Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027813.D
Acq On : 17 Nov 2020 10:50
Operator : JU/CG
Sample : L4762-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB9

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:43 AM

Quant Time: Nov 17 11:22:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1211	0.40	ng/ul	0.00
2) Naphthalene-d8	11.22	136	4738	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	2968	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	5529m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	3547	0.40	ng/ul	0.00
20) Perylene-d12	24.24	264	3430	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.77	152	1768	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	2555	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.26	128	43085	2.846	ng/ul	94
5) 2-Methylnaphthalene	12.85	142	20086	1.907	ng/ul	99
7) Acenaphthylene	14.71	152	8997	0.616	ng/ul#	97
8) Acenaphthene	15.05	153	75256	6.724	ng/ul	98
9) Fluorene	16.02	166	51143	3.799	ng/ul	98
12) Phenanthrene	17.74	178	606825	33.715	ng/ul	96
13) Anthracene	17.83	178	88153	5.030	ng/ul	98
15) Fluoranthene	19.72	202	629345	30.547	ng/ul	99
17) Pyrene	20.07	202	492047	31.281	ng/ul#	95
18) Benzo(a)anthracene	21.78	228	210102	14.822	ng/ul	98
19) Chrysene	21.84	228	224598	15.554	ng/ul	98
21) Benzo(b)fluoranthene	23.50	252	266960m	17.008	ng/ul	
22) Benzo(k)fluoranthene	23.54	252	112164m	7.279	ng/ul	
23) Benzo(a)pyrene	24.13	252	179523	13.005	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	26.76	276	129592	8.242	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.76	278	31364	2.388	ng/ul#	86
26) Benzo(g,h,i)perylene	27.54	276	121284	9.115	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027813.D
Acq On : 17 Nov 2020 10:50
Operator : JU/CG
Sample : L4762-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 17 11:22:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AB9

Manual Integrations APPROVED

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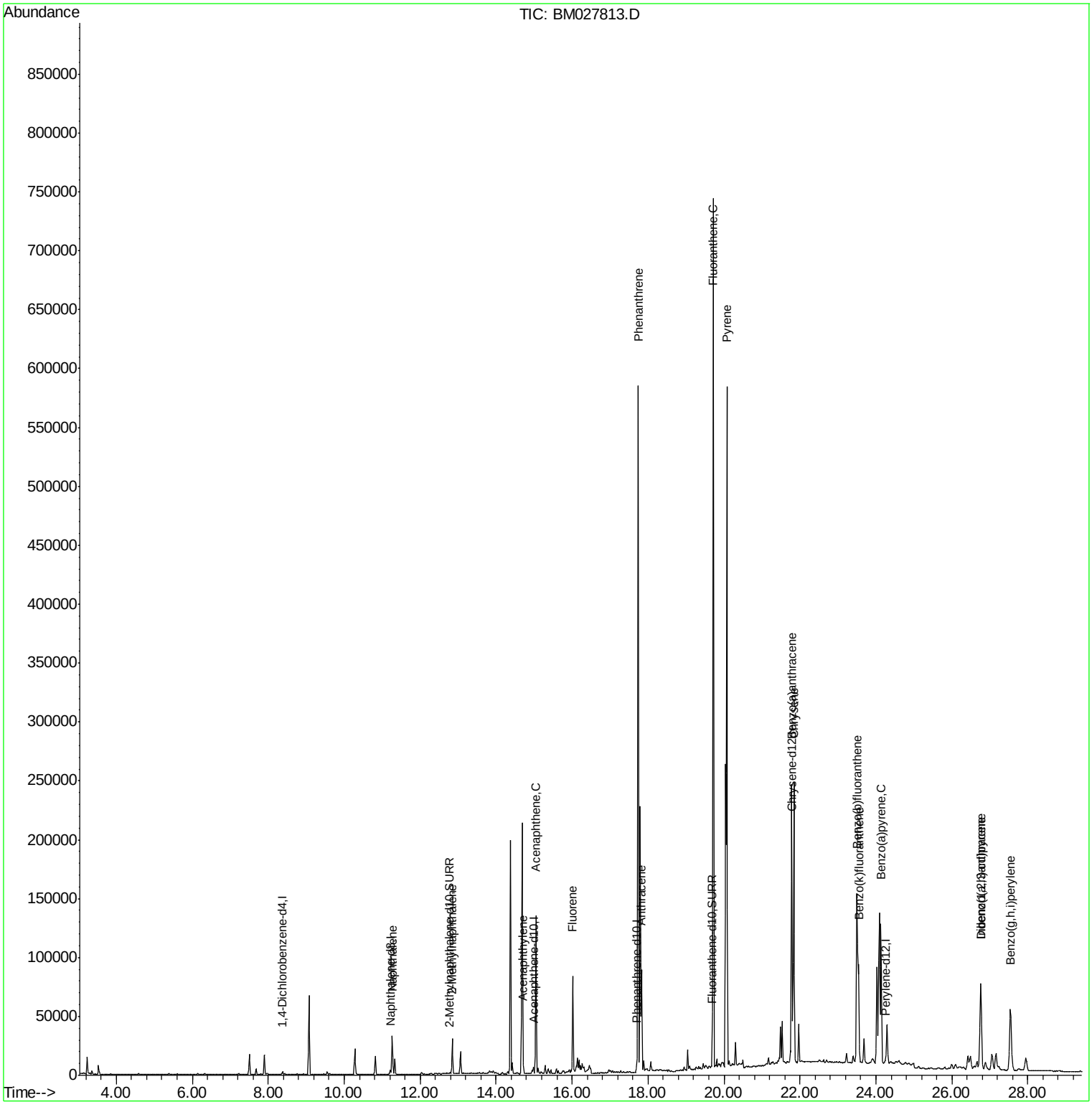
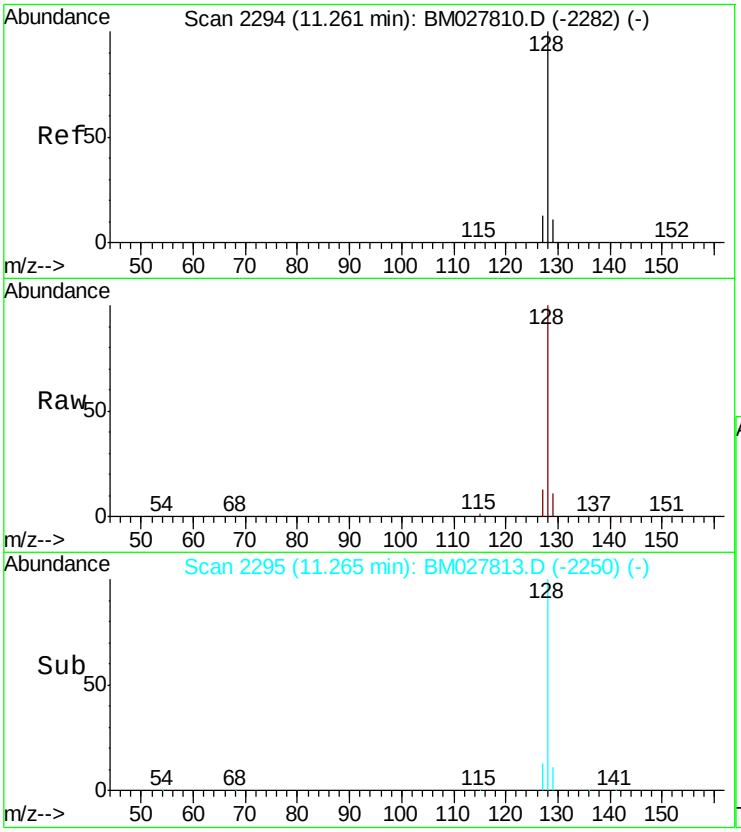
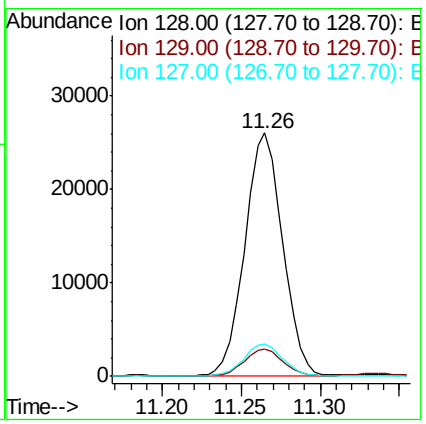




#3
Naphthalene
Concen: 2.846 ng/ul
RT: 11.26 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:128 Resp: 43085

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.0	16.4
127	13.3	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
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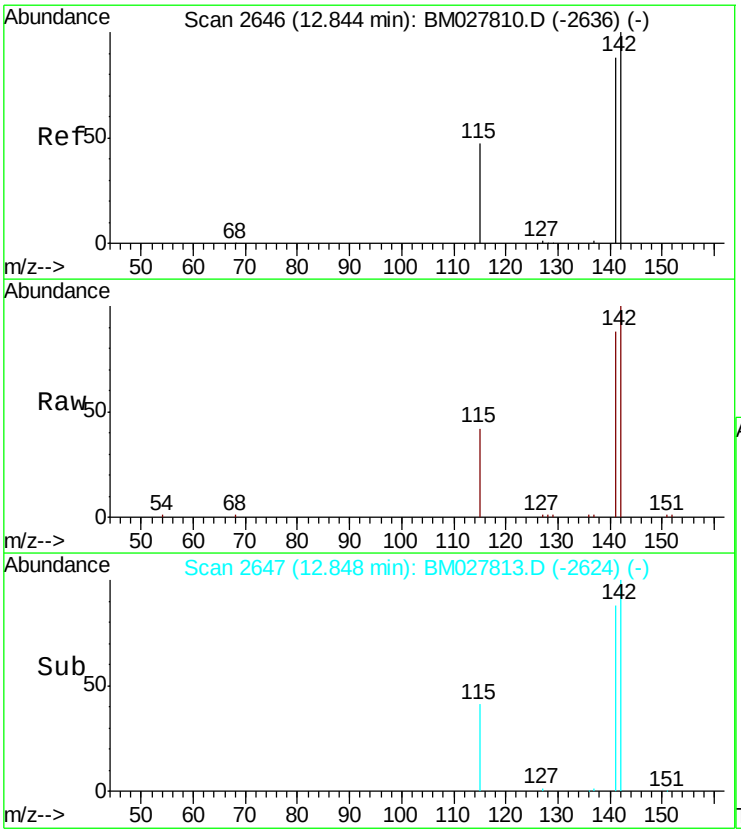
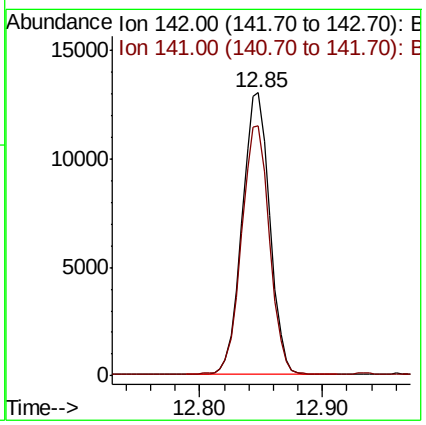
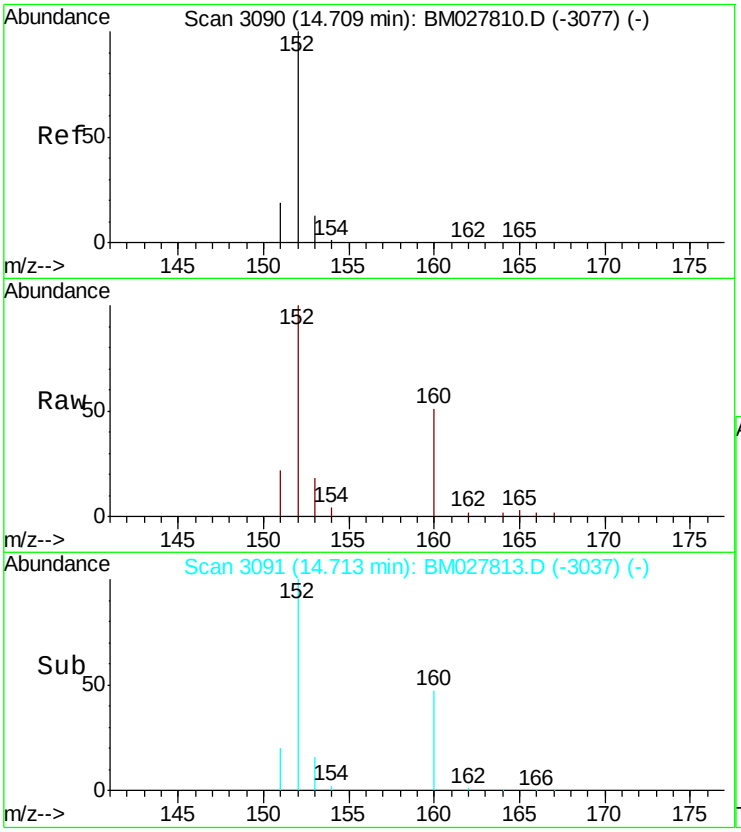


#5
2-Methylnaphthalene
Concen: 1.907 ng/ul
RT: 12.85 min Scan# 2647
Delta R.T. 0.00 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:142 Resp: 20086

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.0	105.0





#7
Acenaphthylene
Concen: 0.616 ng/ul
RT: 14.71 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:152 Resp: 8997

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.8	26.6
153	17.8	11.8	17.8#

Instrument :
BNA_M
ClientSampleId :
C0AB9

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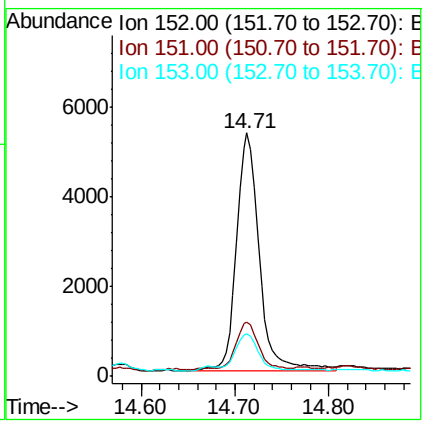
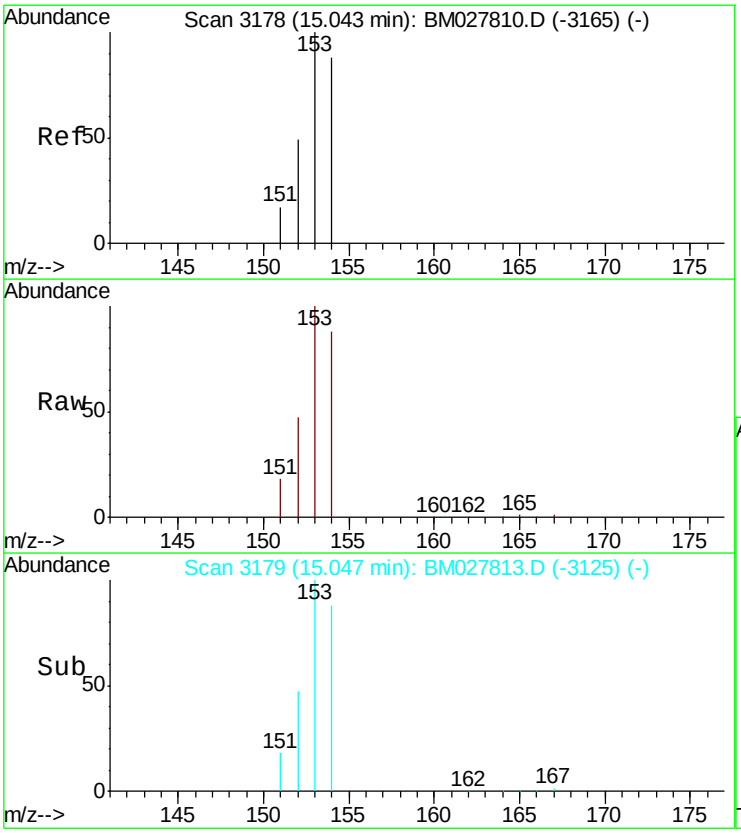
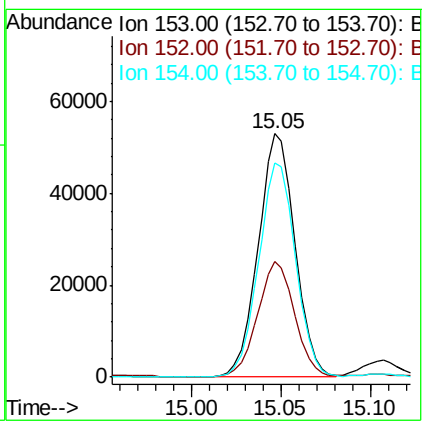


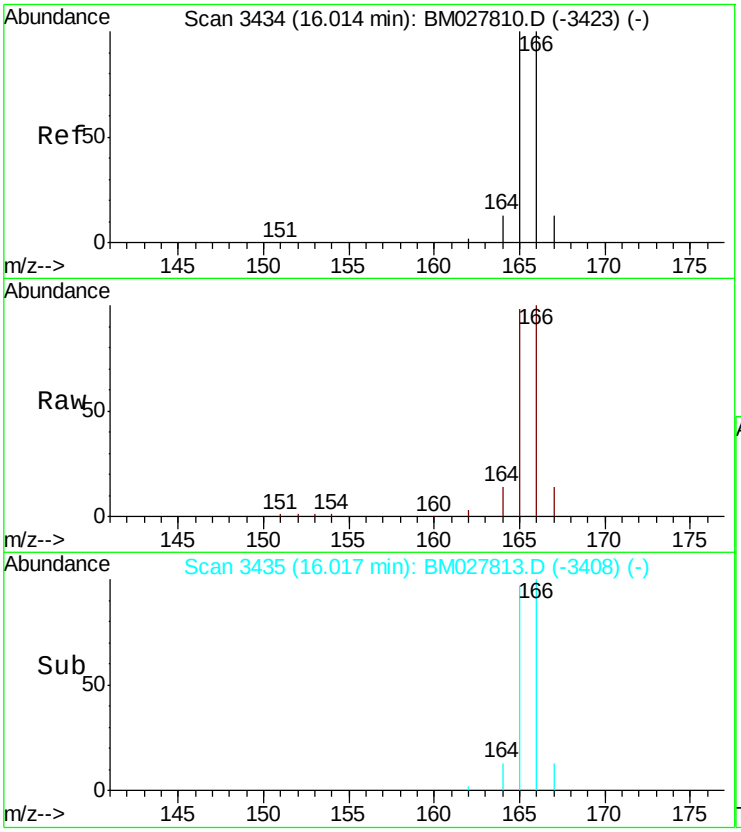


#8
Acenaphthene
Concen: 6.724 ng/ul
RT: 15.05 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:153 Resp: 75256

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.6	58.0
154	88.2	72.0	108.0

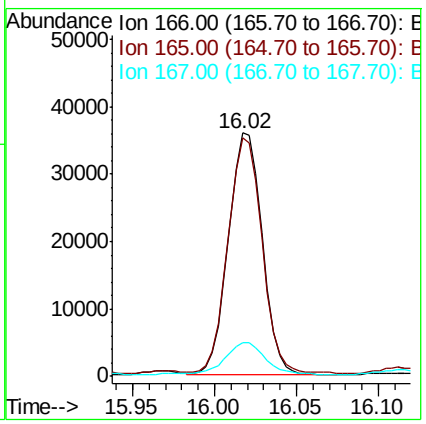




#9
Fluorene
Concen: 3.799 ng/ul
RT: 16.02 min Scan# 3435
Delta R.T. 0.00 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:166 Resp: 51143

Ion	Ratio	Lower	Upper
166	100		
165	97.8	76.9	115.3
167	14.0	12.0	18.0



Instrument :
BNA_M
ClientSampleId :
C0AB9

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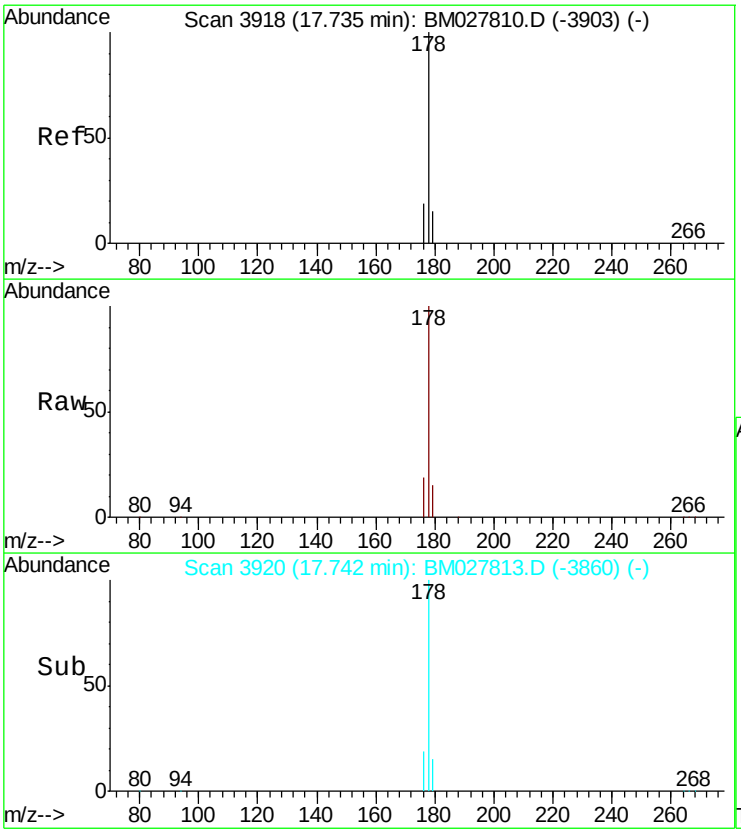
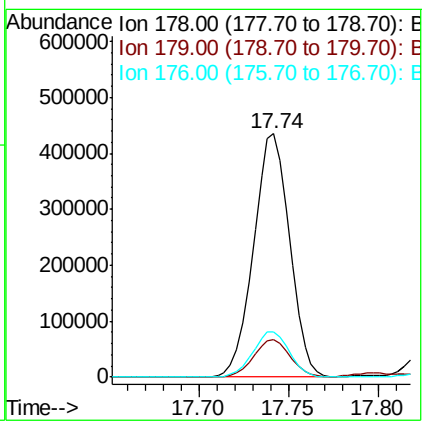
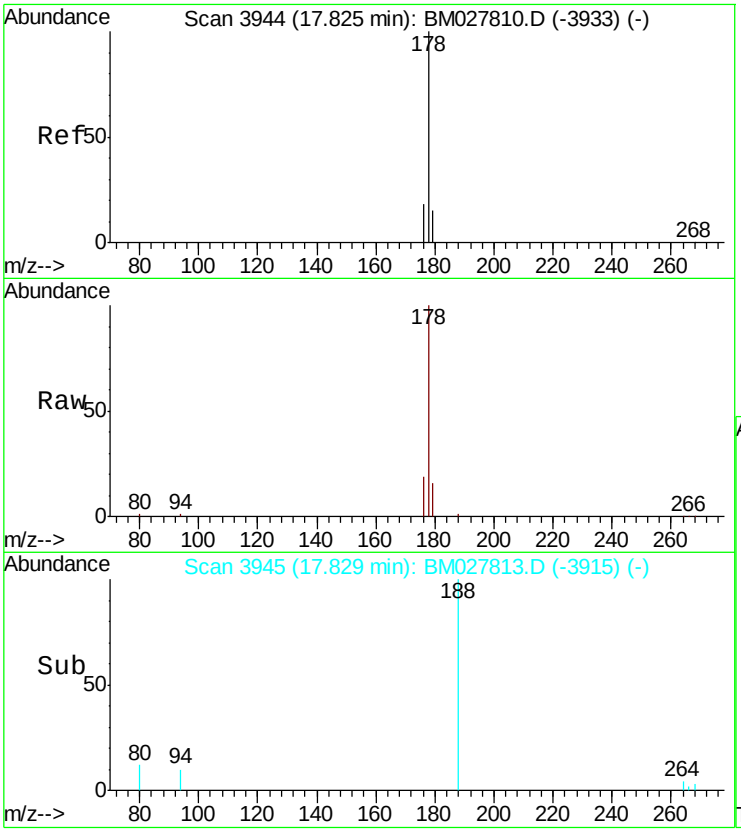


#12
Phenanthrene
Concen: 33.715 ng/ul
RT: 17.74 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:178 Resp: 606825

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.5	20.3
176	18.8	16.5	24.7

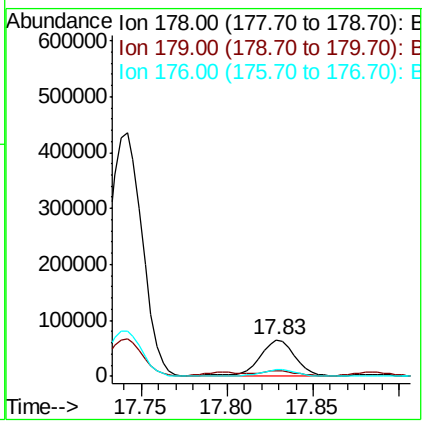




#13
Anthracene
Concen: 5.030 ng/ul
RT: 17.83 min Scan# 3945
Delta R.T. 0.00 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:178 Resp: 88153

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.6	20.4
176	18.6	15.4	23.2



Instrument :
BNA_M
ClientSampleId :
C0AB9

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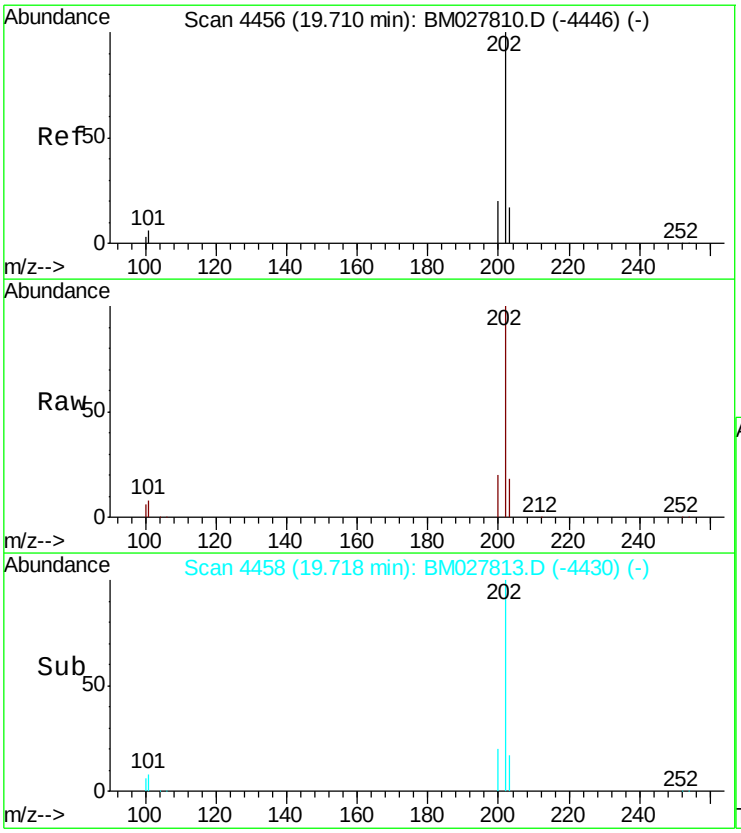
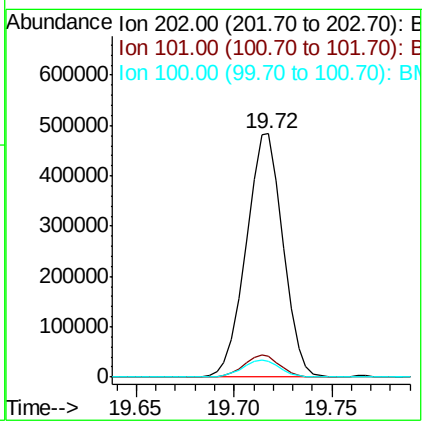
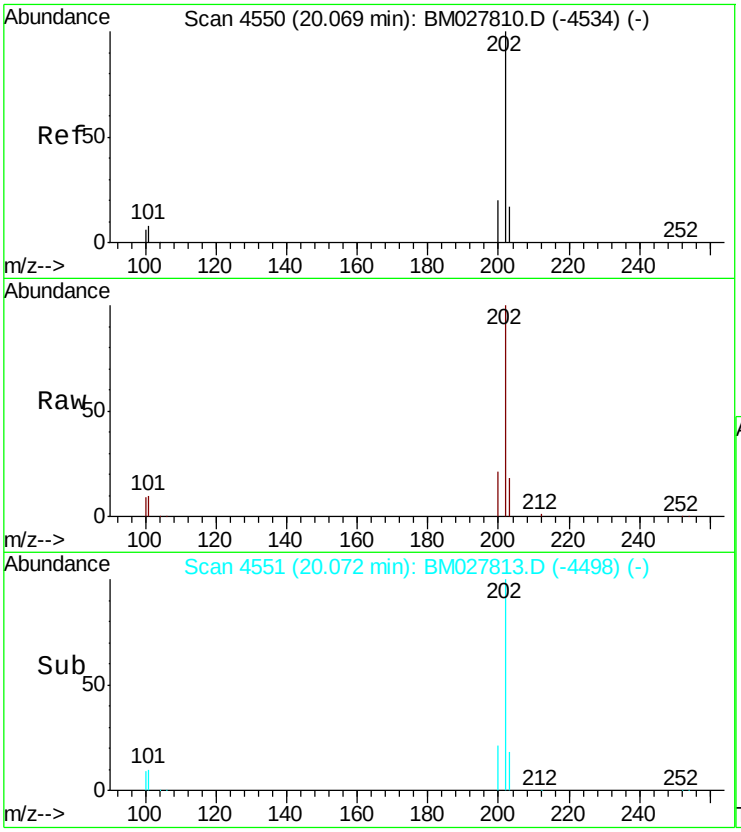


#15
Fluoranthene
Concen: 30.547 ng/ul
RT: 19.72 min Scan# 4458
Delta R.T. 0.01 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:202 Resp: 629345

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.0
100	6.4	0.0	26.3





#17
Pyrene
Concen: 31.281 ng/ul
RT: 20.07 min Scan# 4551
Delta R.T. 0.00 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:202 Resp: 492047

Ion	Ratio	Lower	Upper
202	100		
101	10.3	6.4	9.6#
100	8.6	5.8	8.6

Instrument :
BNA_M
ClientSampleId :
C0AB9

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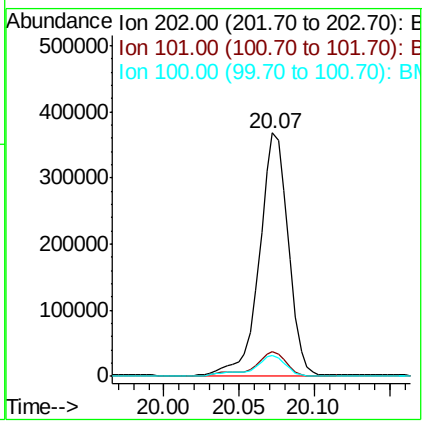
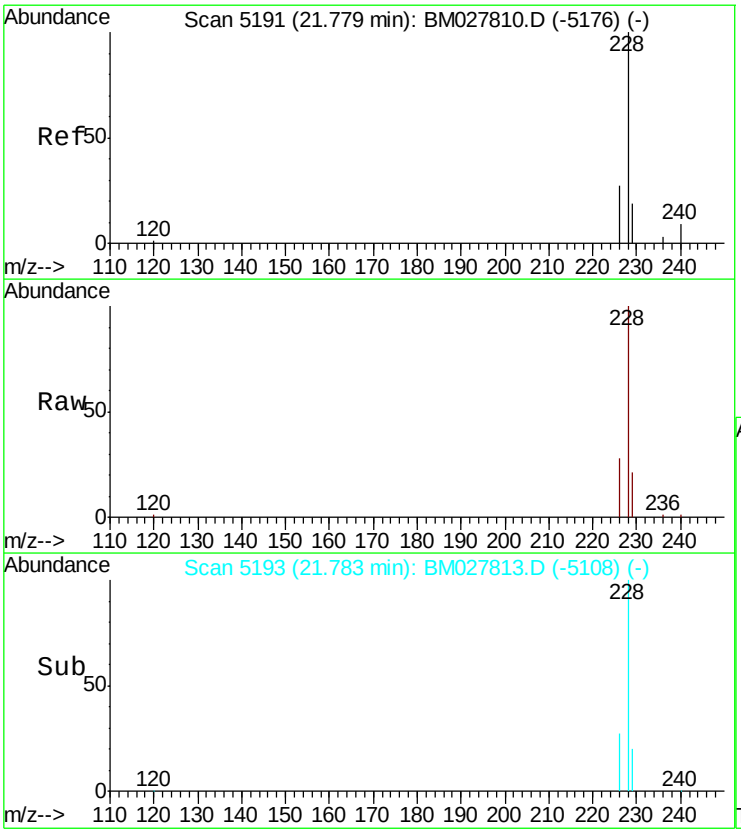
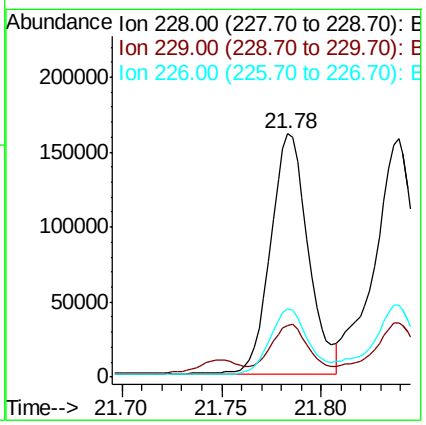


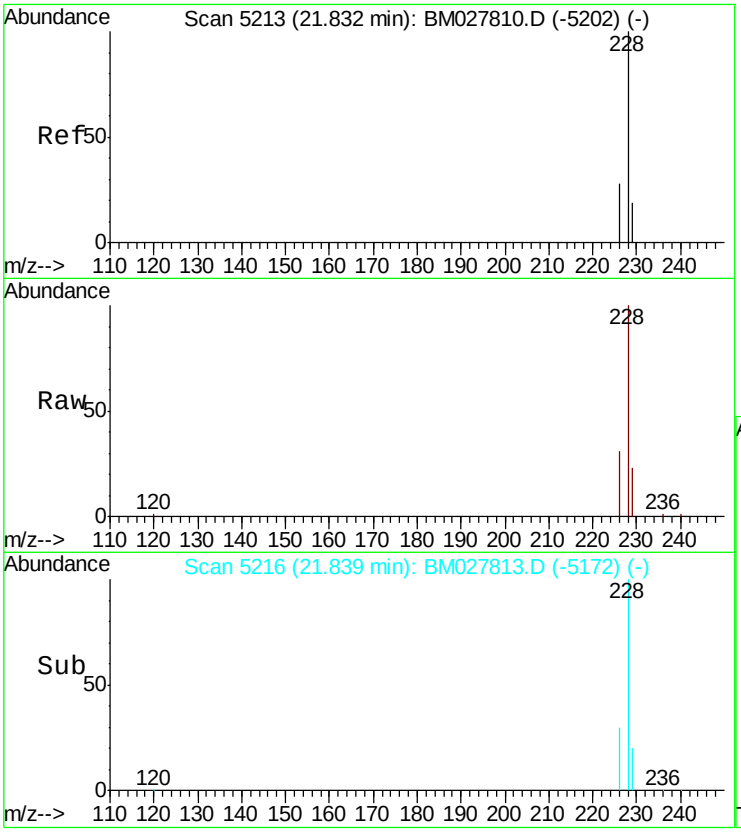


#18
Benzo(a)anthracene
Concen: 14.822 ng/ul
RT: 21.78 min Scan# 5193
Delta R.T. 0.00 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:228 Resp: 210102

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.9	23.9
226	28.0	22.0	33.0

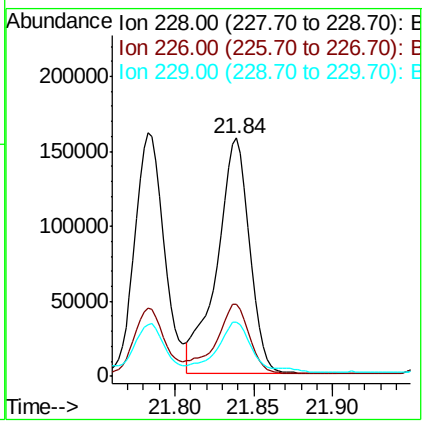




#19
Chrysene
Concen: 15.554 ng/ul
RT: 21.84 min Scan# 5216
Delta R.T. 0.01 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:228 Resp: 224598

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	23.0	16.8	25.2



Instrument :
BNA_M
ClientSampleId :
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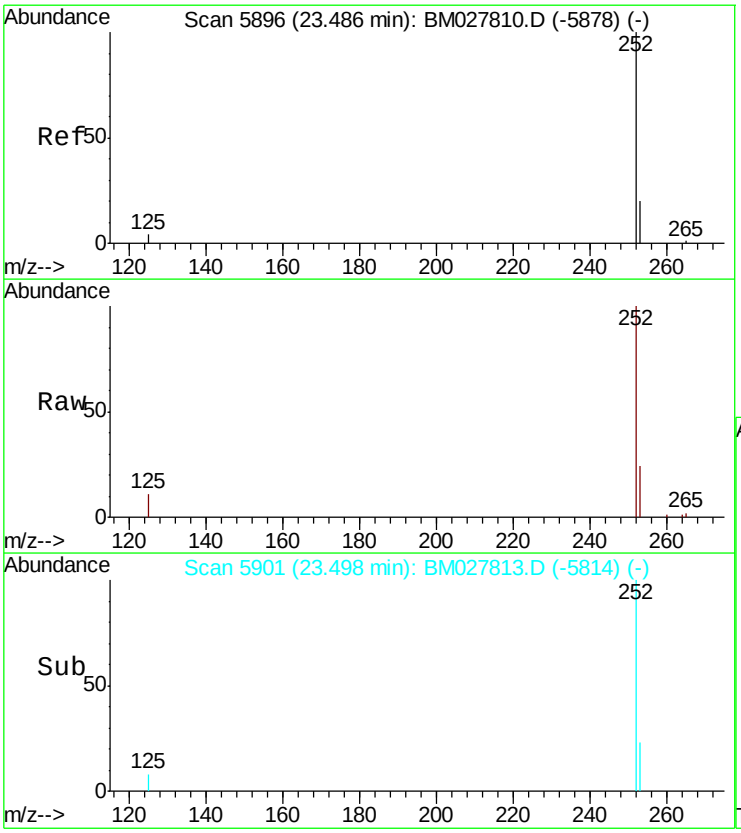
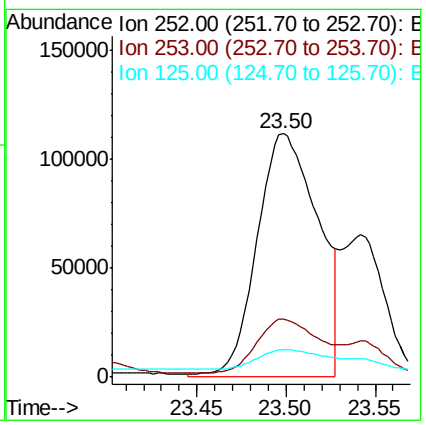
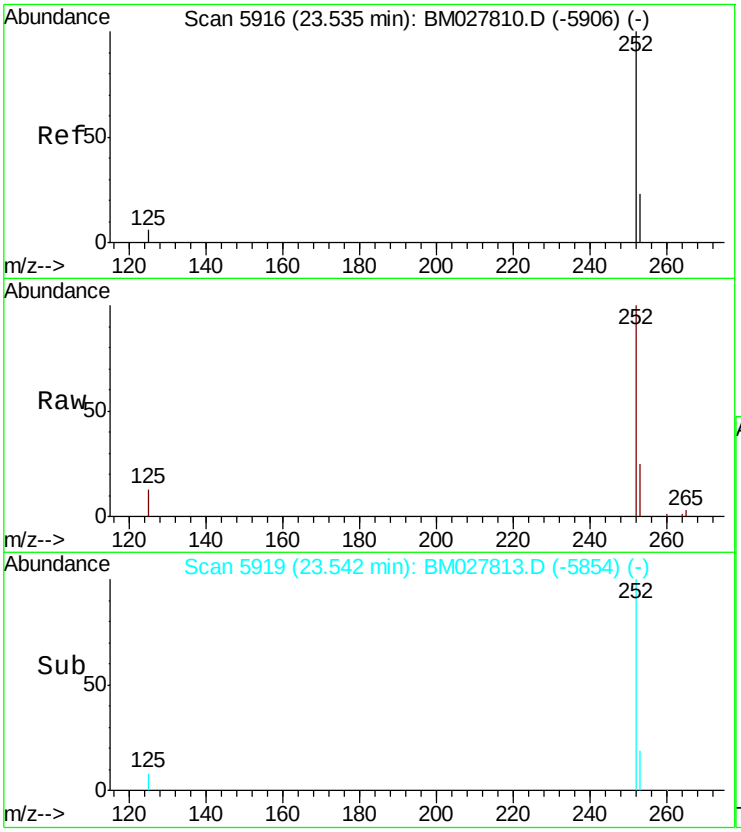


#21
Benzo(b)fluoranthene
Concen: 17.008 ng/ul m
RT: 23.50 min Scan# 5901
Delta R.T. 0.01 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:252 Resp: 266960

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	52.2
125	11.4	0.0	17.6





#22
Benzo(k)fluoranthene
Concen: 7.279 ng/ul m
RT: 23.54 min Scan# 5919
Delta R.T. 0.01 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:252 Resp: 112164

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.4	30.6
125	12.7	7.0	10.4#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED

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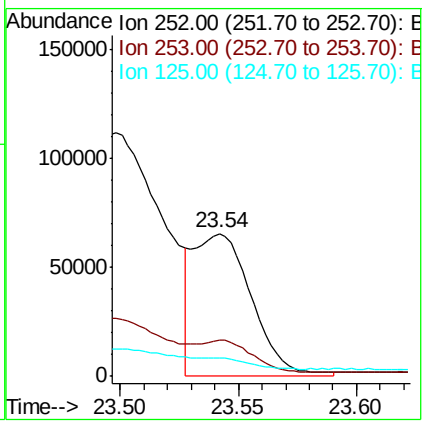
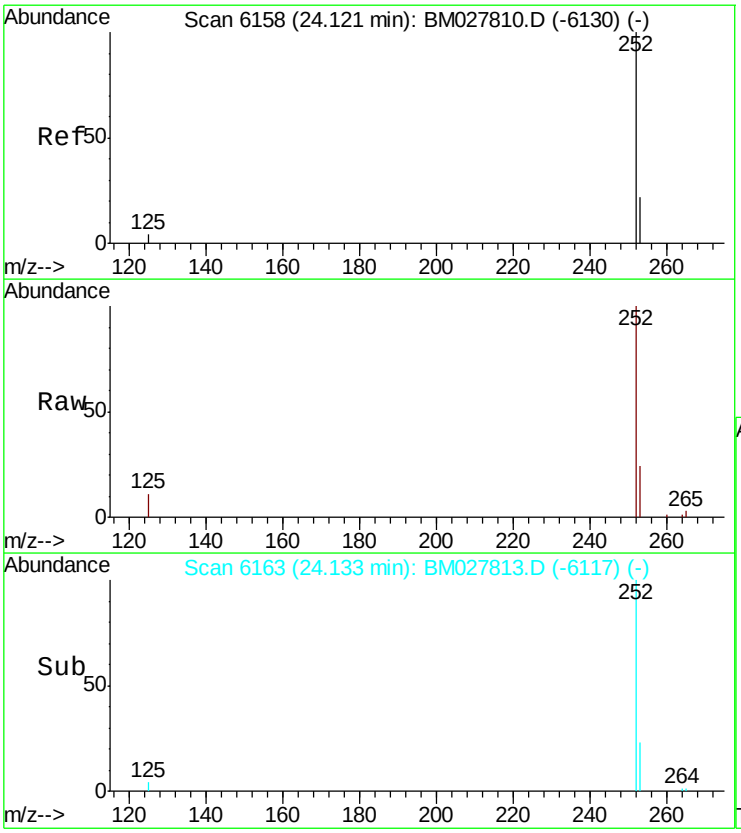
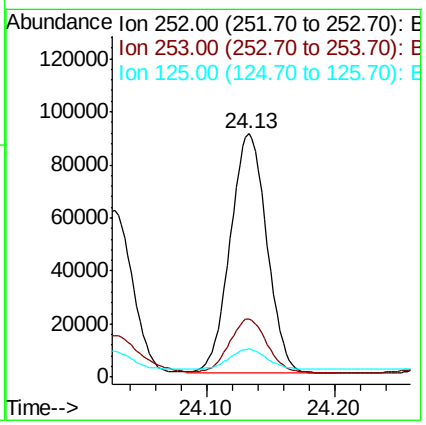


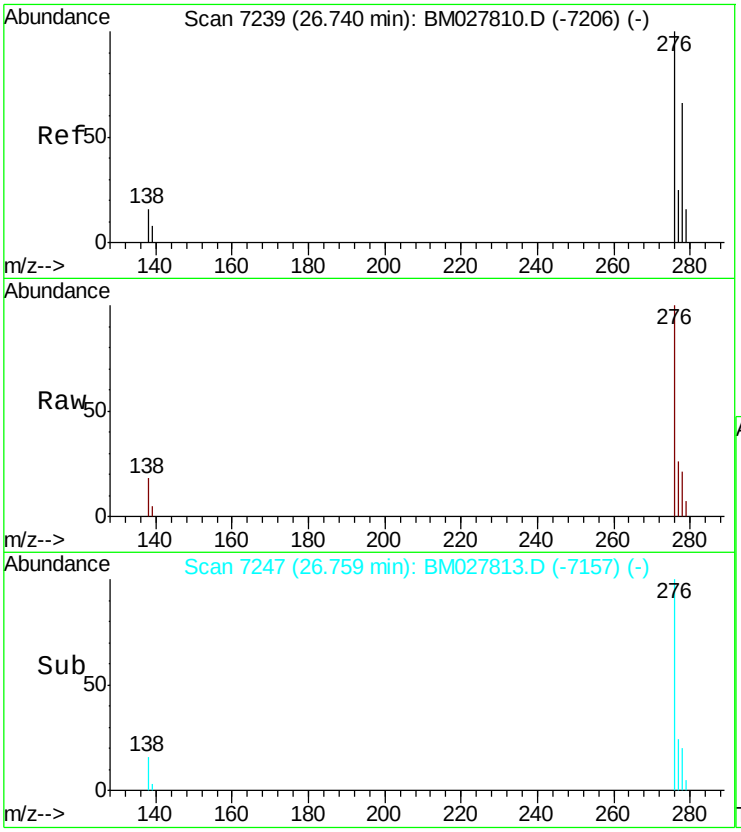


#23
Benzo(a)pyrene
Concen: 13.005 ng/ul
RT: 24.13 min Scan# 6163
Delta R.T. 0.01 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:252 Resp: 179523

Ion	Ratio	Lower	Upper
252	100		
253	23.8	21.0	31.6
125	11.5	7.8	11.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 8.242 ng/ul
RT: 26.76 min Scan# 7247
Delta R.T. 0.02 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:276 Resp: 129592

Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.1	18.1
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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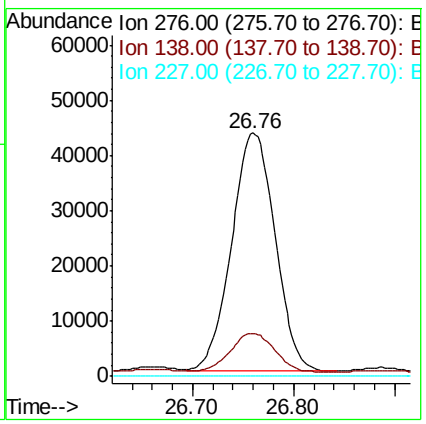
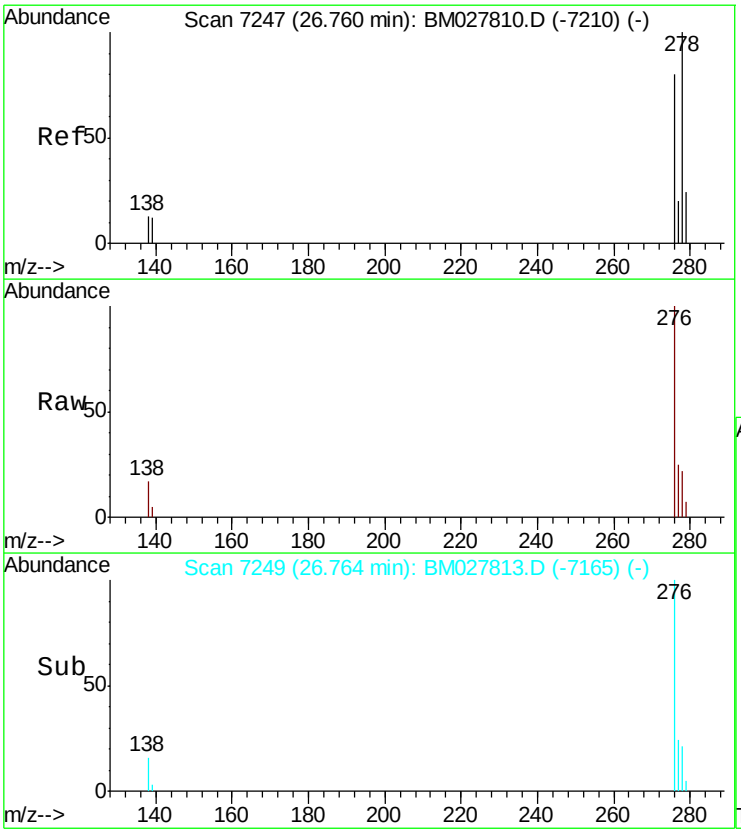
11/19/2020 10:32:43 AM

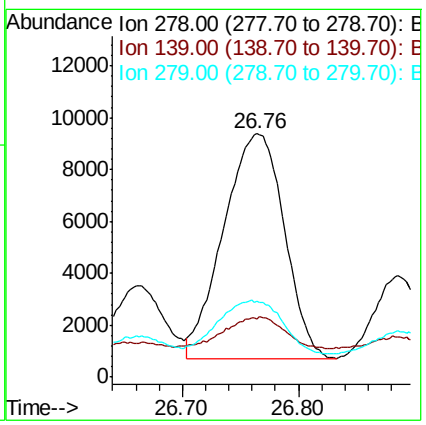


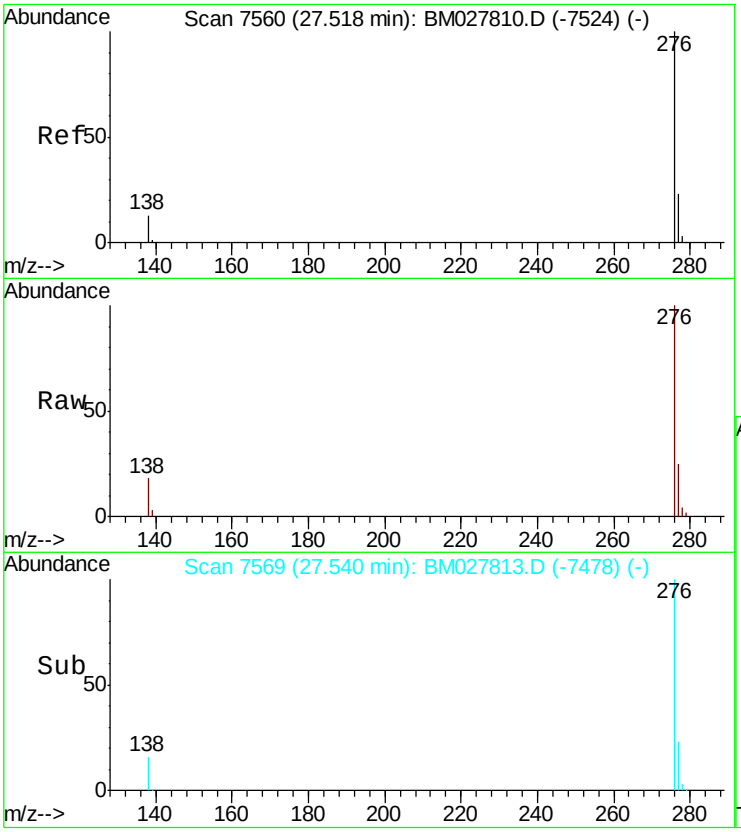


#25
Dibenzo(a,h)anthracene
Concen: 2.388 ng/ul
RT: 26.76 min Scan# 7249
Delta R.T. 0.00 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:278 Resp: 31364

Ion	Ratio	Lower	Upper
278	100		
139	24.0	10.2	15.4#
279	31.0	21.9	32.9

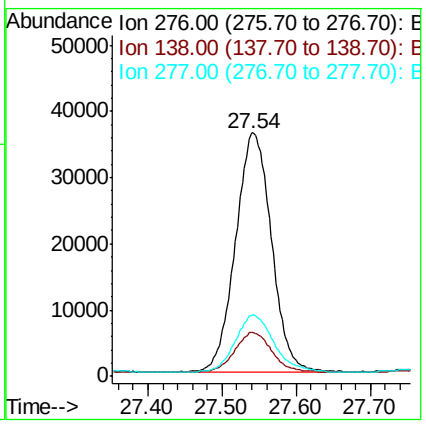




#26
Benzo(g,h,i)perylene
Concen: 9.115 ng/ul
RT: 27.54 min Scan# 7569
Delta R.T. 0.02 min
Lab File: BM027813.D
Acq: 17 Nov 2020 10:50

Tgt Ion:276 Resp: 121284

Ion	Ratio	Lower	Upper
276	100		
138	17.9	12.8	19.2
277	25.0	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
C0AB9

Manual Integrations APPROVED

mohammad
11/19/2020 10:32:43 AM