Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027971.D
Acq On : 25 Nov 2020 19:36
Operator : JU/CG
Sample : L4749-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 26 01:03:11 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 : Thu Nov 26 00:48:20 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0B69

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1179	0.40	ng/ul	0.00
2) Naphthalene-d8	11.15	136	4683	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2667	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4361	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2719	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2588	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	1883	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	2611	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.21	128	694	0.049	ng/ul#	81
5) 2-Methylnaphthalene	12.79	142	461	0.048	ng/ul	99
7) Acenaphthylene	14.66	152	580	0.045	ng/ul#	53
8) Acenaphthene	15.00	153	960	0.098	ng/ul	97
9) Fluorene	15.97	166	1209	0.107	ng/ul#	95
12) Phenanthrene	17.69	178	39507	2.868	ng/ul	97
13) Anthracene	17.78	178	6073	0.457	ng/ul	99
15) Fluoranthene	19.67	202	124939	8.179	ng/ul	99
17) Pyrene	20.03	202	100017	7.243	ng/ul	97
18) Benzo(a)anthracene	21.74	228	50647	4.617	ng/ul	100
19) Chrysene	21.80	228	62565	5.855	ng/ul	99
21) Benzo(b)fluoranthene	23.44	252	81083m	7.455	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	26410m	2.480	ng/ul	
23) Benzo(a)pyrene	24.07	252	49293	5.184	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.67	276	37679	3.660	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.67	278	9345	1.090	ng/ul	93
26) Benzo(g,h,i)perylene	27.44	276	34449	3.988	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027971.D
Acq On : 25 Nov 2020 19:36
Operator : JU/CG
Sample : L4749-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 26 01:03:11 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 : Thu Nov 26 00:48:20 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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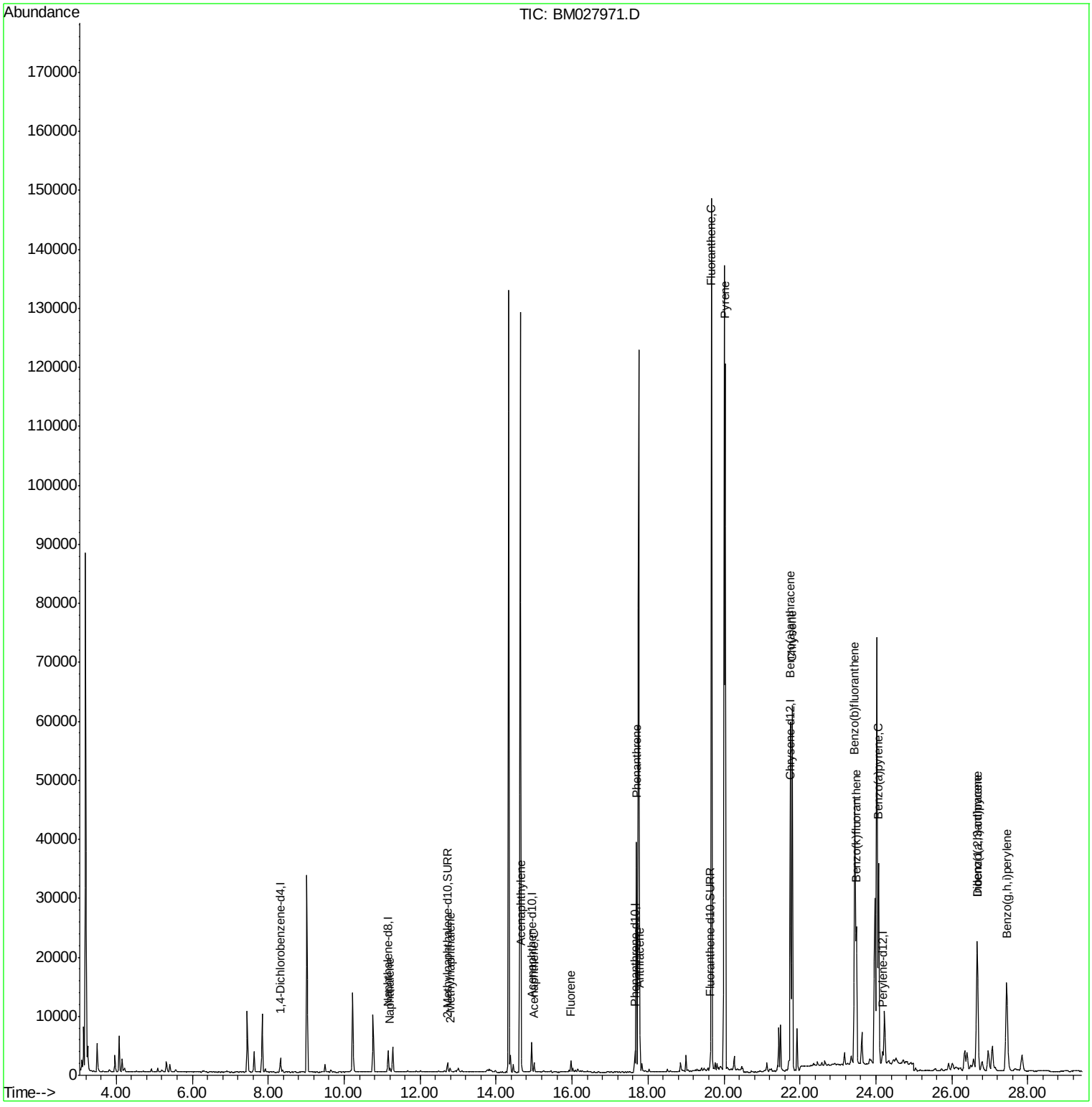

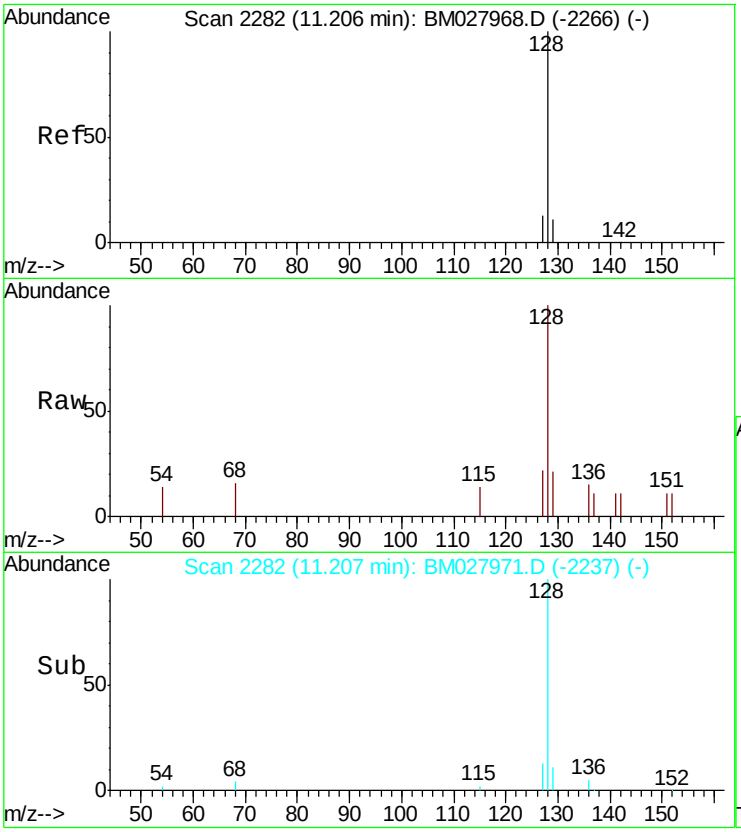

#3
Naphthalene
Concen: 0.049 ng/ul
RT: 11.21 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:128 Resp: 694

Ion	Ratio	Lower	Upper
128	100		
129	21.2	10.4	15.6#
127	22.2	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
C0B69

Manual Integrations APPROVED
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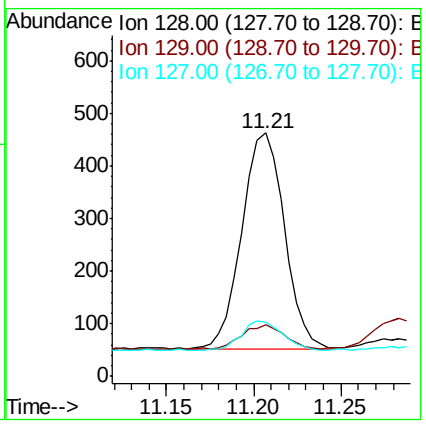
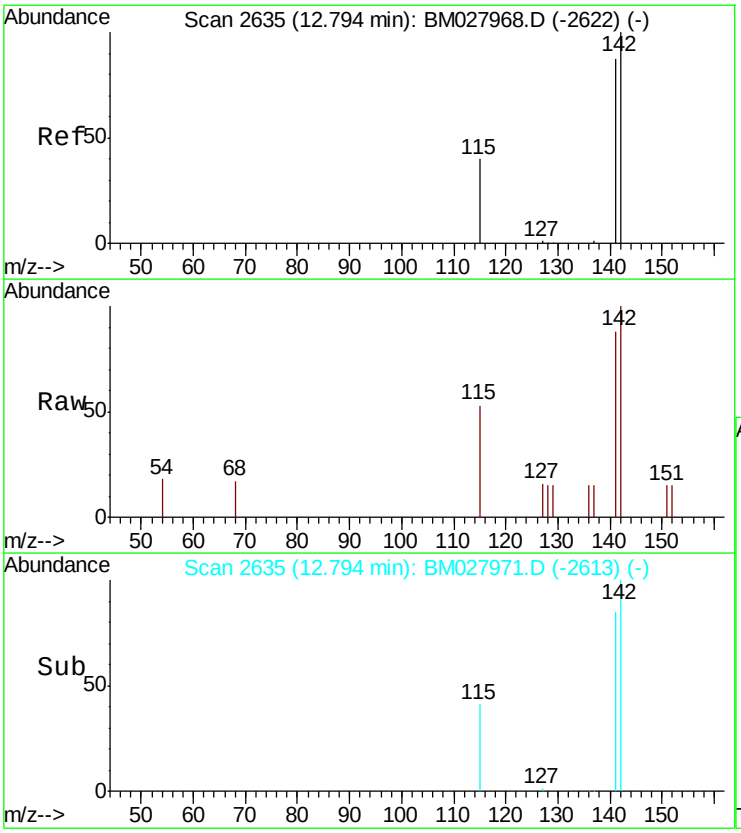
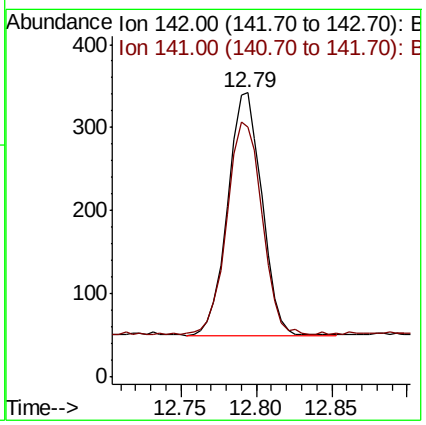


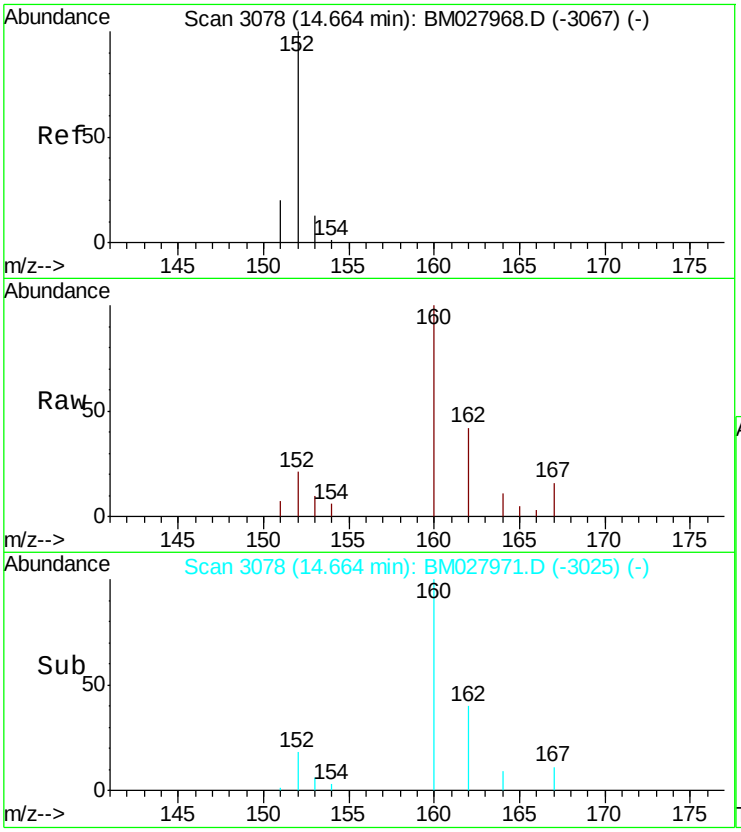


#5
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.79 min Scan# 2635
Delta R.T. 0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:142 Resp: 461

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.6	107.4





#7
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.66 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:152 Resp: 580

Ion	Ratio	Lower	Upper
152	100		
151	32.7	17.1	25.7#
153	47.8	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
C0B69

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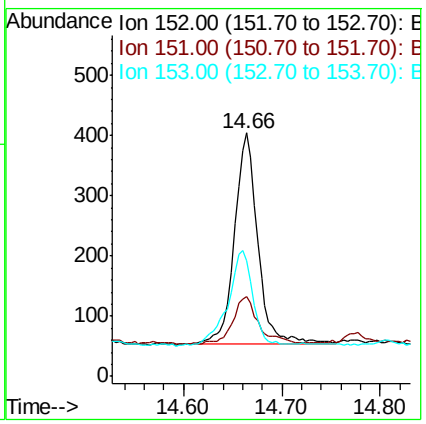
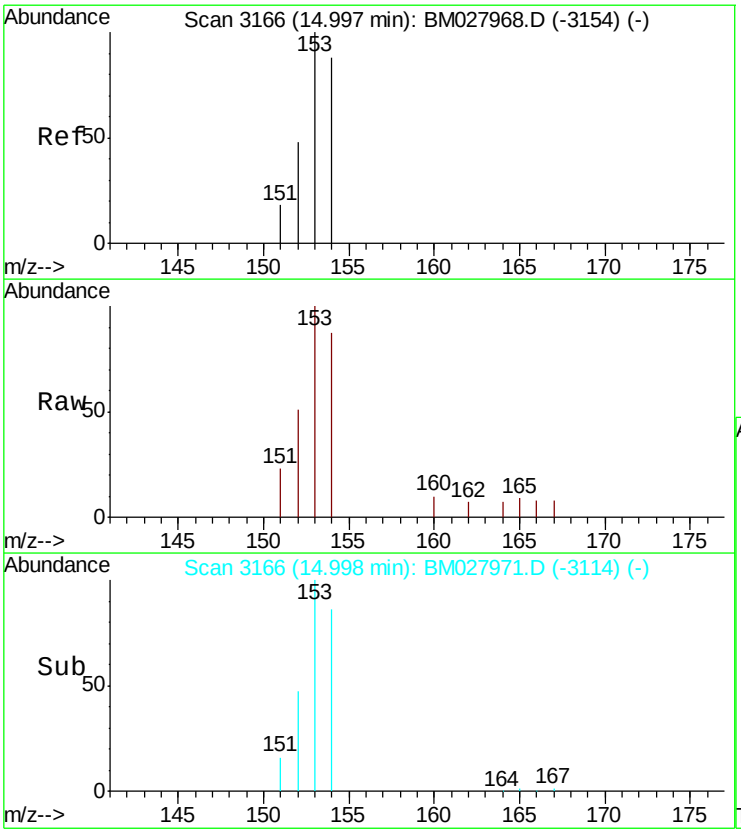
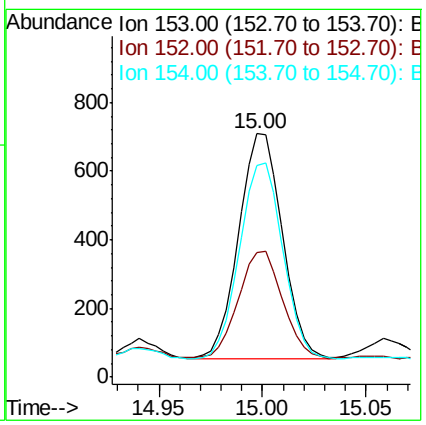


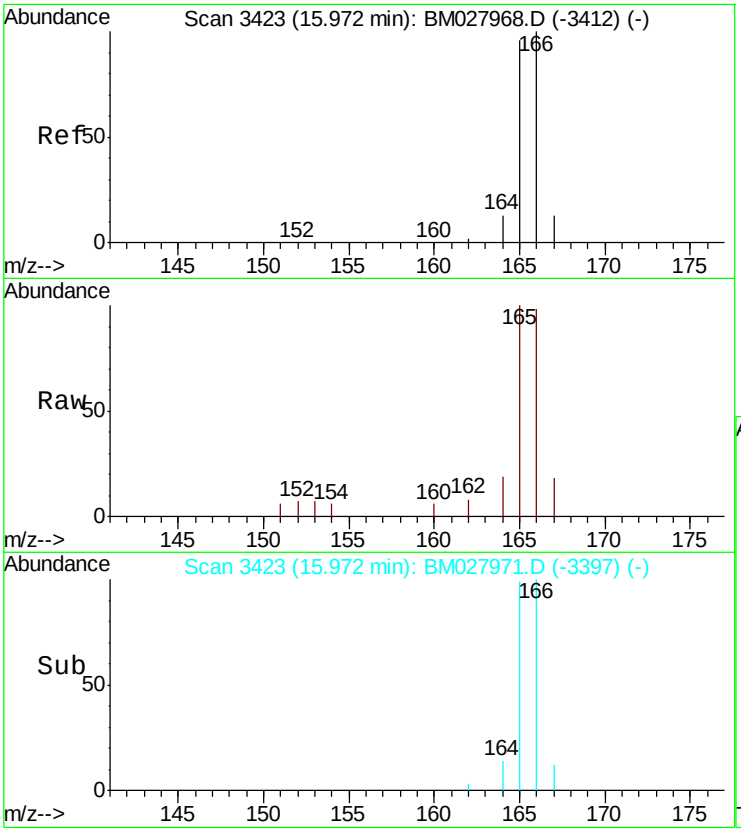


#8
Acenaphthene
Concen: 0.098 ng/ul
RT: 15.00 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:153 Resp: 960

Ion	Ratio	Lower	Upper
153	100		
152	51.3	39.0	58.6
154	87.2	71.6	107.4





#9
Fluorene
Concen: 0.107 ng/ul
RT: 15.97 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:166 Resp: 1209

Ion	Ratio	Lower	Upper
166	100		
165	102.0	78.1	117.1
167	18.6	11.8	17.8#

Instrument :
BNA_M
ClientSampleId :
C0B69

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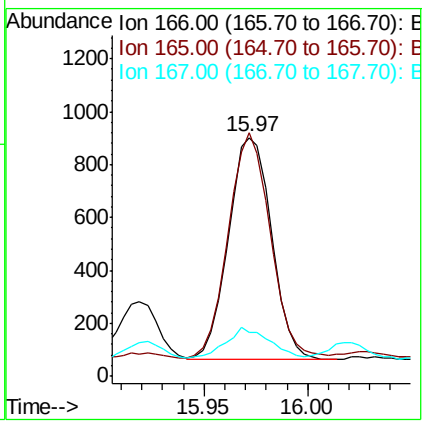
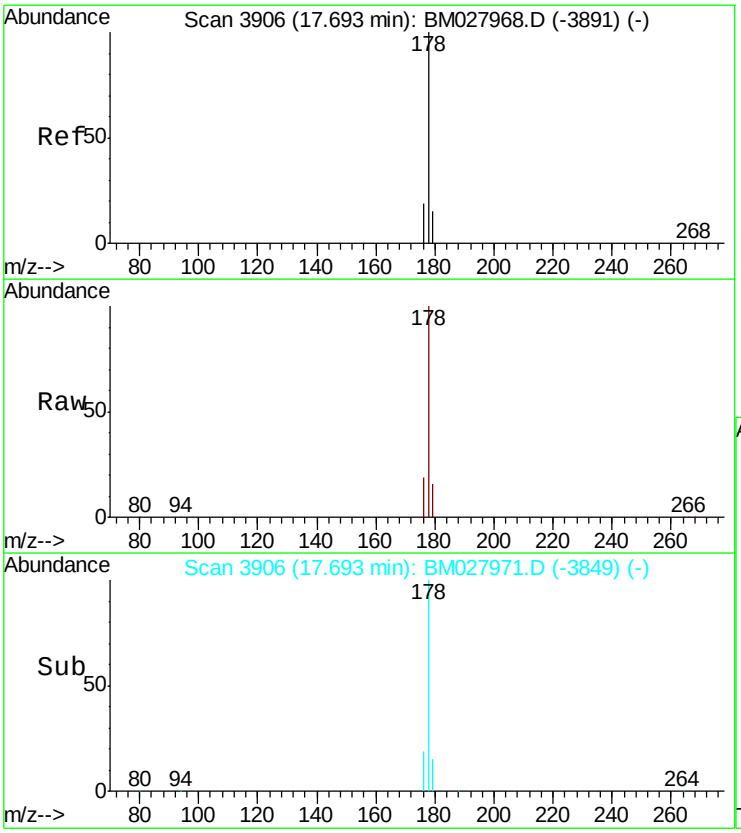
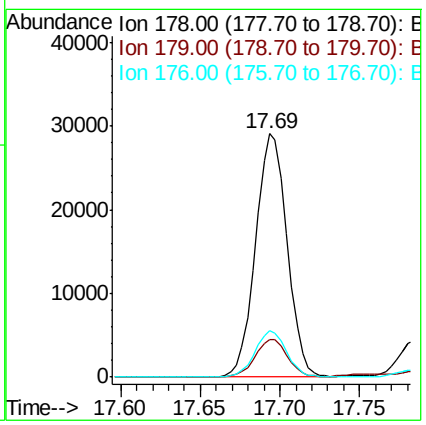


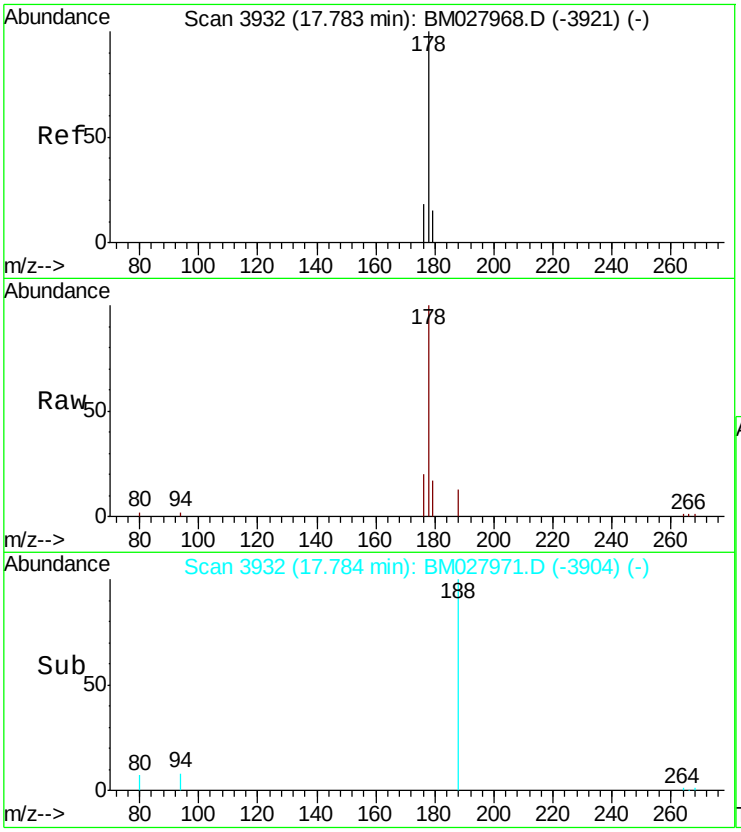


#12
Phenanthrene
Concen: 2.868 ng/ul
RT: 17.69 min Scan# 3906
Delta R.T. -0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:178 Resp: 39507

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.6	20.4
176	19.1	16.1	24.1

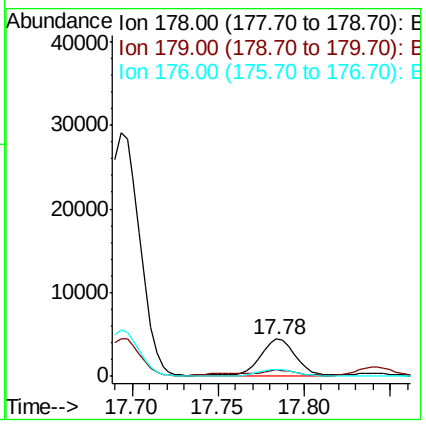




#13
Anthracene
Concen: 0.457 ng/ul
RT: 17.78 min Scan# 3932
Delta R.T. -0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:178 Resp: 6073

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.4	20.2
176	19.6	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
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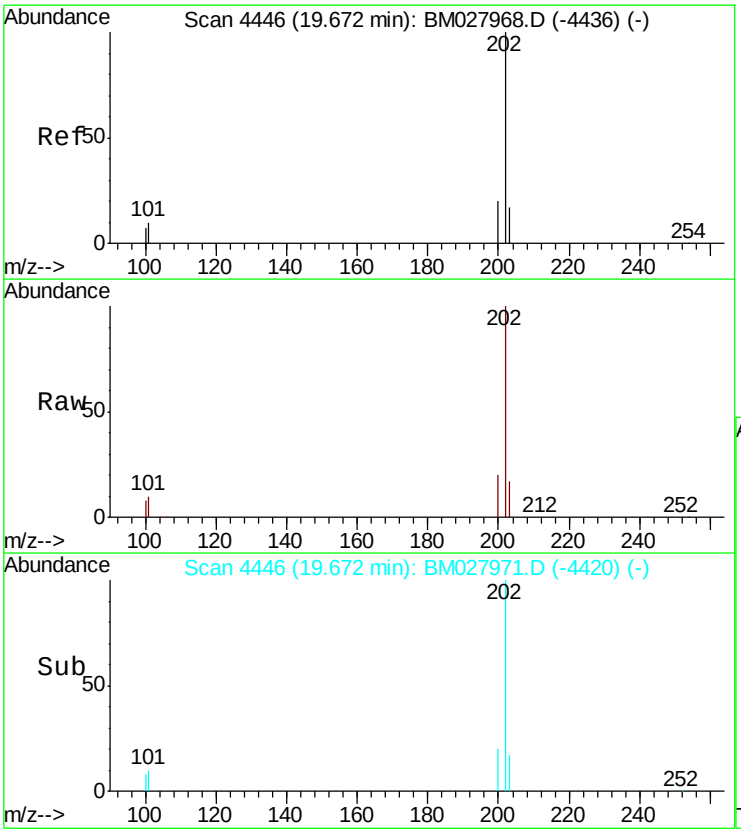
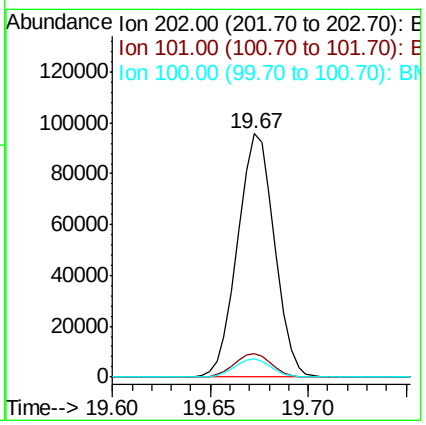
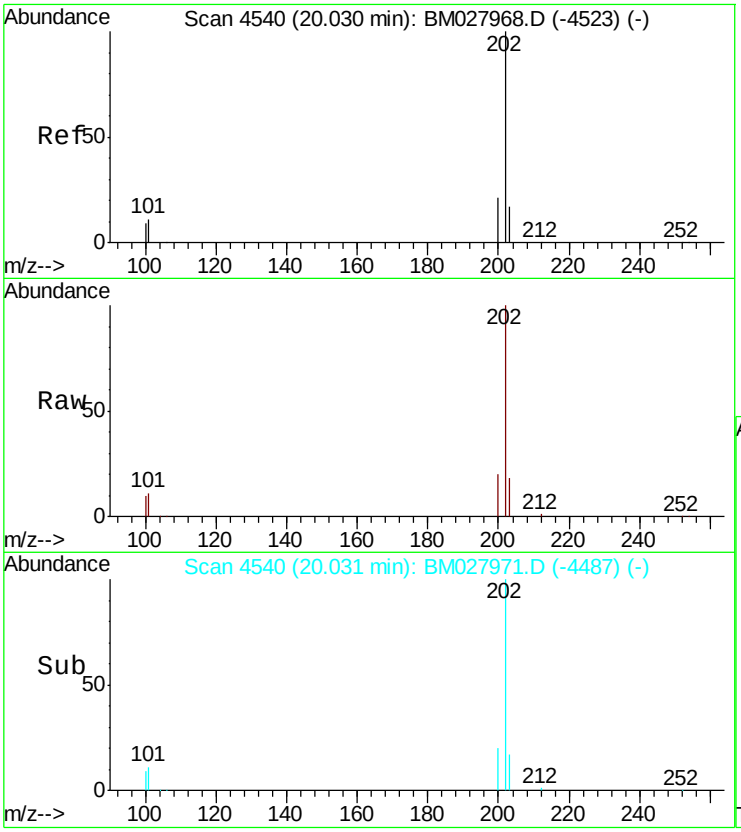


#15
Fluoranthene
Concen: 8.179 ng/ul
RT: 19.67 min Scan# 4446
Delta R.T. 0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:202 Resp: 124939

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.3
100	7.6	0.0	27.4

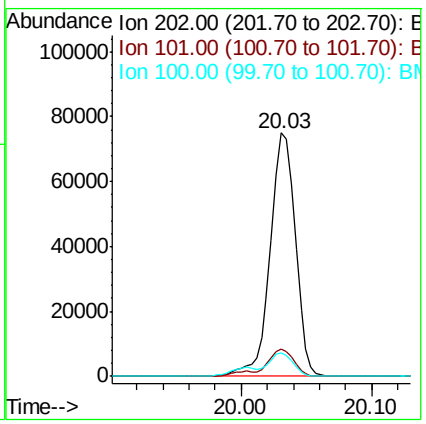




#17
Pyrene
Concen: 7.243 ng/ul
RT: 20.03 min Scan# 4540
Delta R.T. 0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:202 Resp: 100017

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.2	12.2
100	9.5	6.9	10.3



Instrument :
BNA_M
ClientSampleId :
C0B69

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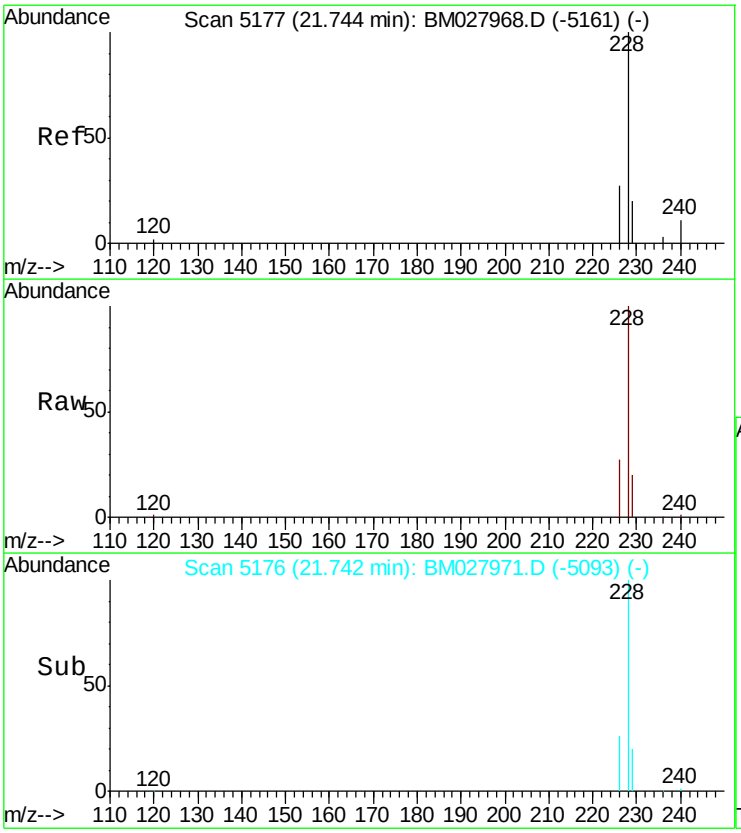
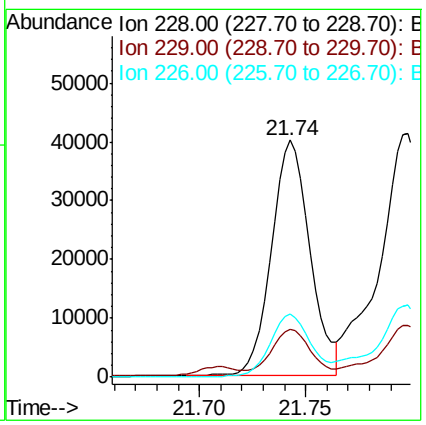
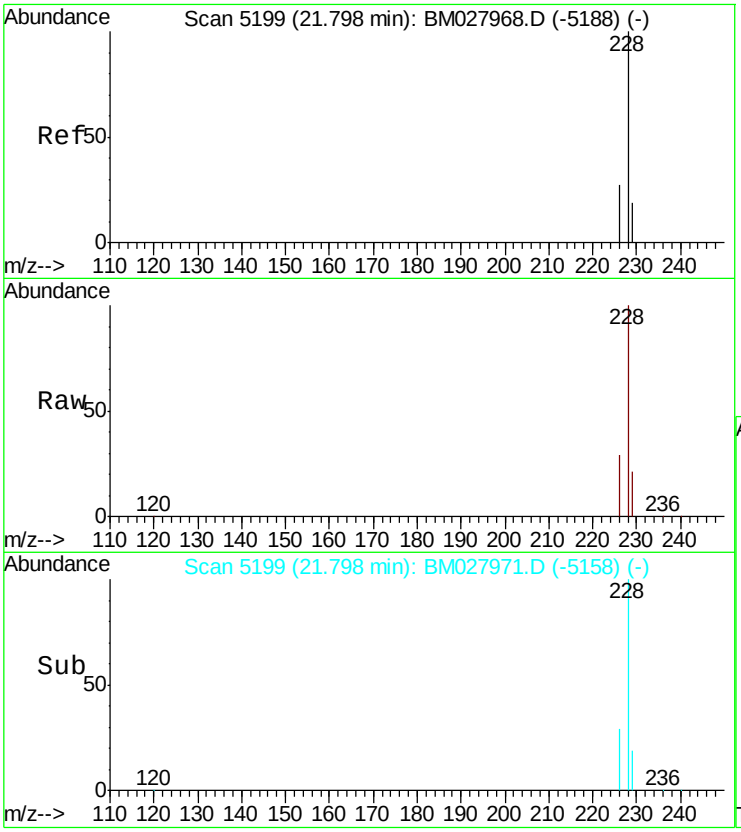


#18
Benzo(a)anthracene
Concen: 4.617 ng/ul
RT: 21.74 min Scan# 5176
Delta R.T. 0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:228 Resp: 50647

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.4
226	26.7	21.5	32.3

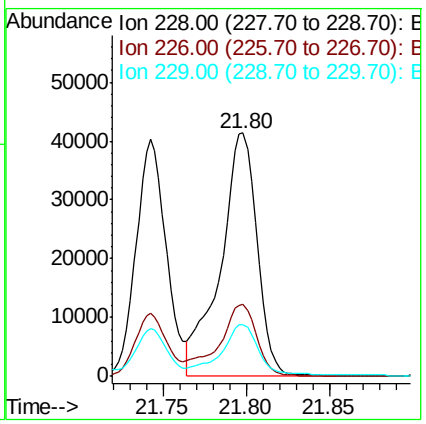




#19
Chrysene
Concen: 5.855 ng/ul
RT: 21.80 min Scan# 5199
Delta R.T. 0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:228 Resp: 62565

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	21.2	16.6	24.8



Instrument :
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ClientSampleId :
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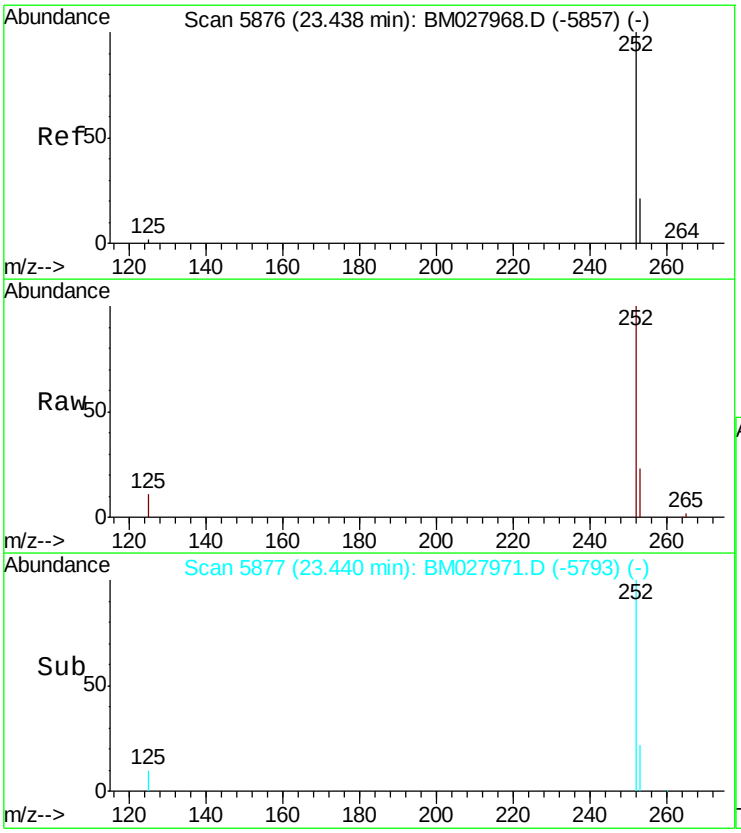
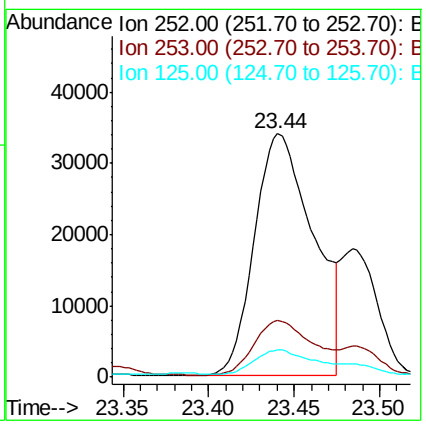
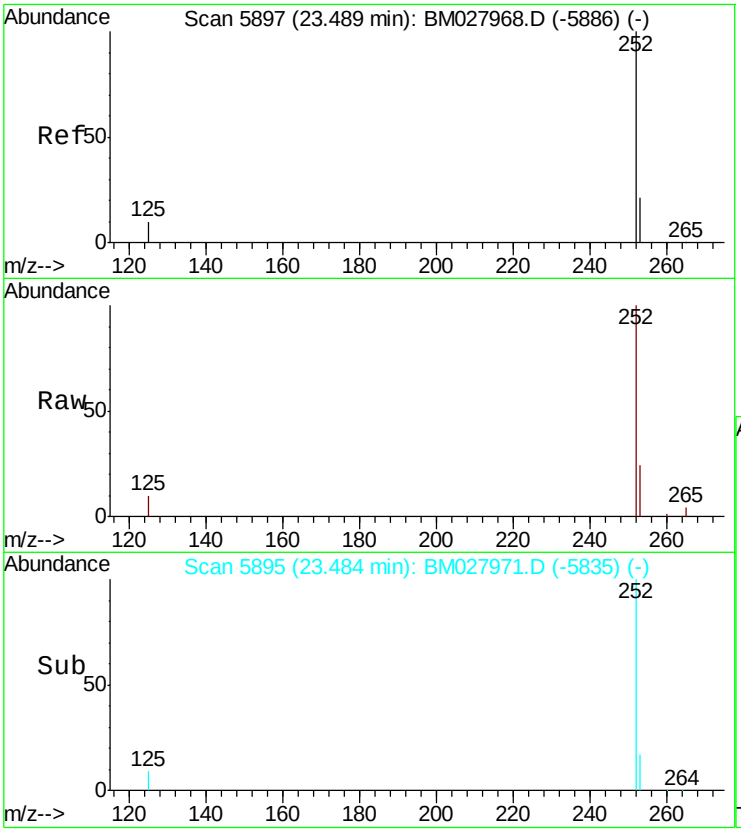


#21
Benzo(b)fluoranthene
Concen: 7.455 ng/ul m
RT: 23.44 min Scan# 5877
Delta R.T. 0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:252 Resp: 81083

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	59.6
125	11.0	0.0	28.4





#22
Benzo(k)fluoranthene
Concen: 2.480 ng/ul m
RT: 23.48 min Scan# 5895
Delta R.T. -0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:252 Resp: 26410

Ion	Ratio	Lower	Upper
252	100		
253	24.0	23.2	34.8
125	10.4	11.8	17.6#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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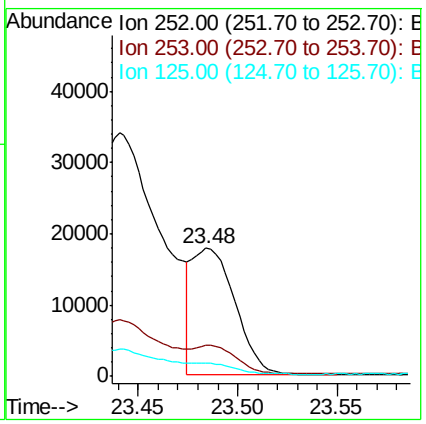
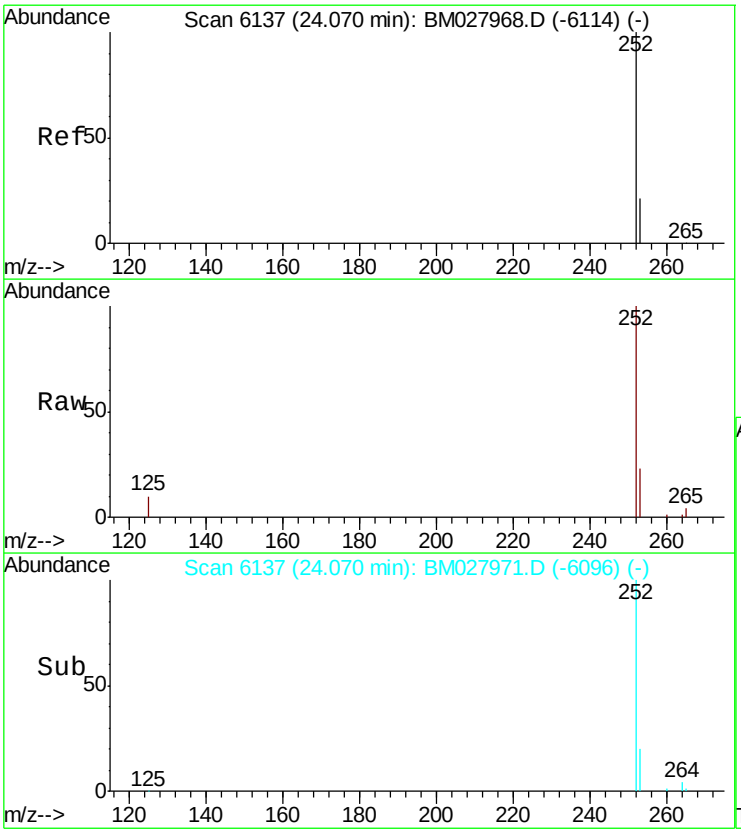
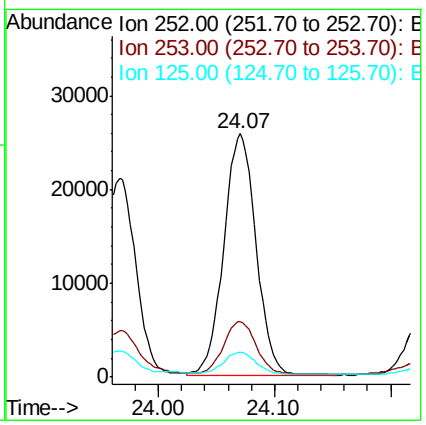


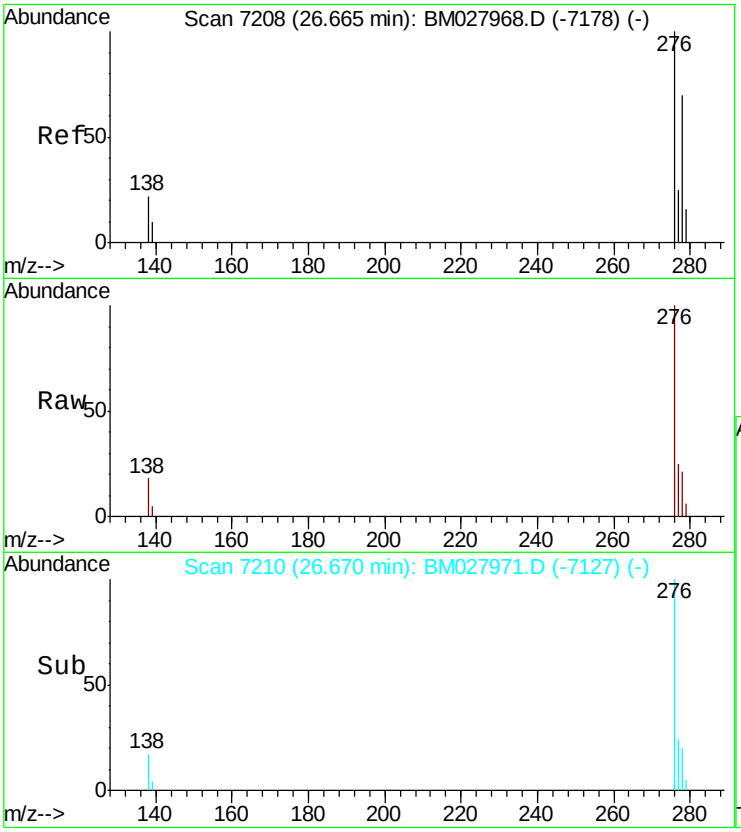


#23
Benzo(a)pyrene
Concen: 5.184 ng/ul
RT: 24.07 min Scan# 6137
Delta R.T. 0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:252 Resp: 49293

Ion	Ratio	Lower	Upper
252	100		
253	23.0	25.2	37.8#
125	10.2	13.8	20.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 3.660 ng/ul
RT: 26.67 min Scan# 7210
Delta R.T. 0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:276 Resp: 37679

Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.7	23.5
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C0B69

Manual Integrations APPROVED
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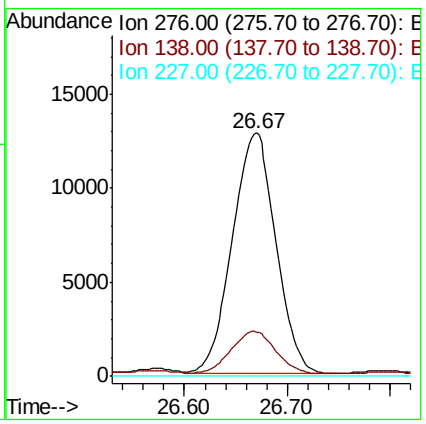
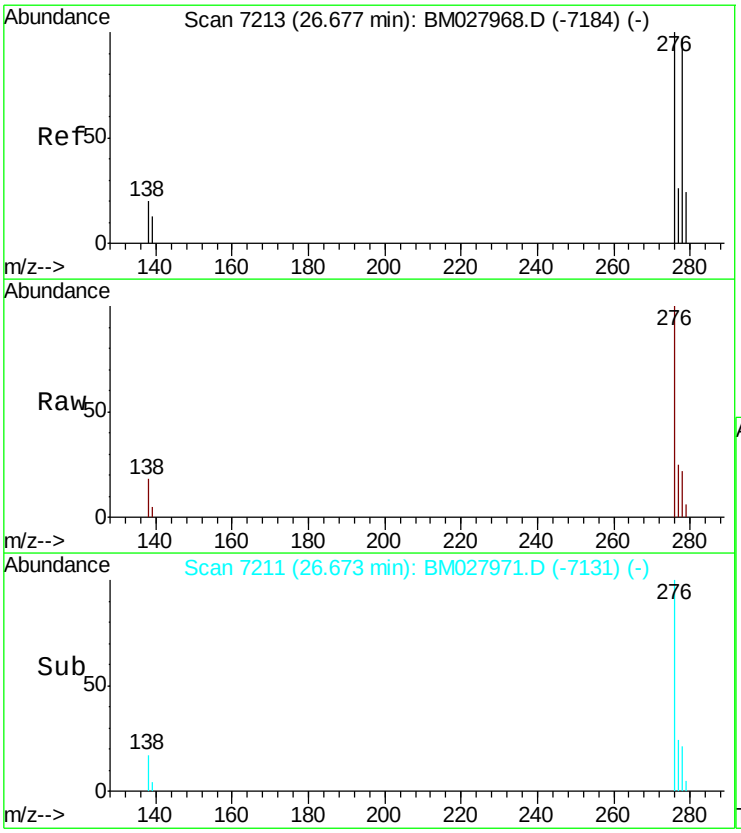
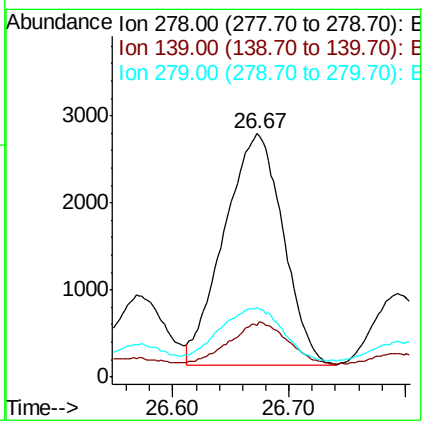


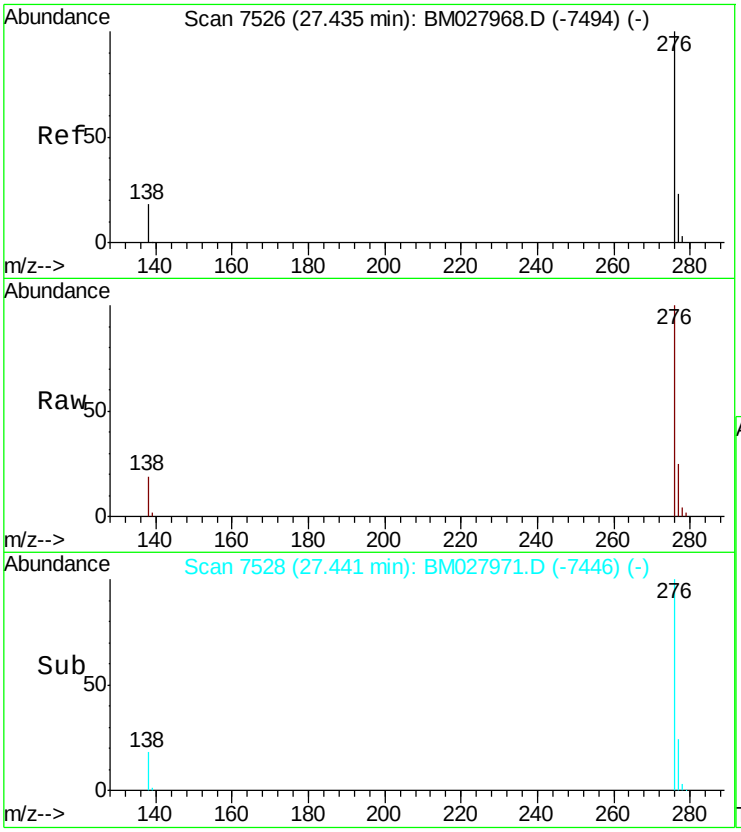


#25
Dibenzo(a,h)anthracene
Concen: 1.090 ng/ul
RT: 26.67 min Scan# 7211
Delta R.T. -0.01 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:278 Resp: 9345

Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.8	22.2
279	28.3	25.8	38.6

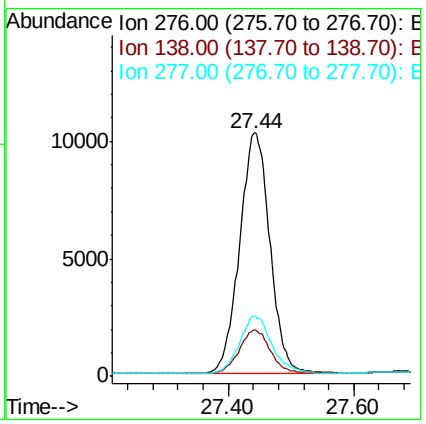




#26
Benzo(g,h,i)perylene
Concen: 3.988 ng/ul
RT: 27.44 min Scan# 7528
Delta R.T. -0.00 min
Lab File: BM027971.D
Acq: 25 Nov 2020 19:36

Tgt Ion:276 Resp: 34449

Ion	Ratio	Lower	Upper
276	100		
138	19.1	17.4	26.2
277	24.7	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
C0B69

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:53 AM