Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027815.D
Acq On : 17 Nov 2020 12:03
Operator : JU/CG
Sample : L4762-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 17 12:49:09 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 : C0AC6

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1181	0.40	ng/ul	0.00
2) Naphthalene-d8	11.22	136	4872	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	3192	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6175m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	3385	0.40	ng/ul	0.00
20) Perylene-d12	24.25	264	2628	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.78	152	2383	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	3482	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.26	128	31769	2.041	ng/ul	95
5) 2-Methylnaphthalene	12.85	142	69376	6.406	ng/ul	99
7) Acenaphthylene	14.71	152	4530	0.288	ng/ul#	65
8) Acenaphthene	15.05	153	3547	0.295	ng/ul#	63
9) Fluorene	16.02	166	5742	0.397	ng/ul#	83
12) Phenanthrene	17.74	178	83736	4.166	ng/ul	98
13) Anthracene	17.83	178	11078m	0.566	ng/ul	
15) Fluoranthene	19.72	202	34223	1.487	ng/ul	95
17) Pyrene	20.08	202	49325	3.286	ng/ul#	93
18) Benzo(a)anthracene	21.79	228	18769	1.387	ng/ul#	47
19) Chrysene	21.84	228	30407	2.207	ng/ul#	61
21) Benzo(b)fluoranthene	23.50	252	23020m	1.914	ng/ul	
22) Benzo(k)fluoranthene	23.55	252	7985m	0.676	ng/ul	
23) Benzo(a)pyrene	24.14	252	14880	1.407	ng/ul#	34
24) Indeno(1,2,3-cd)pyrene	26.77	276	11735	0.974	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.77	278	3766	0.374	ng/ul#	1
26) Benzo(g,h,i)perylene	27.57	276	20699	2.030	ng/ul#	76

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027815.D
Acq On : 17 Nov 2020 12:03
Operator : JU/CG
Sample : L4762-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 17 12:49:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
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QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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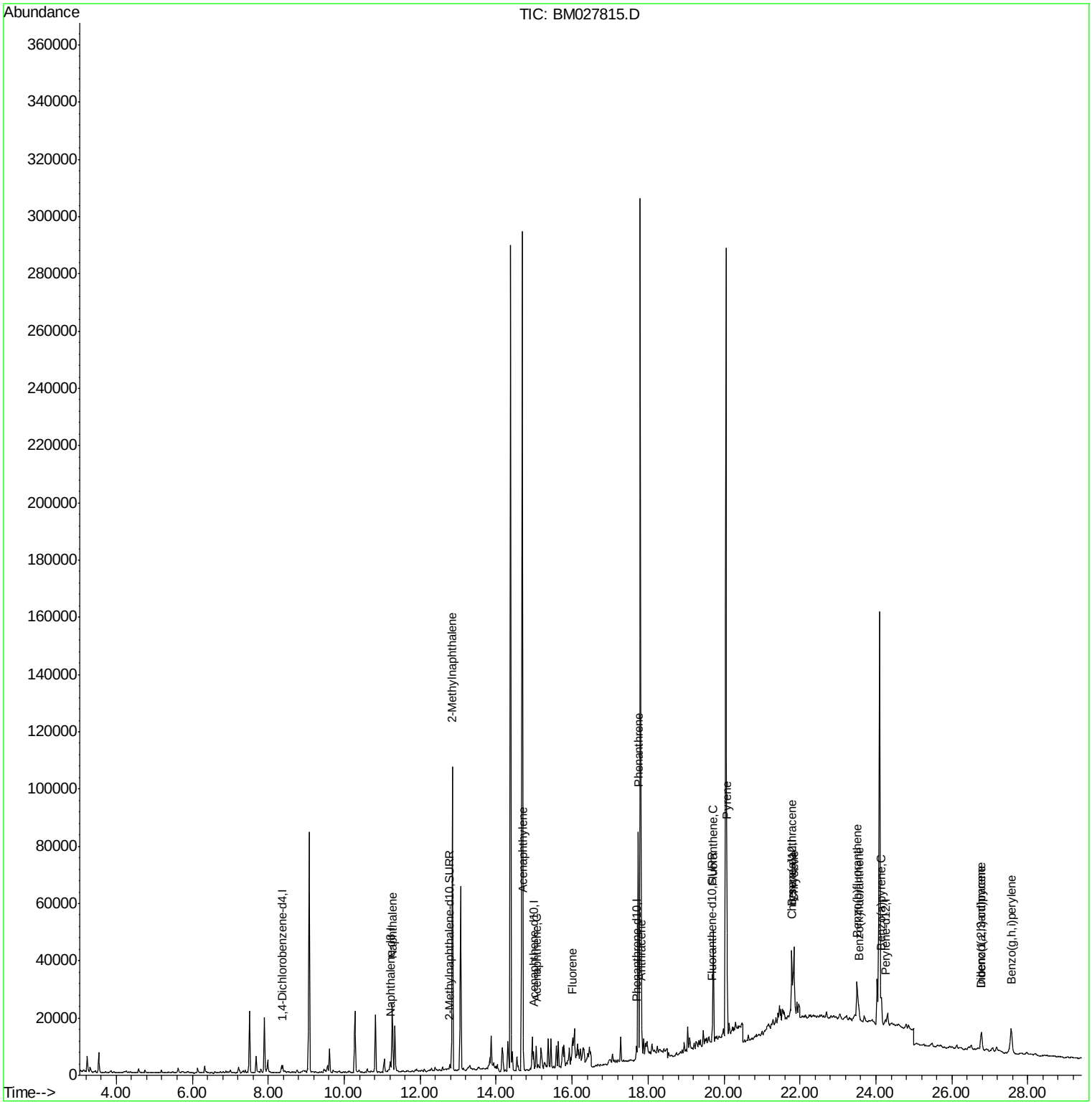
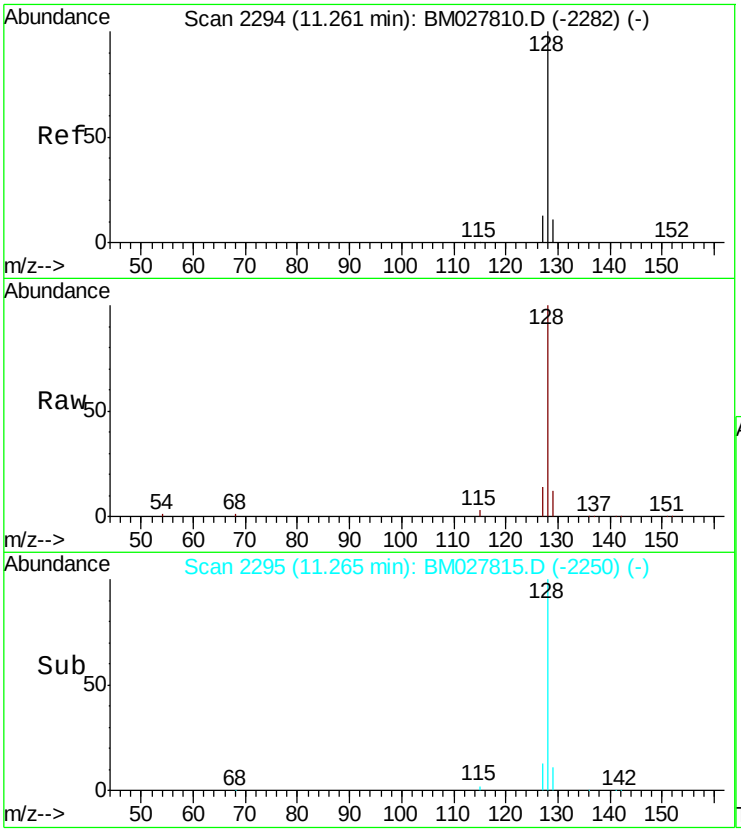
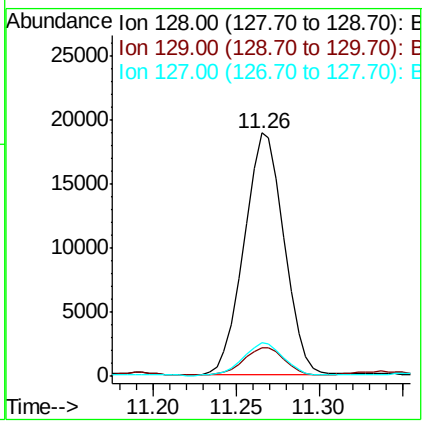




#3
Naphthalene
Concen: 2.041 ng/ul
RT: 11.26 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:128 Resp: 31769

Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.0	16.4
127	13.7	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
C0AC6

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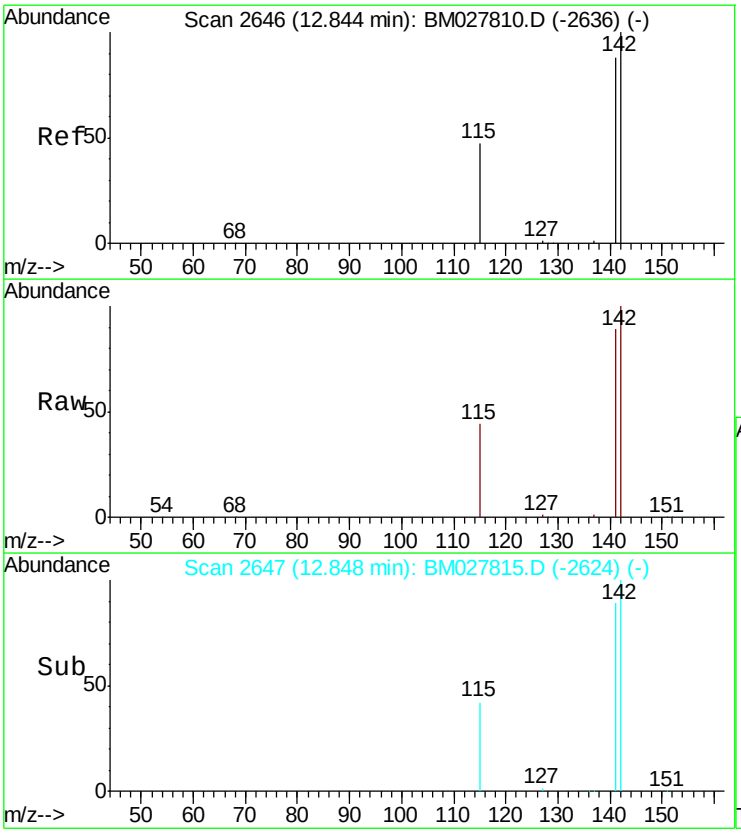
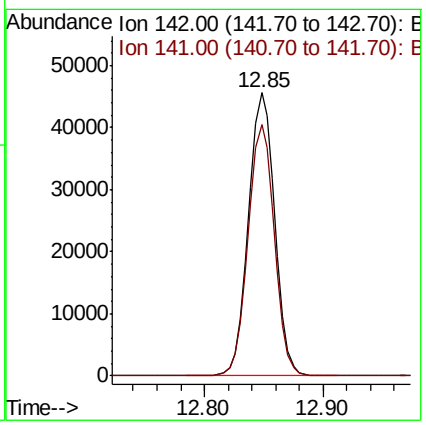
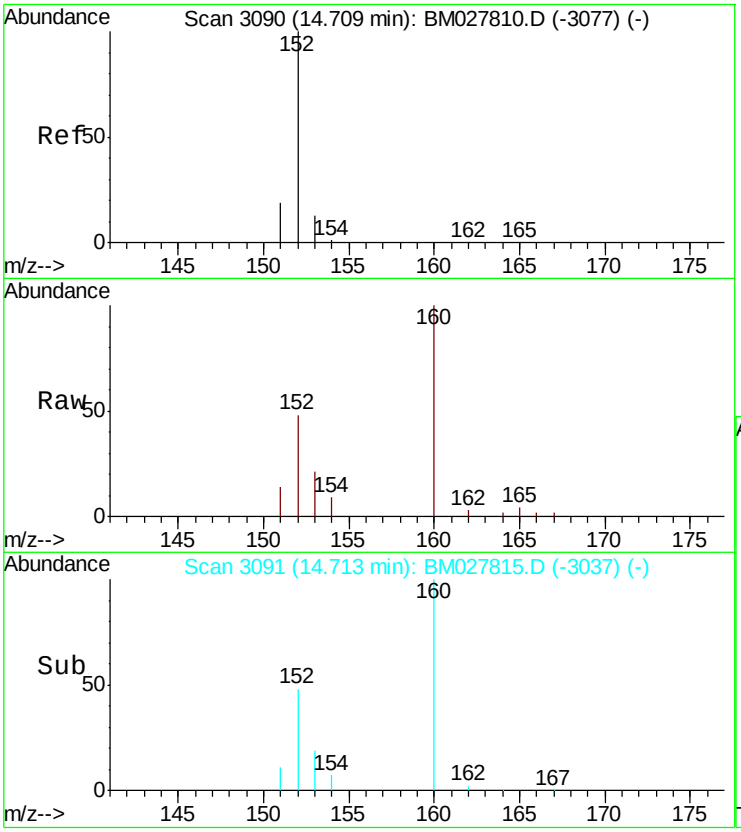


#5
2-Methylnaphthalene
Concen: 6.406 ng/ul
RT: 12.85 min Scan# 2647
Delta R.T. 0.00 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:142 Resp: 69376

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.0	105.0





#7
Acenaphthylene
Concen: 0.288 ng/ul
RT: 14.71 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:152 Resp: 4530

Ion	Ratio	Lower	Upper
152	100		
151	28.1	17.8	26.6#
153	43.0	11.8	17.8#

Instrument :
BNA_M
ClientSampleId :
C0AC6

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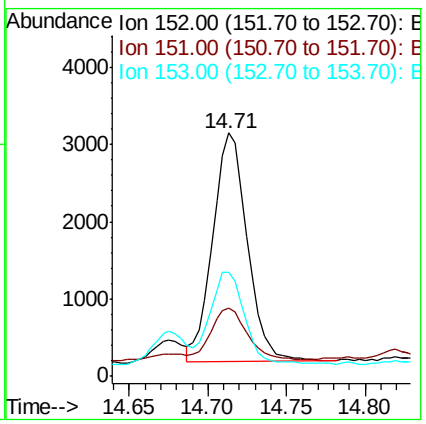
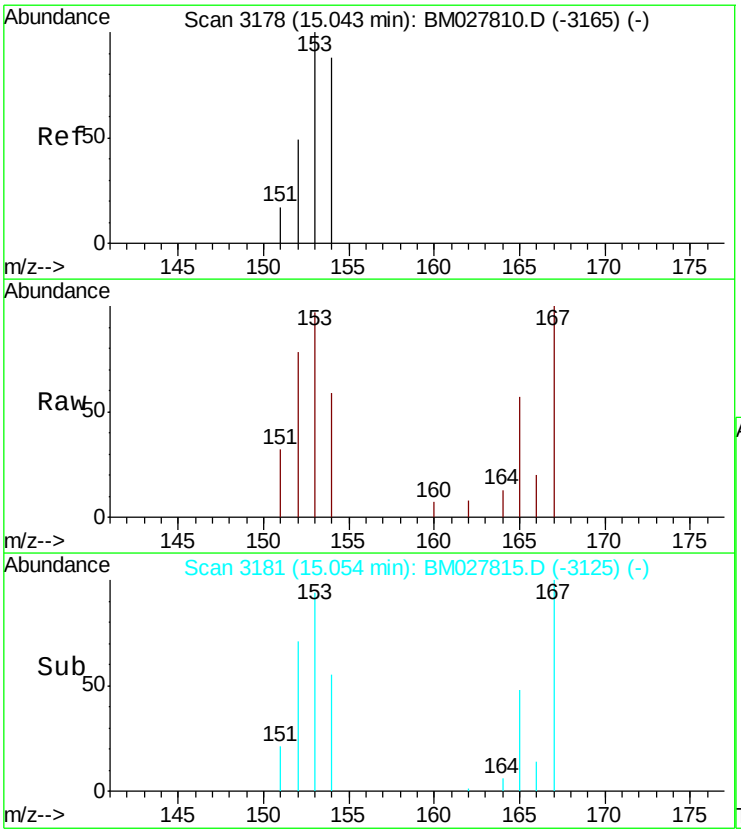
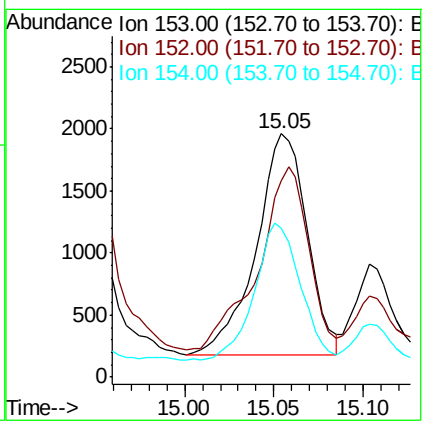


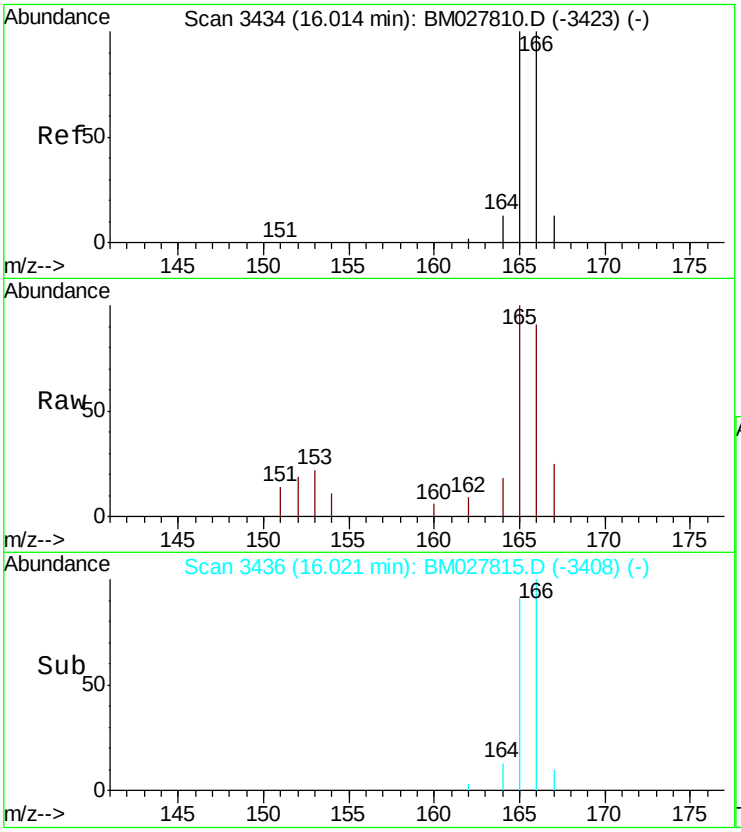


#8
Acenaphthene
Concen: 0.295 ng/ul
RT: 15.05 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:153 Resp: 3547

Ion	Ratio	Lower	Upper
153	100		
152	80.7	38.6	58.0#
154	61.3	72.0	108.0#

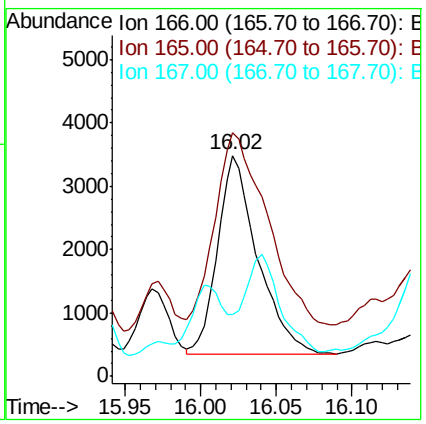




#9
Fluorene
Concen: 0.397 ng/ul
RT: 16.02 min Scan# 3436
Delta R.T. 0.01 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:166 Resp: 5742

Ion	Ratio	Lower	Upper
166	100		
165	110.1	76.9	115.3
167	27.8	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
C0AC6

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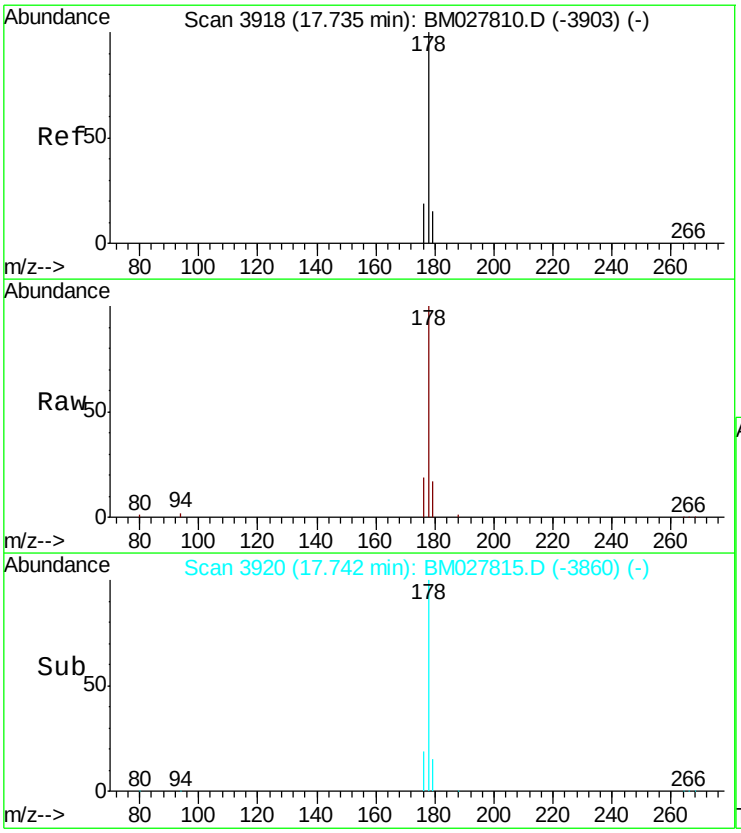
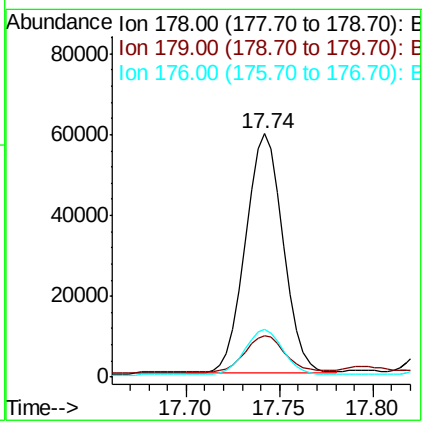
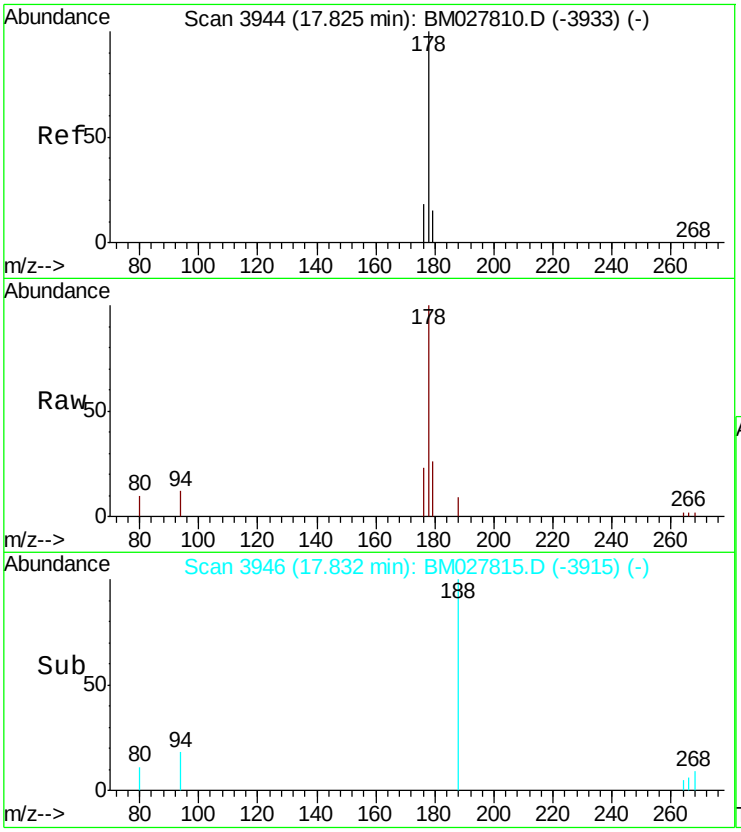


#12
Phenanthrene
Concen: 4.166 ng/ul
RT: 17.74 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:178 Resp: 83736

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.5	20.3
176	19.5	16.5	24.7

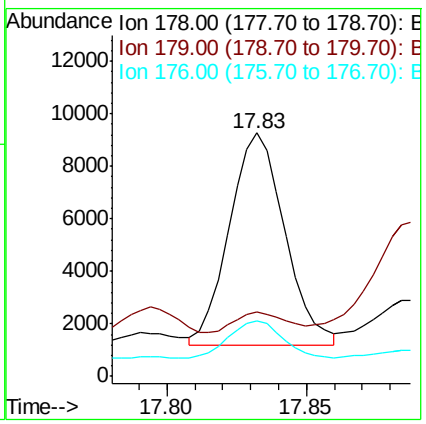




#13
Anthracene
Concen: 0.566 ng/ul m
RT: 17.83 min Scan# 3946
Delta R.T. 0.01 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:178 Resp: 11078

Ion	Ratio	Lower	Upper
178	100		
179	26.3	13.6	20.4#
176	23.0	15.4	23.2



Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations APPROVED
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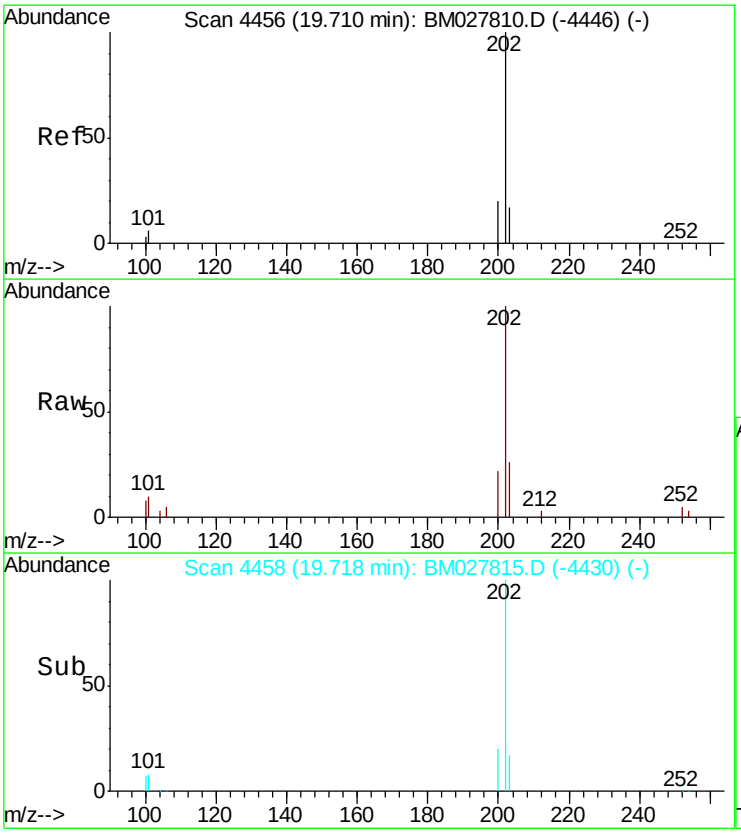
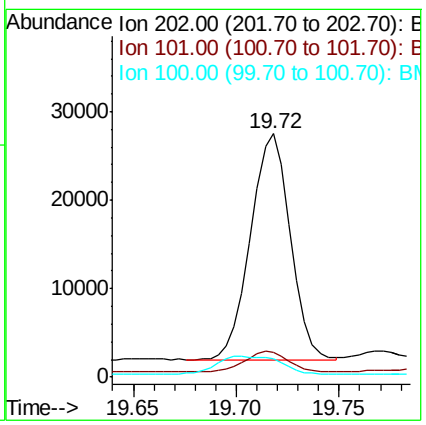
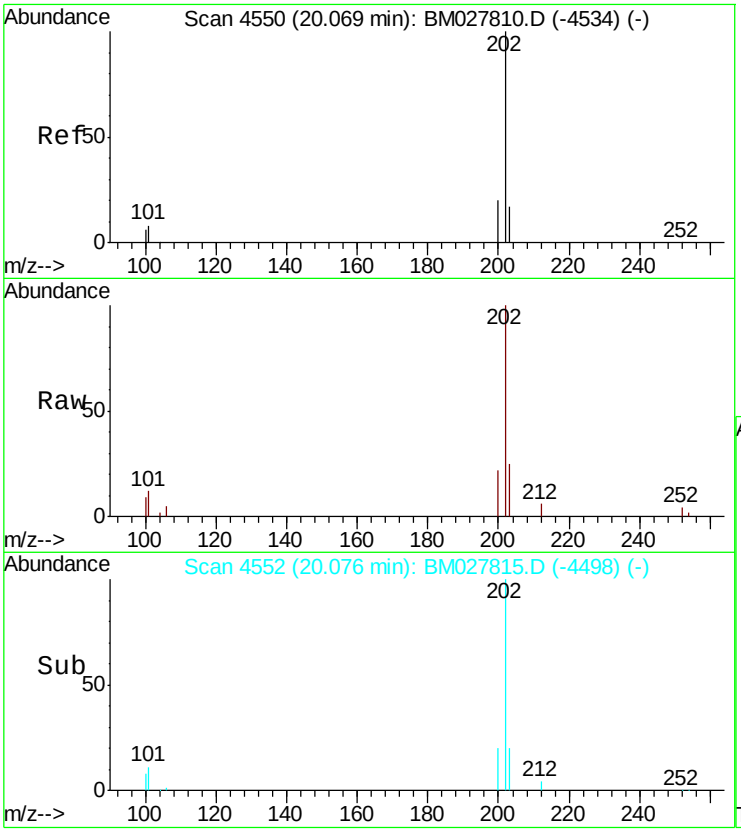


#15
Fluoranthene
Concen: 1.487 ng/ul
RT: 19.72 min Scan# 4458
Delta R.T. 0.01 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:202 Resp: 34223

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	28.0
100	7.5	0.0	26.3





#17
Pyrene
Concen: 3.286 ng/ul
RT: 20.08 min Scan# 4552
Delta R.T. 0.01 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:202 Resp: 49325

Ion	Ratio	Lower	Upper
202	100		
101	11.5	6.4	9.6#
100	8.5	5.8	8.6

Instrument :
BNA_M
ClientSampleId :
C0AC6

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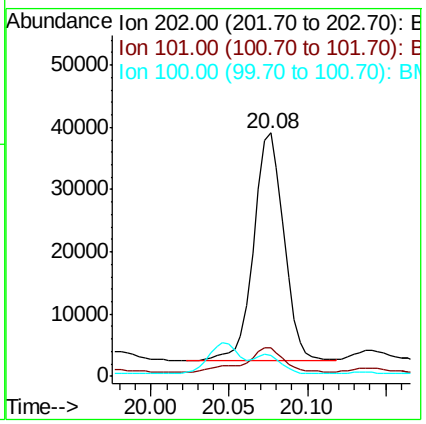
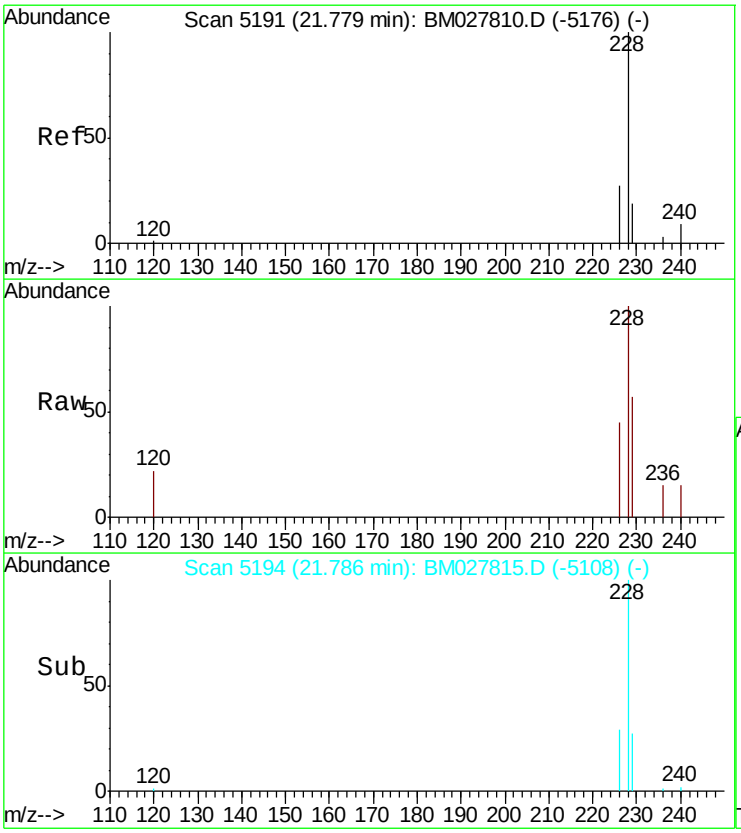
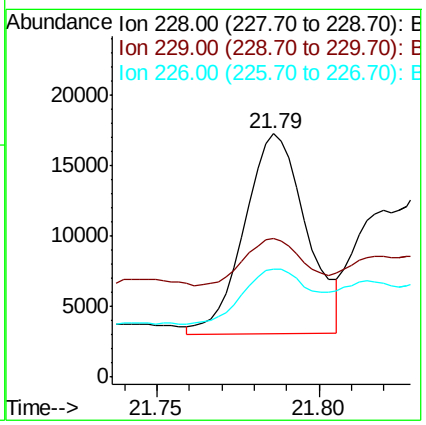


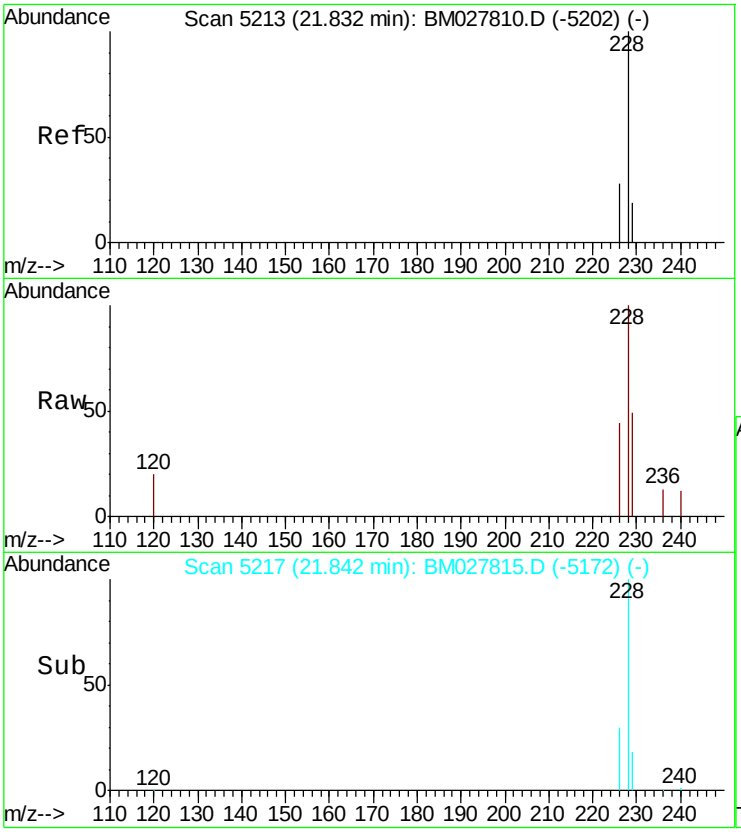


#18
Benzo(a)anthracene
Concen: 1.387 ng/ul
RT: 21.79 min Scan# 5194
Delta R.T. 0.01 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:228 Resp: 18769

Ion	Ratio	Lower	Upper
228	100		
229	56.7	15.9	23.9#
226	44.5	22.0	33.0#





#19
Chrysene
Concen: 2.207 ng/ul
RT: 21.84 min Scan# 5217
Delta R.T. 0.01 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:228 Resp: 30407

Ion	Ratio	Lower	Upper
228	100		
226	43.5	24.2	36.2#
229	48.9	16.8	25.2#

Instrument :
BNA_M
ClientSampleId :
C0AC6

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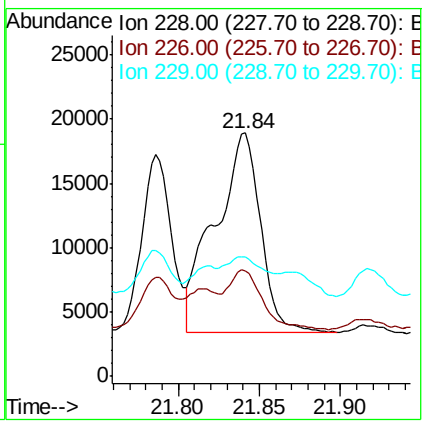
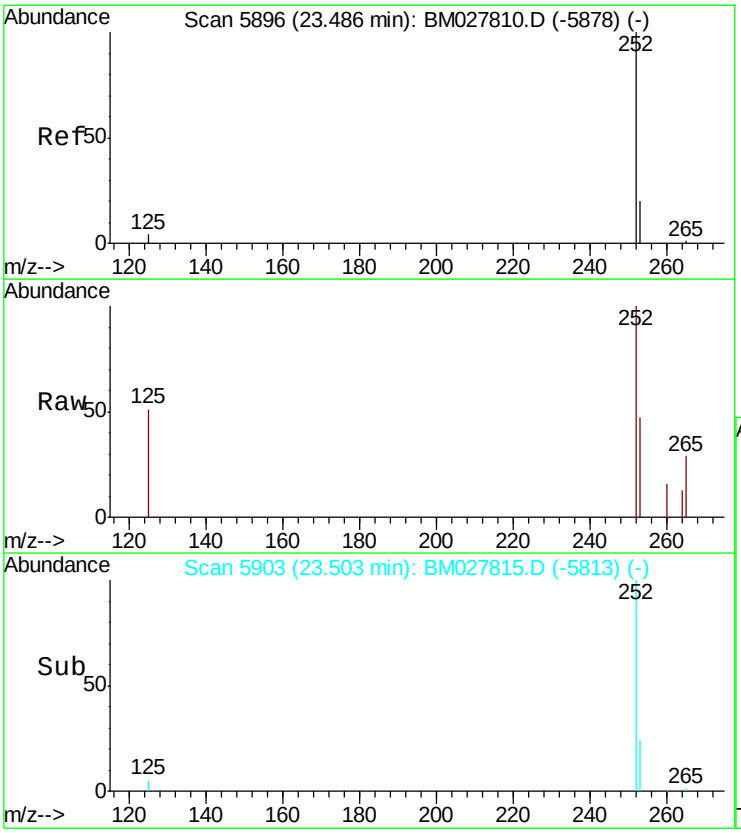
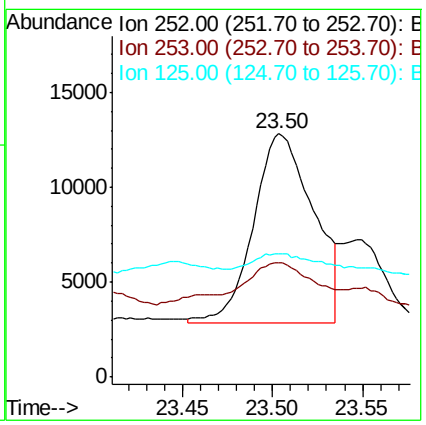


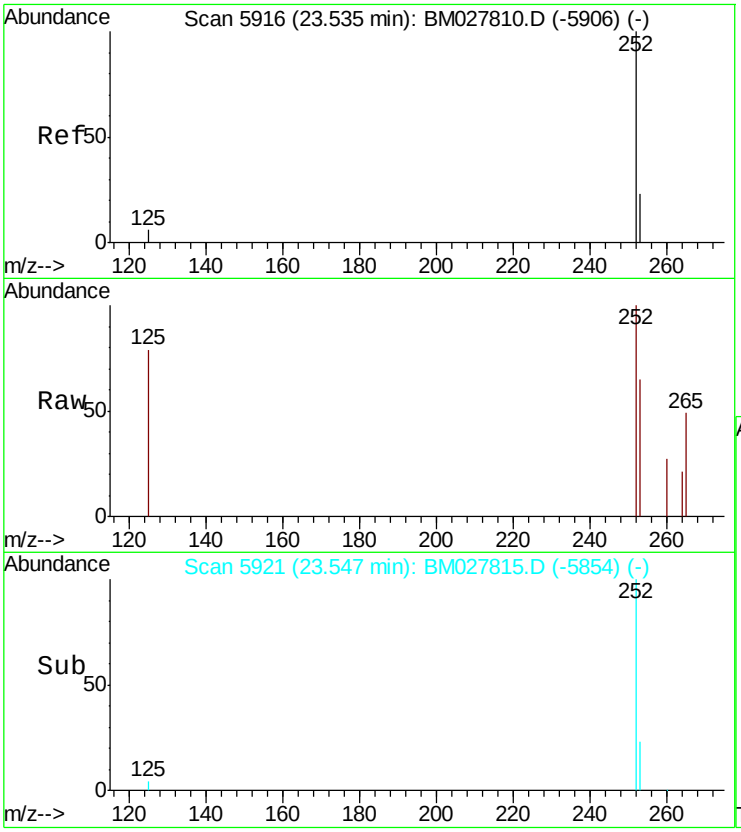


#21
Benzo(b)fluoranthene
Concen: 1.914 ng/ul m
RT: 23.50 min Scan# 5903
Delta R.T. 0.02 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:252 Resp: 23020

Ion	Ratio	Lower	Upper
252	100		
253	46.8	0.0	52.2
125	50.7	0.0	17.6#





#22
Benzo(k)fluoranthene
Concen: 0.676 ng/ul m
RT: 23.55 min Scan# 5921
Delta R.T. 0.01 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:252 Resp: 7985

Ion	Ratio	Lower	Upper
252	100		
253	64.7	20.4	30.6#
125	79.3	7.0	10.4#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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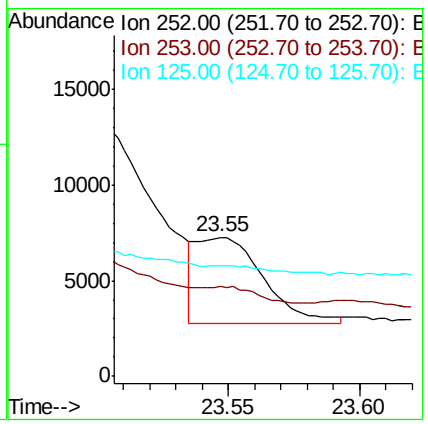
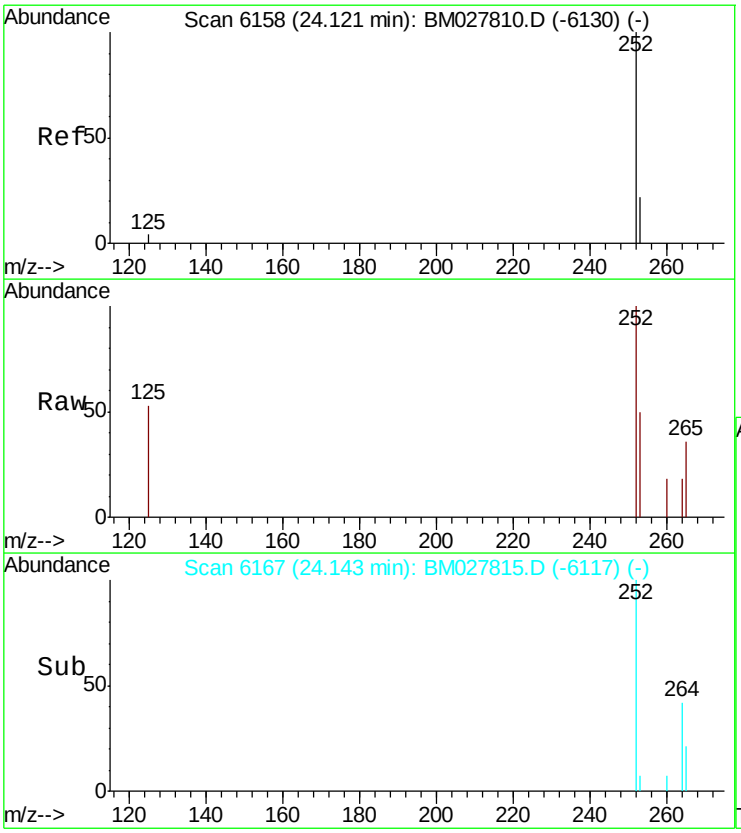
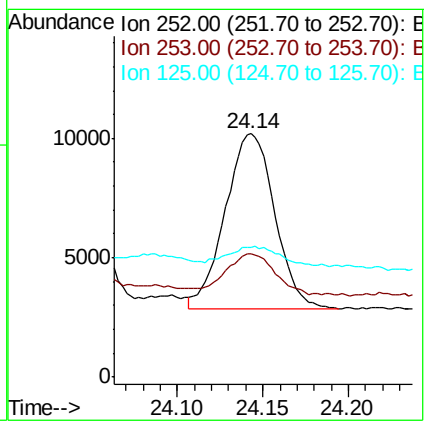


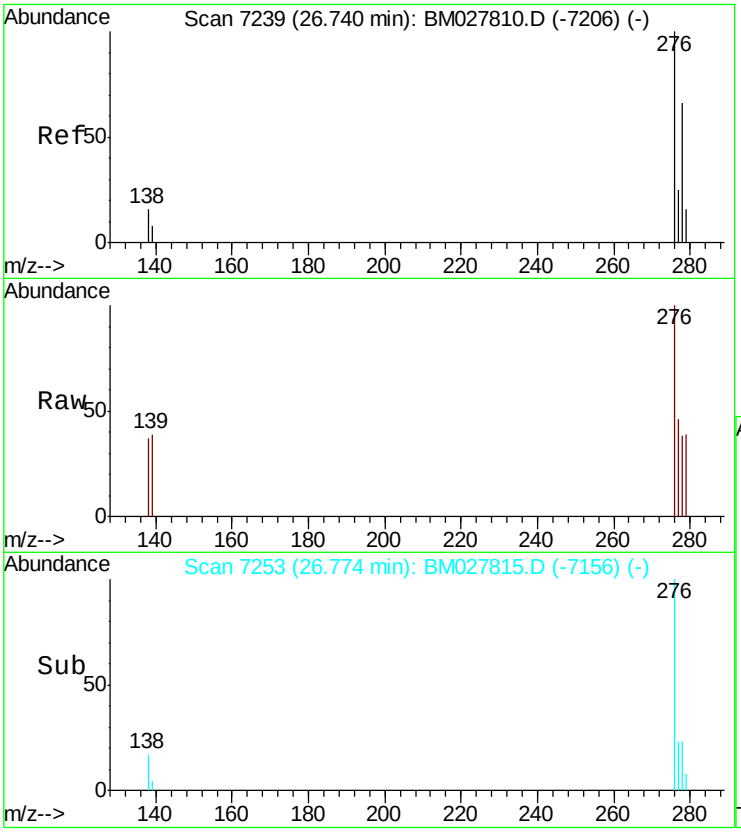


#23
Benzo(a)pyrene
Concen: 1.407 ng/ul
RT: 24.14 min Scan# 6167
Delta R.T. 0.02 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:252 Resp: 14880

Ion	Ratio	Lower	Upper
252	100		
253	50.4	21.0	31.6#
125	53.3	7.8	11.8#

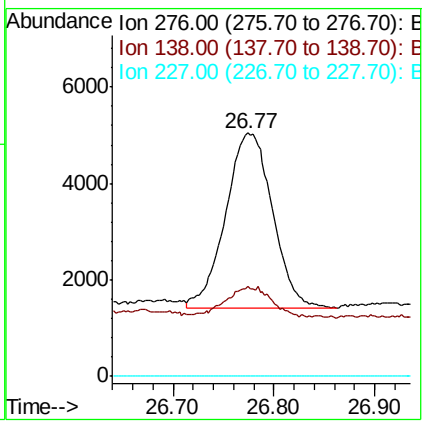




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.974 ng/ul
RT: 26.77 min Scan# 7253
Delta R.T. 0.03 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:276 Resp: 11735

Ion	Ratio	Lower	Upper
276	100		
138	16.6	12.1	18.1
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
C0AC6

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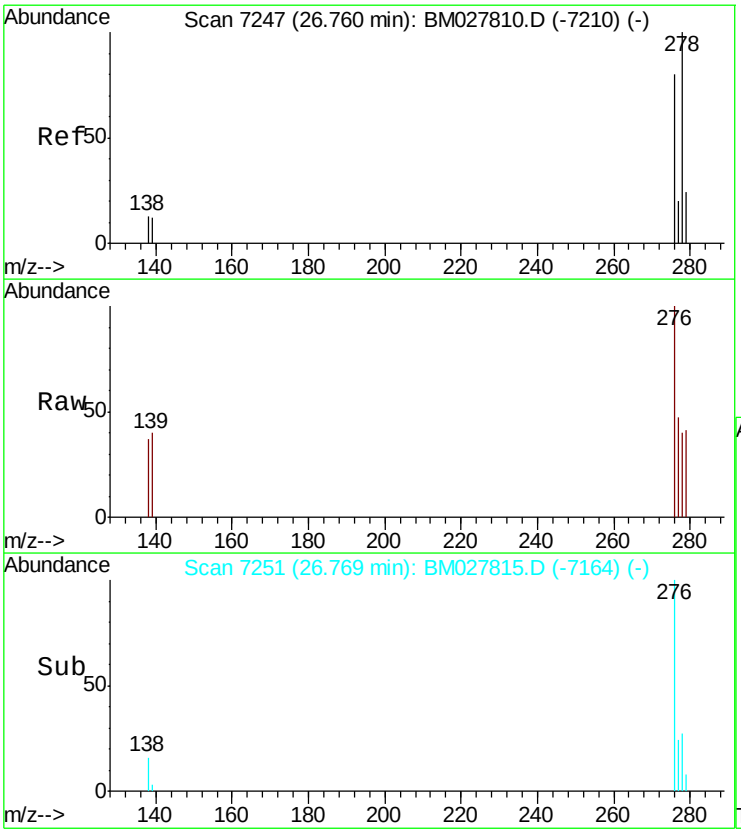
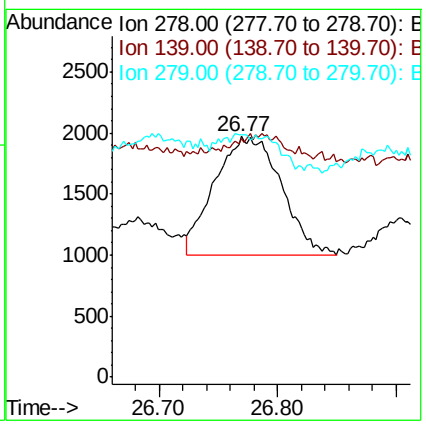
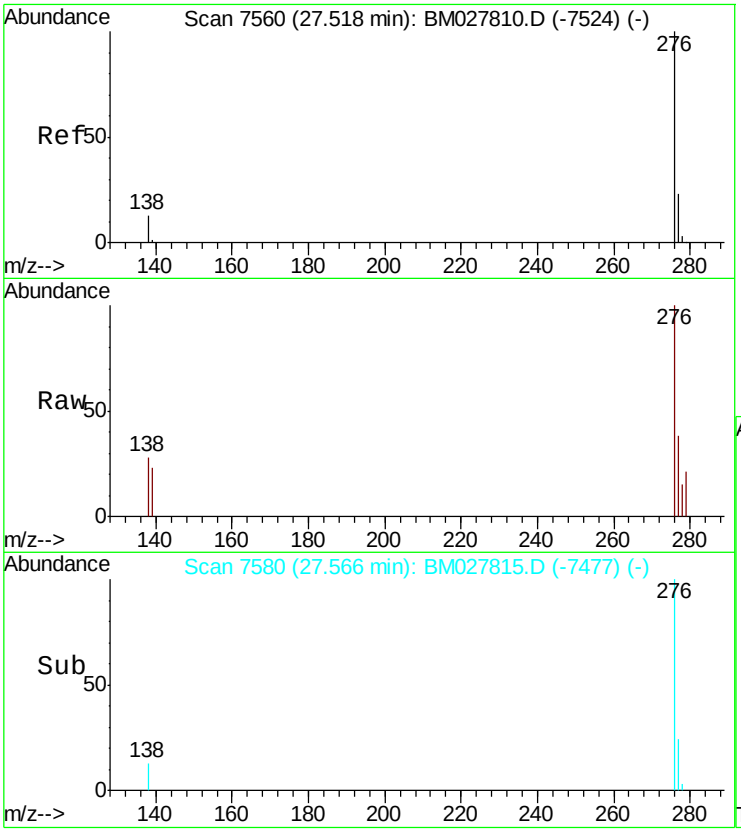


#25
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 26.77 min Scan# 7251
Delta R.T. 0.01 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:278 Resp: 3766

Ion	Ratio	Lower	Upper
278	100		
139	99.3	10.2	15.4#
279	101.0	21.9	32.9#

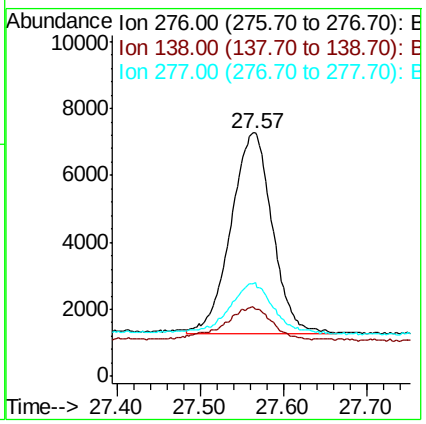




#26
Benzo(g,h,i)perylene
Concen: 2.030 ng/ul
RT: 27.57 min Scan# 7580
Delta R.T. 0.05 min
Lab File: BM027815.D
Acq: 17 Nov 2020 12:03

Tgt Ion:276 Resp: 20699

Ion	Ratio	Lower	Upper
276	100		
138	27.6	12.8	19.2#
277	38.3	21.5	32.3#



Instrument :
BNA_M
ClientSampleId :
C0AC6

Manual Integrations APPROVED
mohammad
11/19/2020 10:32:50 AM