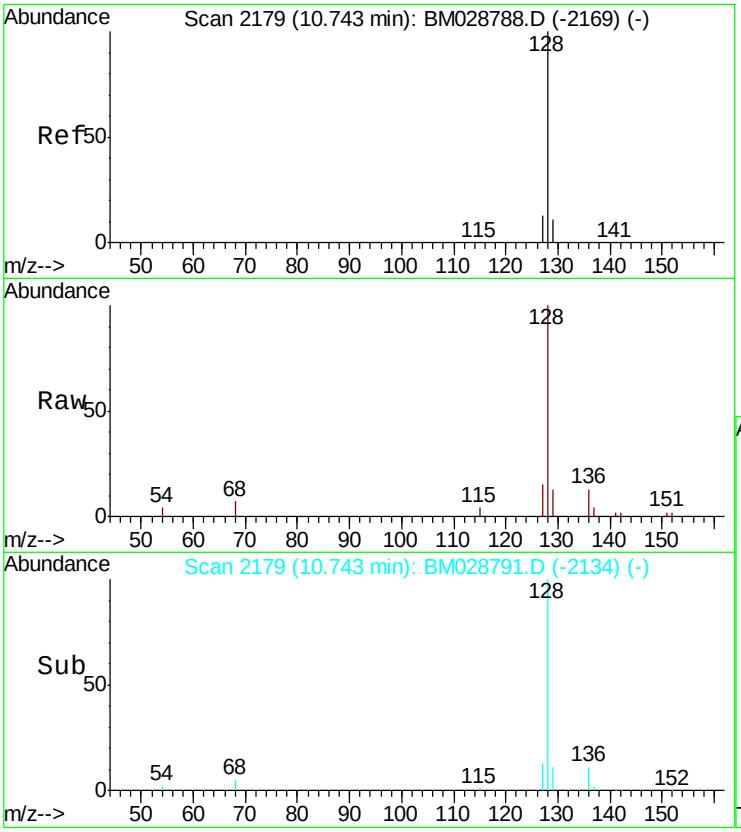
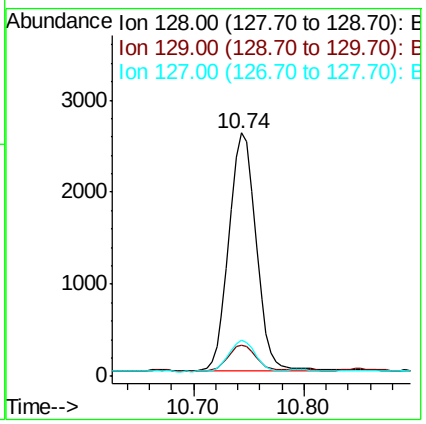




#3
Naphthalene
Concen: 0.766 ng/ul
RT: 10.74 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:128 Resp: 4411

Ion	Ratio	Lower	Upper
128	100		
129	13.0	11.4	17.2
127	15.0	13.0	19.6



Instrument :
BNA_M
ClientSampleId :
DBGZ0

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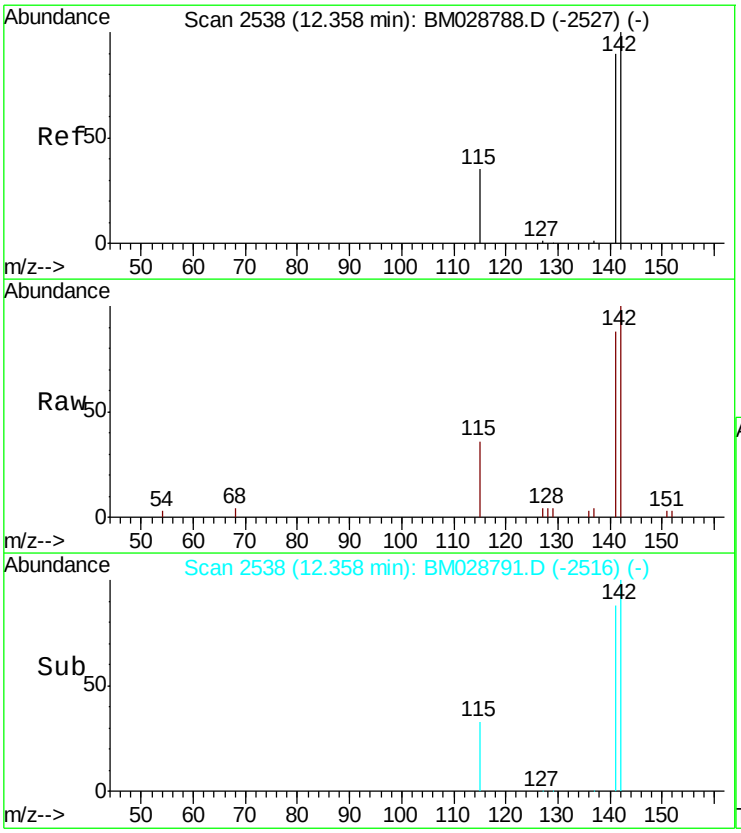
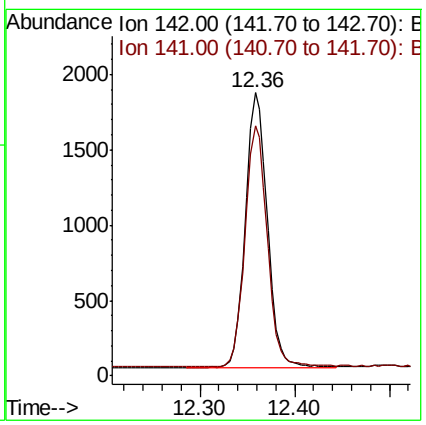
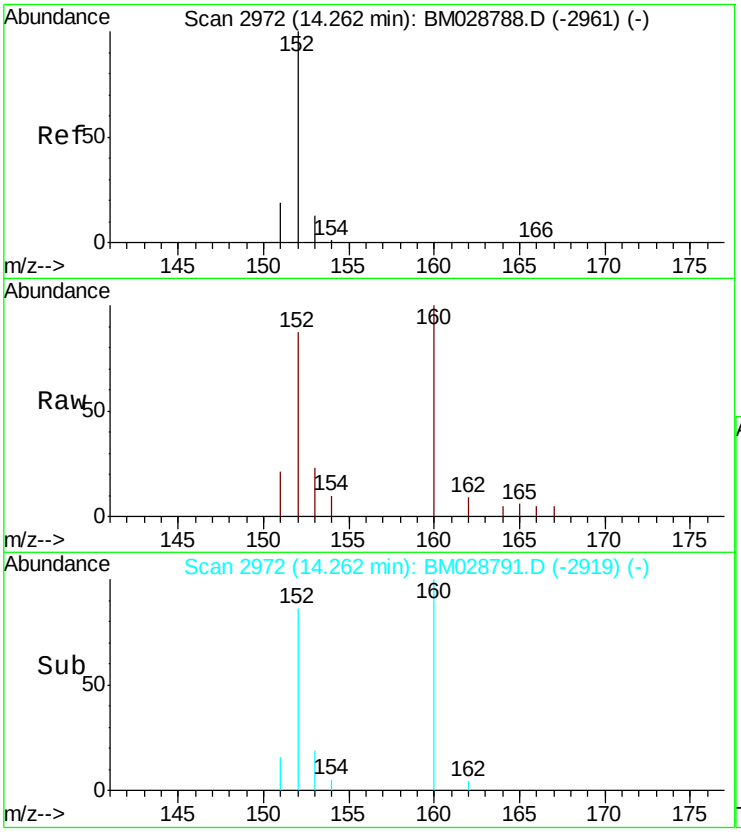


#5
2-Methylnaphthalene
Concen: 0.759 ng/ul
RT: 12.36 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:142 Resp: 2929

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.4





#7
Acenaphthylene
Concen: 0.266 ng/ul
RT: 14.26 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:152 Resp: 1799

Ion	Ratio	Lower	Upper
152	100		
151	24.4	18.0	27.0
153	27.0	13.4	20.0#

Instrument :
BNA_M
ClientSampleId :
DBGZ0

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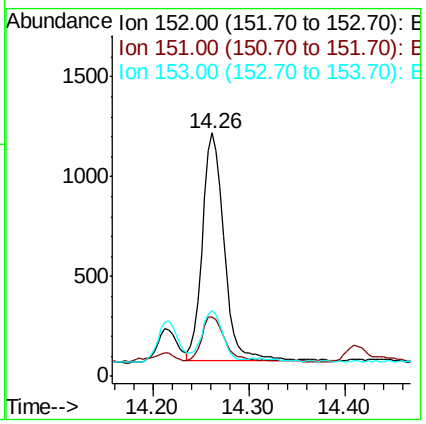
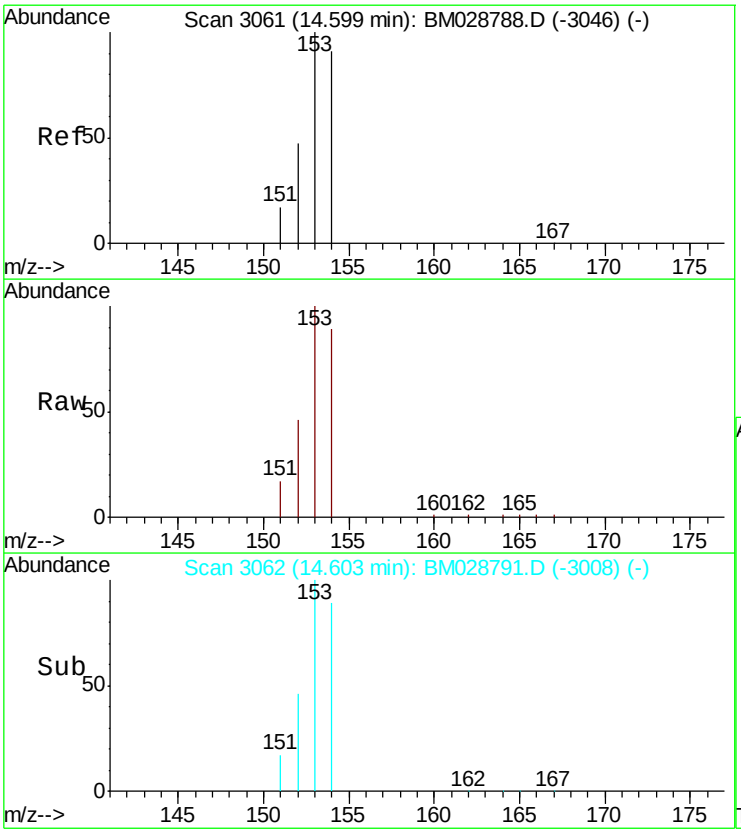
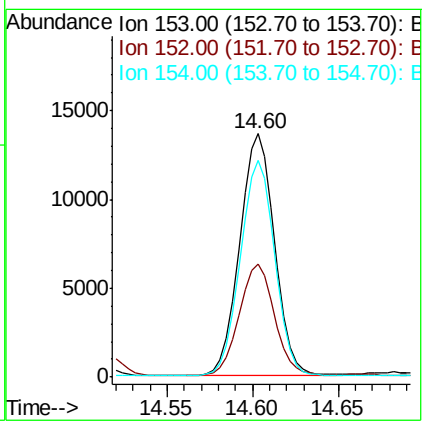


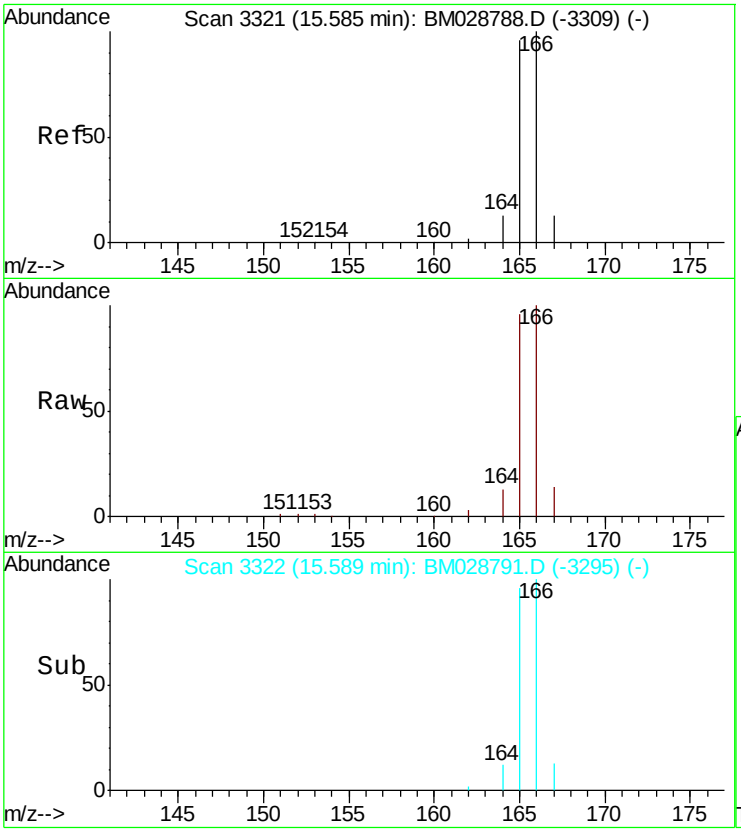


#8
Acenaphthene
Concen: 3.645 ng/ul
RT: 14.60 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:153 Resp: 19531

Ion	Ratio	Lower	Upper
153	100		
152	46.4	39.6	59.4
154	89.3	70.3	105.5

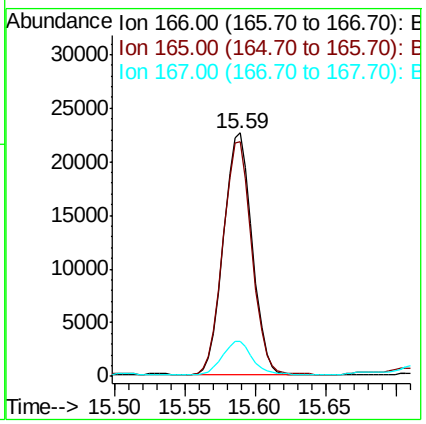




#9
Fluorene
Concen: 5.377 ng/ul
RT: 15.59 min Scan# 3322
Delta R.T. 0.00 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:166 Resp: 31975

Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.6	119.4
167	14.2	13.9	20.9



Instrument :
BNA_M
ClientSampleId :
DBGZ0

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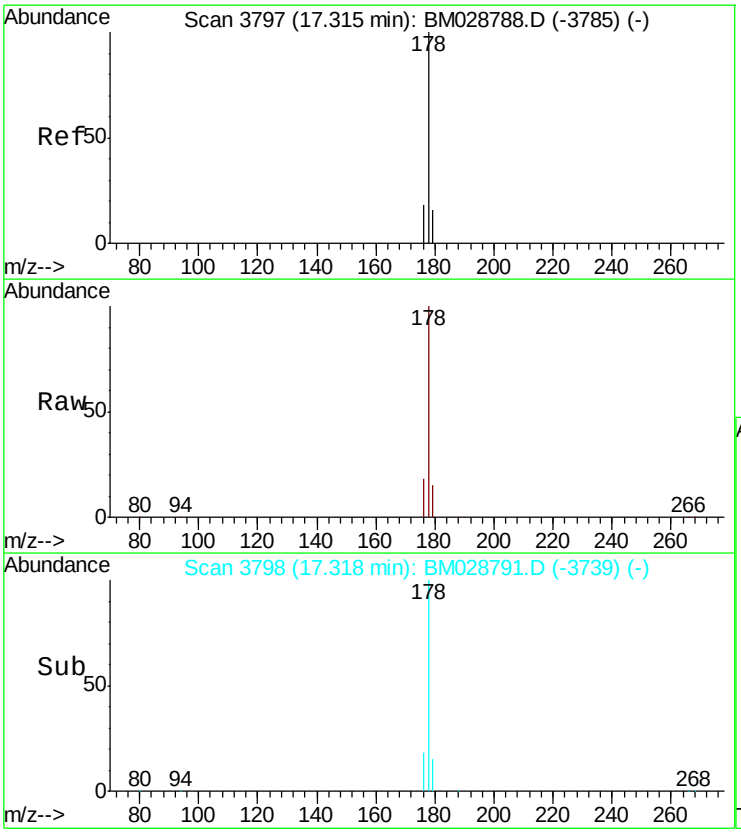
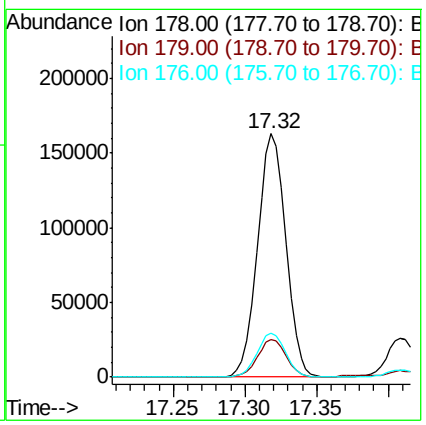
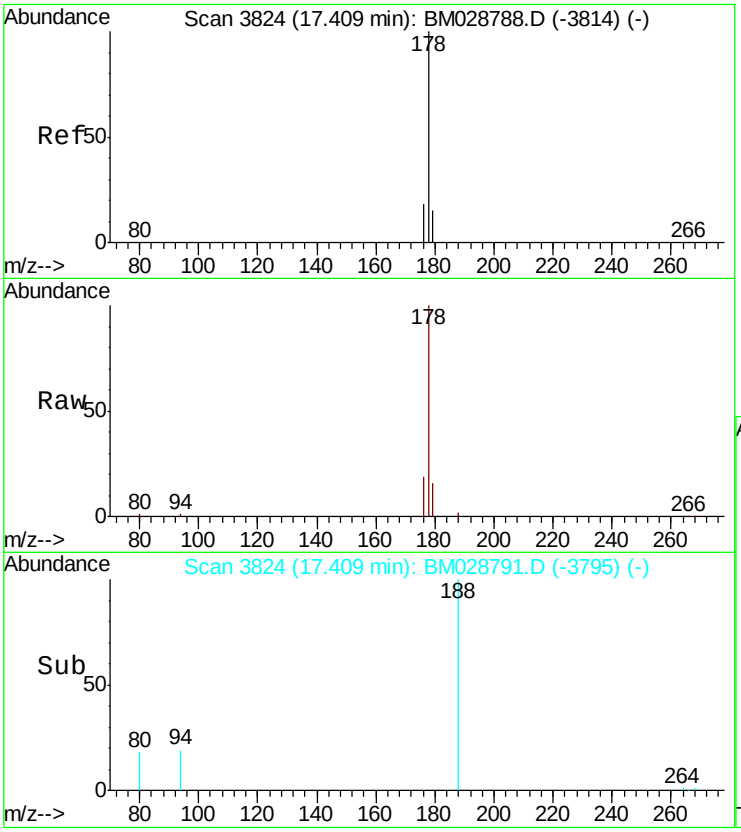


#12
Phenanthrene
Concen: 31.641 ng/ul
RT: 17.32 min Scan# 3798
Delta R.T. 0.00 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:178 Resp: 223919

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.7	22.1
176	18.3	16.7	25.1

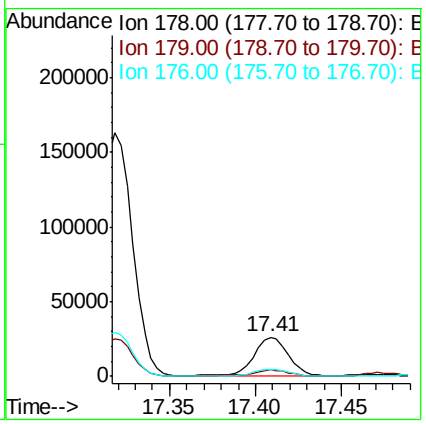




#13
Anthracene
Concen: 5.172 ng/ul
RT: 17.41 min Scan# 3824
Delta R.T. -0.00 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:178 Resp: 34902

Ion	Ratio	Lower	Upper
178	100		
179	16.1	15.0	22.4
176	18.9	16.6	24.8



Instrument :
BNA_M
ClientSampleId :
DBGZ0

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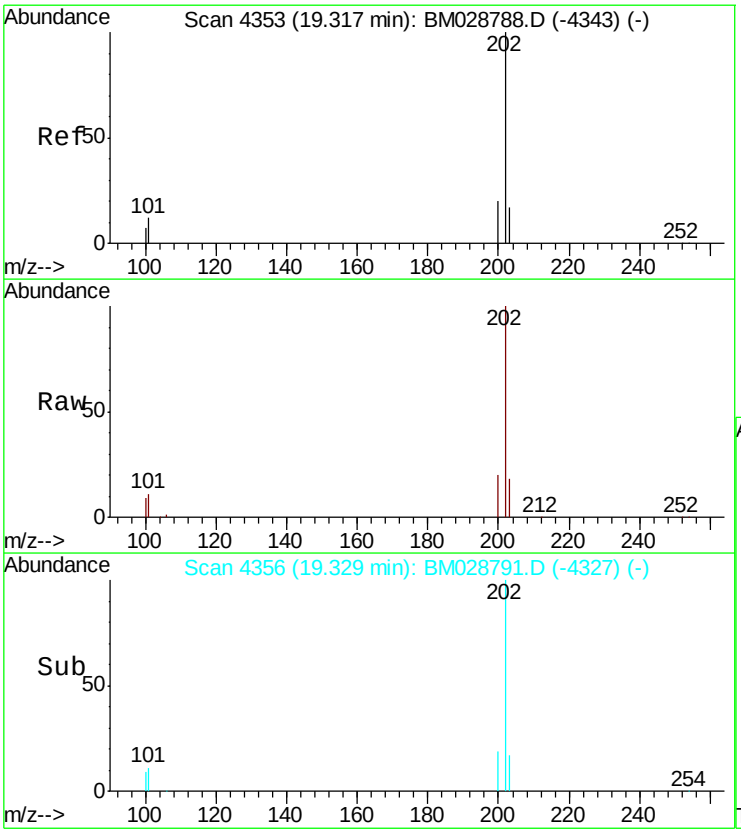
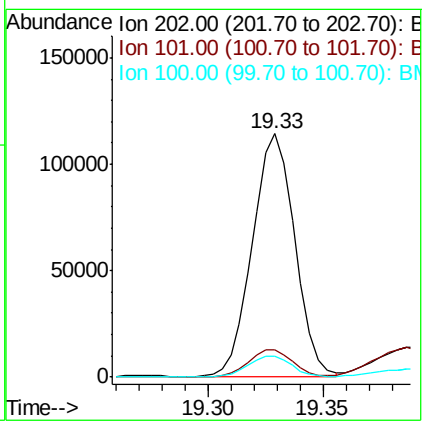
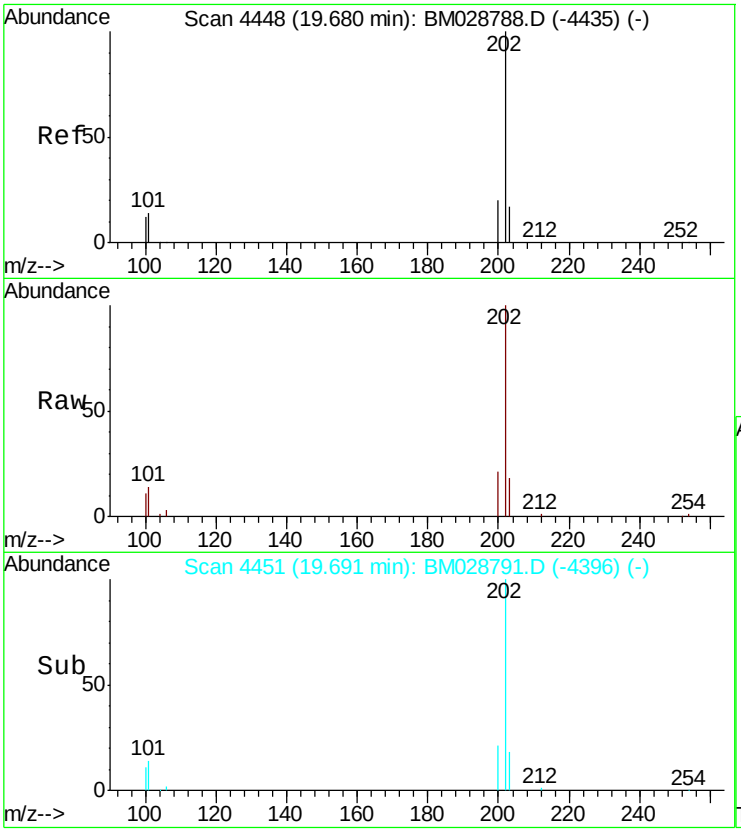


#15
Fluoranthene
Concen: 17.963 ng/ul
RT: 19.33 min Scan# 4356
Delta R.T. 0.01 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:202 Resp: 144708

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.5
100	8.7	0.0	31.7

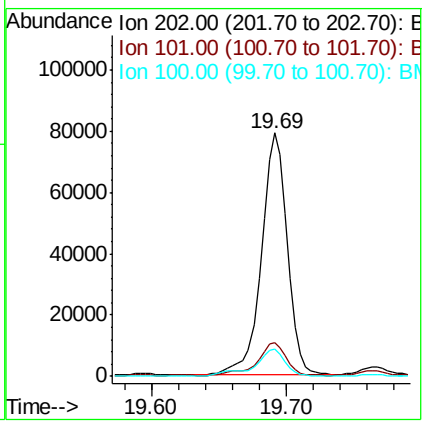




#17
Pyrene
Concen: 9.201 ng/ul
RT: 19.69 min Scan# 4451
Delta R.T. 0.01 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:202 Resp: 104580

Ion	Ratio	Lower	Upper
202	100		
101	13.9	12.7	19.1
100	11.1	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
DBGZ0

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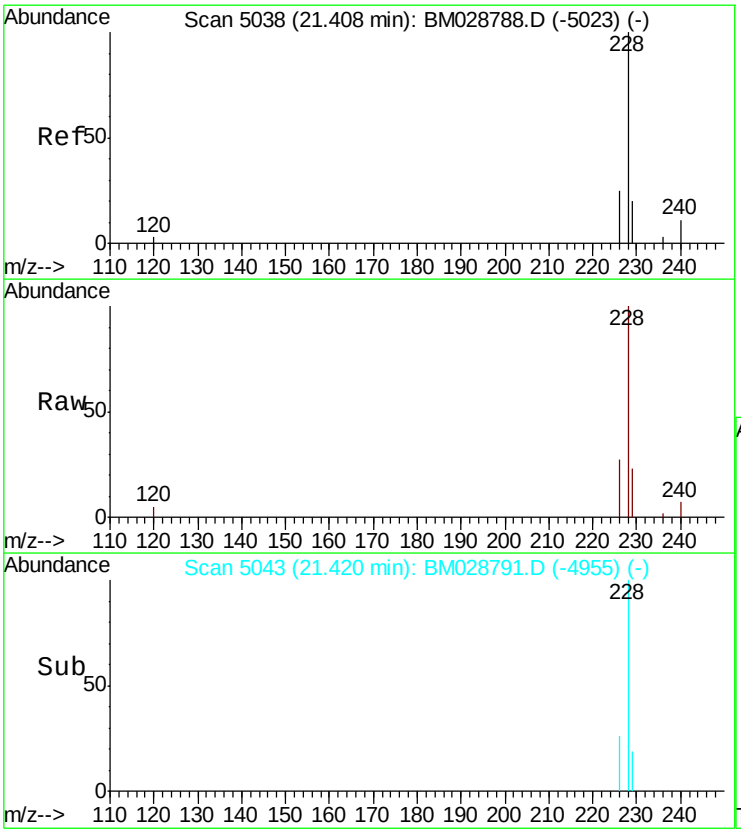
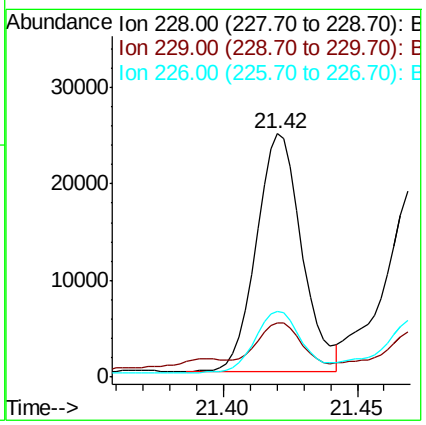
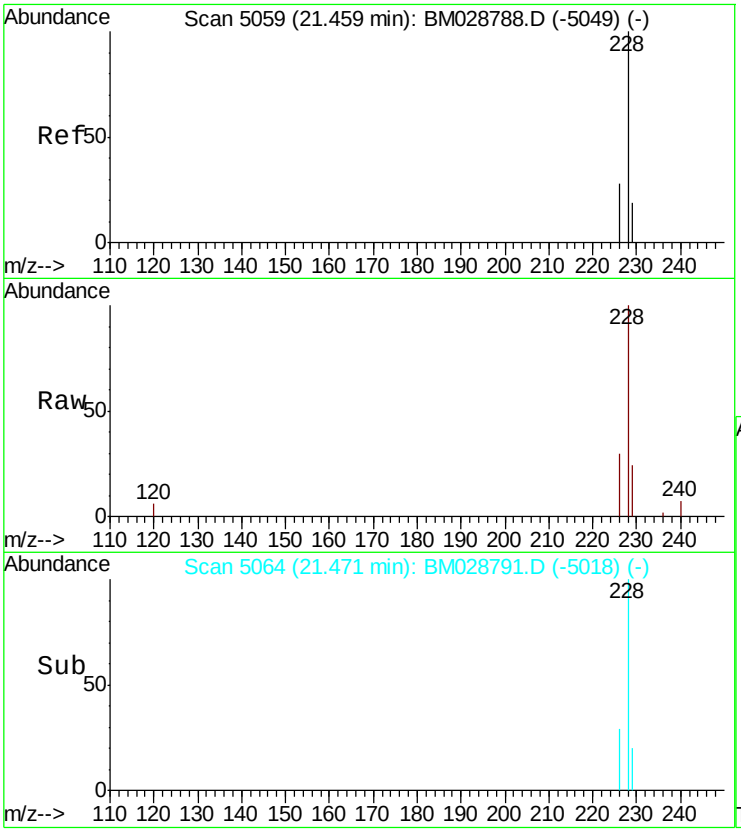


#18
Benzo(a)anthracene
Concen: 2.722 ng/ul
RT: 21.42 min Scan# 5043
Delta R.T. 0.01 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:228 Resp: 29069

Ion	Ratio	Lower	Upper
228	100		
229	22.5	18.9	28.3
226	27.2	22.6	34.0

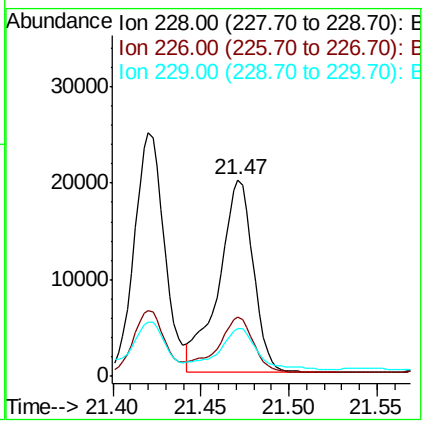




#19
Chrysene
Concen: 2.556 ng/ul
RT: 21.47 min Scan# 5064
Delta R.T. 0.01 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:228 Resp: 27132

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	24.4	18.8	28.2



Instrument :
BNA_M
ClientSampleId :
DBGZ0

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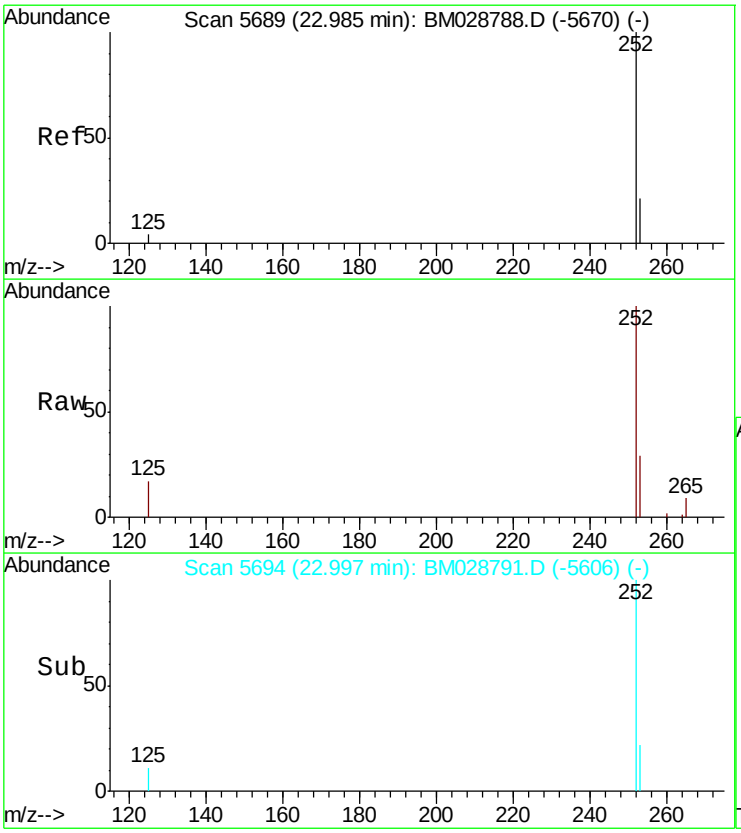
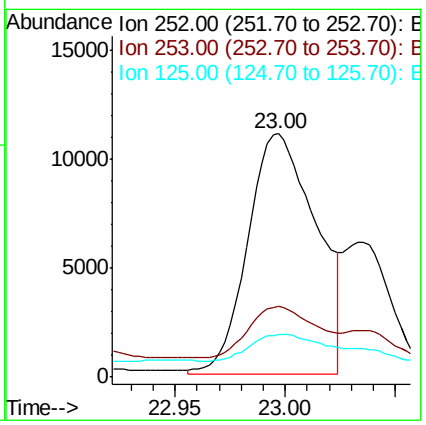
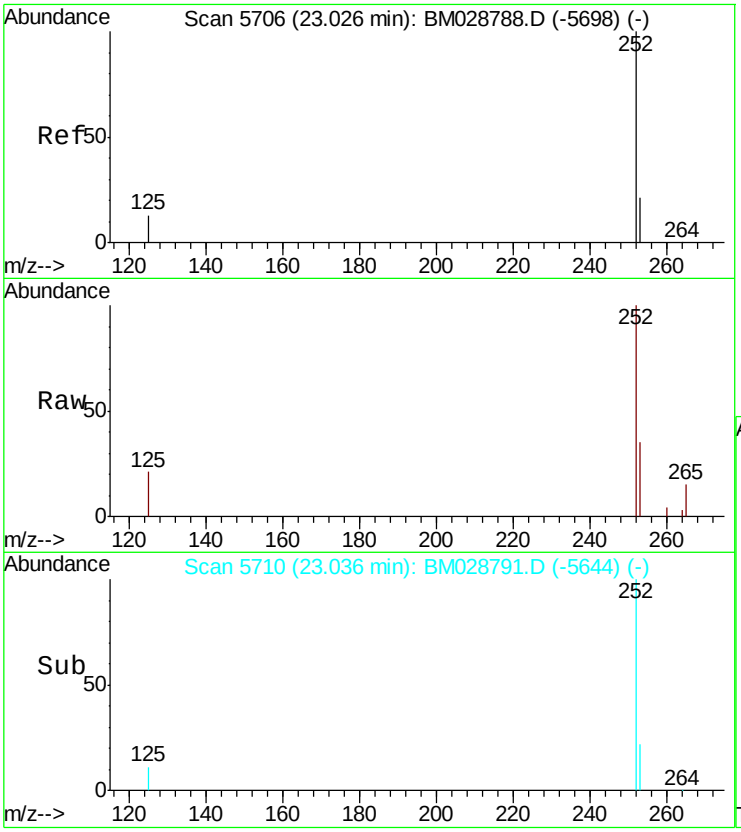


#21
Benzo(b)fluoranthene
Concen: 2.982 ng/ul m
RT: 23.00 min Scan# 5694
Delta R.T. 0.01 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:252 Resp: 23675

Ion	Ratio	Lower	Upper
252	100		
253	29.2	0.0	67.0
125	17.5	0.0	57.4





#22
Benzo(k)fluoranthene
Concen: 1.106 ng/ul m
RT: 23.04 min Scan# 5710
Delta R.T. 0.01 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:252 Resp: 8763

Ion	Ratio	Lower	Upper
252	100		
253	34.7	26.3	39.5
125	21.4	22.9	34.3#

Instrument :
BNA_M
ClientSampleId :
DBGZ0

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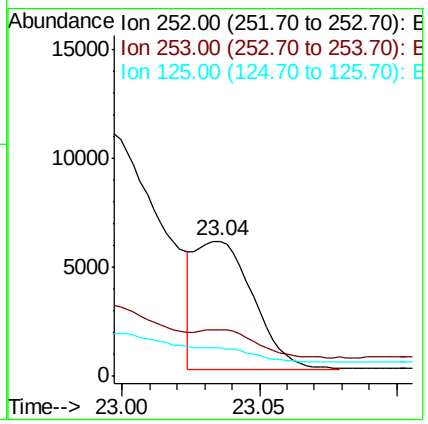
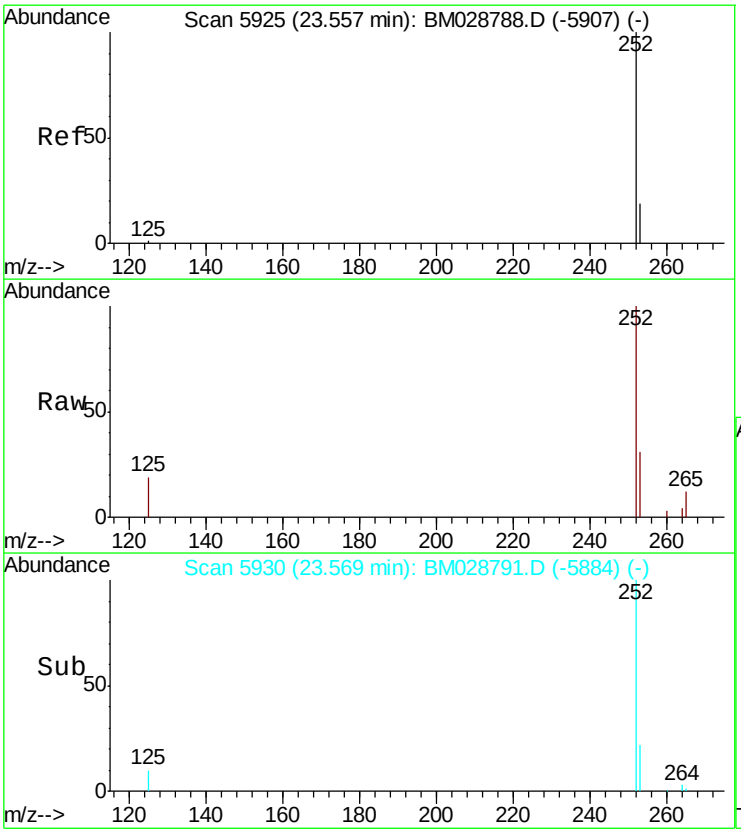
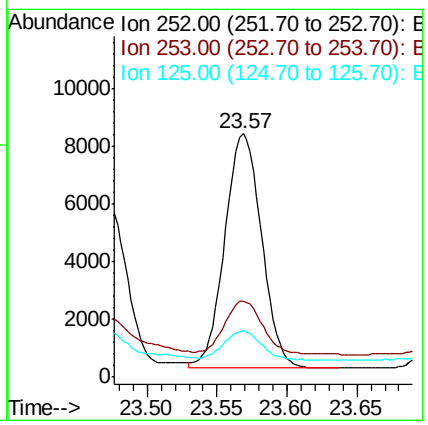


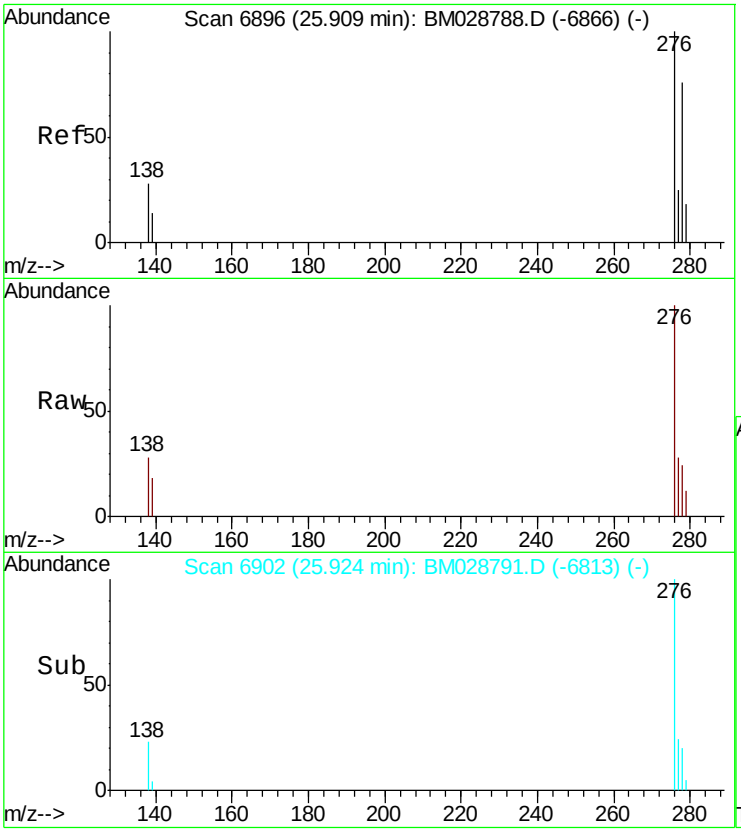


#23
Benzo(a)pyrene
Concen: 2.108 ng/ul
RT: 23.57 min Scan# 5930
Delta R.T. 0.01 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:252 Resp: 14909

Ion	Ratio	Lower	Upper
252	100		
253	31.3	28.7	43.1
125	19.1	27.9	41.9#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.896 ng/ul
RT: 25.92 min Scan# 6902
Delta R.T. 0.01 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:276 Resp: 8254

Ion	Ratio	Lower	Upper
276	100		
138	24.5	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
DBGZ0

Manual Integrations APPROVED
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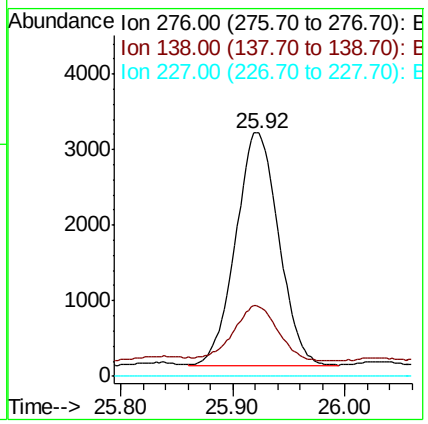
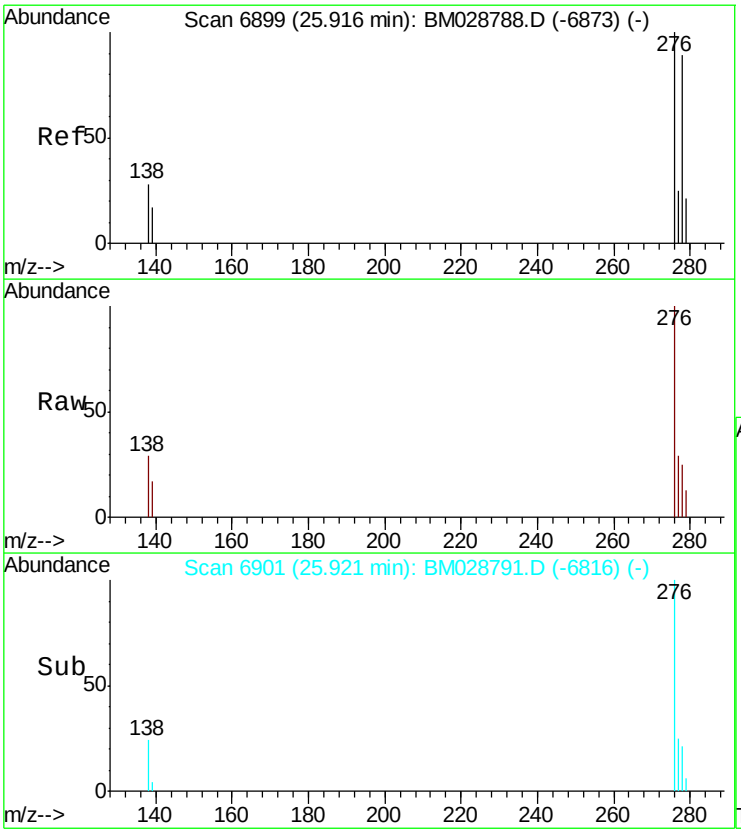
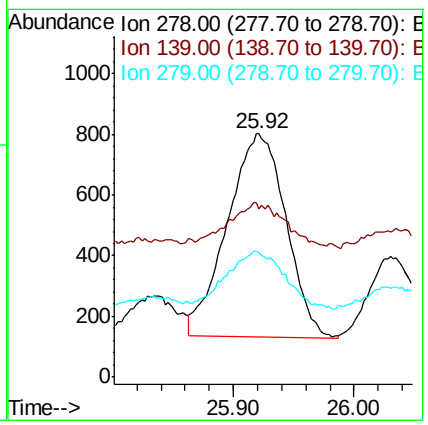


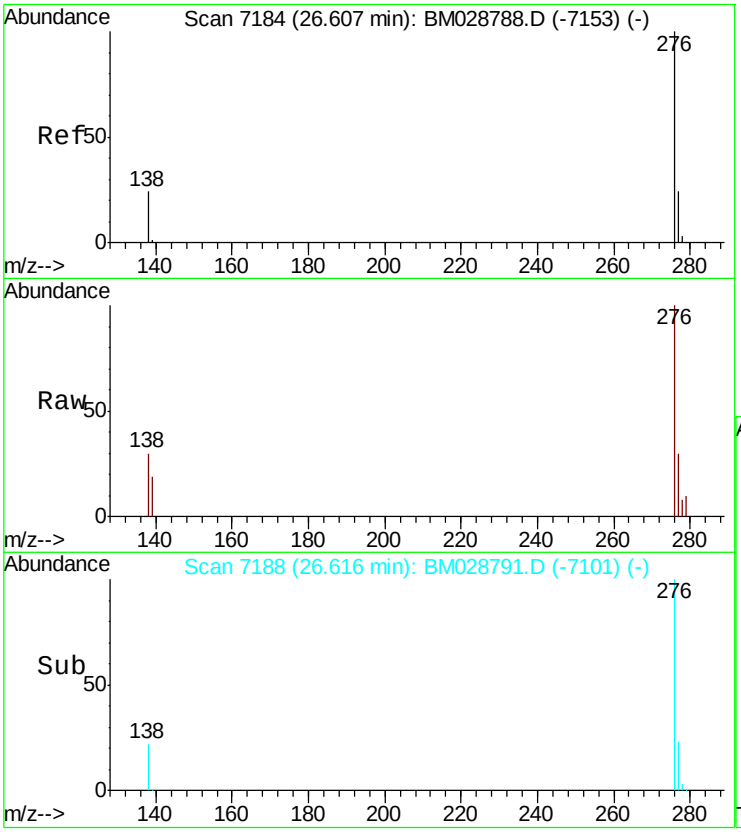


#25
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 25.92 min Scan# 6901
Delta R.T. 0.00 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:278 Resp: 2256

Ion	Ratio	Lower	Upper
278	100		
139	69.2	24.9	37.3#
279	51.1	28.3	42.5#

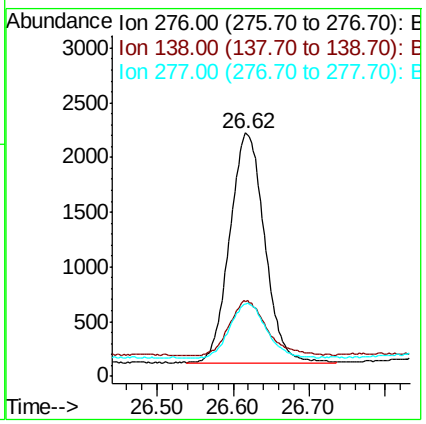




#26
Benzo(g,h,i)perylene
Concen: 0.867 ng/ul
RT: 26.62 min Scan# 7188
Delta R.T. 0.01 min
Lab File: BM028791.D
Acq: 18 Feb 2021 11:49

Tgt Ion:276 Resp: 6647

Ion	Ratio	Lower	Upper
276	100		
138	30.4	25.4	38.2
277	29.6	25.3	37.9



Instrument :
BNA_M
ClientSampleId :
DBGZ0

Manual Integrations APPROVED
mohammad
2/19/2021 1:19:32 PM