Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027943.D
Acq On : 24 Nov 2020 15:19
Operator : JU/CG
Sample : L4749-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B12

Manual Integrations APPROVED
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11/25/2020 12:46:06 PM

Quant Time: Nov 24 15:53:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:00:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1352	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	5146	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2654	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4259	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2811	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	3095	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	861	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1166	0.10	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.21	128	2409	0.156	ng/ul	98
5) 2-Methylnaphthalene	12.79	142	1263	0.120	ng/ul	99
7) Acenaphthylene	14.67	152	2486	0.192	ng/ul	96
8) Acenaphthene	15.00	153	3061	0.315	ng/ul	98
9) Fluorene	15.98	166	3594	0.319	ng/ul	99
12) Phenanthrene	17.70	178	153755	11.428	ng/ul	97
13) Anthracene	17.79	178	12812	0.987	ng/ul	99
15) Fluoranthene	19.68	202	427563	28.662	ng/ul	100
17) Pyrene	20.04	202	346640	24.281	ng/ul	99
18) Benzo(a)anthracene	21.75	228	129853	11.449	ng/ul	100
19) Chrysene	21.80	228	205974	18.645	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	267189m	20.542	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	100904m	7.922	ng/ul	
23) Benzo(a)pyrene	24.08	252	160250	14.091	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.68	276	131355	10.668	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.68	278	29908m	2.917	ng/ul	
26) Benzo(g,h,i)perylene	27.45	276	121966	11.806	ng/ul	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027943.D
Acq On : 24 Nov 2020 15:19
Operator : JU/CG
Sample : L4749-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Nov 24 15:53:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:00:24 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B12

Manual Integrations APPROVED
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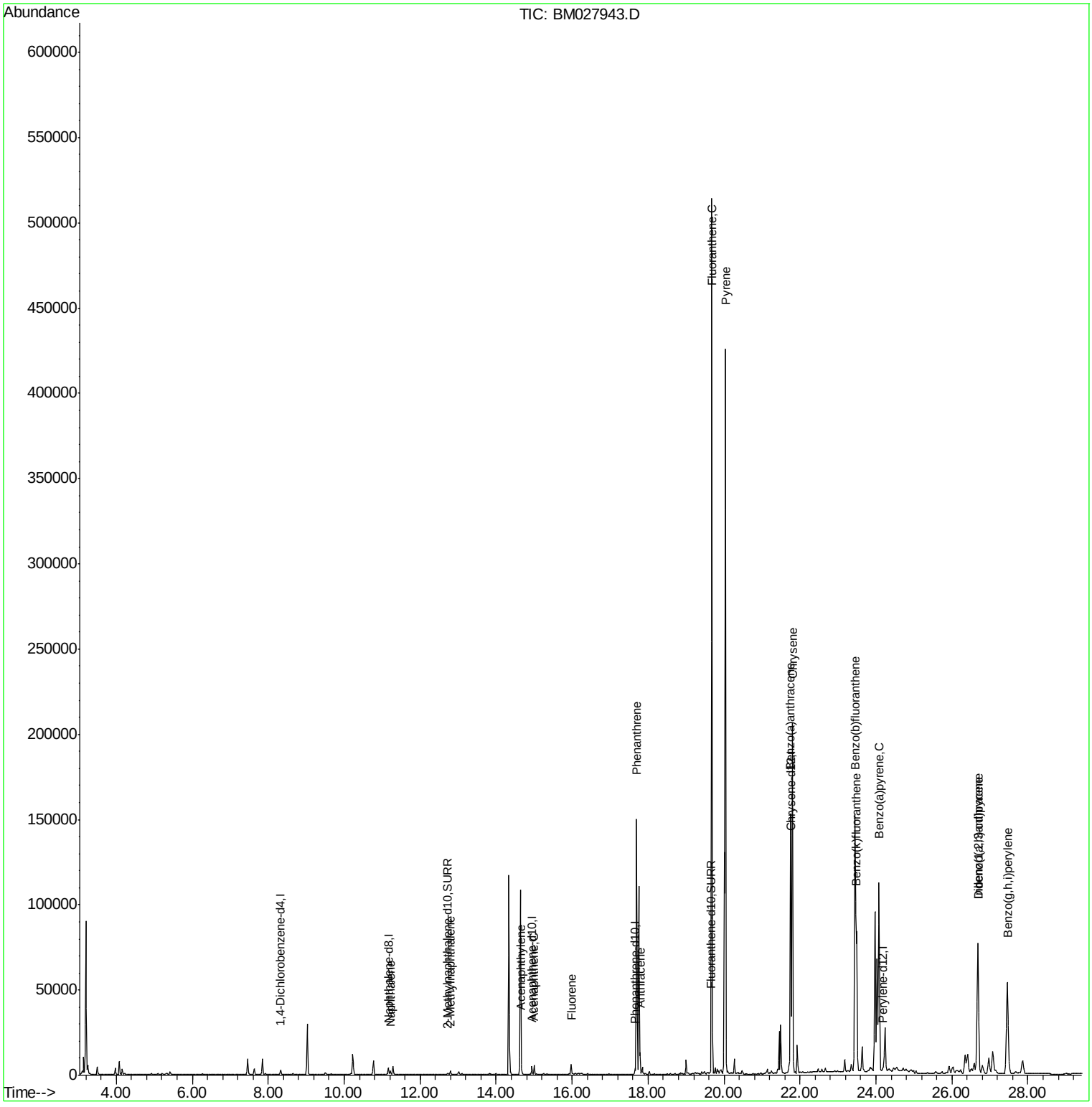
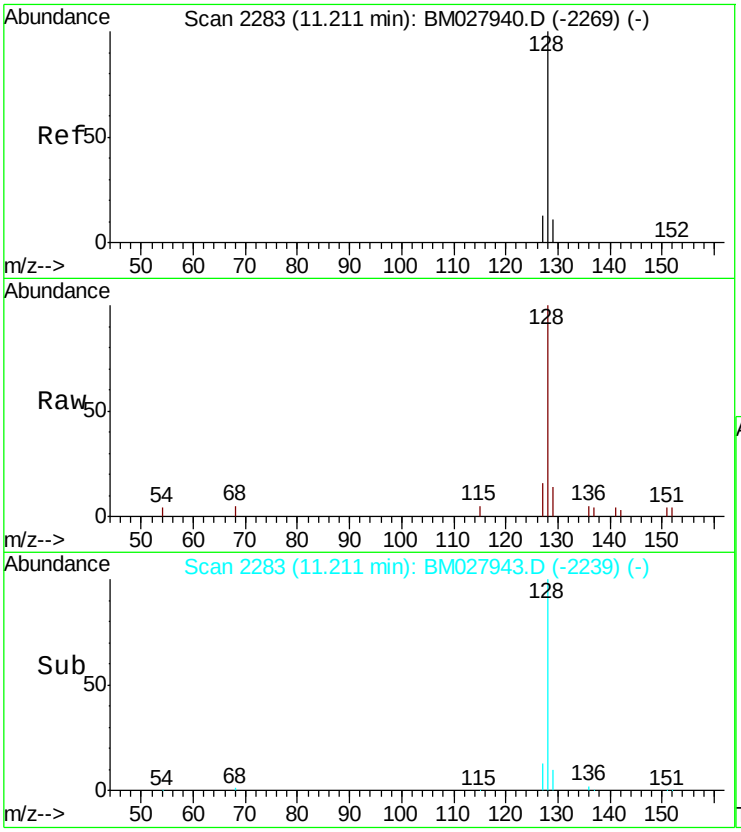
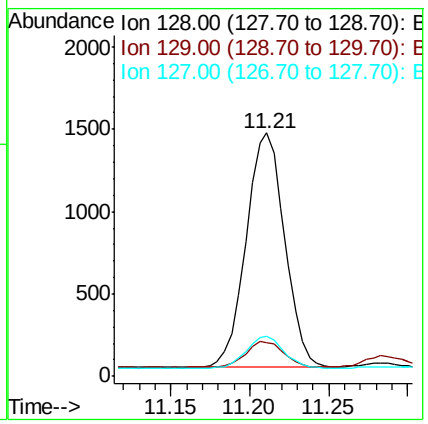




#3
Naphthalene
Concen: 0.156 ng/ul
RT: 11.21 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:128 Resp: 2409

Ion	Ratio	Lower	Upper
128	100		
129	13.6	10.4	15.6
127	16.2	12.0	18.0



Instrument :
BNA_M
ClientSampleId :
C0B12

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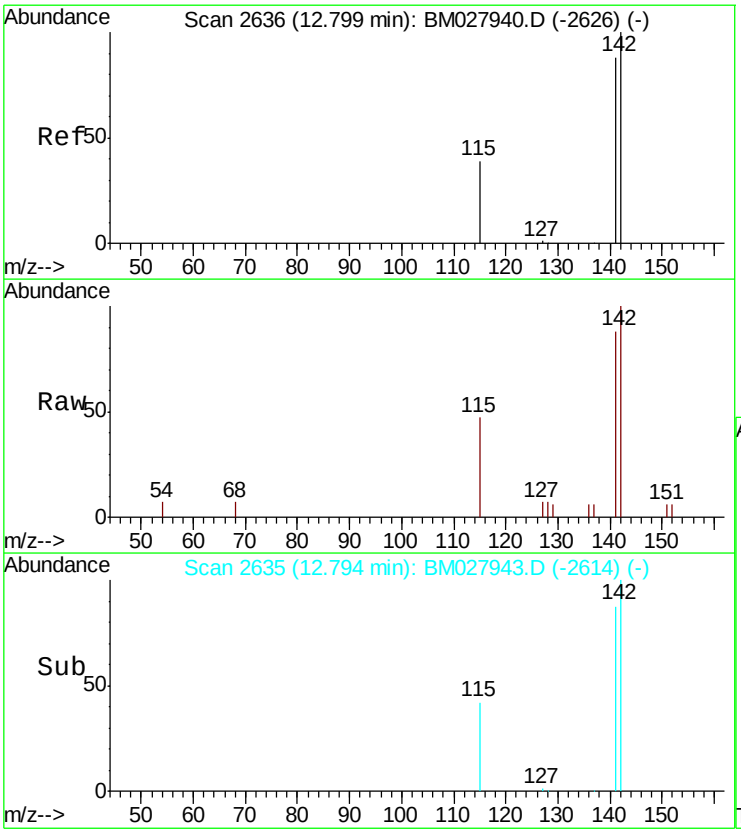
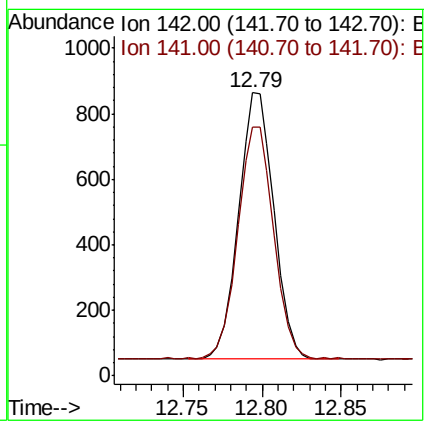
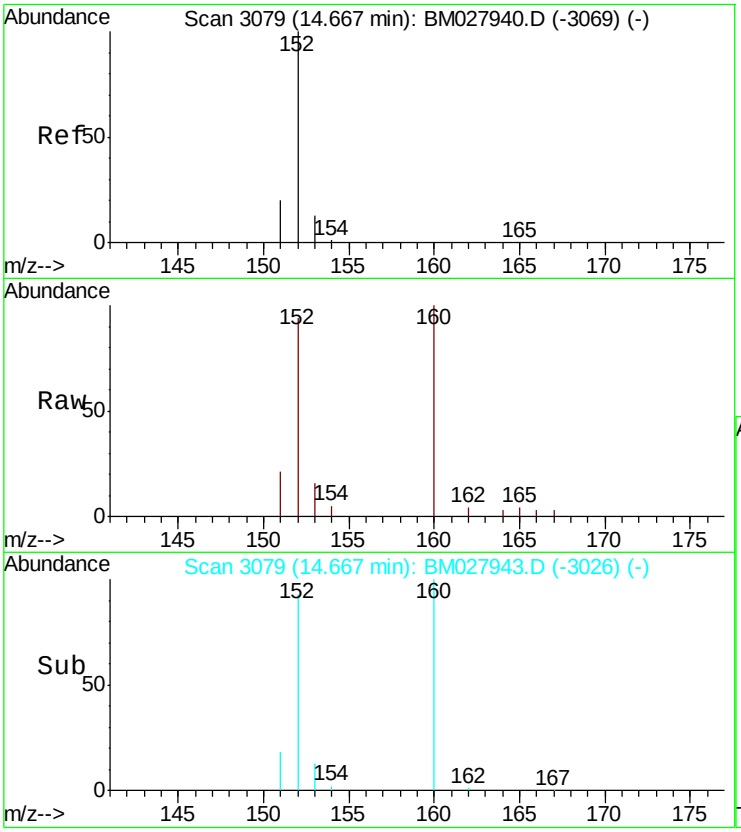


#5
2-Methylnaphthalene
Concen: 0.120 ng/ul
RT: 12.79 min Scan# 2635
Delta R.T. -0.00 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:142 Resp: 1263

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4

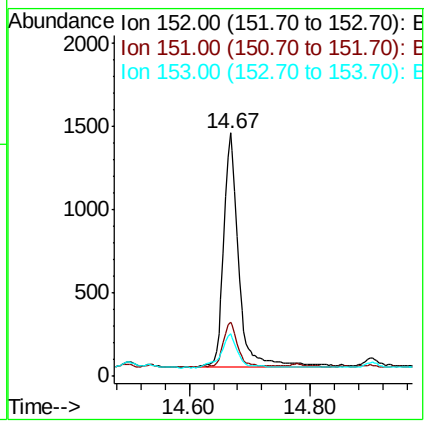




#7
Acenaphthylene
Concen: 0.192 ng/ul
RT: 14.67 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:152 Resp: 2486

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.1	25.7
153	17.4	12.0	18.0



Instrument :
BNA_M
ClientSampleId :
C0B12

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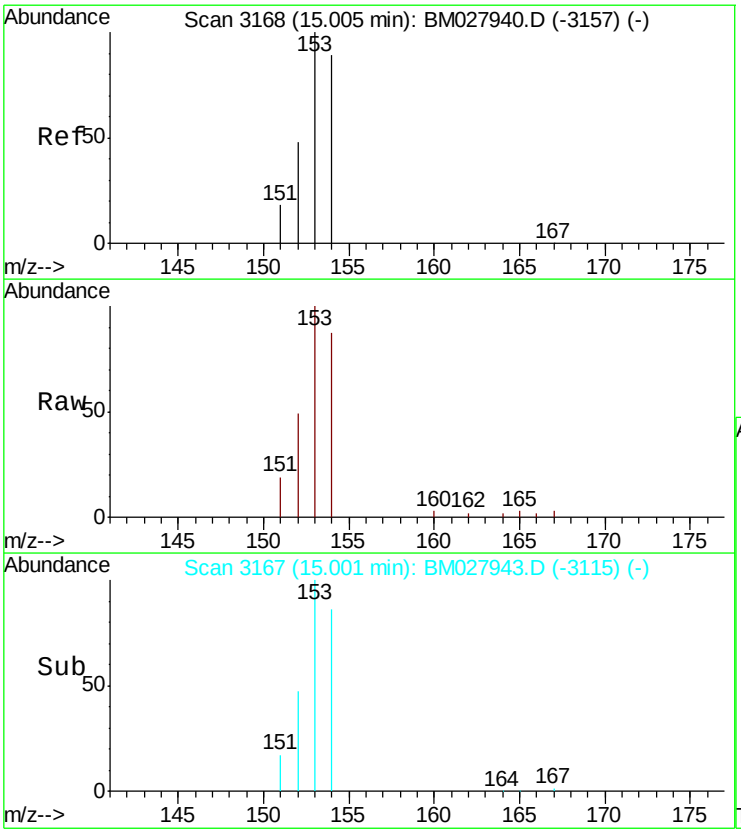
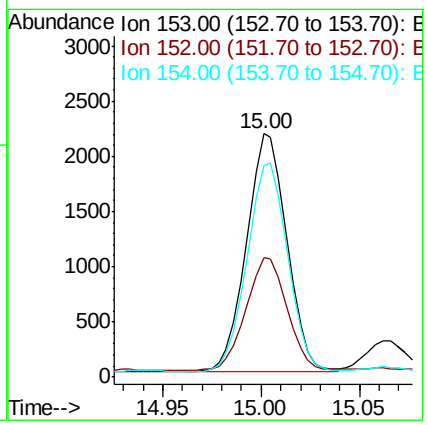
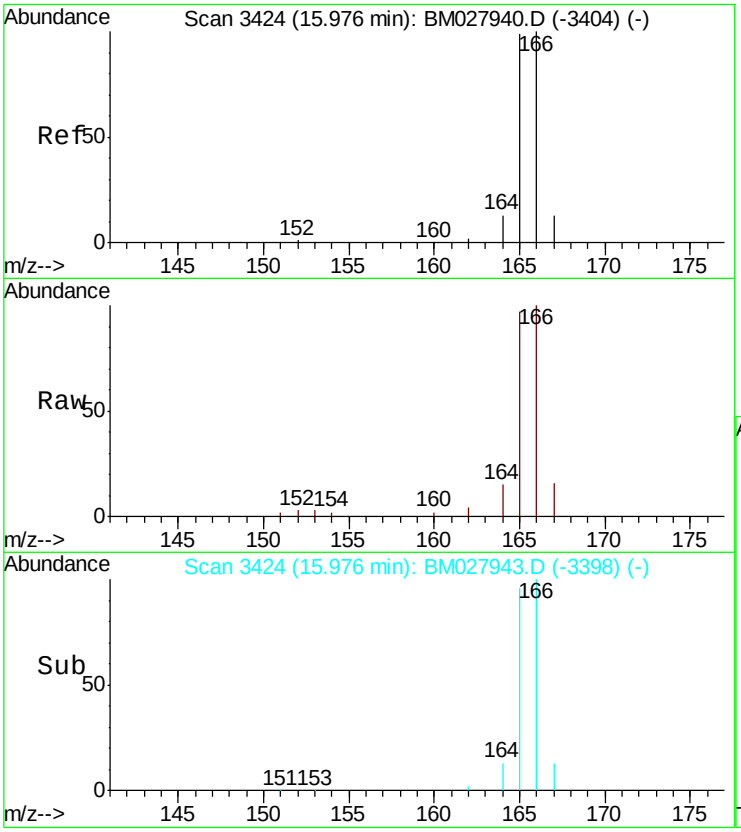


#8
Acenaphthene
Concen: 0.315 ng/ul
RT: 15.00 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:153 Resp: 3061

Ion	Ratio	Lower	Upper
153	100		
152	49.3	39.0	58.6
154	86.8	71.6	107.4

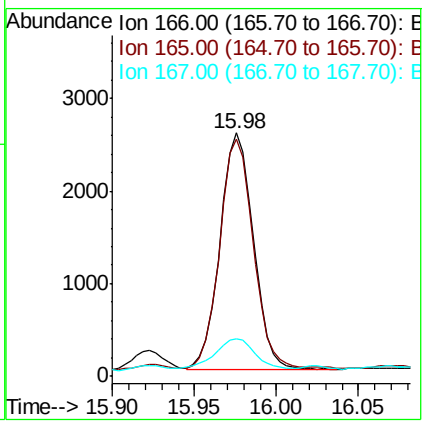




#9
Fluorene
Concen: 0.319 ng/ul
RT: 15.98 min Scan# 3424
Delta R.T. -0.00 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:166 Resp: 3594

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.1	117.1
167	15.6	11.8	17.8



Instrument :
BNA_M
ClientSampleId :
C0B12

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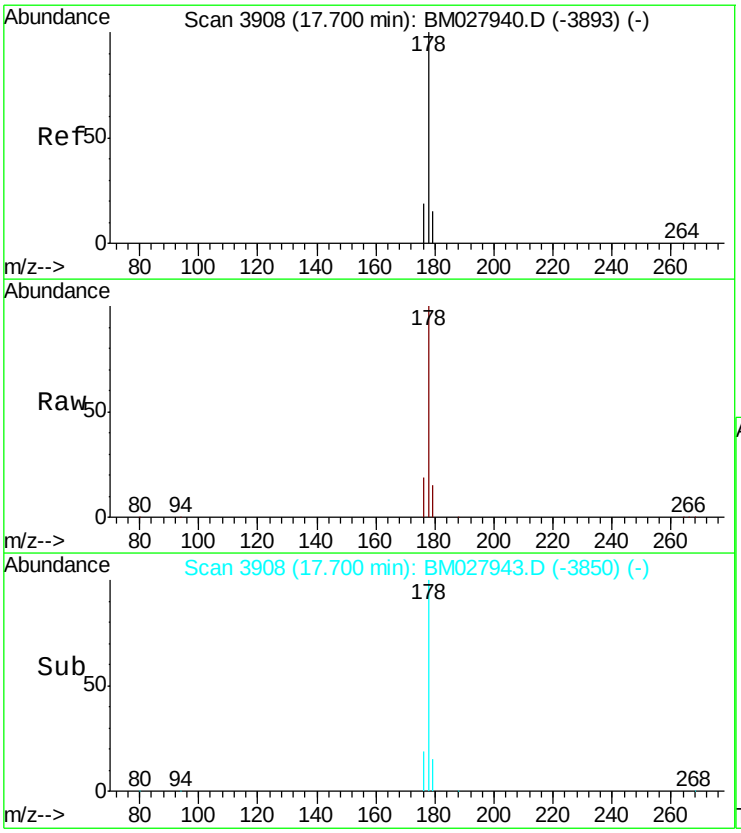
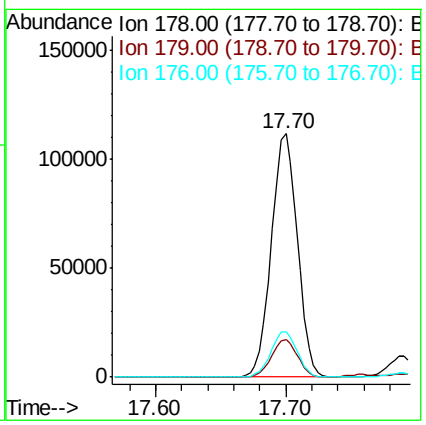
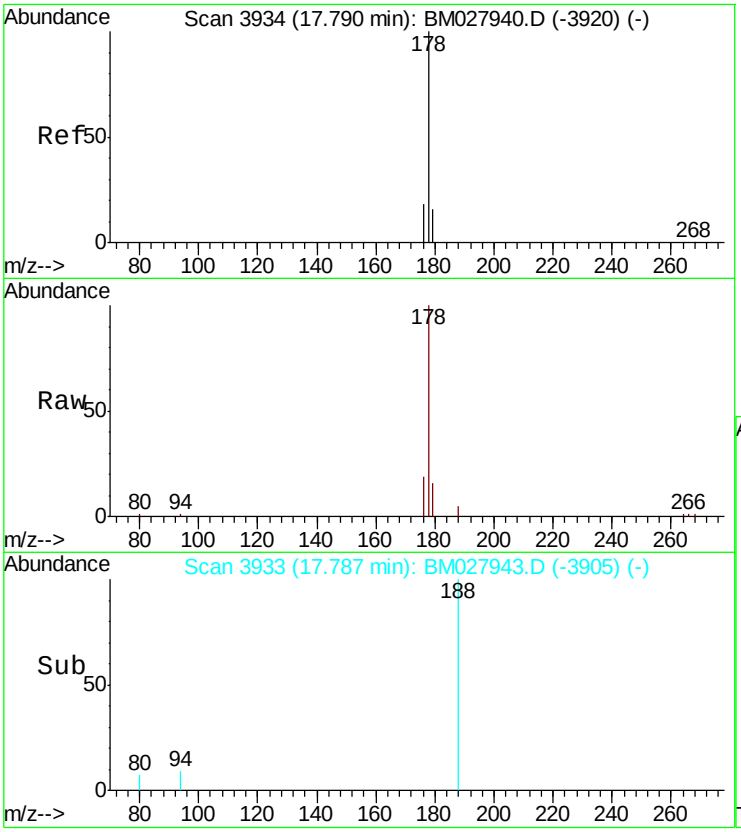


#12
Phenanthrene
Concen: 11.428 ng/ul
RT: 17.70 min Scan# 3908
Delta R.T. -0.00 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:178 Resp: 153755

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.7	16.1	24.1

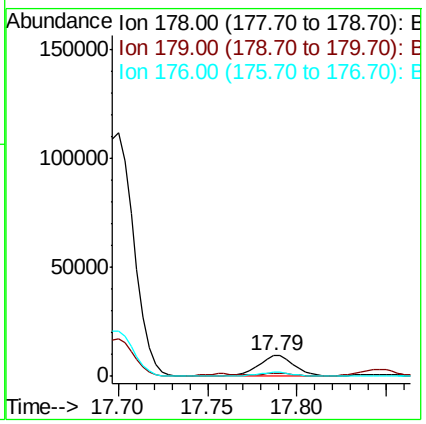




#13
Anthracene
Concen: 0.987 ng/ul
RT: 17.79 min Scan# 3933
Delta R.T. -0.00 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:178 Resp: 12812

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.4	20.2
176	18.6	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
C0B12

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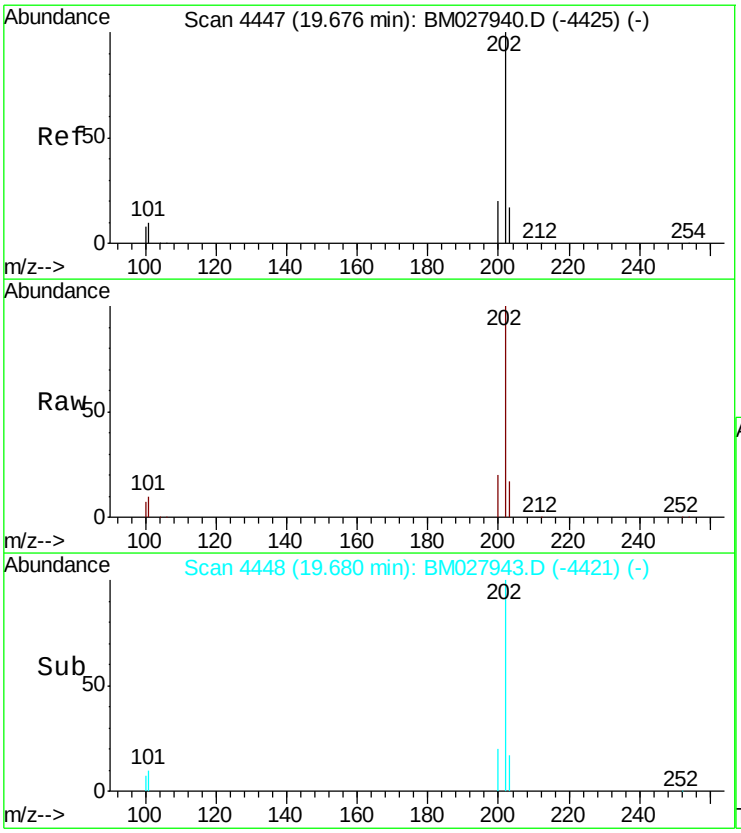
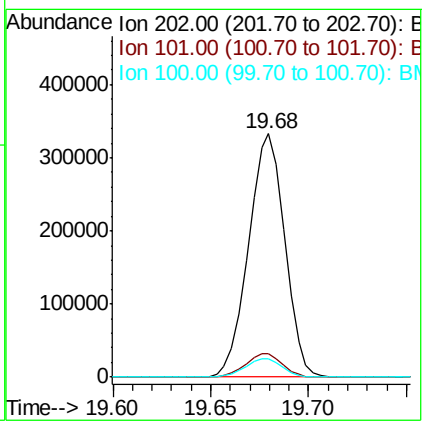
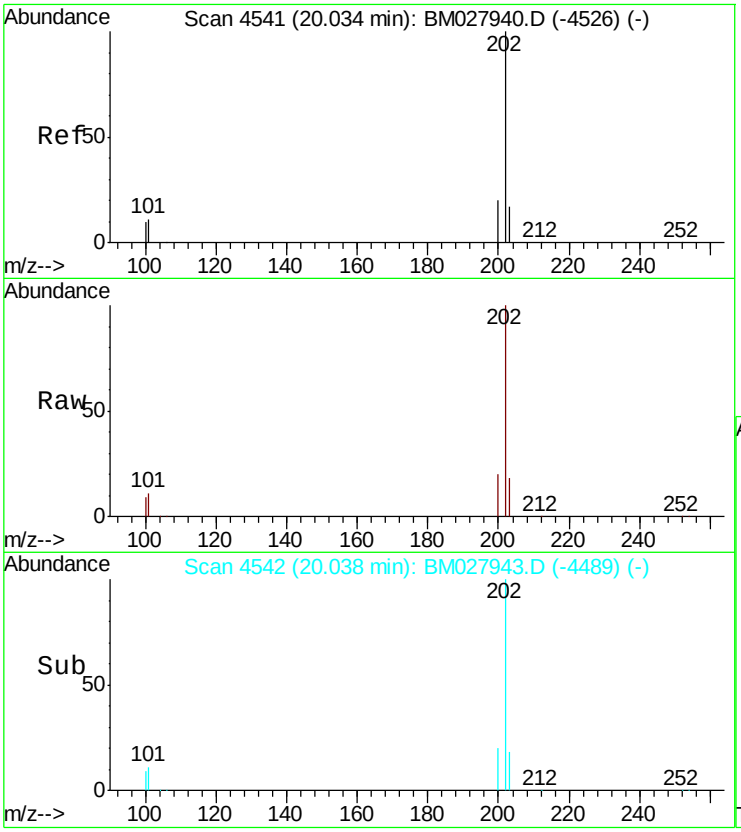


#15
Fluoranthene
Concen: 28.662 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. 0.00 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:202 Resp: 427563

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.3
100	7.4	0.0	27.4





#17
Pyrene
Concen: 24.281 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. 0.00 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:202 Resp: 346640

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.2	12.2
100	8.9	6.9	10.3

Instrument :
BNA_M
ClientSampleId :
C0B12

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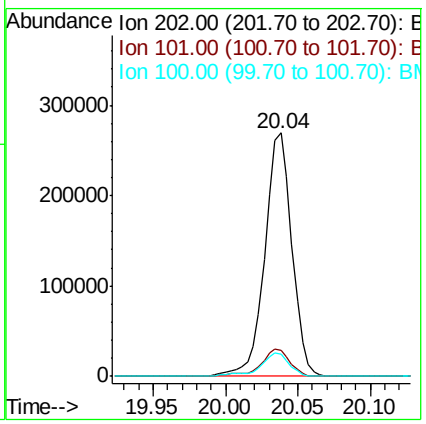
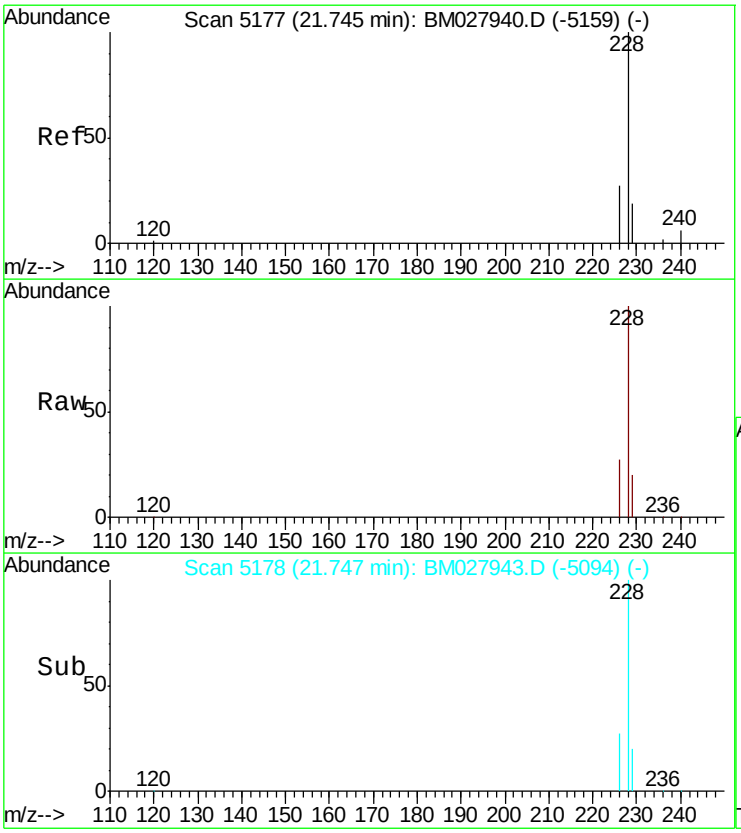
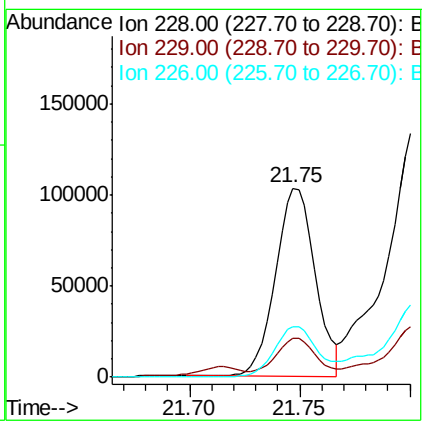


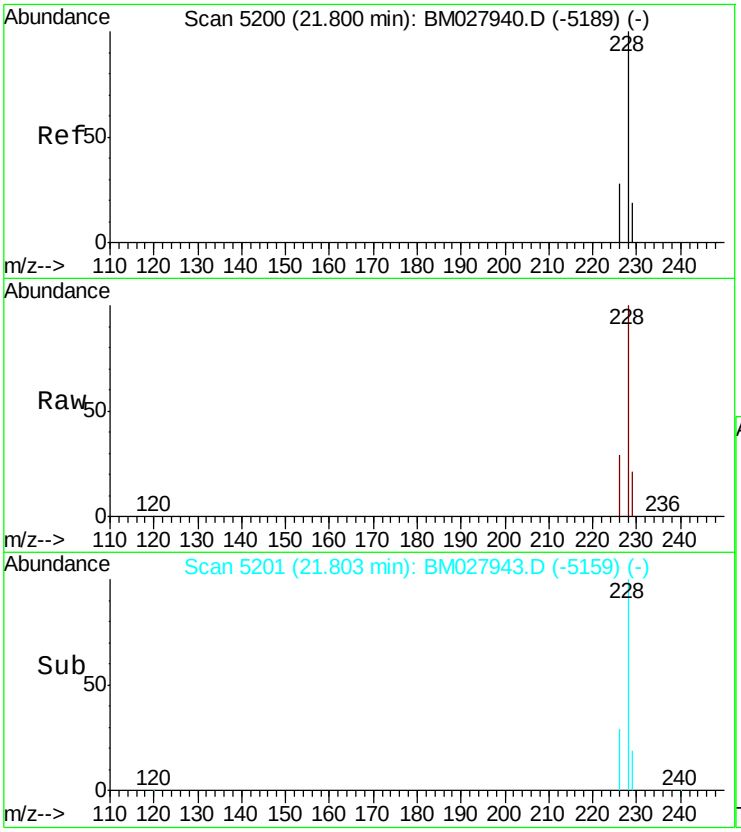


#18
Benzo(a)anthracene
Concen: 11.449 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. 0.00 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:228 Resp: 129853

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.4
226	26.9	21.5	32.3

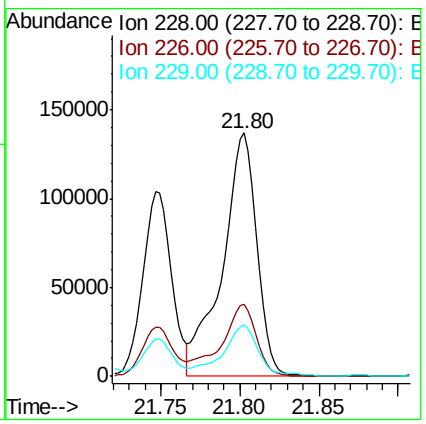




#19
Chrysene
Concen: 18.645 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. 0.00 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:228 Resp: 205974

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	21.0	16.6	24.8



Instrument :
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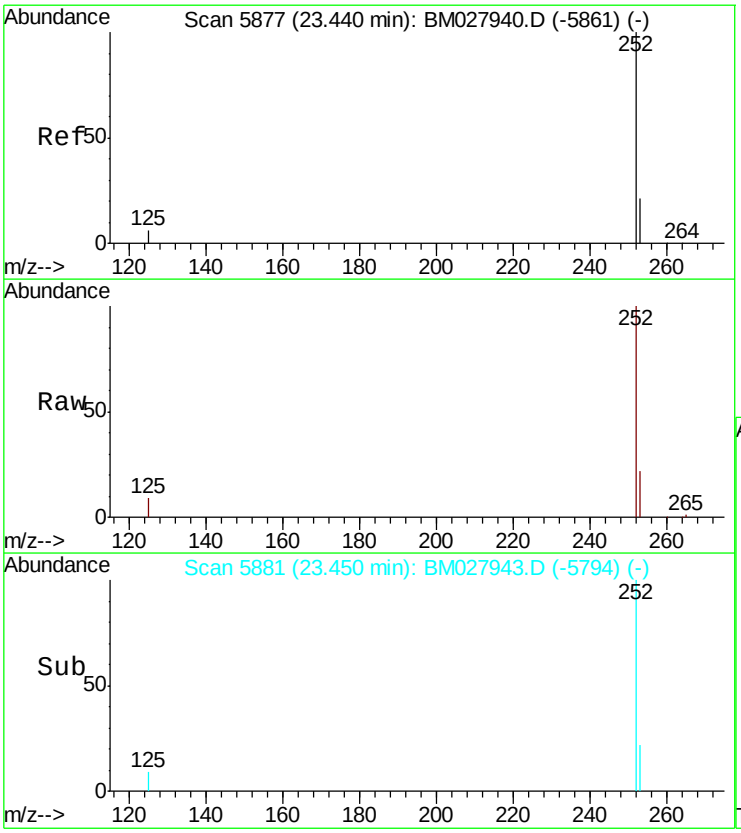
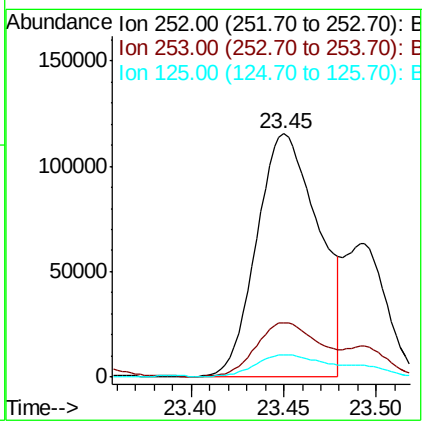
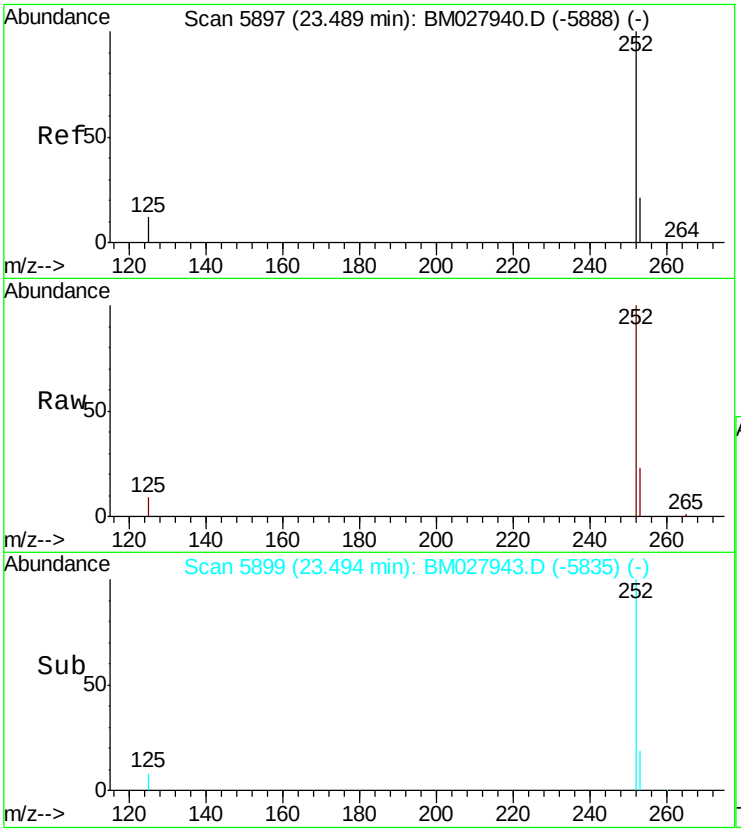


#21
Benzo(b)fluoranthene
Concen: 20.542 ng/ul m
RT: 23.45 min Scan# 5881
Delta R.T. 0.01 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:252 Resp: 267189

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	59.6
125	9.1	0.0	28.4

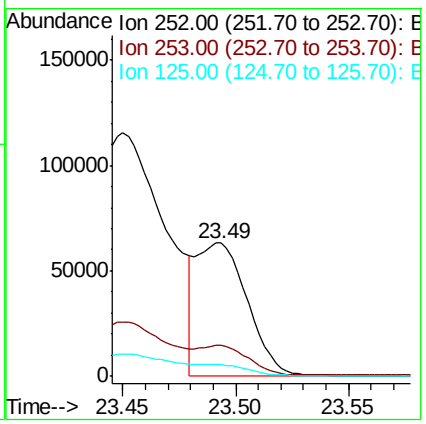




#22
Benzo(k)fluoranthene
Concen: 7.922 ng/ul m
RT: 23.49 min Scan# 5899
Delta R.T. 0.00 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:252 Resp: 100904

Ion	Ratio	Lower	Upper
252	100		
253	23.2	23.2	34.8
125	8.8	11.8	17.6#



Instrument :
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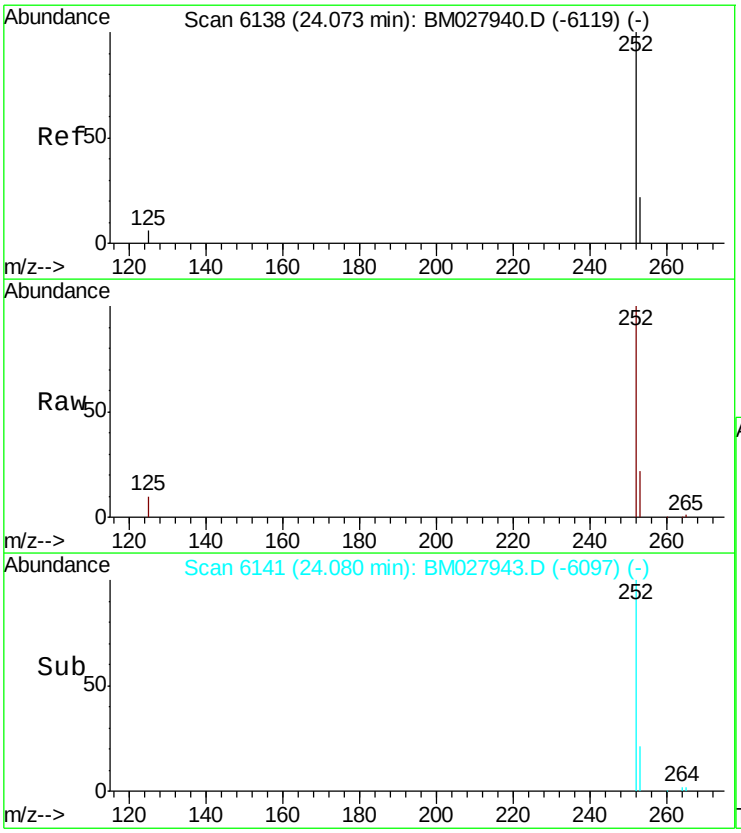
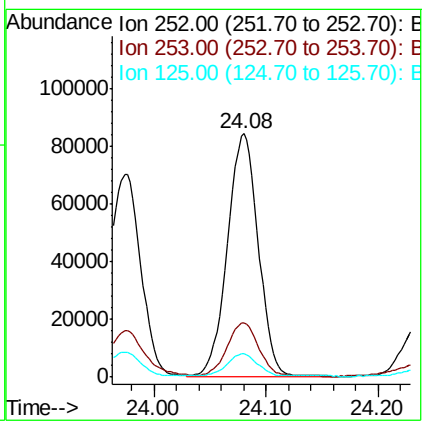
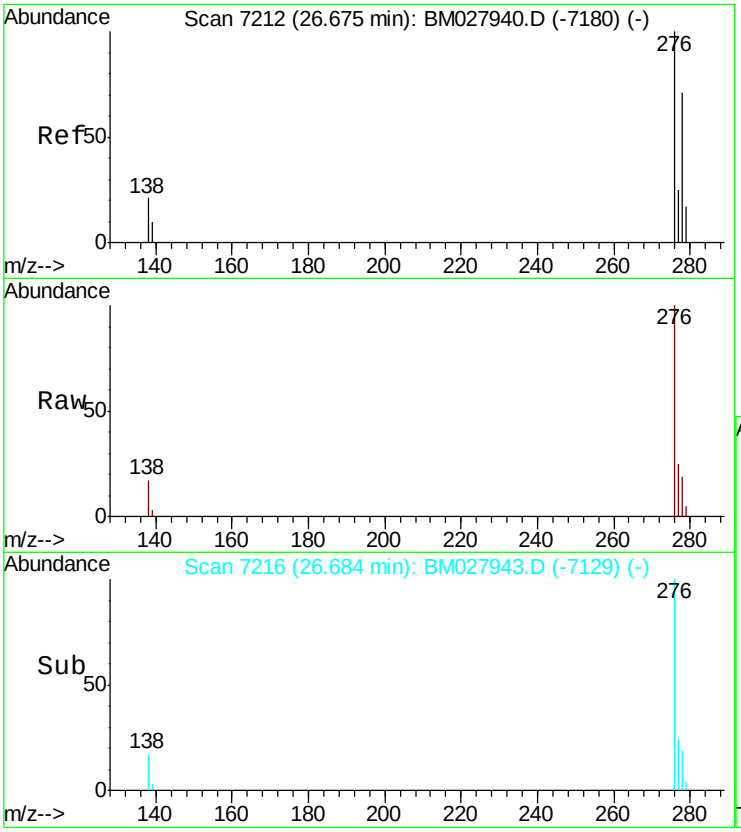


#23
Benzo(a)pyrene
Concen: 14.091 ng/ul
RT: 24.08 min Scan# 6141
Delta R.T. 0.01 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:252 Resp: 160250

Ion	Ratio	Lower	Upper
252	100		
253	22.4	25.2	37.8#
125	9.5	13.8	20.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 10.668 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. 0.01 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:276 Resp: 131355

Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.7	23.5
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C0B12

Manual Integrations APPROVED
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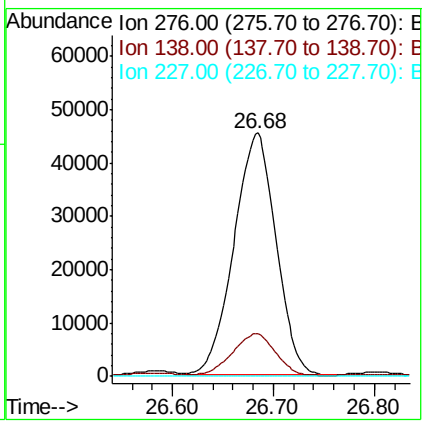
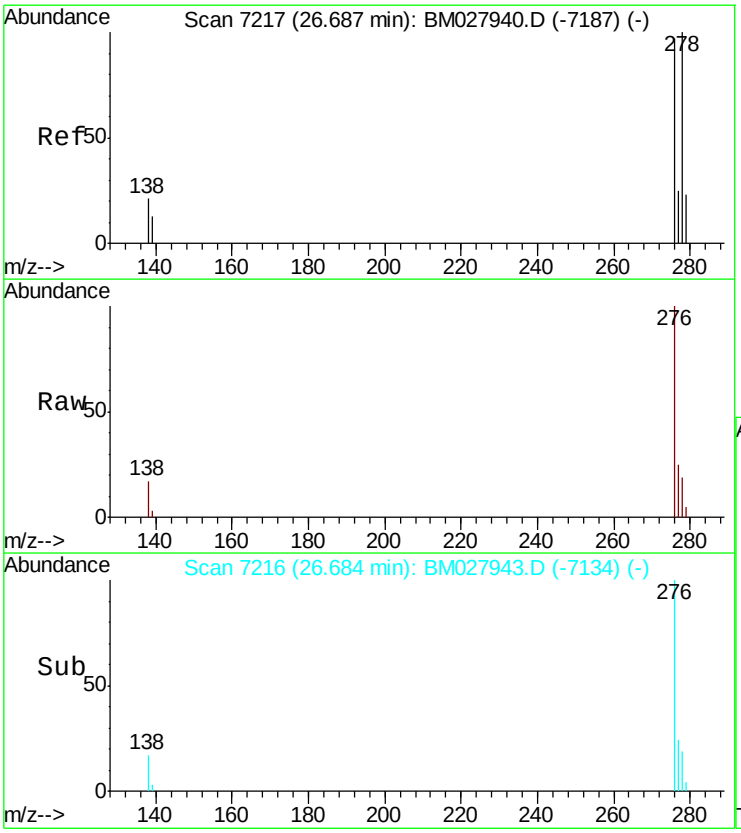
11/25/2020 12:46:06 PM

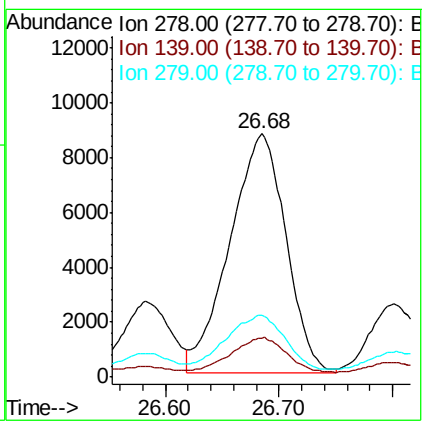


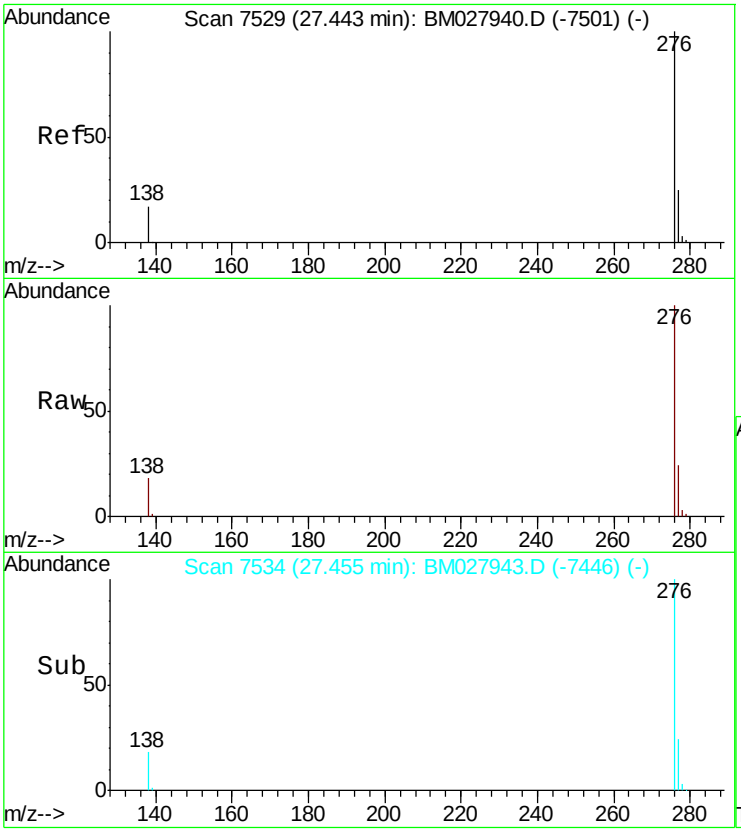


#25
Dibenzo(a,h)anthracene
Concen: 2.917 ng/ul m
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:278 Resp: 29908

Ion	Ratio	Lower	Upper
278	100		
139	16.2	14.8	22.2
279	25.2	25.8	38.6#

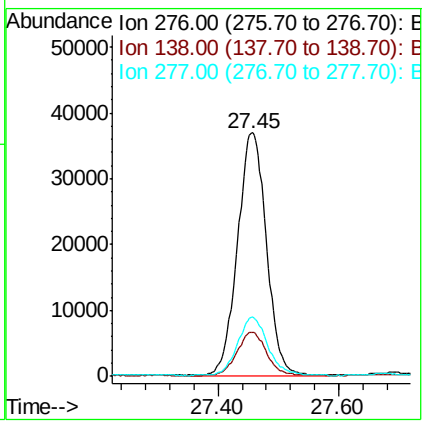




#26
Benzo(g,h,i)perylene
Concen: 11.806 ng/ul
RT: 27.45 min Scan# 7534
Delta R.T. 0.01 min
Lab File: BM027943.D
Acq: 24 Nov 2020 15:19

Tgt Ion:276 Resp: 121966

Ion	Ratio	Lower	Upper
276	100		
138	18.1	17.4	26.2
277	24.1	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
C0B12

Manual Integrations APPROVED
mohammad
11/25/2020 12:46:06 PM