Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027957.D
Acq On : 25 Nov 2020 11:05
Operator : JU/CG
Sample : L4751-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B84DL

Manual Integrations APPROVED
mohammad
11/27/2020 11:43:03 AM

Quant Time: Nov 25 12:01:36 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	1242	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4808	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2496	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4107	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2699	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2790	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	176	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	240	0.02	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	15.00	153	470	0.052	ng/ul	96
9) Fluorene	15.98	166	912	0.086	ng/ul#	97
12) Phenanthrene	17.70	178	22652	1.746	ng/ul	97
13) Anthracene	17.79	178	6533	0.522	ng/ul	100
15) Fluoranthene	19.68	202	76345	5.307	ng/ul	100
17) Pyrene	20.03	202	55407	4.042	ng/ul	98
18) Benzo(a)anthracene	21.74	228	31776	2.918	ng/ul	100
19) Chrysene	21.80	228	34672	3.269	ng/ul	98
21) Benzo(b)fluoranthene	23.44	252	47992m	4.093	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	16655m	1.450	ng/ul	
23) Benzo(a)pyrene	24.08	252	25562	2.493	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.67	276	19372	1.745	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.68	278	5087	0.550	ng/ul	99
26) Benzo(g,h,i)perylene	27.45	276	15771	1.693	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027957.D
Acq On : 25 Nov 2020 11:05
Operator : JU/CG
Sample : L4751-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 12:01:36 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 :
C0B84DL

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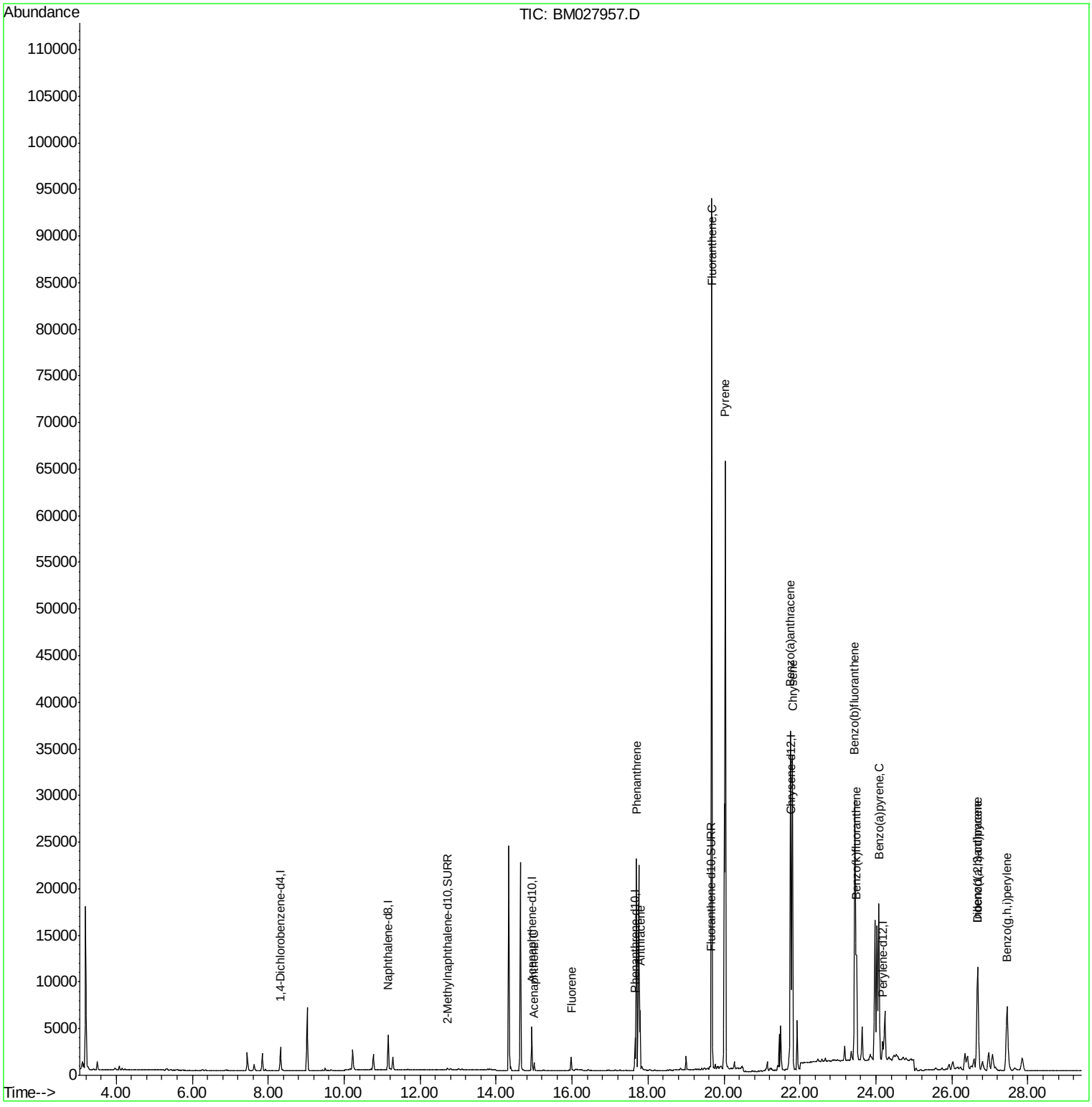

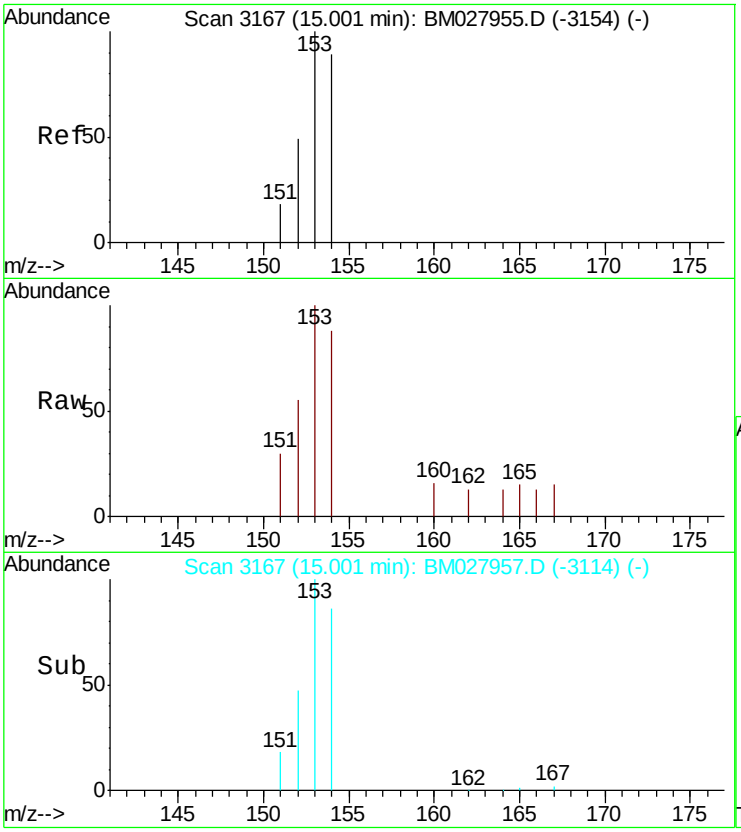

#8
Acenaphthene
Concen: 0.052 ng/ul
RT: 15.00 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:153 Resp: 470

Ion	Ratio	Lower	Upper
153	100		
152	54.8	39.0	58.6
154	87.7	71.6	107.4

Instrument :
BNA_M
ClientSampleId :
C0B84DL

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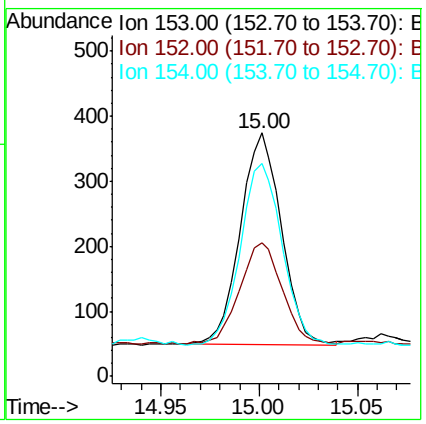
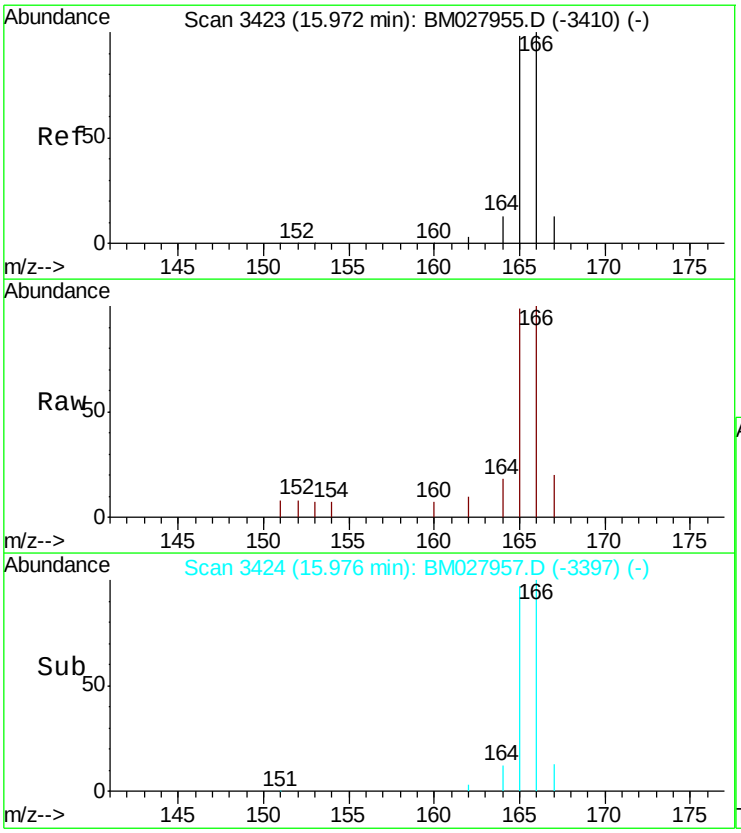
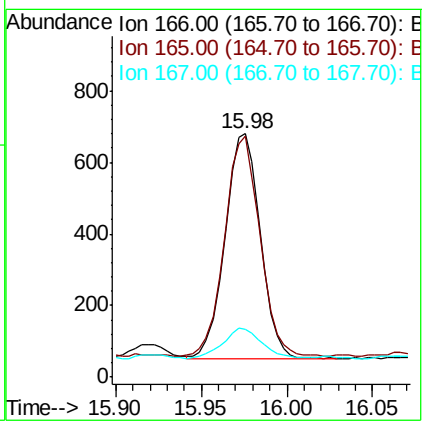


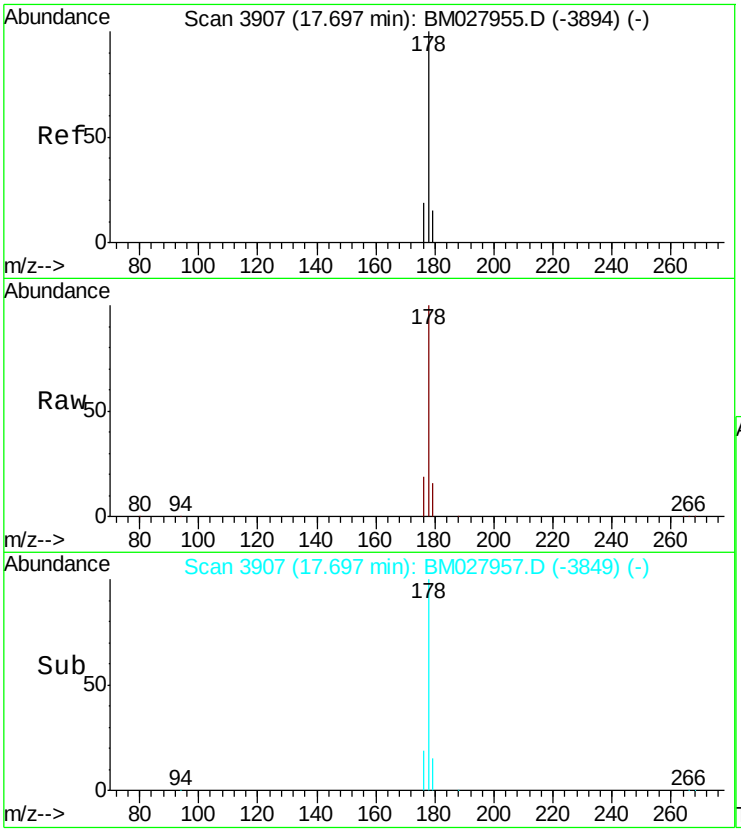


#9
Fluorene
Concen: 0.086 ng/ul
RT: 15.98 min Scan# 3424
Delta R.T. 0.00 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:166 Resp: 912

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.1	117.1
167	19.7	11.8	17.8#

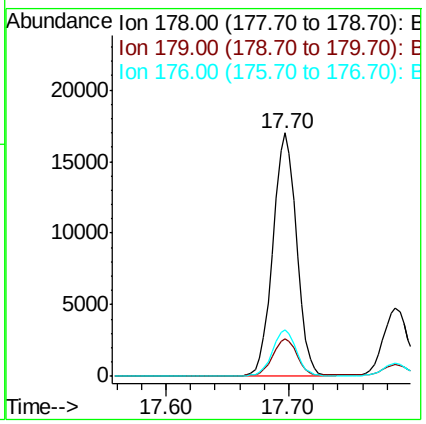




#12
Phenanthrene
Concen: 1.746 ng/ul
RT: 17.70 min Scan# 3907
Delta R.T. 0.00 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:178 Resp: 22652

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.6	20.4
176	19.0	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
C0B84DL

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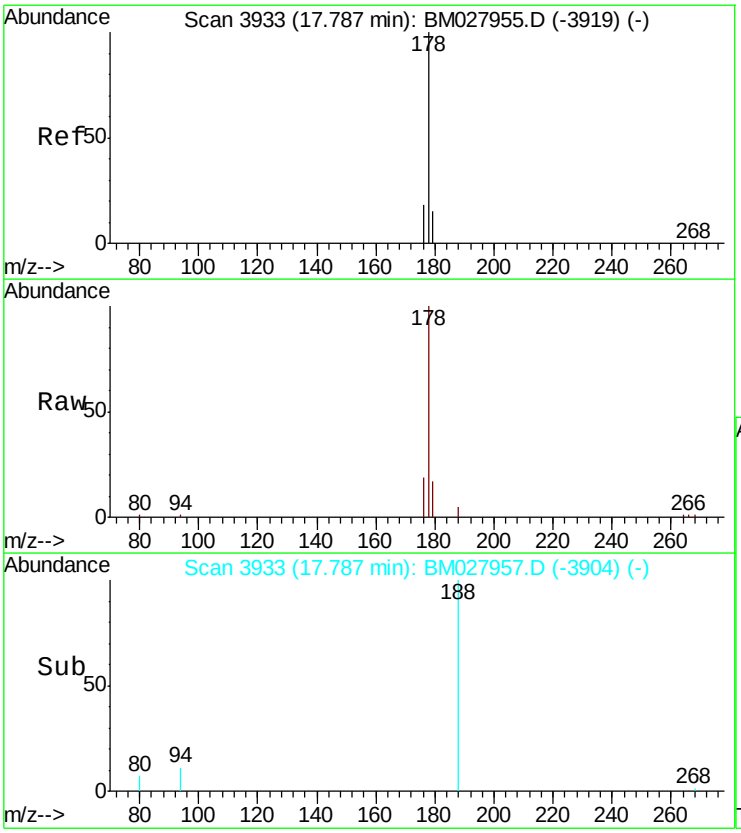
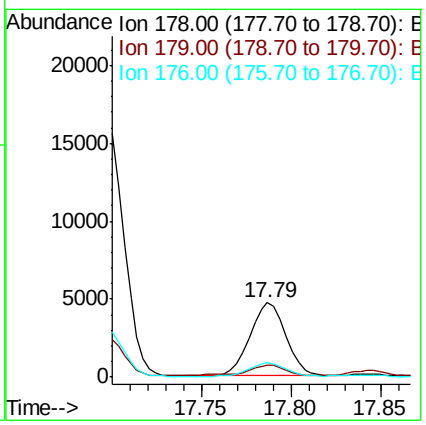
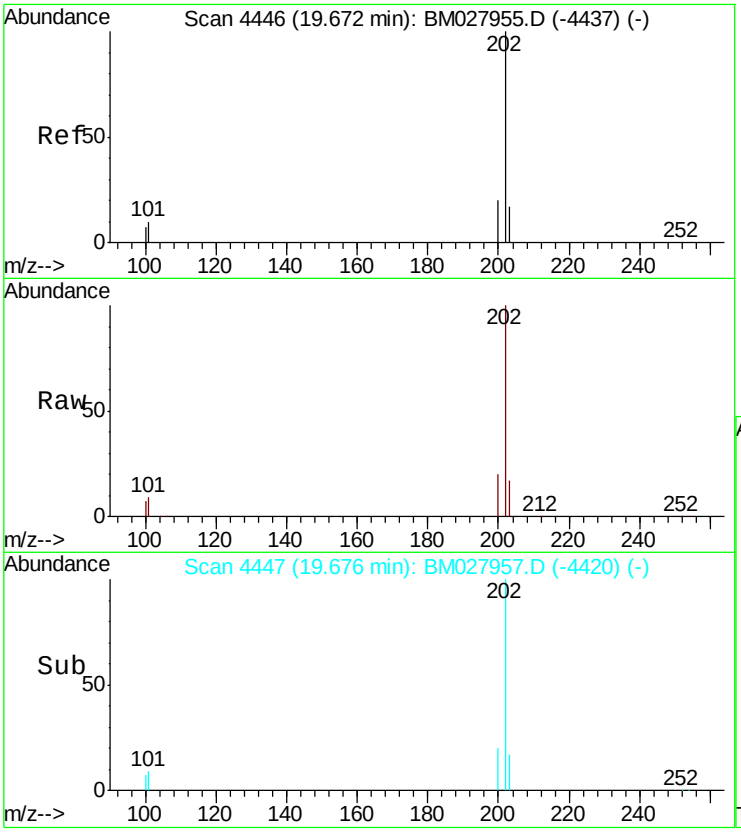


#13
Anthracene
Concen: 0.522 ng/ul
RT: 17.79 min Scan# 3933
Delta R.T. 0.00 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:178 Resp: 6533

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.4	20.2
176	18.8	15.0	22.6

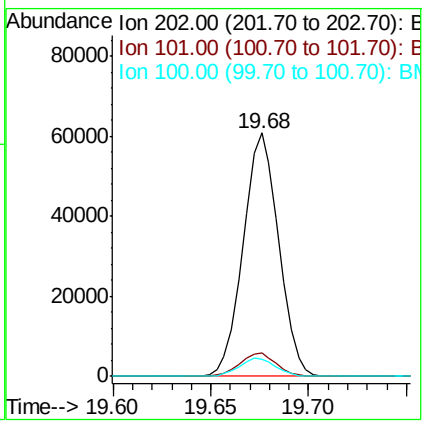




#15
Fluoranthene
Concen: 5.307 ng/ul
RT: 19.68 min Scan# 4447
Delta R.T. 0.00 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:202 Resp: 76345

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.3
100	7.3	0.0	27.4



Instrument :
BNA_M
ClientSampleId :
C0B84DL

Manual Integrations APPROVED
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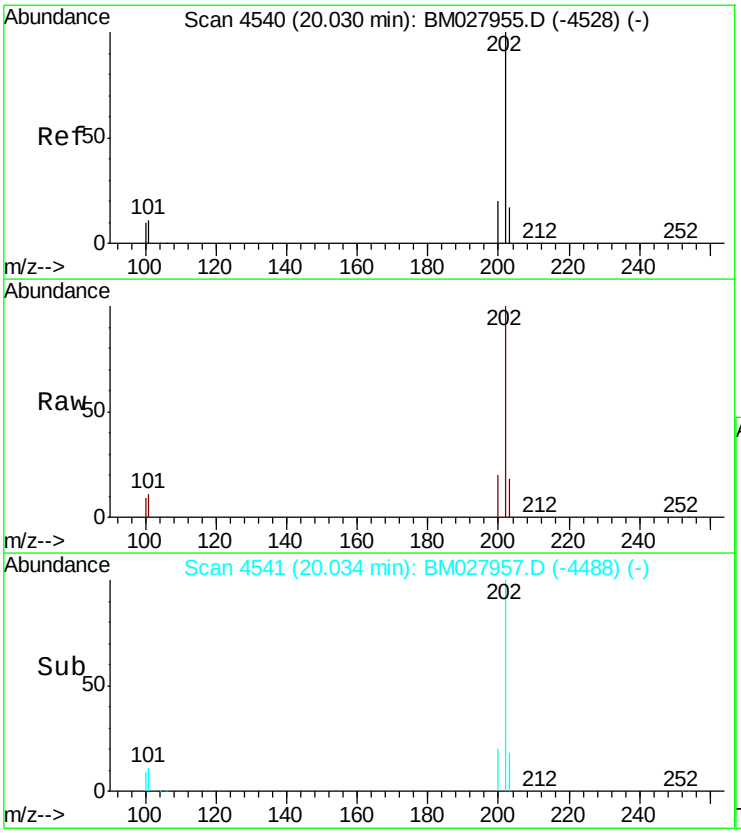
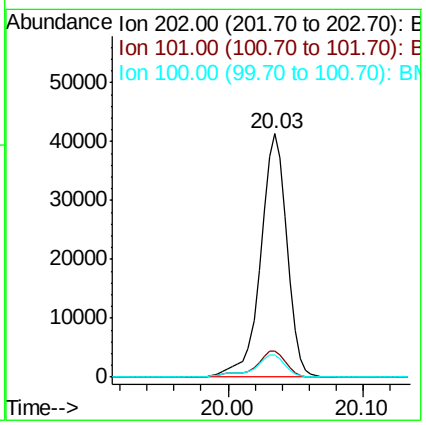
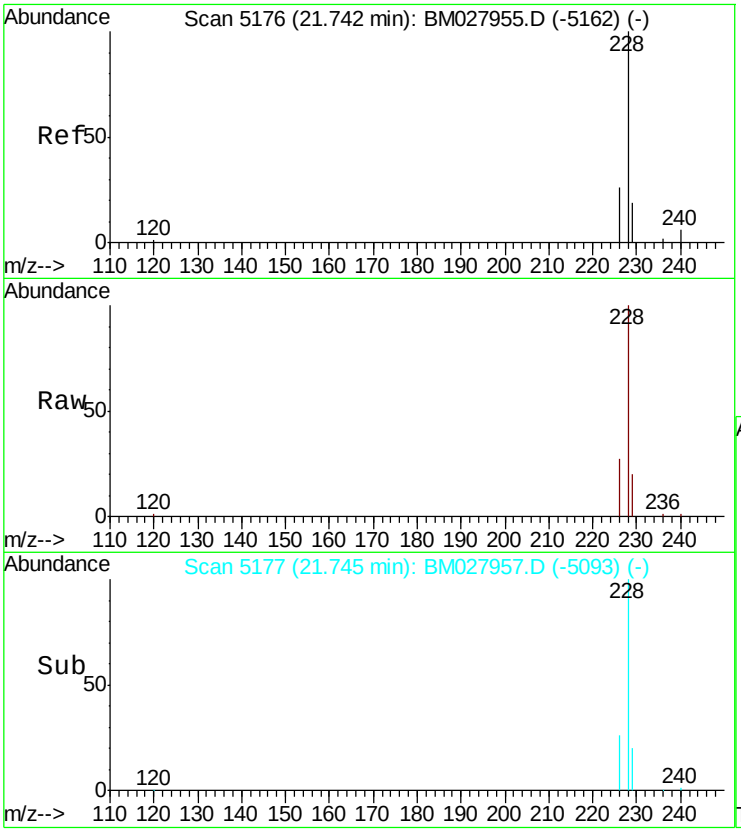


#17
Pyrene
Concen: 4.042 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. 0.00 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:202 Resp: 55407

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.2	12.2
100	9.2	6.9	10.3

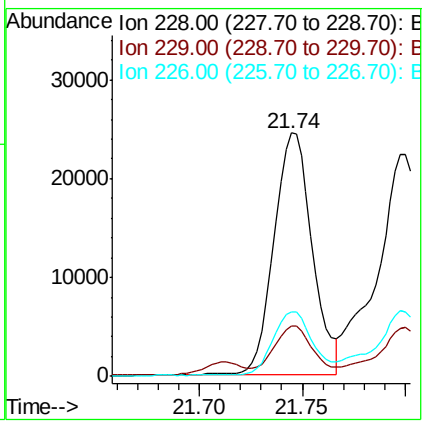




#18
Benzo(a)anthracene
Concen: 2.918 ng/ul
RT: 21.74 min Scan# 5177
Delta R.T. 0.00 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:228 Resp: 31776

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.2	24.4
226	26.6	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
C0B84DL

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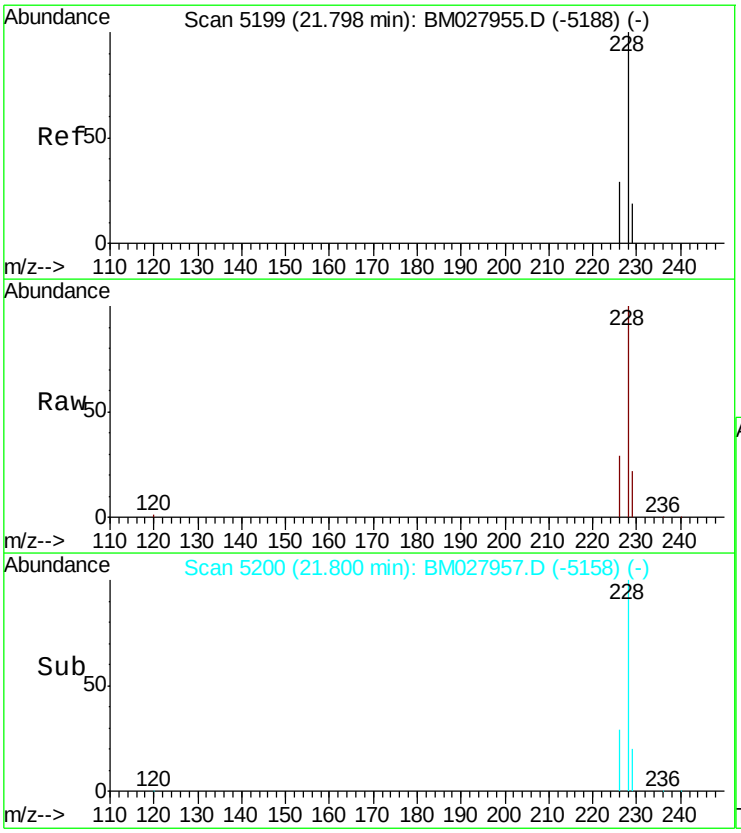
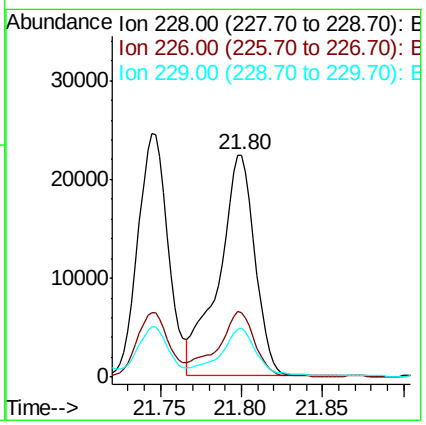
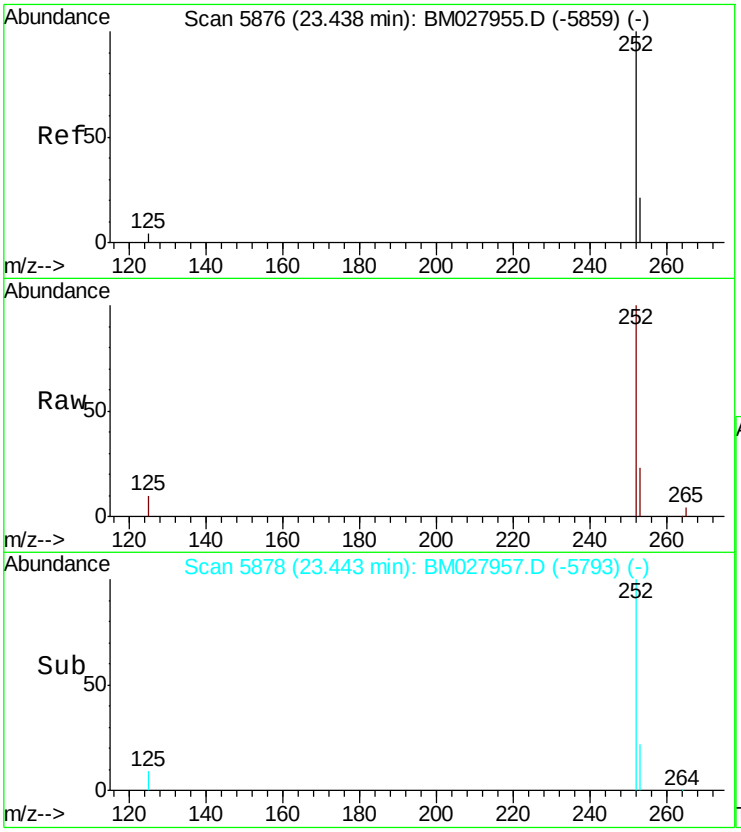


#19
Chrysene
Concen: 3.269 ng/ul
RT: 21.80 min Scan# 5200
Delta R.T. 0.00 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:228 Resp: 34672

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.1	36.1
229	22.0	16.6	24.8





#21
Benzo(b)fluoranthene
Concen: 4.093 ng/ul m
RT: 23.44 min Scan# 5878
Delta R.T. 0.00 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:252 Resp: 47992

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	59.6
125	9.8	0.0	28.4

Instrument :
BNA_M
ClientSampleId :
C0B84DL

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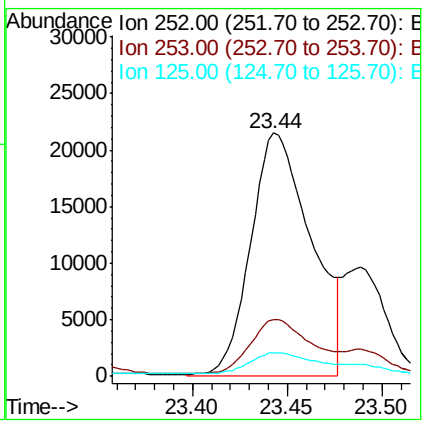
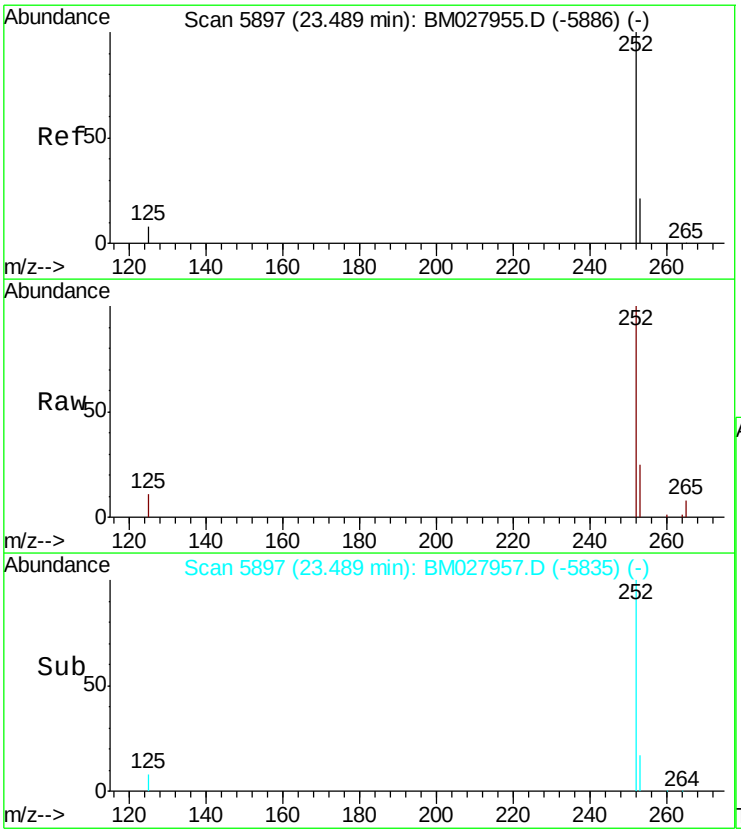
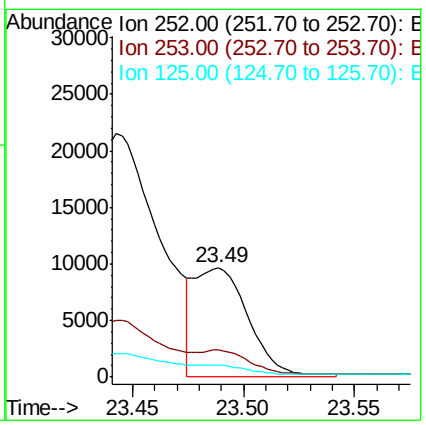


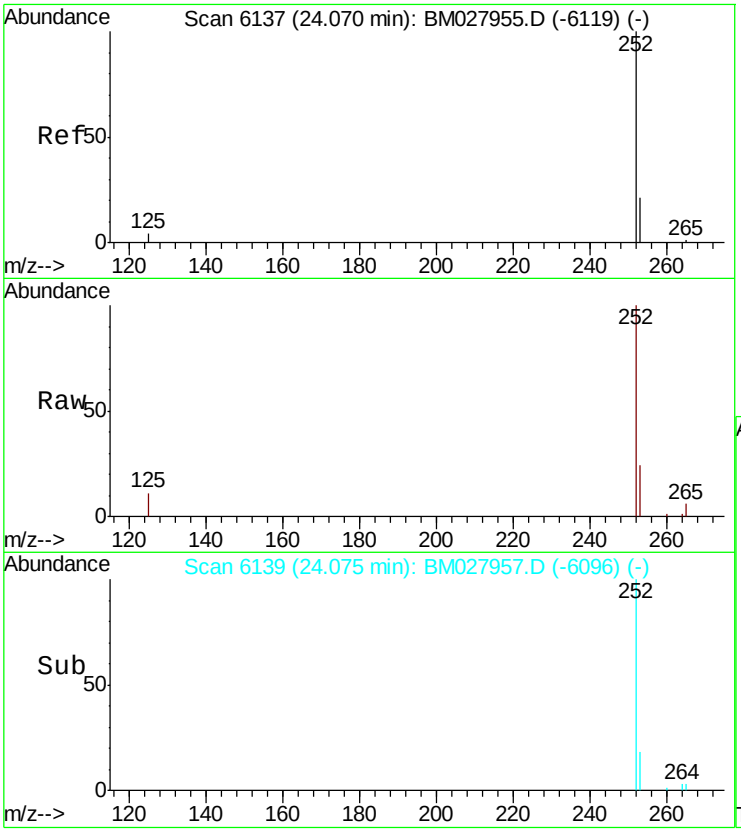


#22
Benzo(k)fluoranthene
Concen: 1.450 ng/ul m
RT: 23.49 min Scan# 5897
Delta R.T. 0.00 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:252 Resp: 16655

Ion	Ratio	Lower	Upper
252	100		
253	24.7	23.2	34.8
125	10.6	11.8	17.6#





#23
Benzo(a)pyrene
Concen: 2.493 ng/ul
RT: 24.08 min Scan# 6139
Delta R.T. 0.00 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:252 Resp: 25562

Ion	Ratio	Lower	Upper
252	100		
253	23.6	25.2	37.8#
125	10.6	13.8	20.6#

Instrument :
BNA_M
ClientSampleId :
C0B84DL

Manual Integrations APPROVED
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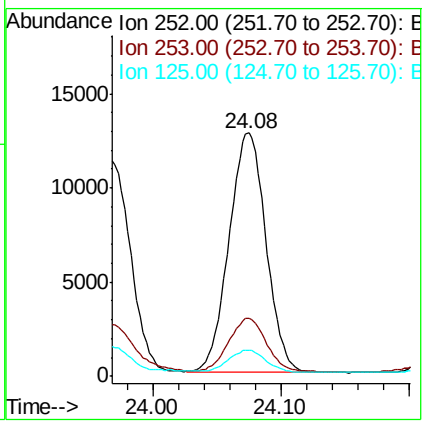
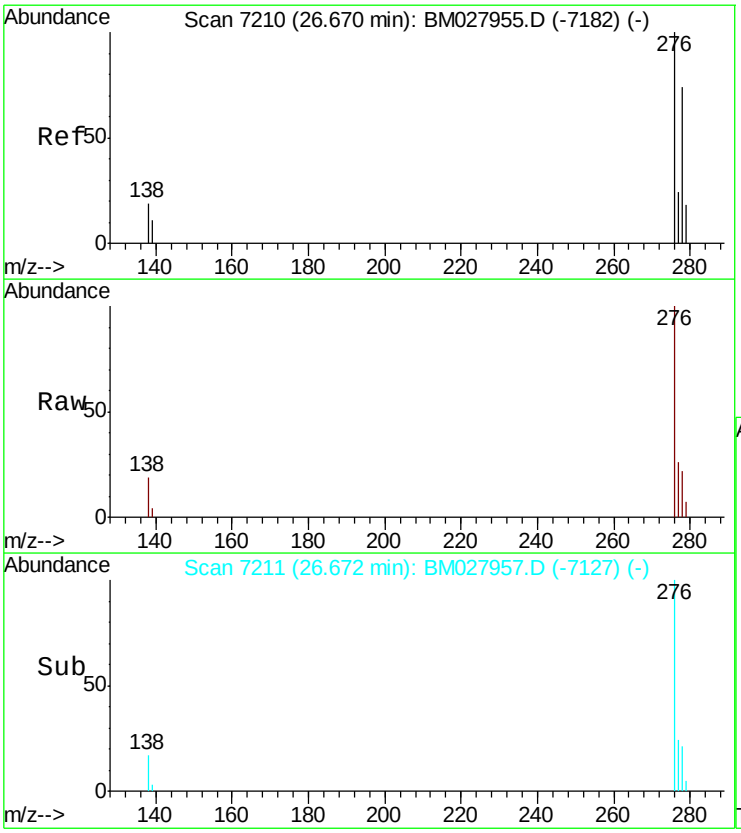
11/27/2020 11:43:03 AM

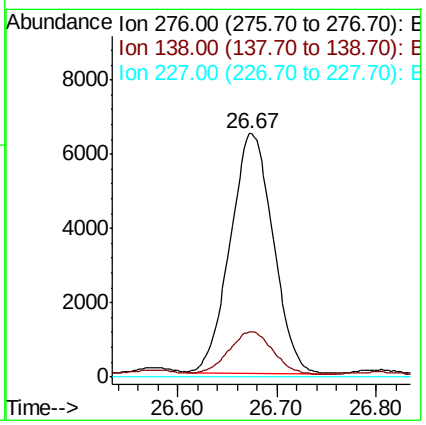


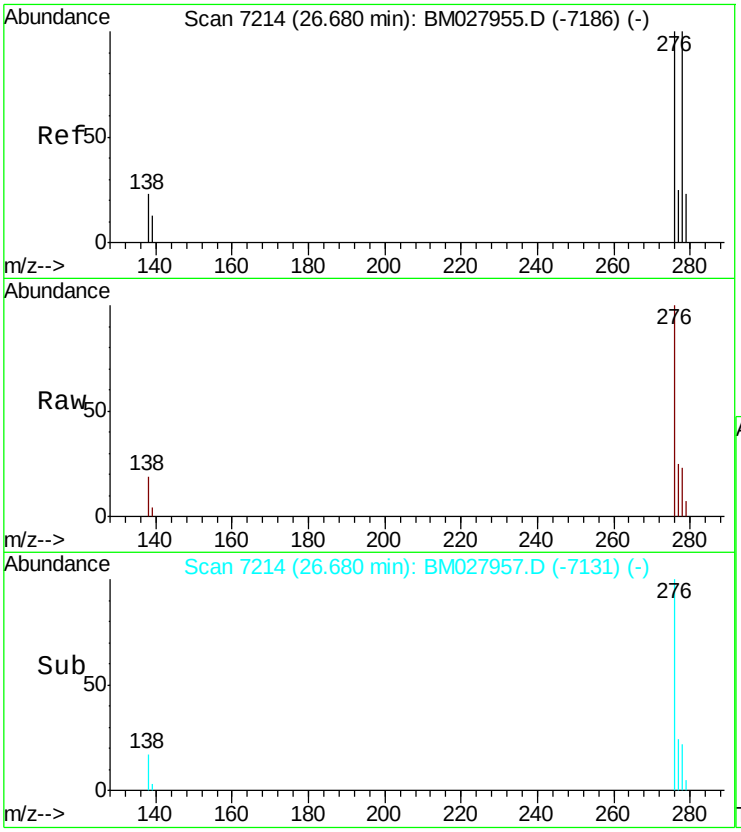


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.745 ng/ul
RT: 26.67 min Scan# 7211
Delta R.T. 0.00 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:276 Resp: 19372

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: 0.550 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. 0.00 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:278 Resp: 5087

Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.8	22.2
279	32.0	25.8	38.6

Instrument :
BNA_M
ClientSampleId :
C0B84DL

Manual Integrations APPROVED
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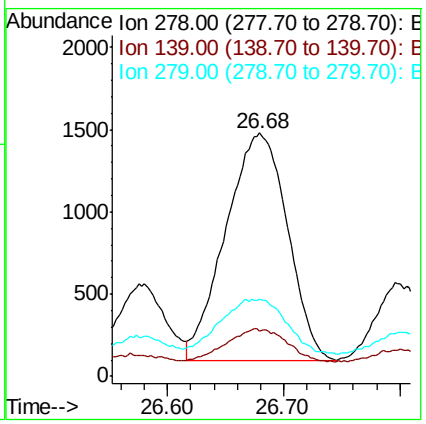

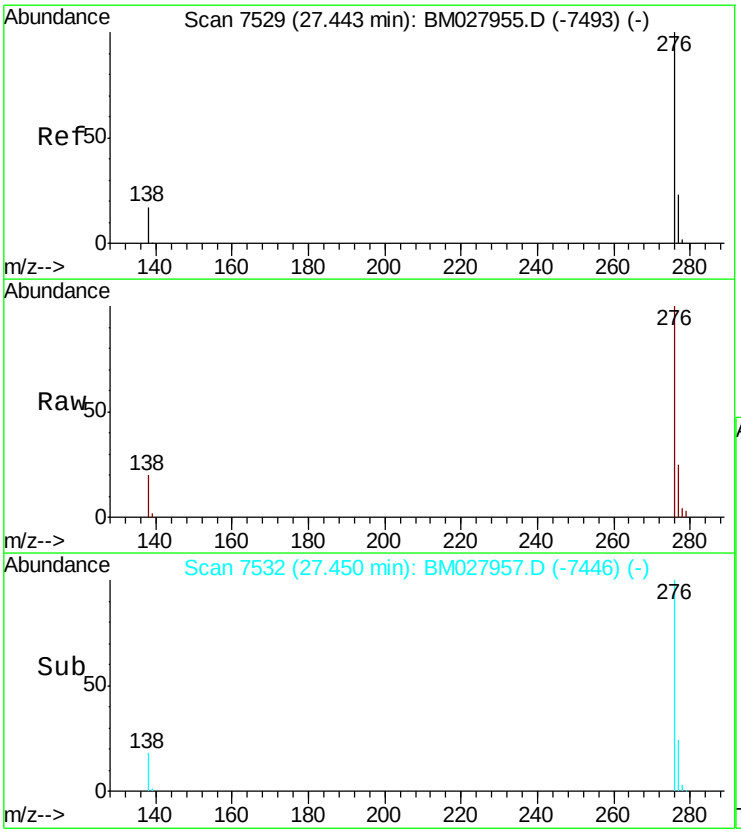

#26
Benzo(g,h,i)perylene
Concen: 1.693 ng/ul
RT: 27.45 min Scan# 7532
Delta R.T. 0.01 min
Lab File: BM027957.D
Acq: 25 Nov 2020 11:05

Tgt Ion:276 Resp: 15771

Ion	Ratio	Lower	Upper
276	100		
138	19.6	17.4	26.2
277	25.2	22.5	33.7