Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027965.D
Acq On : 25 Nov 2020 15:58
Operator : JU/CG
Sample : L4751-14DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B86DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:35 AM

Quant Time: Nov 25 16:53:15 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 : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1089	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4396	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2537	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4713	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2581	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2390	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	221	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	378	0.03	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	15.00	153	187	0.020	ng/ul#	90
9) Fluorene	15.97	166	240	0.022	ng/ul#	92
12) Phenanthrene	17.69	178	5746	0.386	ng/ul	99
13) Anthracene	17.79	178	697	0.049	ng/ul#	82
15) Fluoranthene	19.67	202	9577	0.580	ng/ul	96
17) Pyrene	20.03	202	7544	0.576	ng/ul#	94
18) Benzo(a)anthracene	21.74	228	2945	0.283	ng/ul	94
19) Chrysene	21.80	228	3500	0.345	ng/ul	95
21) Benzo(b)fluoranthene	23.44	252	3695m	0.368	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	1465m	0.149	ng/ul	
23) Benzo(a)pyrene	24.07	252	2395	0.273	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.67	276	1513	0.159	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.67	278	428	0.054	ng/ul#	10
26) Benzo(g,h,i)perylene	27.44	276	1247	0.156	ng/ul#	78

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027965.D
Acq On : 25 Nov 2020 15:58
Operator : JU/CG
Sample : L4751-14DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 25 16:53:15 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 : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B86DL

Manual Integrations APPROVED
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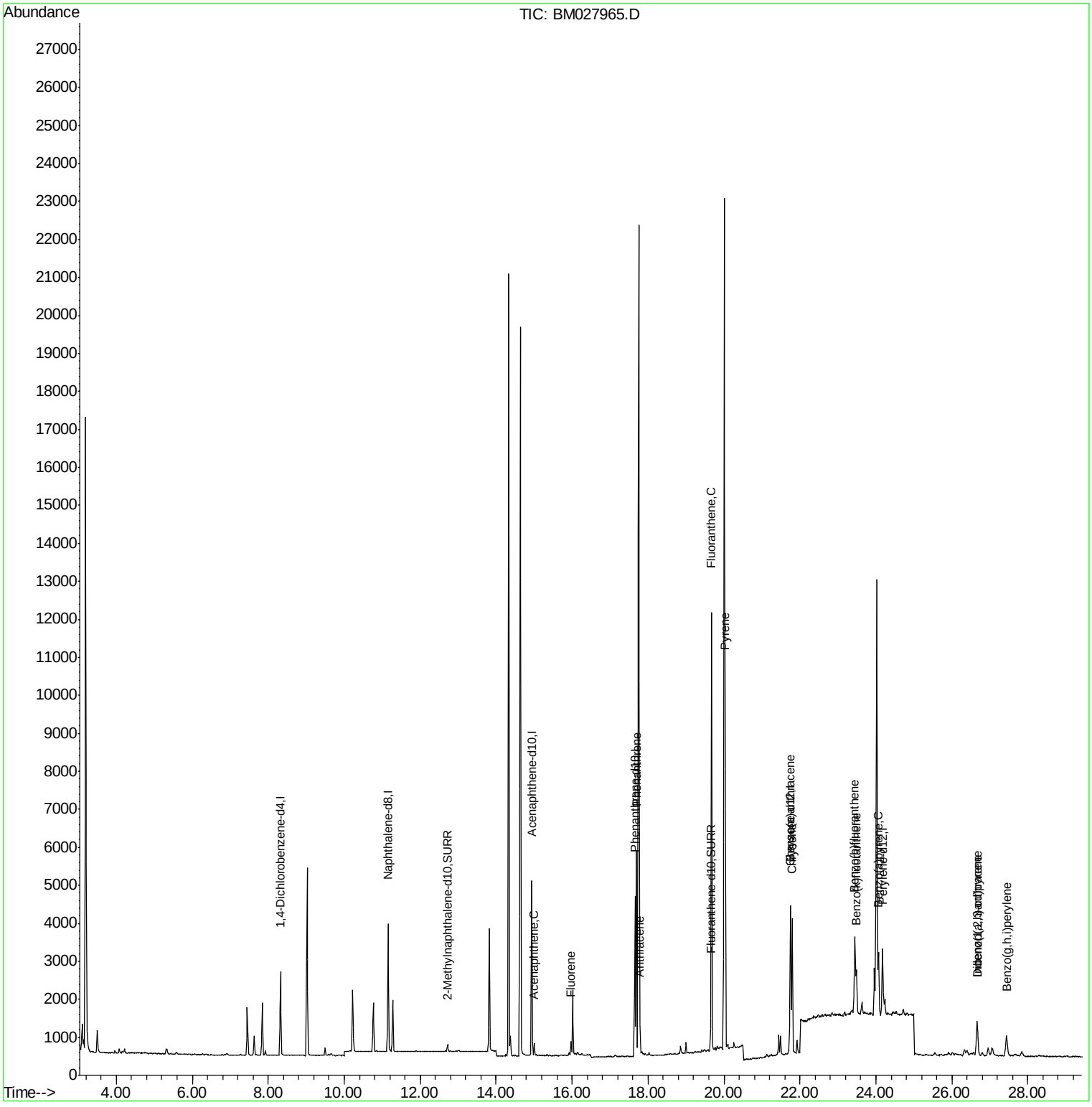

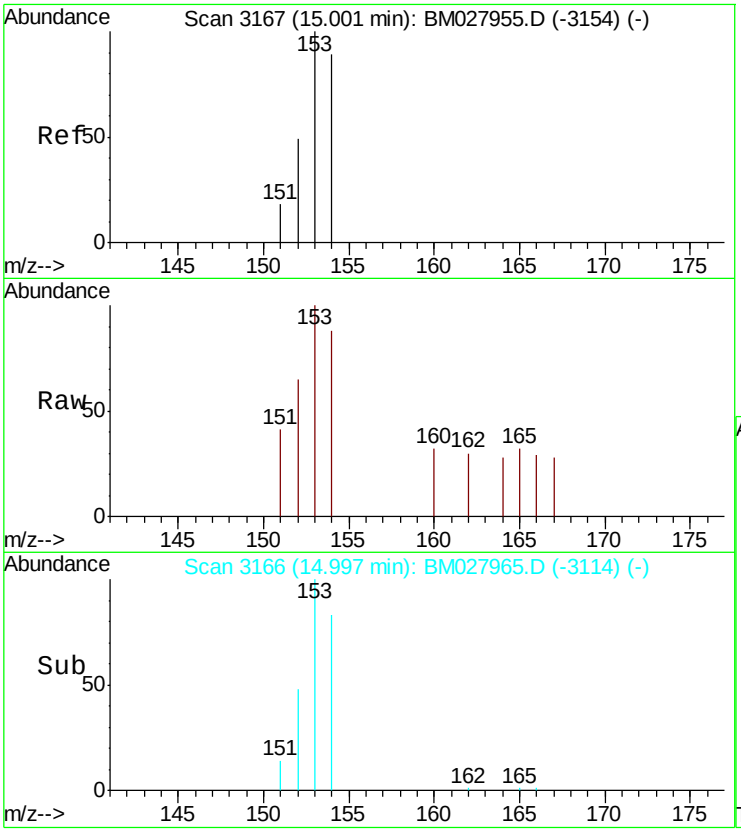

#8
Acenaphthene
Concen: 0.020 ng/ul
RT: 15.00 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:153 Resp: 187

Ion	Ratio	Lower	Upper
153	100		
152	64.8	39.0	58.6#
154	87.5	71.6	107.4

Instrument :
BNA_M
ClientSampleId :
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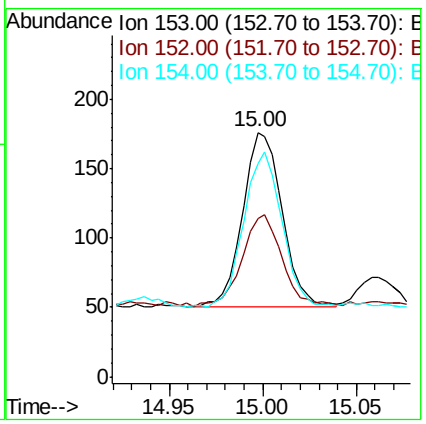
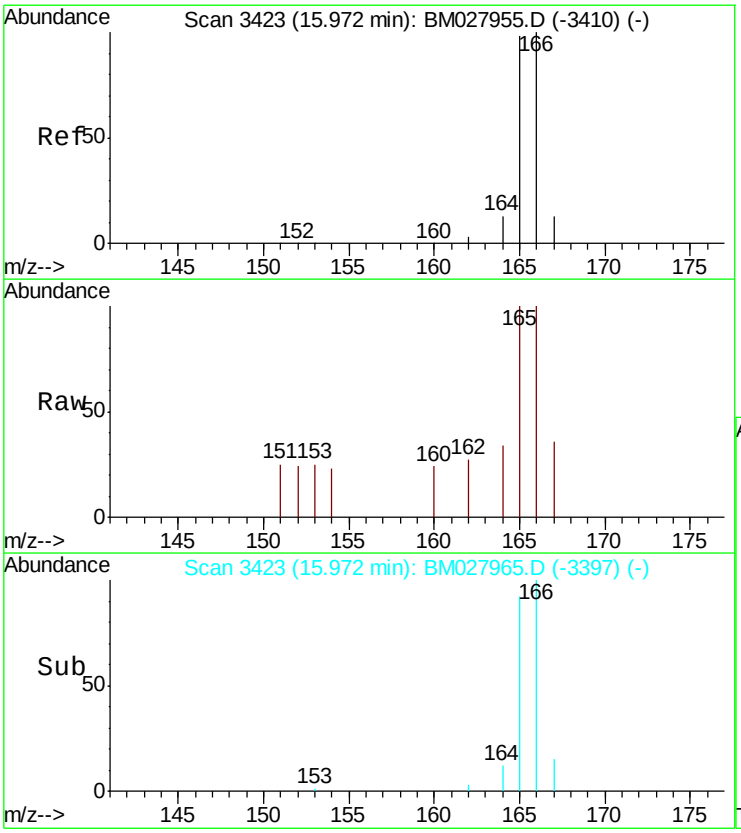
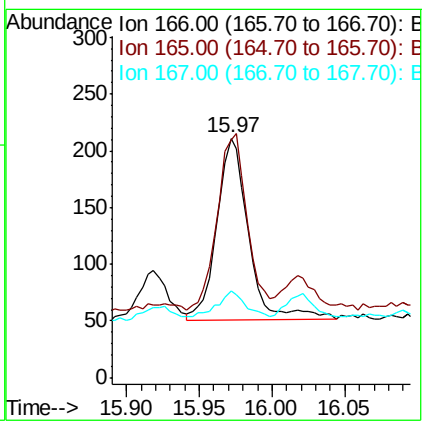


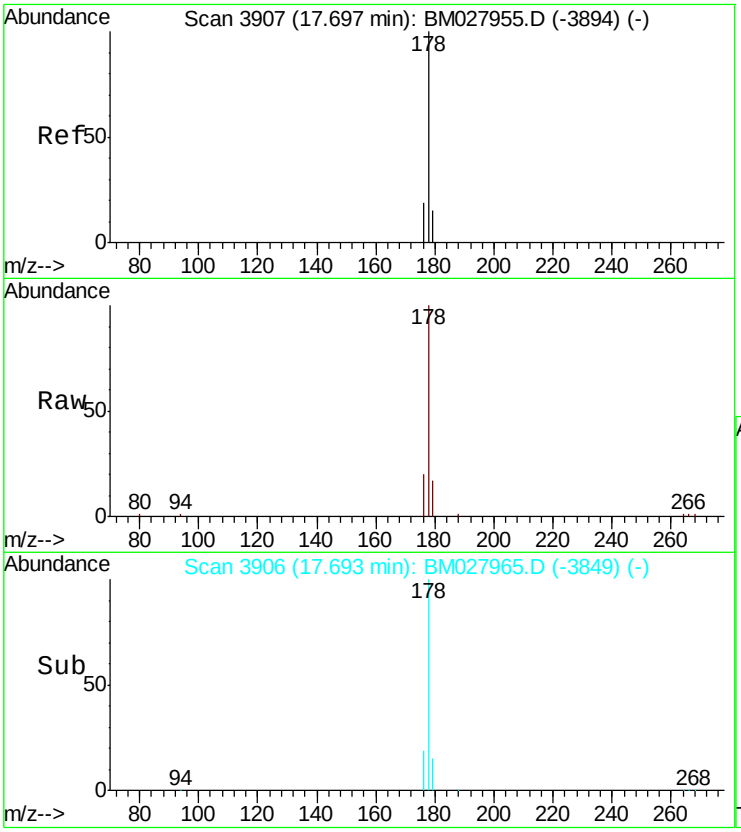


#9
Fluorene
Concen: 0.022 ng/ul
RT: 15.97 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:166 Resp: 240

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.1	117.1
167	36.0	11.8	17.8#

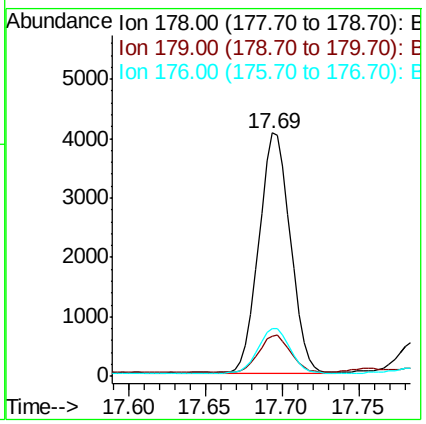




#12
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.69 min Scan# 3906
Delta R.T. -0.00 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:178 Resp: 5746

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.6	20.4
176	19.6	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
C0B86DL

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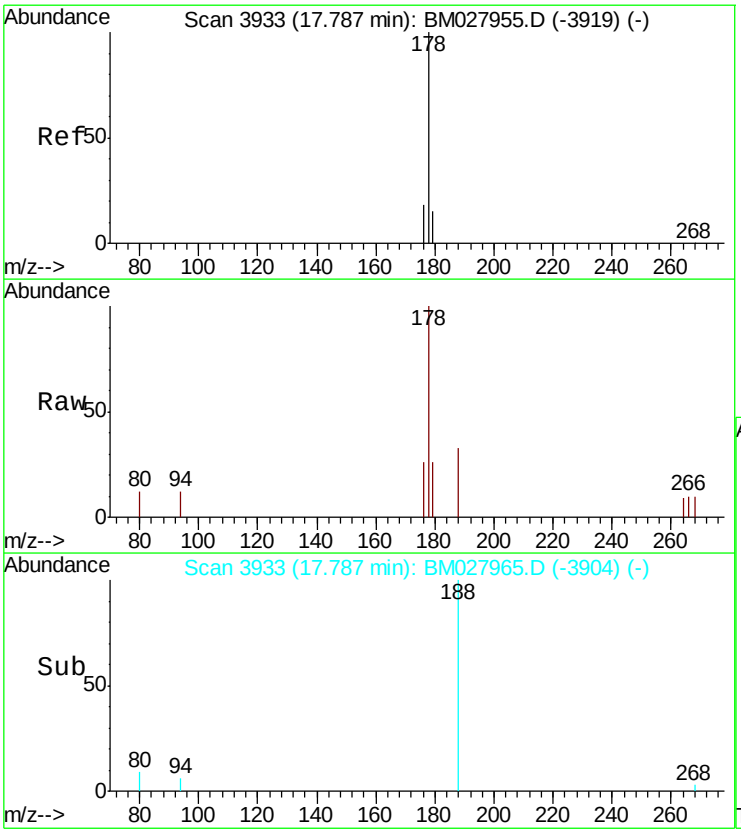
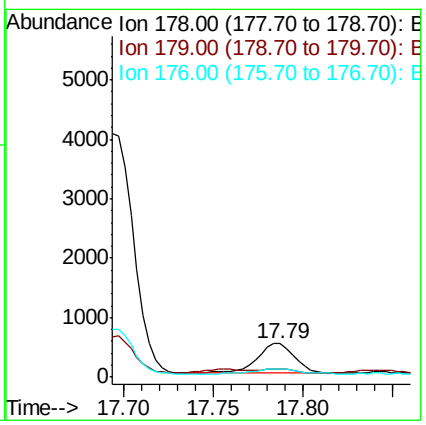
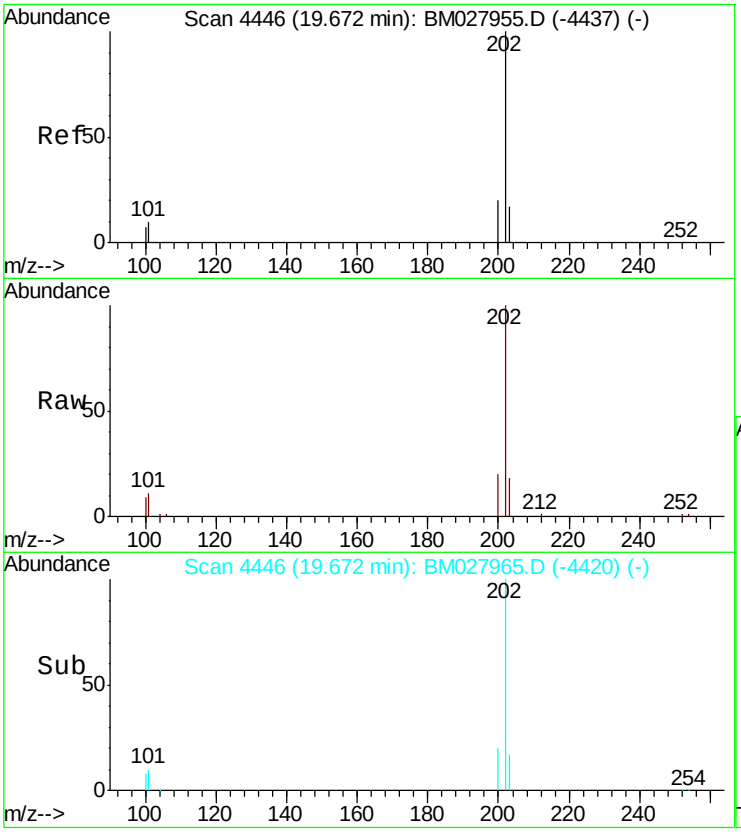


#13
Anthracene
Concen: 0.049 ng/ul
RT: 17.79 min Scan# 3933
Delta R.T. 0.00 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:178 Resp: 697

Ion	Ratio	Lower	Upper
178	100		
179	25.6	13.4	20.2#
176	25.8	15.0	22.6#

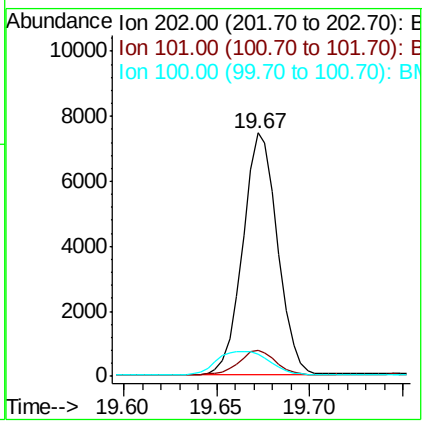




#15
Fluoranthene
Concen: 0.580 ng/ul
RT: 19.67 min Scan# 4446
Delta R.T. 0.00 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:202 Resp: 9577

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.3
100	9.1	0.0	27.4



Instrument :
BNA_M
ClientSampleId :
C0B86DL

Manual Integrations APPROVED
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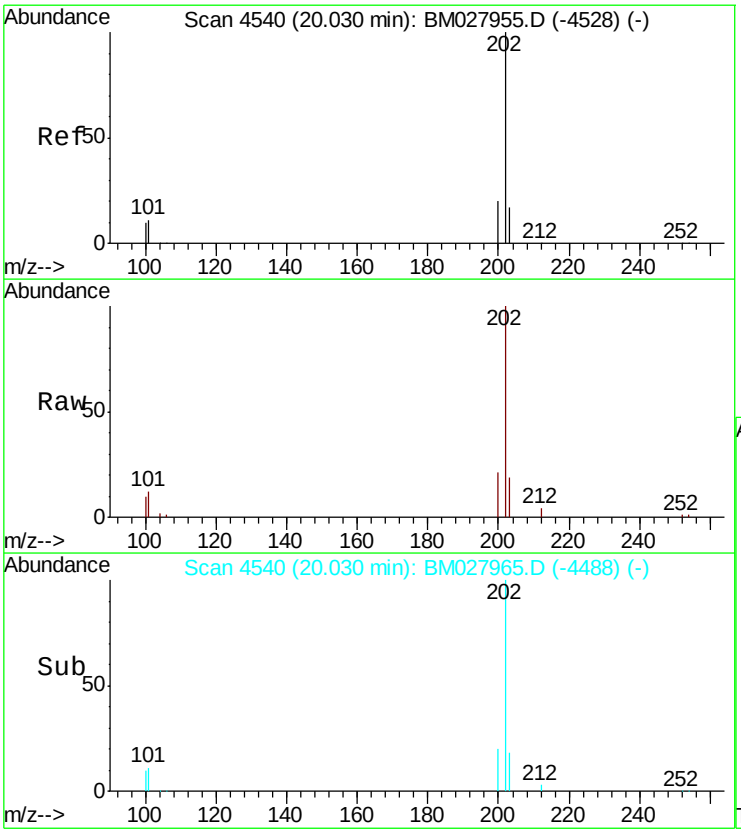
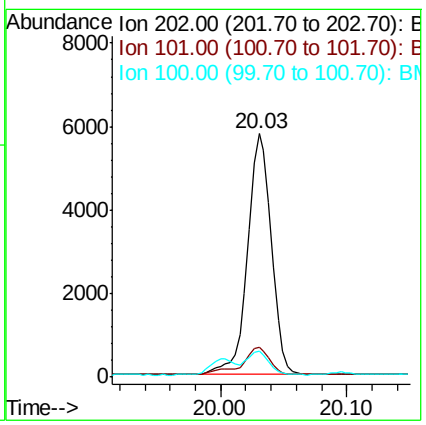
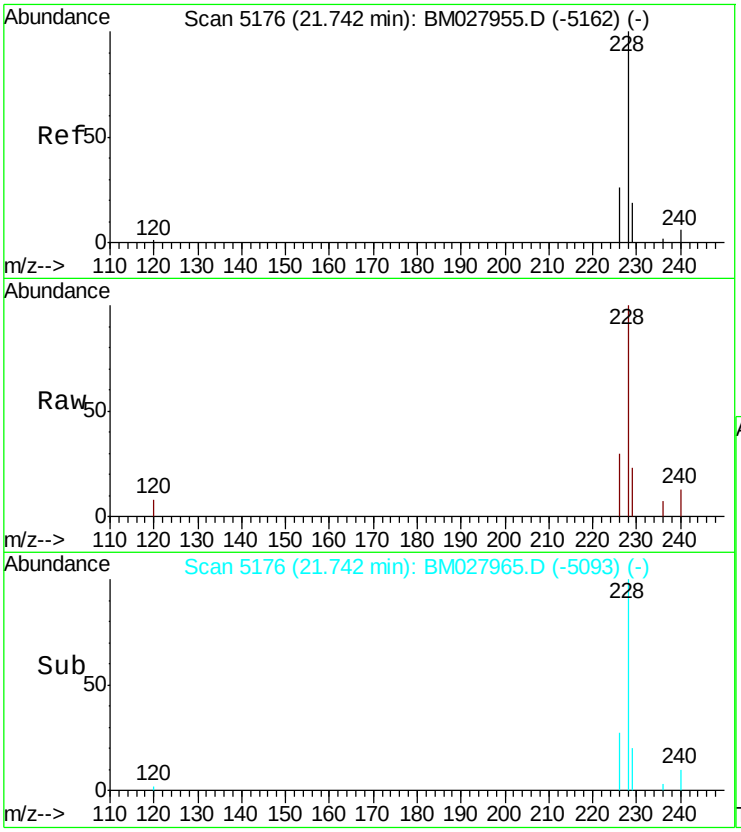


#17
Pyrene
Concen: 0.576 ng/ul
RT: 20.03 min Scan# 4540
Delta R.T. 0.00 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:202 Resp: 7544

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.2	12.2#
100	10.5	6.9	10.3#

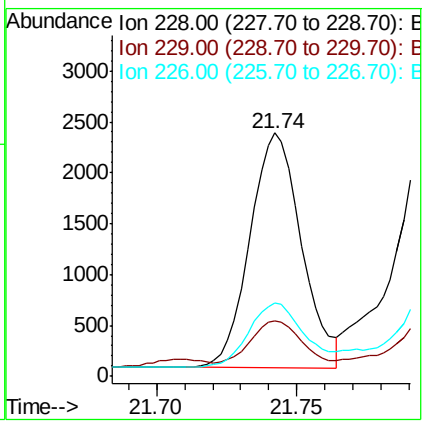




#18
Benzo(a)anthracene
Concen: 0.283 ng/ul
RT: 21.74 min Scan# 5176
Delta R.T. 0.00 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:228 Resp: 2945

Ion	Ratio	Lower	Upper
228	100		
229	22.9	16.2	24.4
226	30.1	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
C0B86DL

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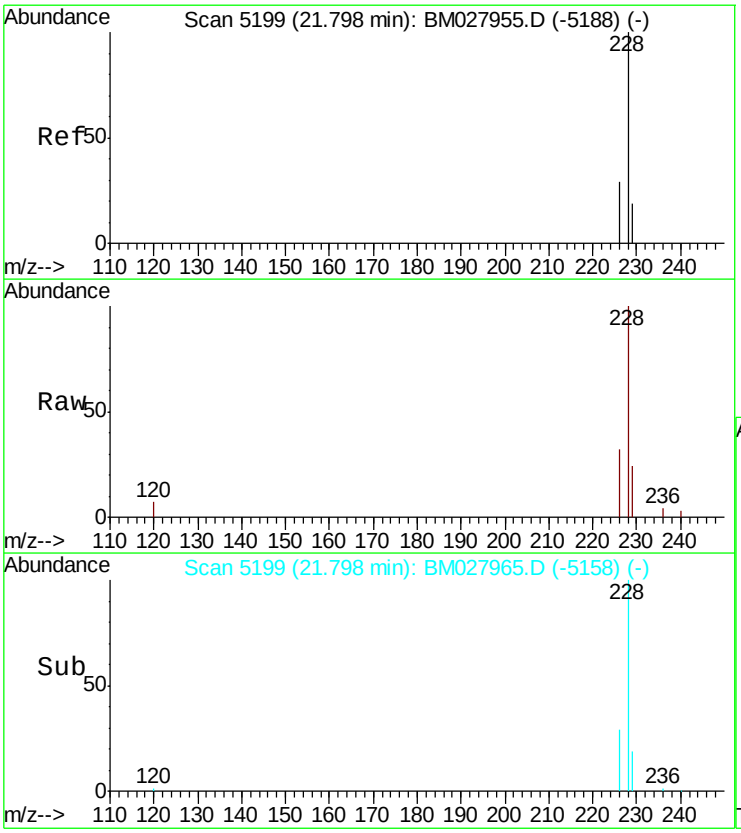
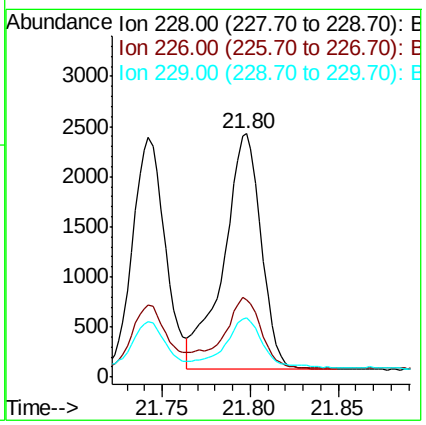
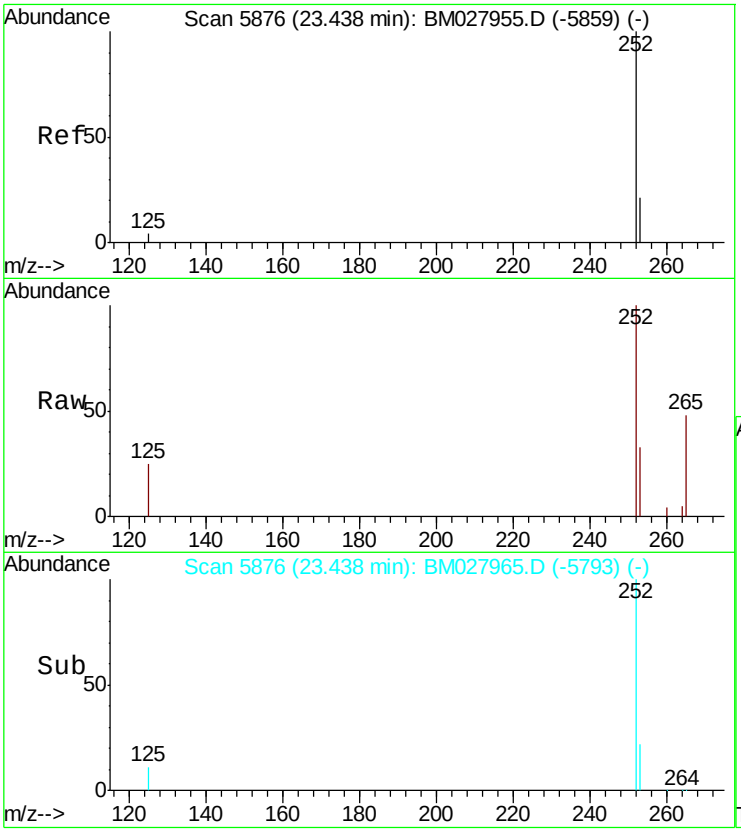


#19
Chrysene
Concen: 0.345 ng/ul
RT: 21.80 min Scan# 5199
Delta R.T. 0.00 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:228 Resp: 3500

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.1	36.1
229	24.2	16.6	24.8

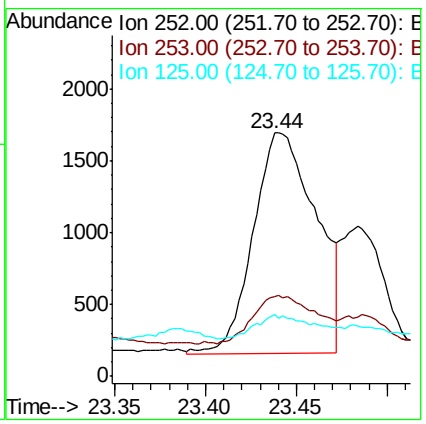




#21
Benzo(b)fluoranthene
Concen: 0.368 ng/ul m
RT: 23.44 min Scan# 5876
Delta R.T. 0.00 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:252 Resp: 3695

Ion	Ratio	Lower	Upper
252	100		
253	32.9	0.0	59.6
125	25.1	0.0	28.4



Instrument :
BNA_M
ClientSampleId :
C0B86DL

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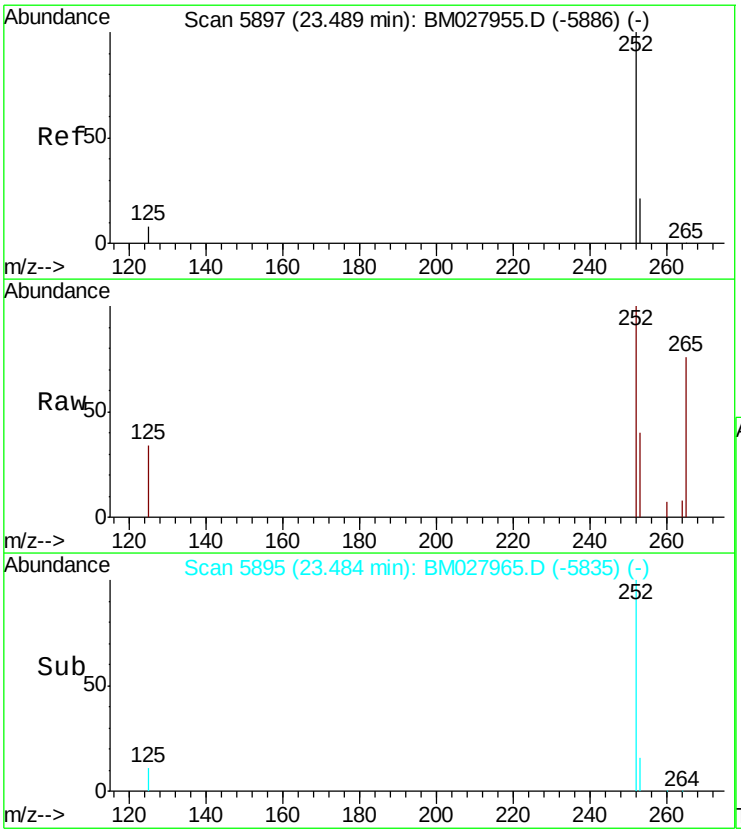
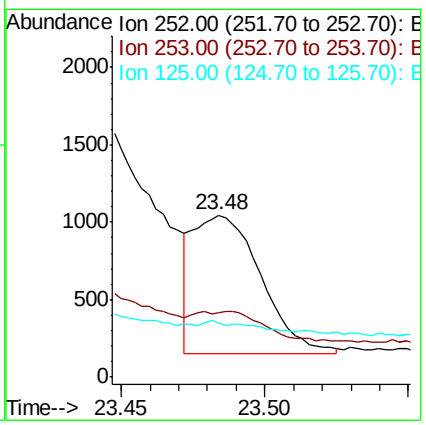
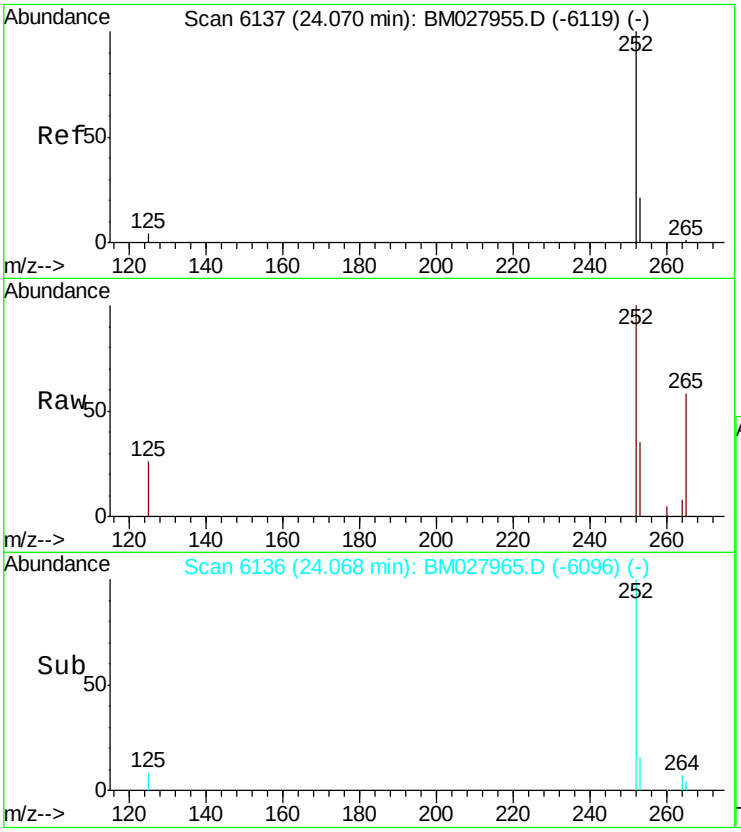


#22
Benzo(k)fluoranthene
Concen: 0.149 ng/ul m
RT: 23.48 min Scan# 5895
Delta R.T. -0.00 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:252 Resp: 1465

Ion	Ratio	Lower	Upper
252	100		
253	39.6	23.2	34.8#
125	33.9	11.8	17.6#





#23
Benzo(a)pyrene
Concen: 0.273 ng/ul
RT: 24.07 min Scan# 6136
Delta R.T. -0.00 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:252 Resp: 2395

Ion	Ratio	Lower	Upper
252	100		
253	34.7	25.2	37.8
125	26.0	13.8	20.6#

Instrument :
BNA_M
ClientSampleId :
C0B86DL

Manual Integrations APPROVED
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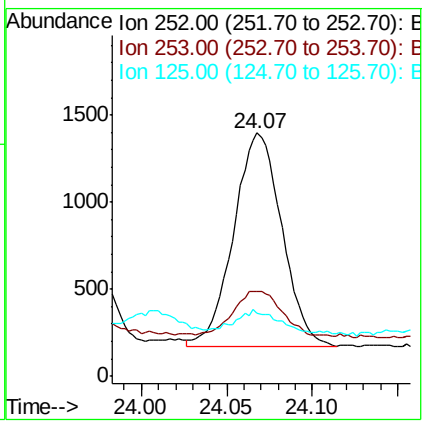
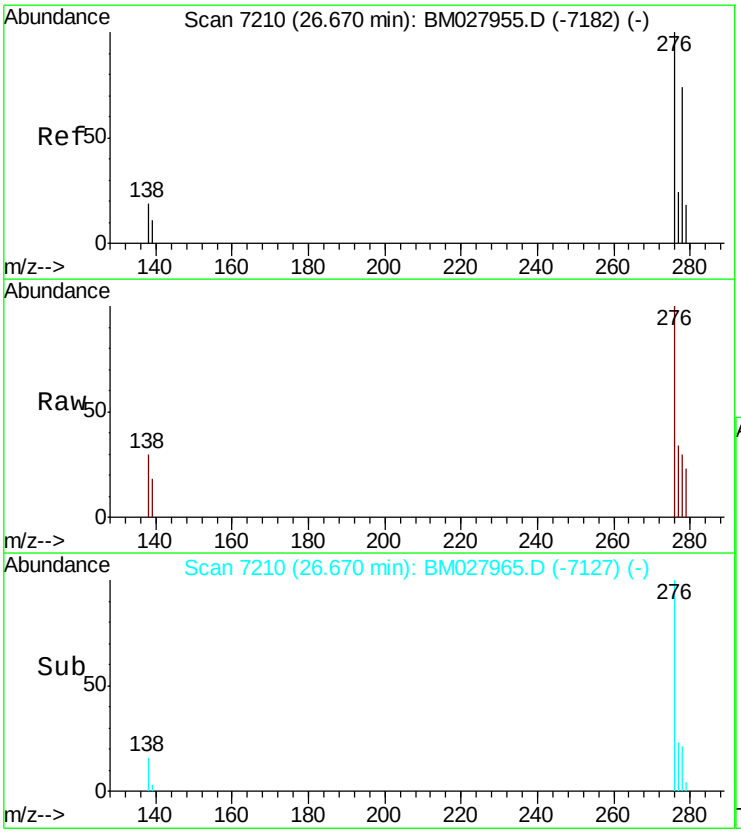
11/27/2020 11:43:35 AM

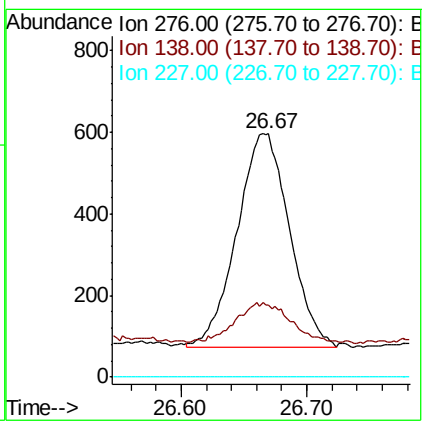


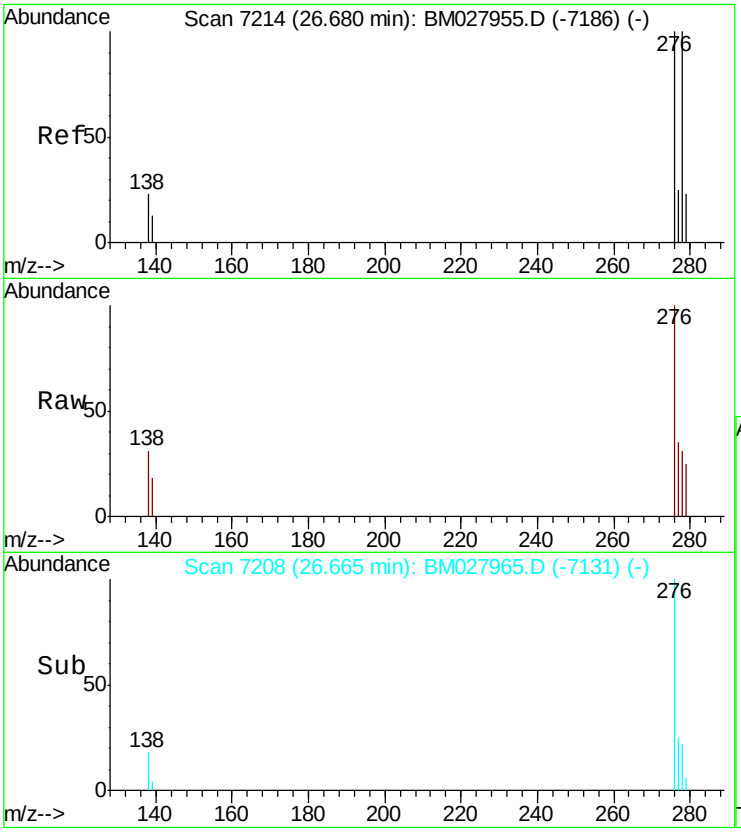


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.159 ng/ul
RT: 26.67 min Scan# 7210
Delta R.T. 0.00 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:276 Resp: 1513

Ion	Ratio	Lower	Upper
276	100		
138	18.2	15.7	23.5
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.054 ng/ul
RT: 26.67 min Scan# 7208
Delta R.T. -0.01 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:278 Resp: 428

Ion	Ratio	Lower	Upper
278	100		
139	60.1	14.8	22.2#
279	81.4	25.8	38.6#

Instrument :
BNA_M
ClientSampleId :
C0B86DL

Manual Integrations APPROVED
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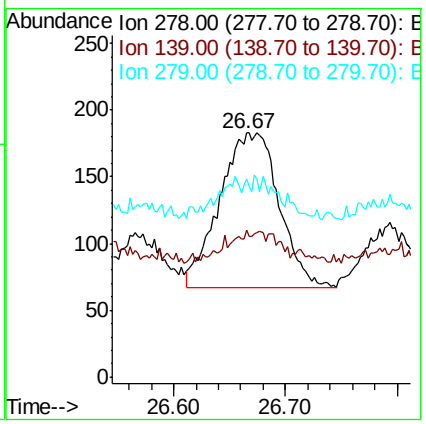

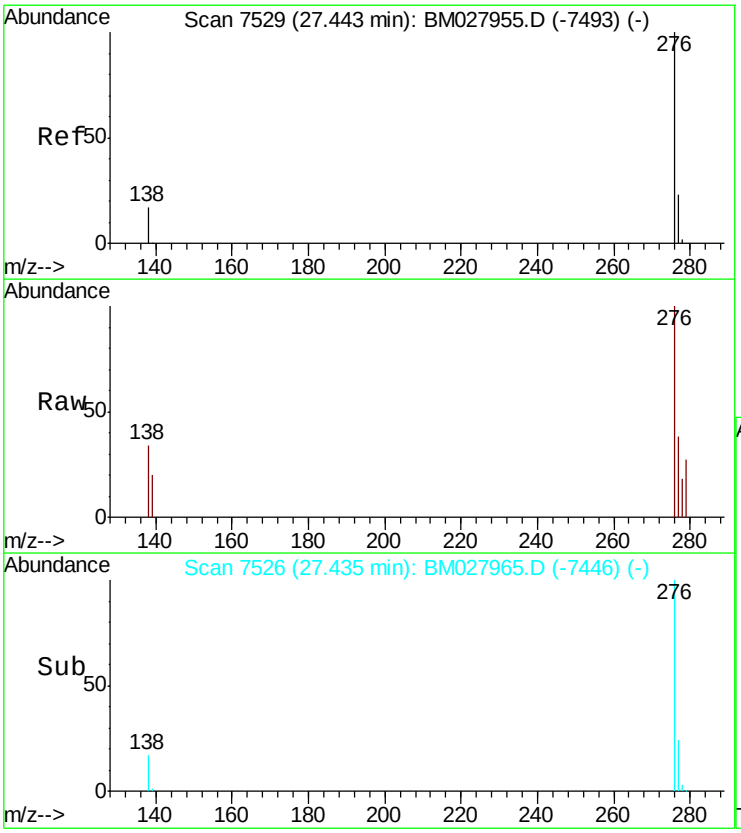

#26
Benzo(g,h,i)perylene
Concen: 0.156 ng/ul
RT: 27.44 min Scan# 7526
Delta R.T. -0.01 min
Lab File: BM027965.D
Acq: 25 Nov 2020 15:58

Tgt Ion:276 Resp: 1247

Ion	Ratio	Lower	Upper
276	100		
138	34.2	17.4	26.2#
277	38.1	22.5	33.7#