Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027973.D
Acq On : 25 Nov 2020 20:49
Operator : JU/CG
Sample : L4749-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B75

Manual Integrations APPROVED
mohammad
11/27/2020 11:44:02 AM

Quant Time: Nov 26 01:11:14 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1052	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4195	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2344	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4000	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2248	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2077	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	1753	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	2539	0.24	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.66	152	250	0.022	ng/ul#	51
8) Acenaphthene	15.00	153	290	0.034	ng/ul	95
9) Fluorene	15.97	166	374	0.038	ng/ul#	93
12) Phenanthrene	17.69	178	14109	1.117	ng/ul	98
13) Anthracene	17.78	178	1652	0.136	ng/ul#	93
15) Fluoranthene	19.67	202	40178	2.868	ng/ul	98
17) Pyrene	20.03	202	30962	2.712	ng/ul	96
18) Benzo(a)anthracene	21.74	228	14058	1.550	ng/ul	99
19) Chrysene	21.80	228	19447	2.201	ng/ul	99
21) Benzo(b)fluoranthene	23.44	252	22370m	2.563	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	8283m	0.969	ng/ul	
23) Benzo(a)pyrene	24.07	252	13286	1.741	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.67	276	9972	1.207	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.67	278	2593	0.377	ng/ul#	83
26) Benzo(g,h,i)perylene	27.44	276	8578	1.237	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027973.D
Acq On : 25 Nov 2020 20:49
Operator : JU/CG
Sample : L4749-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 26 01:11:14 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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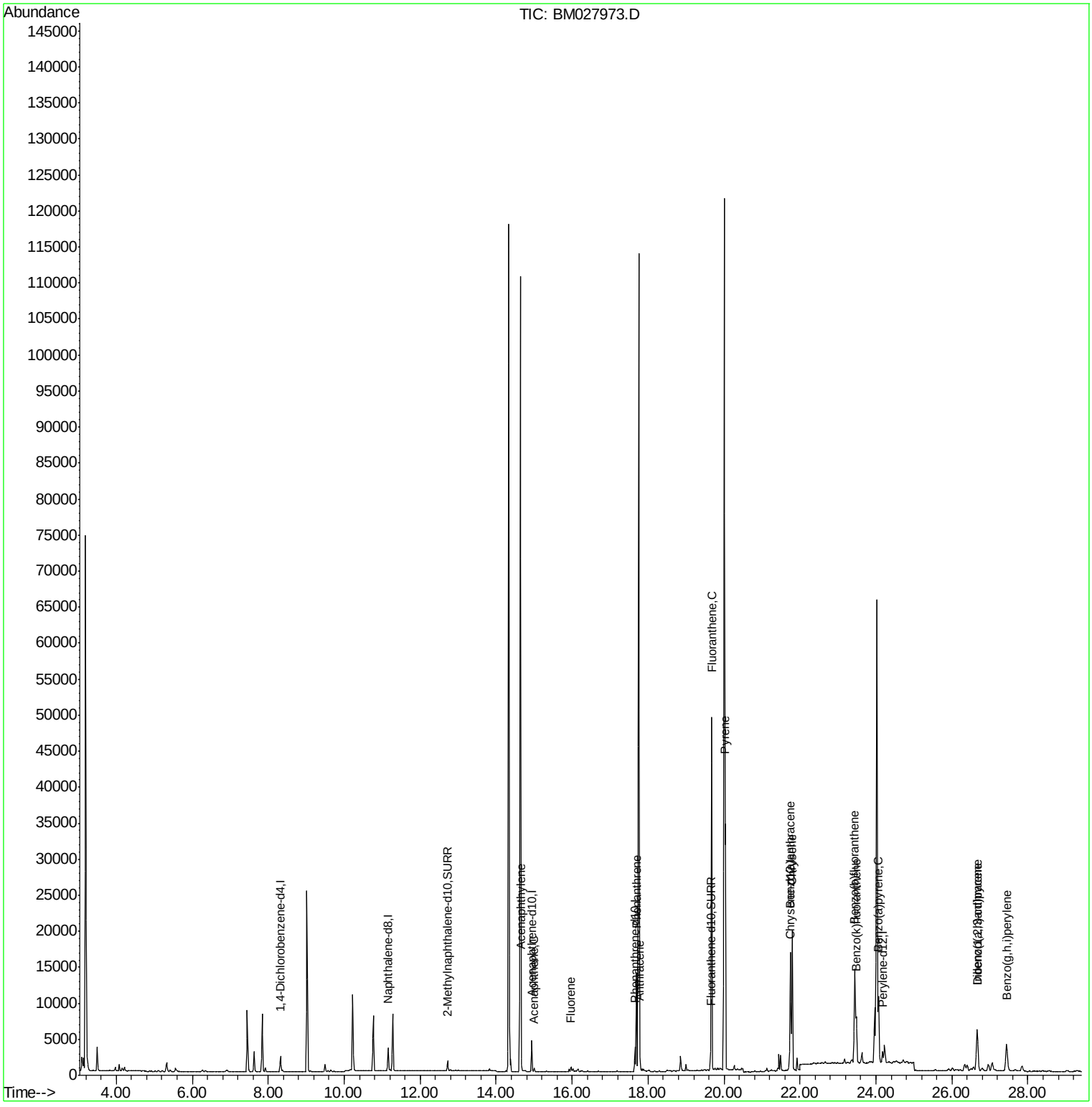
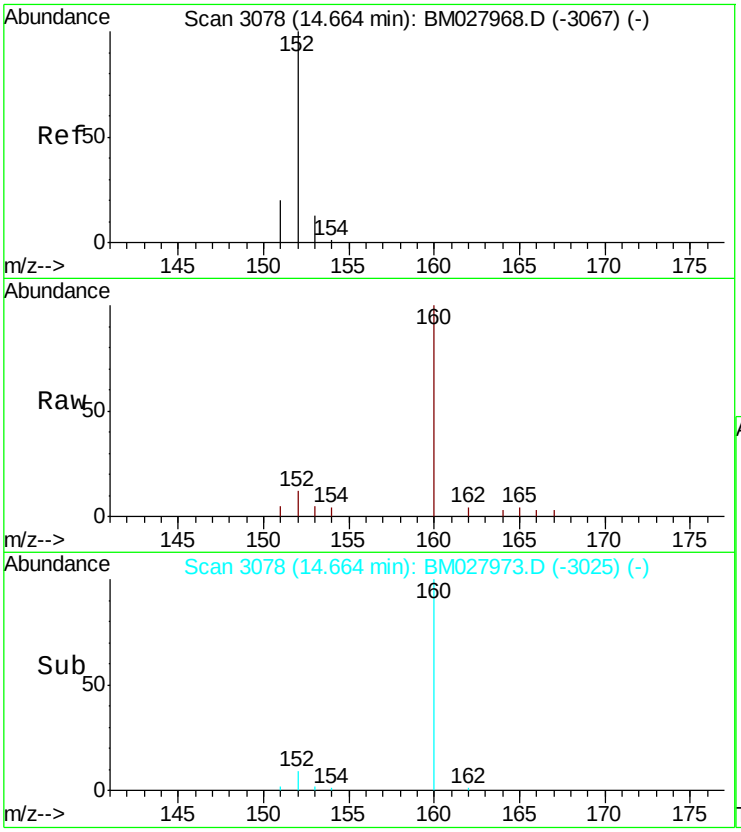
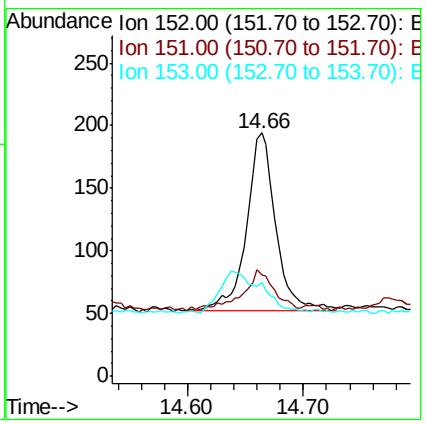




#7
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.66 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:152 Resp: 250

Ion	Ratio	Lower	Upper
152	100		
151	41.8	17.1	25.7#
153	38.7	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
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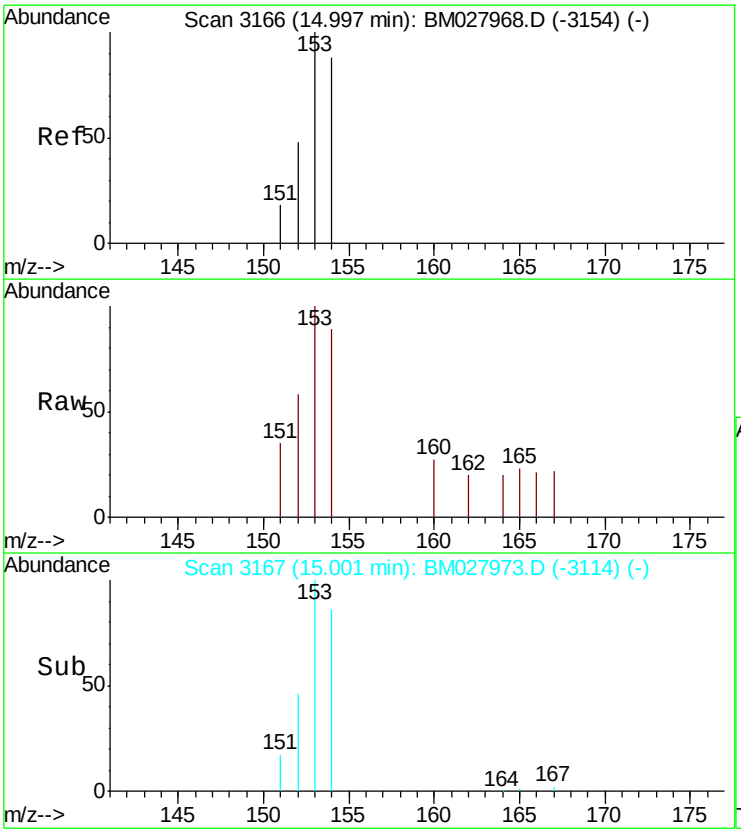
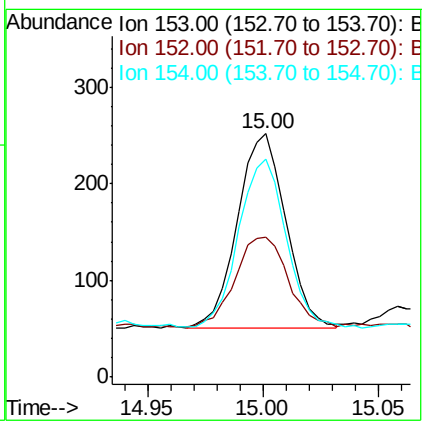
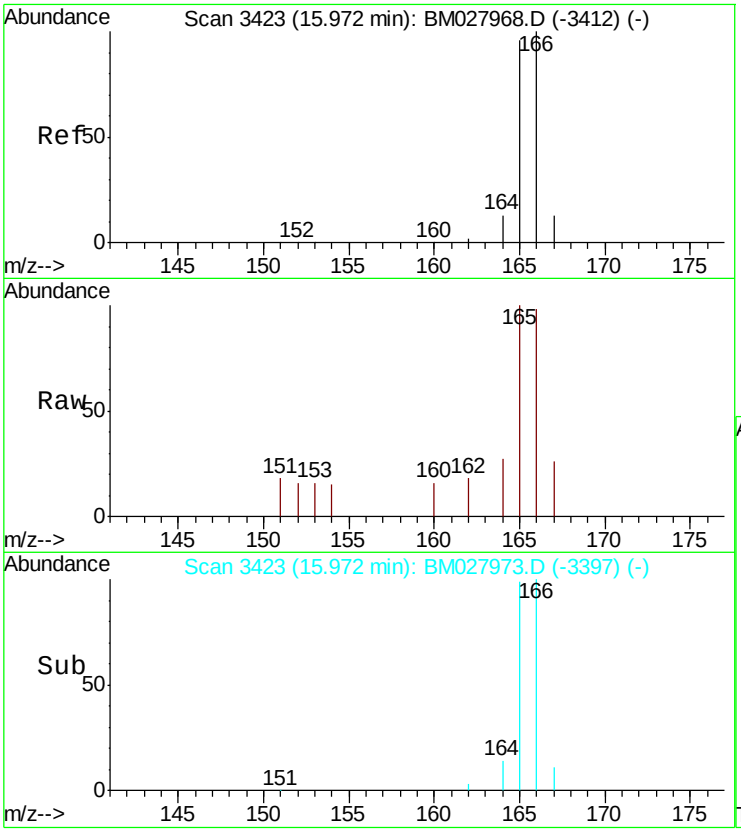


#8
Acenaphthene
Concen: 0.034 ng/ul
RT: 15.00 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:153 Resp: 290

Ion	Ratio	Lower	Upper
153	100		
152	57.5	39.0	58.6
154	89.3	71.6	107.4

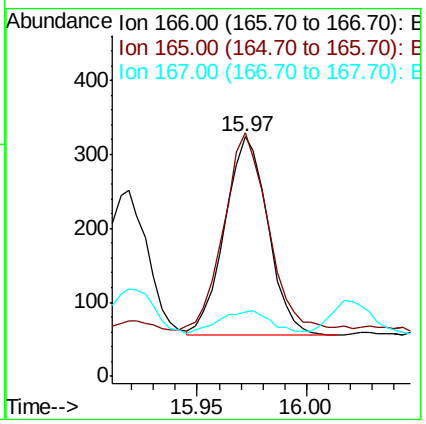




#9
Fluorene
Concen: 0.038 ng/ul
RT: 15.97 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:166 Resp: 374

Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.1	117.1
167	26.9	11.8	17.8#



Instrument :
BNA_M
ClientSampleId :
C0B75

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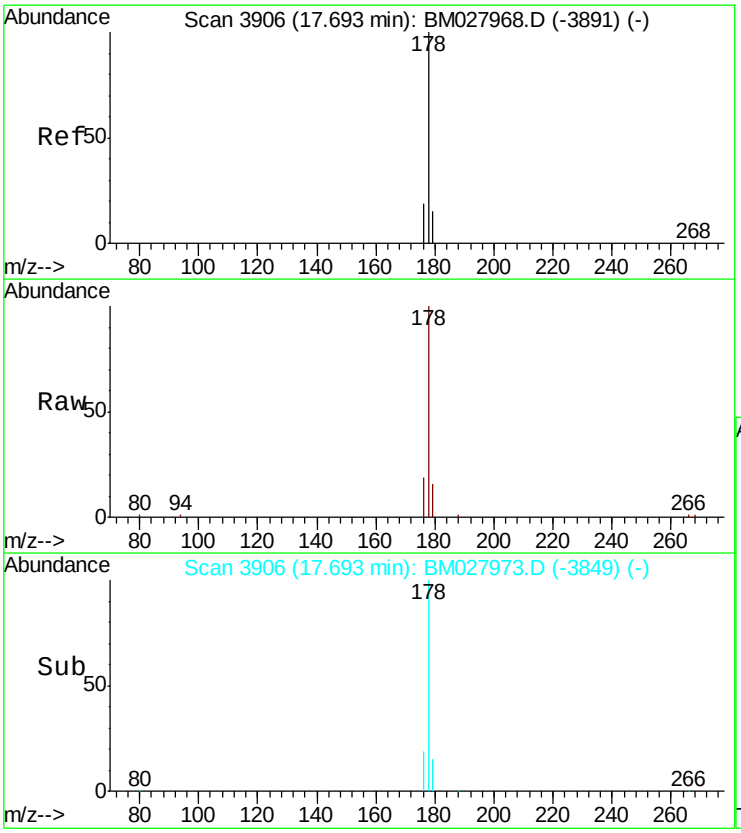
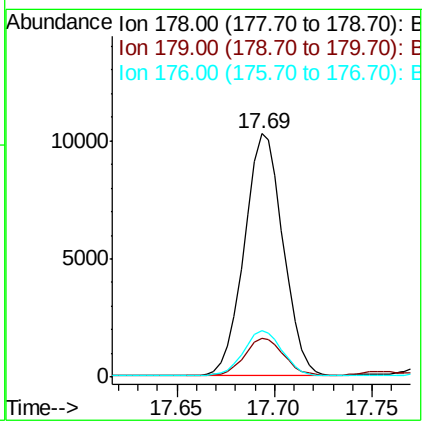
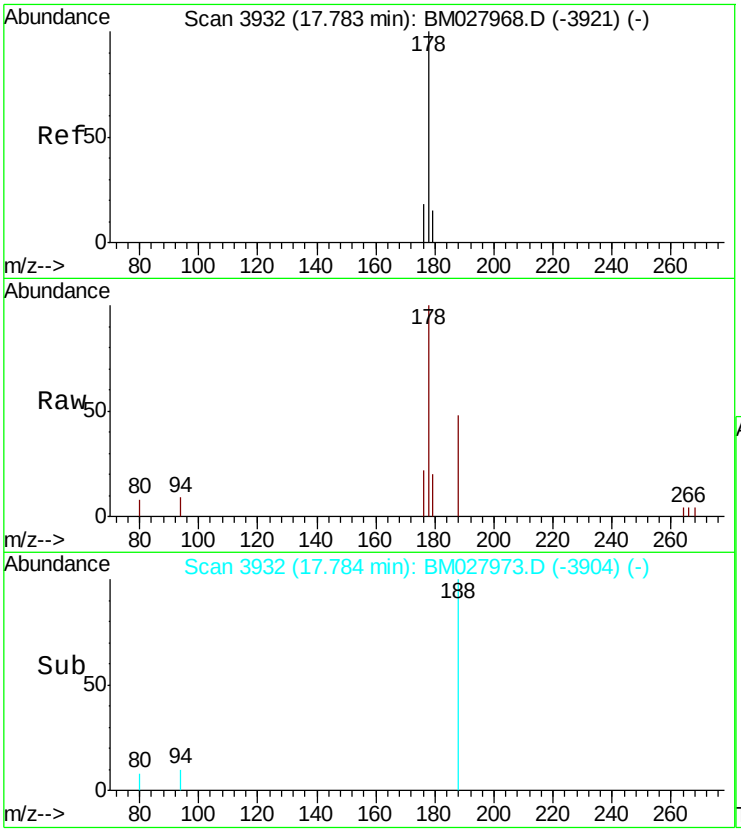


#12
Phenanthrene
Concen: 1.117 ng/ul
RT: 17.69 min Scan# 3906
Delta R.T. -0.00 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:178 Resp: 14109

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.6	20.4
176	19.3	16.1	24.1

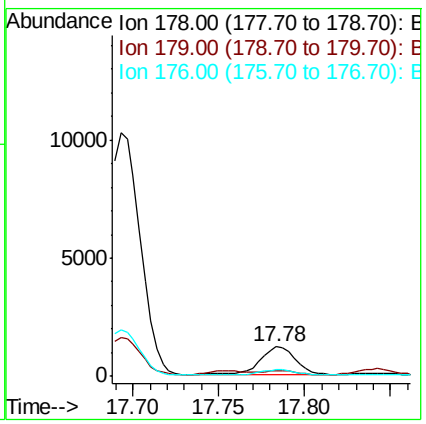




#13
Anthracene
Concen: 0.136 ng/ul
RT: 17.78 min Scan# 3932
Delta R.T. -0.00 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:178 Resp: 1652

Ion	Ratio	Lower	Upper
178	100		
179	20.3	13.4	20.2#
176	21.5	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
C0B75

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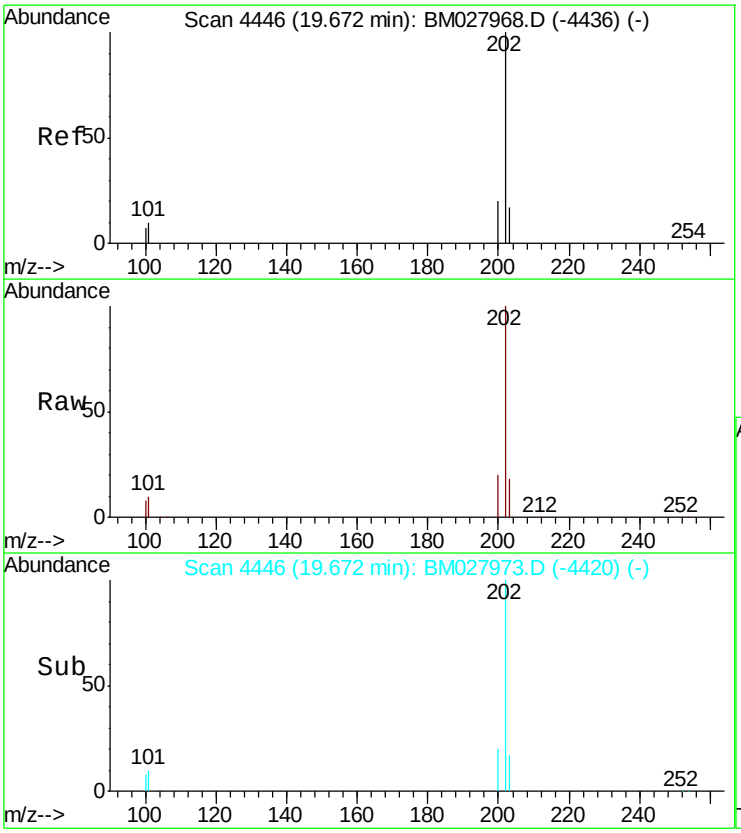
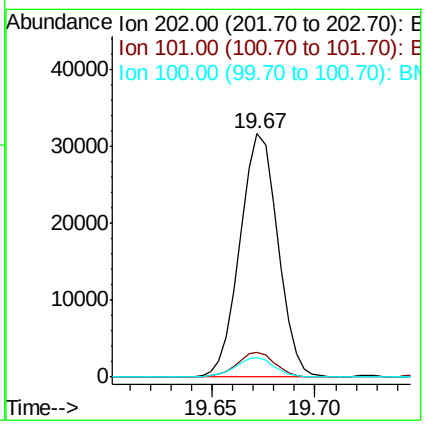
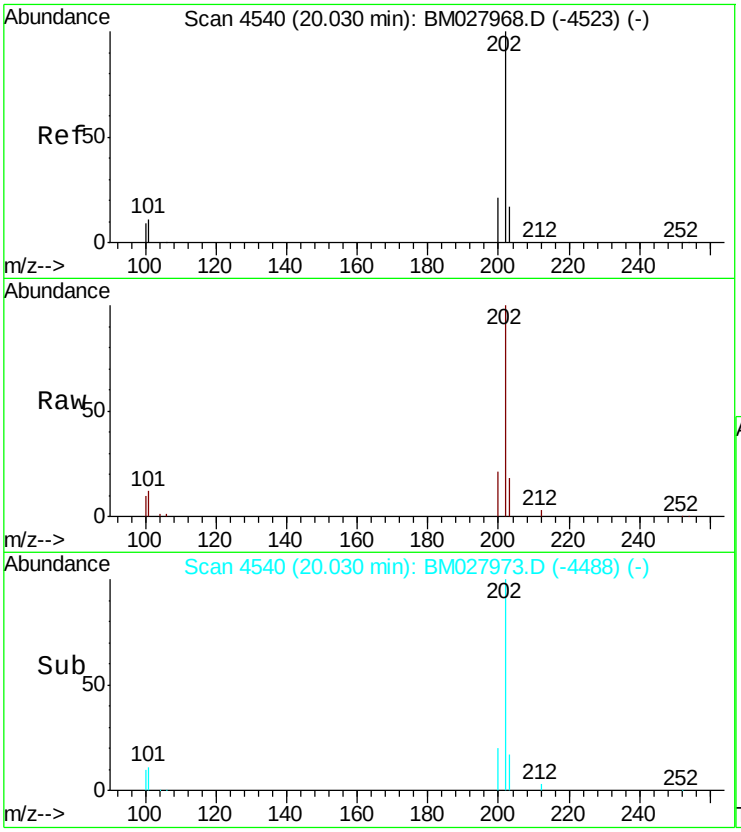


#15
Fluoranthene
Concen: 2.868 ng/ul
RT: 19.67 min Scan# 4446
Delta R.T. 0.00 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:202 Resp: 40178

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.3
100	8.0	0.0	27.4

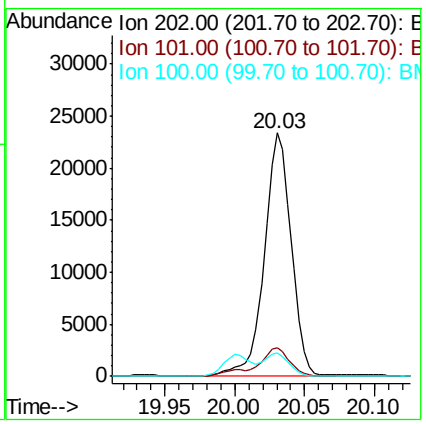




#17
Pyrene
Concen: 2.712 ng/ul
RT: 20.03 min Scan# 4540
Delta R.T. 0.00 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:202 Resp: 30962

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.2	12.2
100	9.7	6.9	10.3



Instrument :
BNA_M
ClientSampleId :
C0B75

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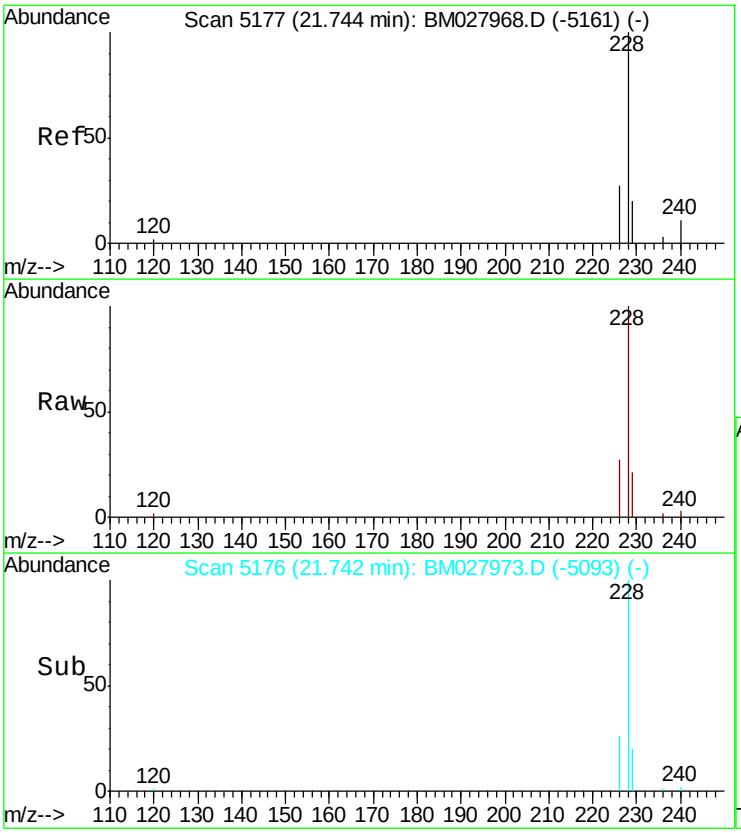
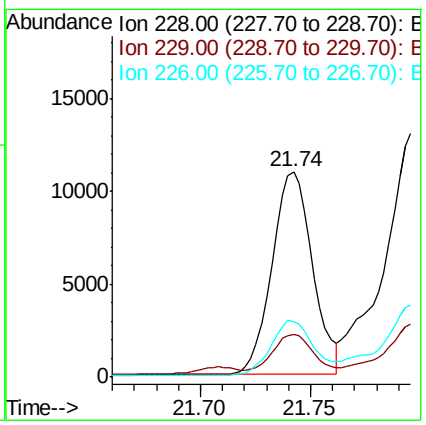
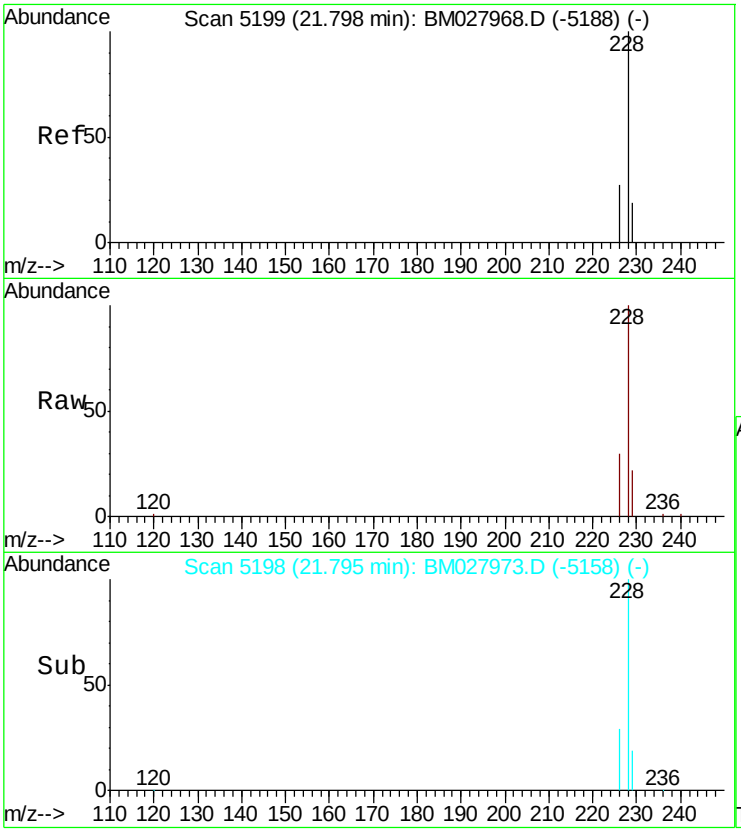


#18
Benzo(a)anthracene
Concen: 1.550 ng/ul
RT: 21.74 min Scan# 5176
Delta R.T. 0.00 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:228 Resp: 14058

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.4
226	26.9	21.5	32.3

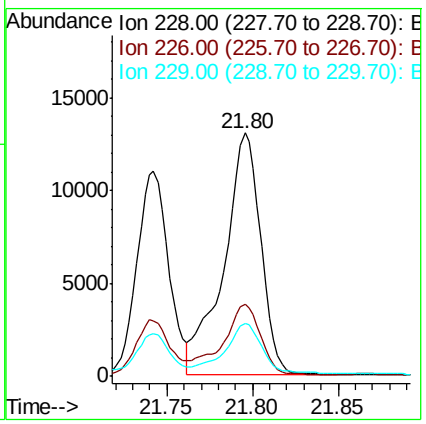




#19
Chrysene
Concen: 2.201 ng/ul
RT: 21.80 min Scan# 5198
Delta R.T. -0.00 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:228 Resp: 19447

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.6	16.6	24.8



Instrument :
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ClientSampleId :
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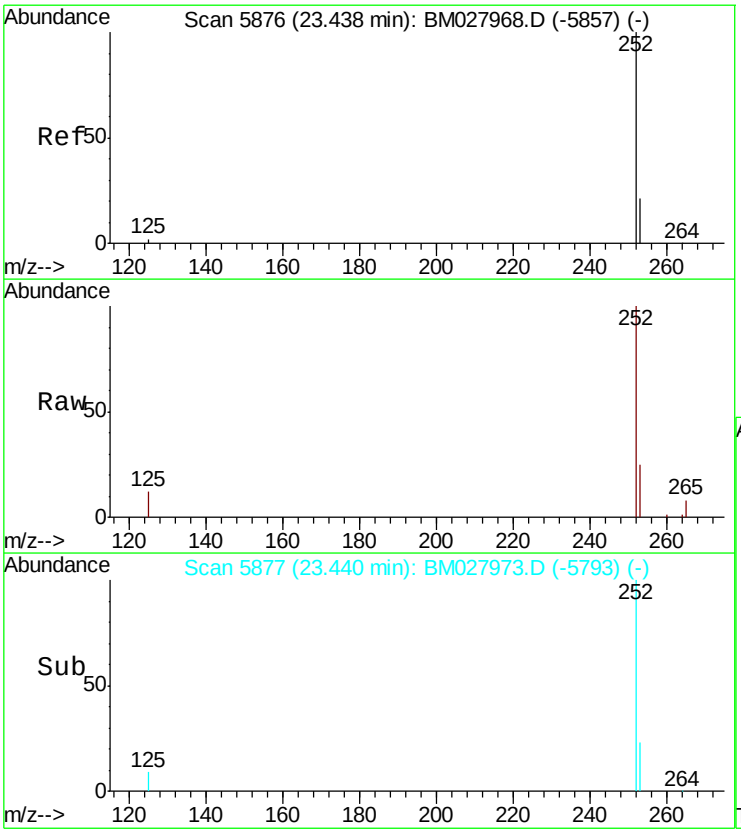
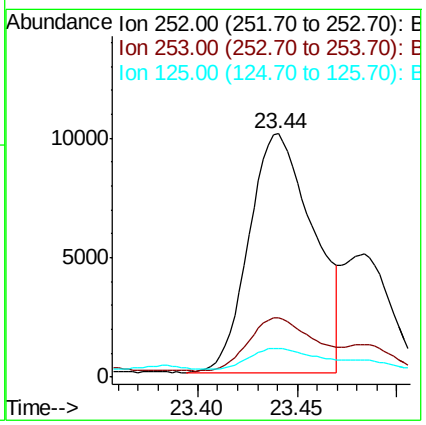
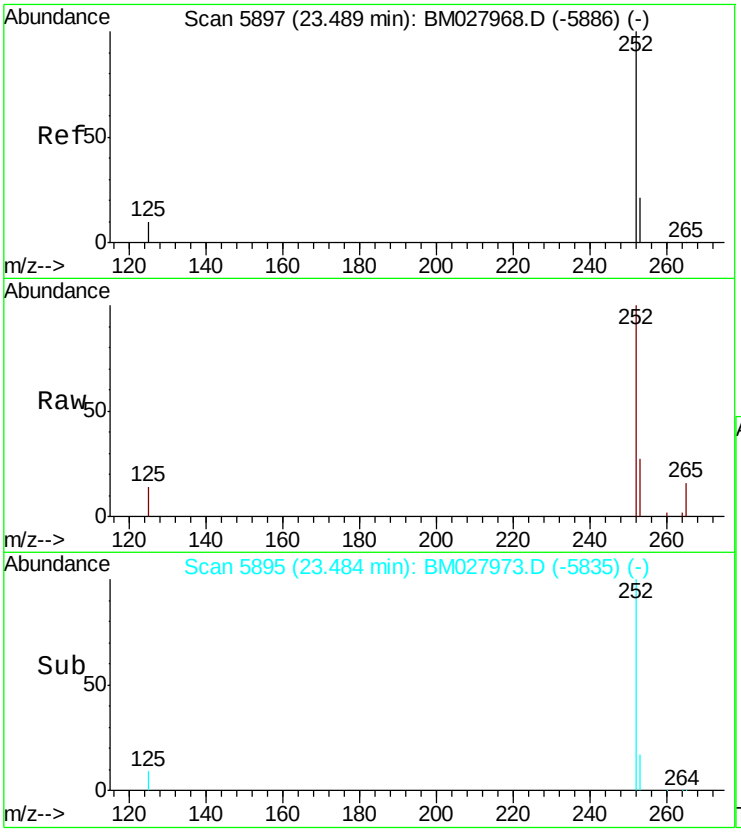


#21
Benzo(b)fluoranthene
Concen: 2.563 ng/ul m
RT: 23.44 min Scan# 5877
Delta R.T. 0.00 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:252 Resp: 22370

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	59.6
125	11.7	0.0	28.4

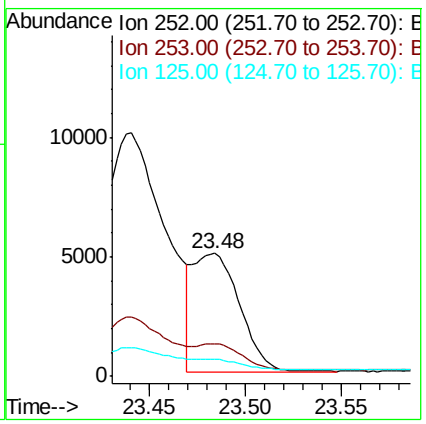




#22
Benzo(k)fluoranthene
Concen: 0.969 ng/ul m
RT: 23.48 min Scan# 5895
Delta R.T. -0.00 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:252 Resp: 8283

Ion	Ratio	Lower	Upper
252	100		
253	26.7	23.2	34.8
125	13.6	11.8	17.6



Instrument :
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ClientSampleId :
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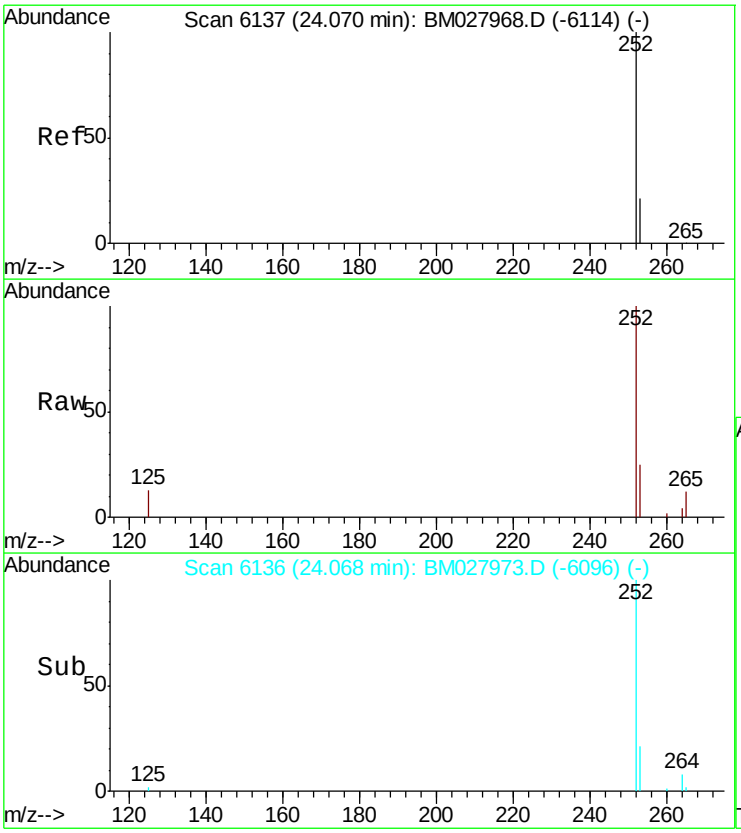
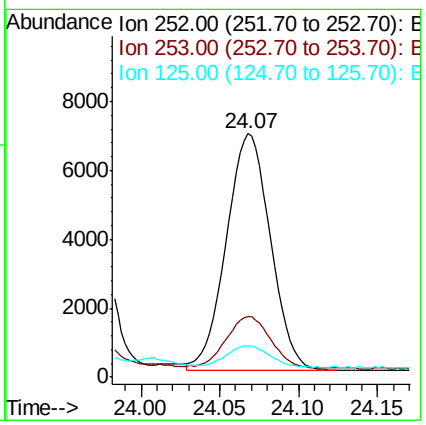
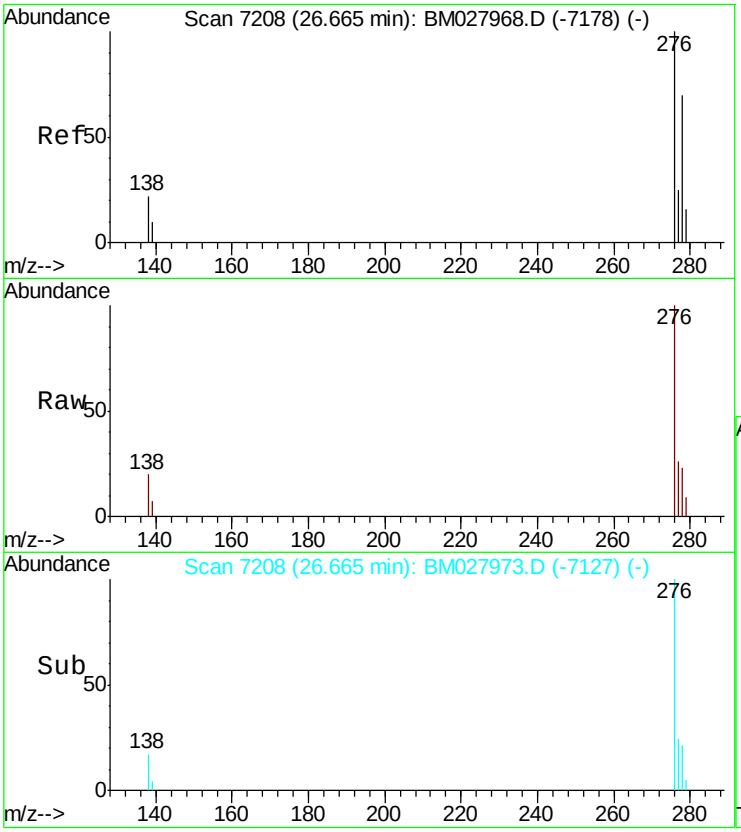


#23
Benzo(a)pyrene
Concen: 1.741 ng/ul
RT: 24.07 min Scan# 6136
Delta R.T. -0.00 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:252 Resp: 13286

Ion	Ratio	Lower	Upper
252	100		
253	25.1	25.2	37.8#
125	12.9	13.8	20.6#

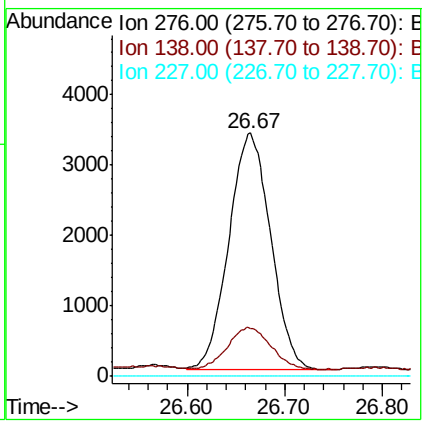




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.207 ng/ul
RT: 26.67 min Scan# 7208
Delta R.T. -0.00 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:276 Resp: 9972

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.7	23.5
227	0.0	0.0	0.0



Instrument :
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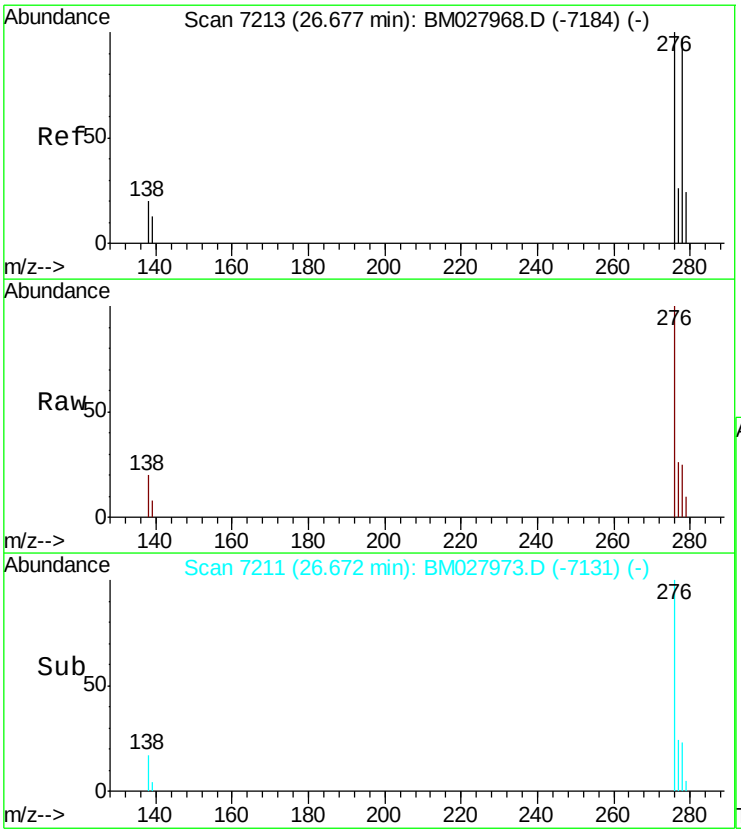
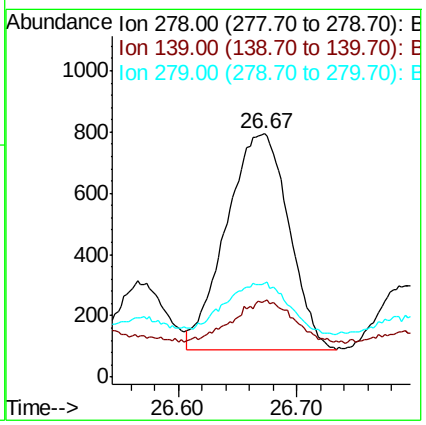
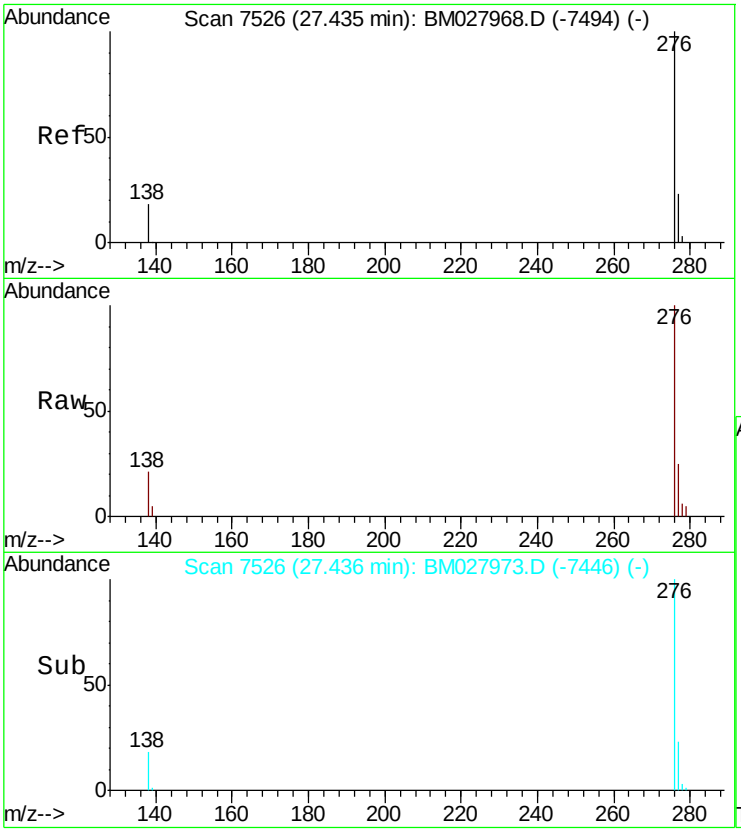


#25
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 26.67 min Scan# 7211
Delta R.T. -0.01 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:278 Resp: 2593

Ion	Ratio	Lower	Upper
278	100		
139	31.1	14.8	22.2#
279	38.5	25.8	38.6

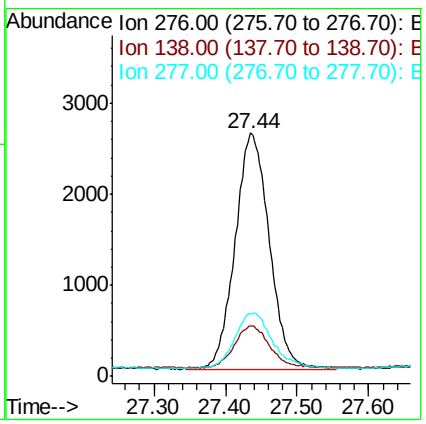




#26
Benzo(g,h,i)perylene
Concen: 1.237 ng/ul
RT: 27.44 min Scan# 7526
Delta R.T. -0.01 min
Lab File: BM027973.D
Acq: 25 Nov 2020 20:49

Tgt Ion:276 Resp: 8578

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.4	26.2
277	25.4	22.5	33.7



Instrument :
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ClientSampleId :
C0B75

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