Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027930.D
Acq On : 24 Nov 2020 01:15
Operator : JU/CG
Sample : L4711-18DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B01DL

Manual Integrations APPROVED
mohammad
11/25/2020 12:45:35 PM

Quant Time: Nov 24 03:10:58 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 00:42:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1141	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4362	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2283	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3731	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2272	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2132	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	410	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	529	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.21	128	392	0.030	ng/ul#	63
5) 2-Methylnaphthalene	12.80	142	266	0.030	ng/ul	100
12) Phenanthrene	17.70	178	3461	0.294	ng/ul	99
13) Anthracene	17.79	178	692	0.061	ng/ul#	79
15) Fluoranthene	19.68	202	7218	0.552	ng/ul	97
17) Pyrene	20.03	202	6103	0.529	ng/ul#	95
18) Benzo(a)anthracene	21.74	228	2850	0.311	ng/ul	97
19) Chrysene	21.80	228	3111	0.348	ng/ul	94
21) Benzo(b)fluoranthene	23.44	252	3845m	0.429	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	1308m	0.149	ng/ul	
23) Benzo(a)pyrene	24.07	252	2491	0.318	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.67	276	1778	0.210	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.68	278	471	0.067	ng/ul#	2
26) Benzo(g,h,i)perylene	27.44	276	1680	0.236	ng/ul#	85

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027930.D
Acq On : 24 Nov 2020 01:15
Operator : JU/CG
Sample : L4711-18DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 24 03:10:58 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 00:42:23 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B01DL

Manual Integrations APPROVED
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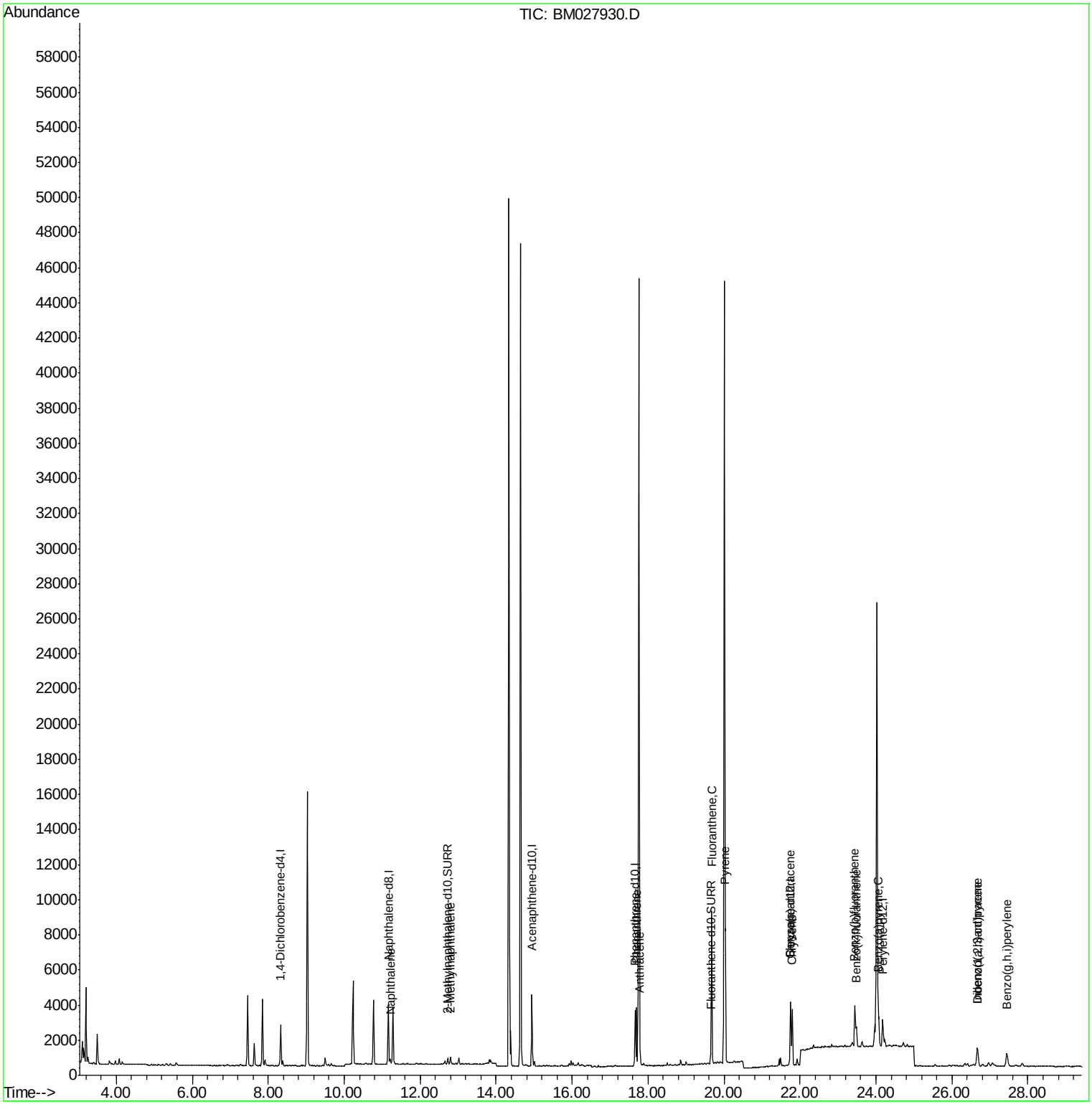

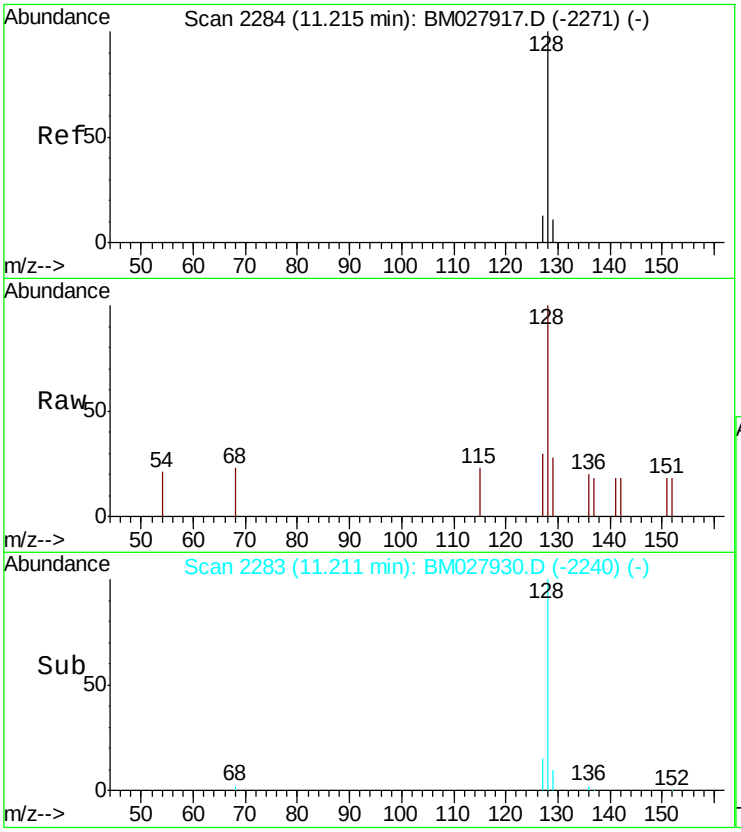

#3
Naphthalene
Concen: 0.030 ng/ul
RT: 11.21 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:128 Resp: 392

Ion	Ratio	Lower	Upper
128	100		
129	27.5	10.4	15.6#
127	30.4	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
C0B01DL

Manual Integrations APPROVED
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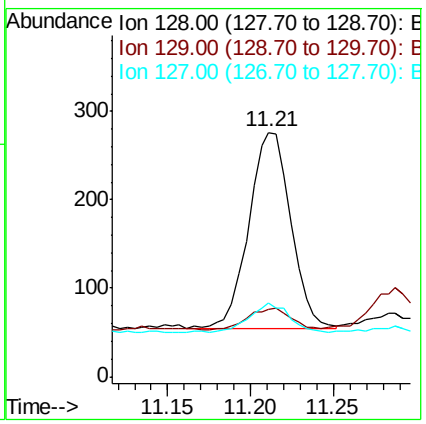
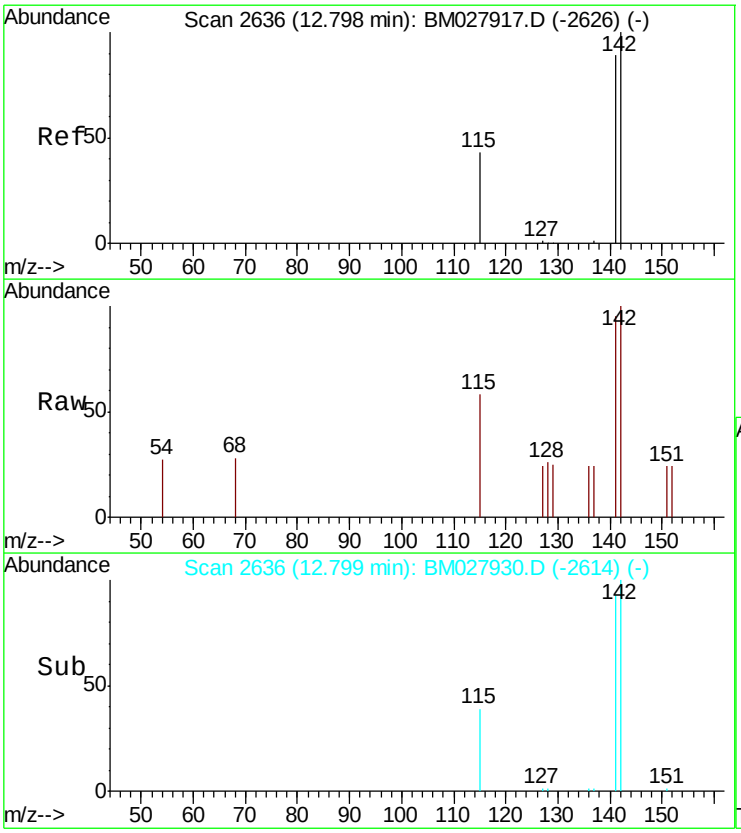
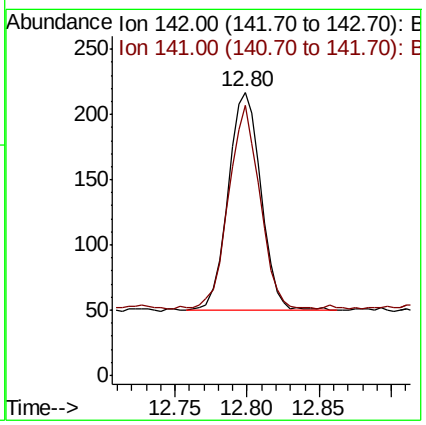


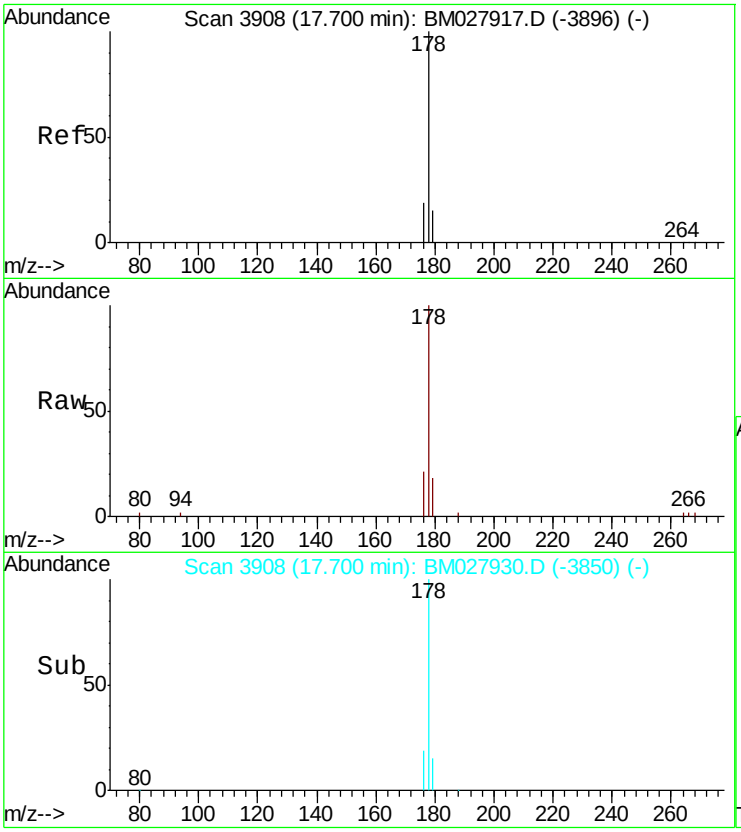


#5
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.80 min Scan# 2636
Delta R.T. 0.00 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:142 Resp: 266

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4

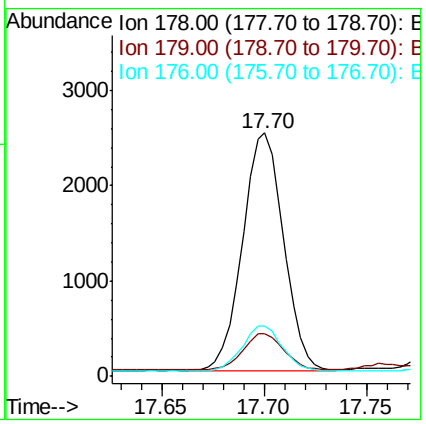




#12
Phenanthrene
Concen: 0.294 ng/ul
RT: 17.70 min Scan# 3908
Delta R.T. 0.00 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:178 Resp: 3461

Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.6	20.4
176	20.5	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
C0B01DL

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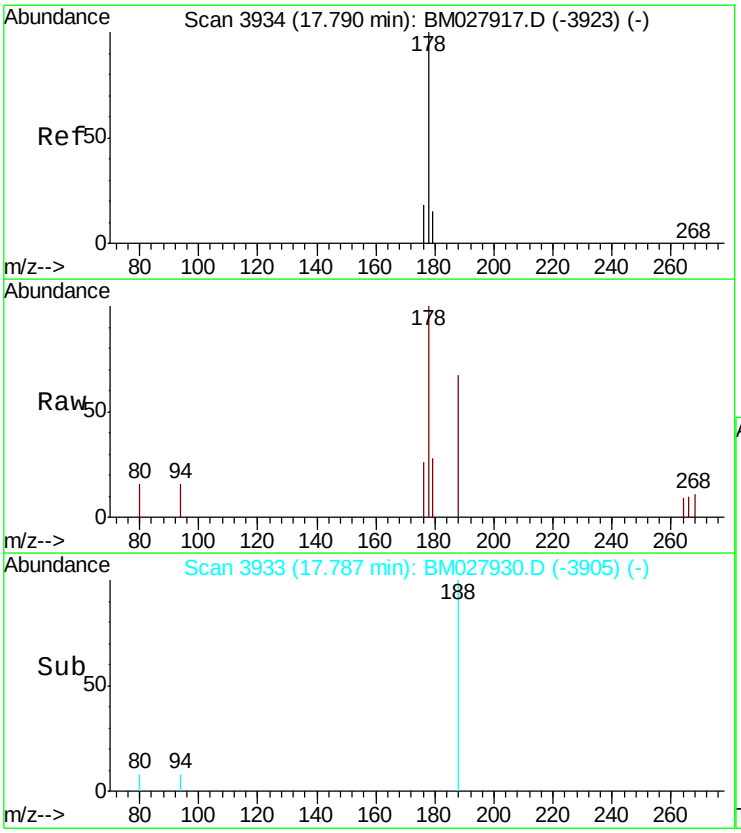
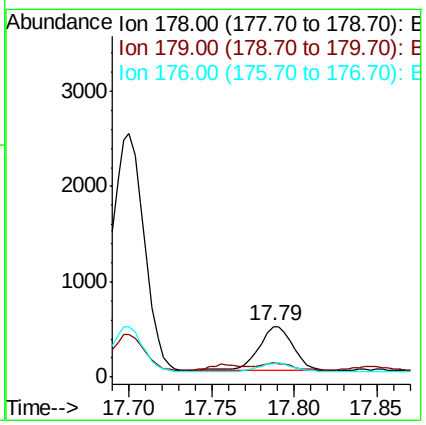
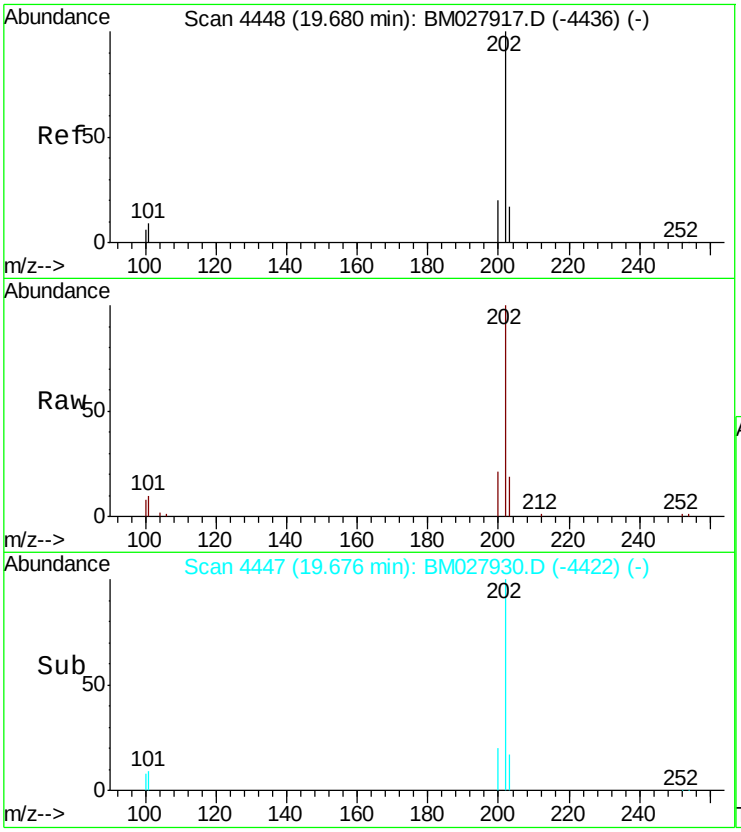


#13
Anthracene
Concen: 0.061 ng/ul
RT: 17.79 min Scan# 3933
Delta R.T. -0.00 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:178 Resp: 692

Ion	Ratio	Lower	Upper
178	100		
179	27.8	13.4	20.2#
176	26.3	15.0	22.6#

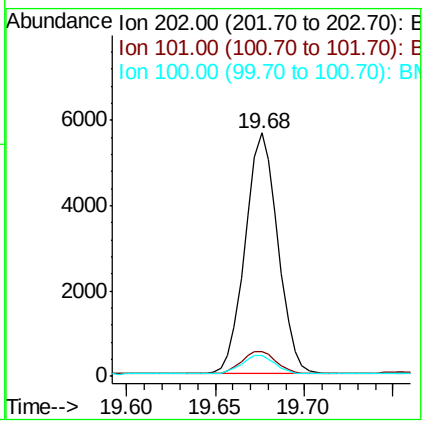




#15
Fluoranthene
Concen: 0.552 ng/ul
RT: 19.68 min Scan# 4447
Delta R.T. -0.00 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:202 Resp: 7218

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.3
100	8.5	0.0	27.4



Instrument :
BNA_M
ClientSampleId :
C0B01DL

Manual Integrations APPROVED
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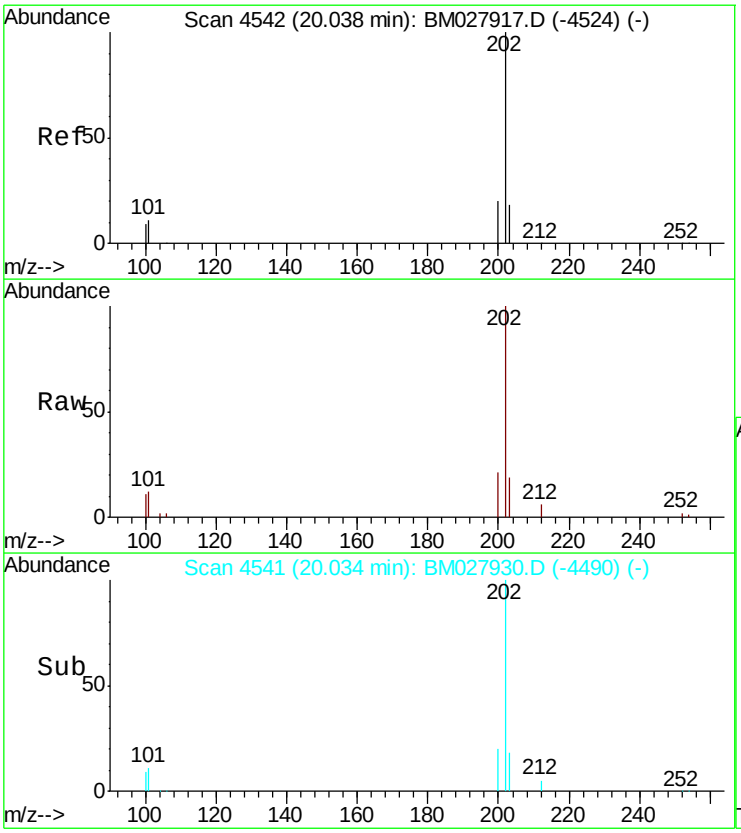
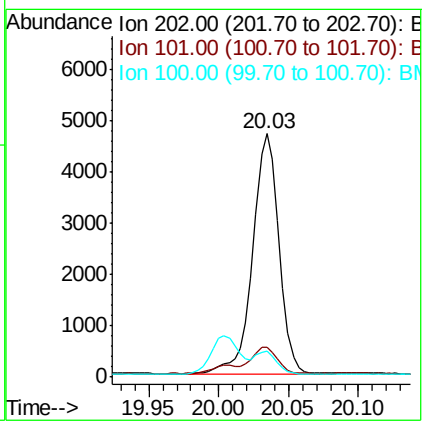
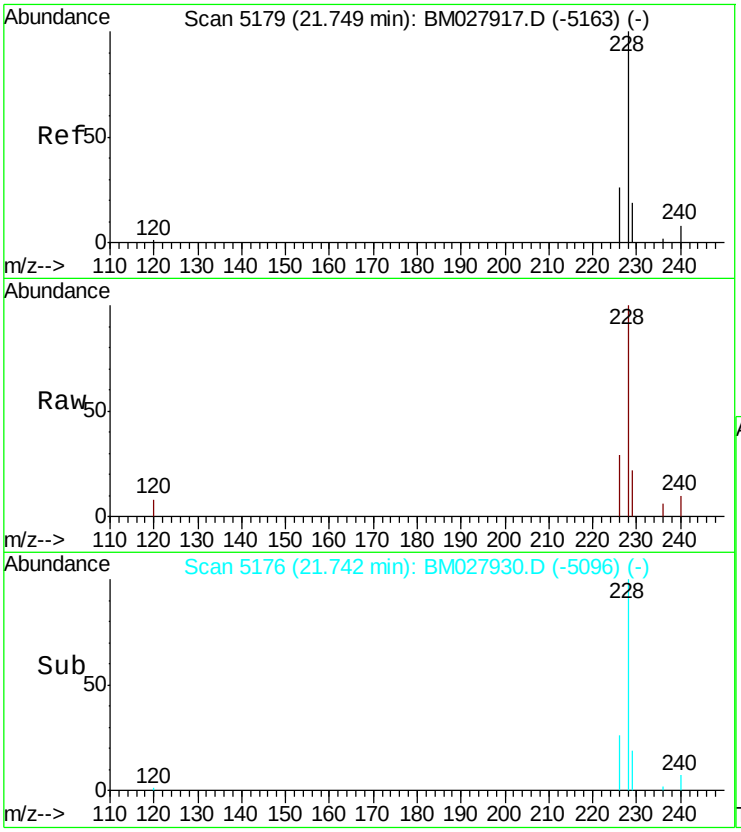


#17
Pyrene
Concen: 0.529 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. -0.00 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:202 Resp: 6103

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

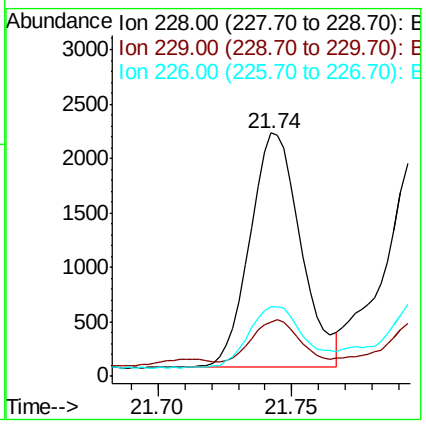




#18
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.74 min Scan# 5176
Delta R.T. -0.01 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:228 Resp: 2850

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.2	24.4
226	28.6	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
C0B01DL

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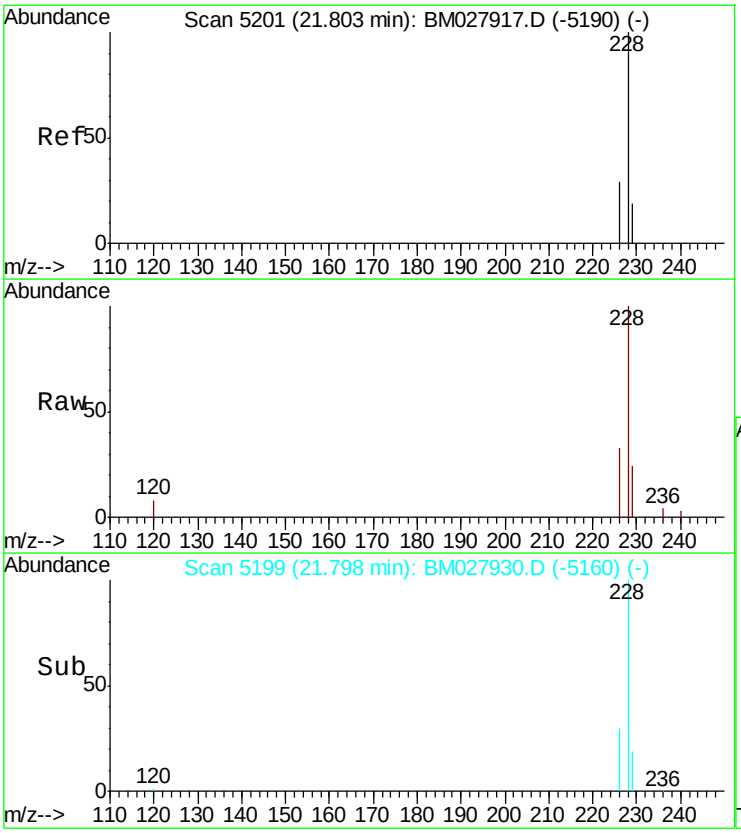
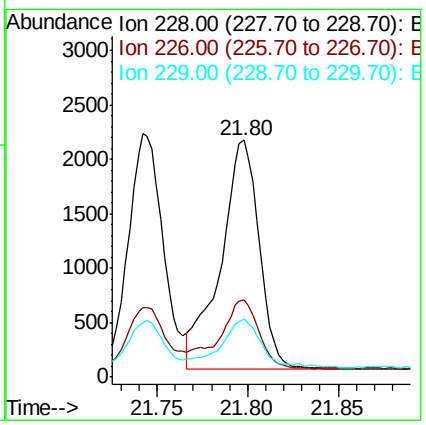
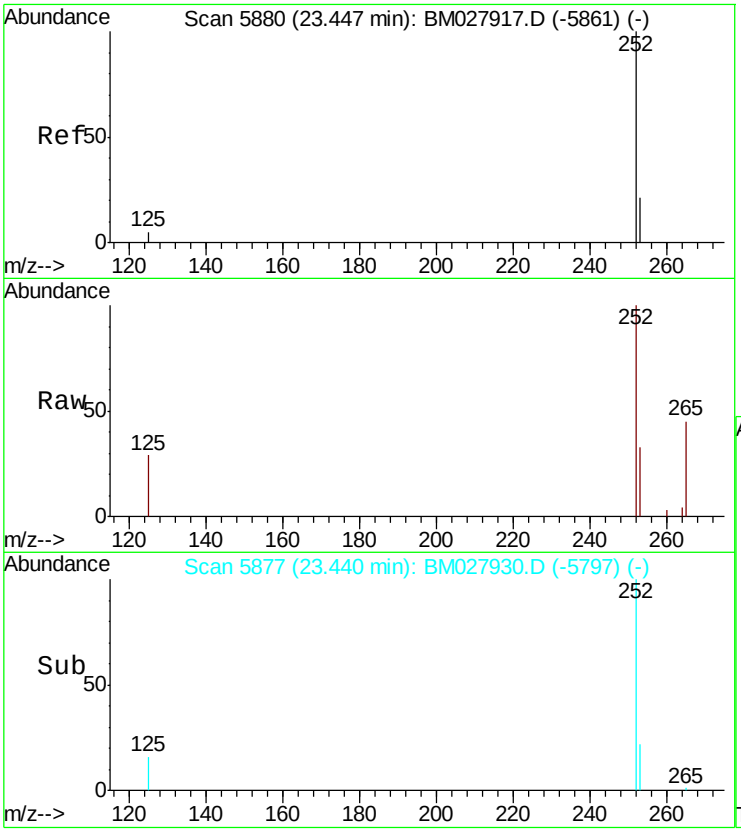


#19
Chrysene
Concen: 0.348 ng/ul
RT: 21.80 min Scan# 5199
Delta R.T. -0.00 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:228 Resp: 3111

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.1	36.1
229	24.3	16.6	24.8





#21
Benzo(b)fluoranthene
Concen: 0.429 ng/ul m
RT: 23.44 min Scan# 5877
Delta R.T. -0.01 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:252 Resp: 3845

Ion	Ratio	Lower	Upper
252	100		
253	33.0	0.0	59.6
125	29.1	0.0	28.4#

Instrument :
BNA_M
ClientSampleId :
C0B01DL

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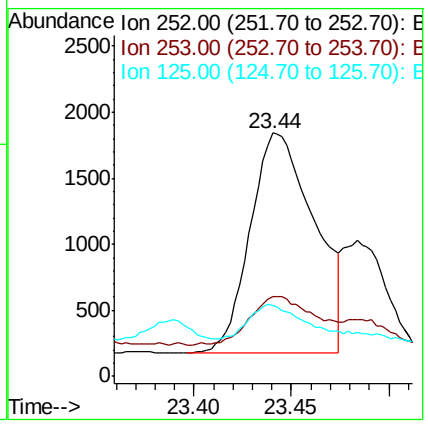
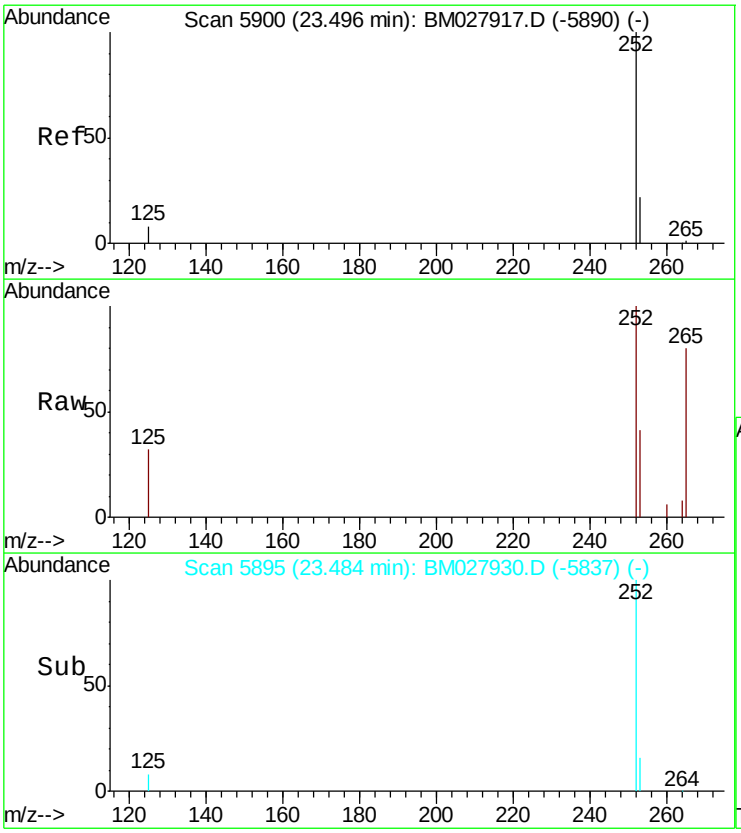
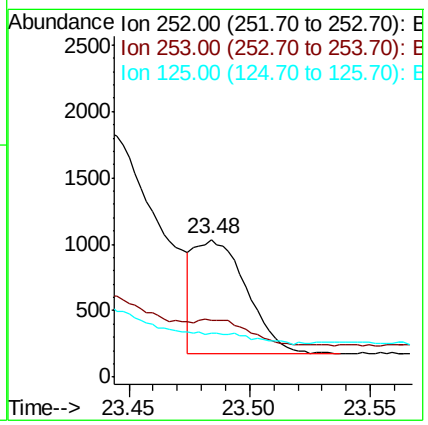


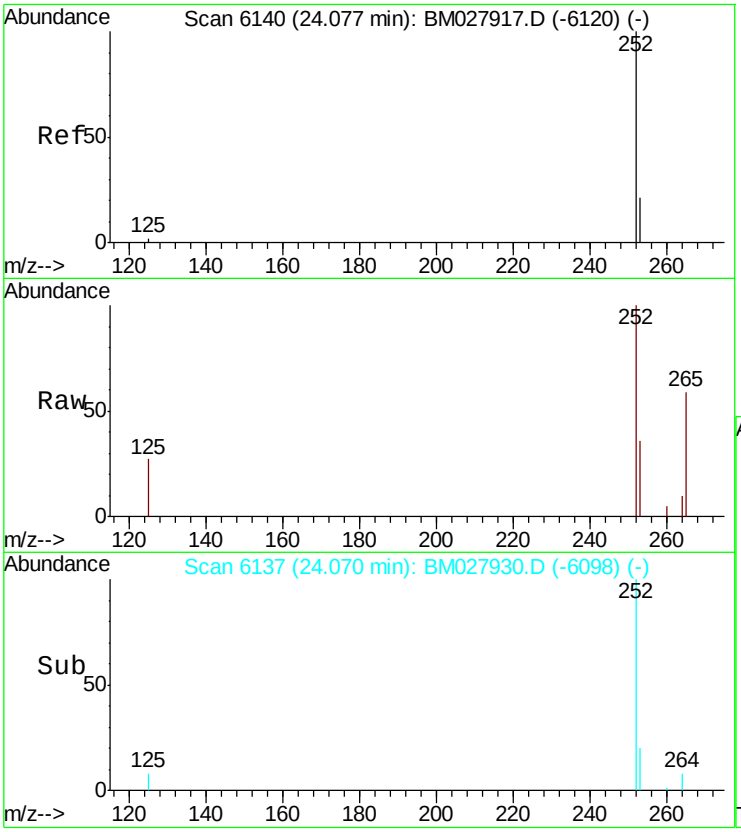


#22
Benzo(k)fluoranthene
Concen: 0.149 ng/ul m
RT: 23.48 min Scan# 5895
Delta R.T. -0.01 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:252 Resp: 1308

Ion	Ratio	Lower	Upper
252	100		
253	41.4	23.2	34.8#
125	32.0	11.8	17.6#





#23
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 24.07 min Scan# 6137
Delta R.T. -0.00 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:252 Resp: 2491

Ion	Ratio	Lower	Upper
252	100		
253	35.9	25.2	37.8
125	27.1	13.8	20.6#

Instrument :
BNA_M
ClientSampleId :
C0B01DL

Manual Integrations APPROVED
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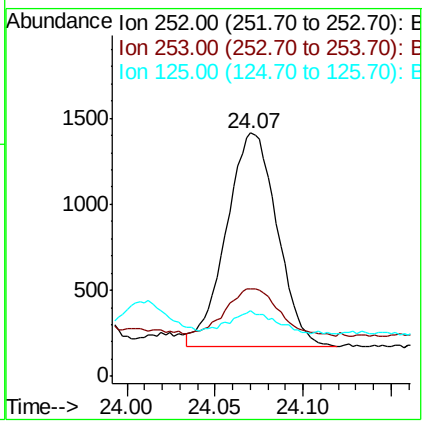
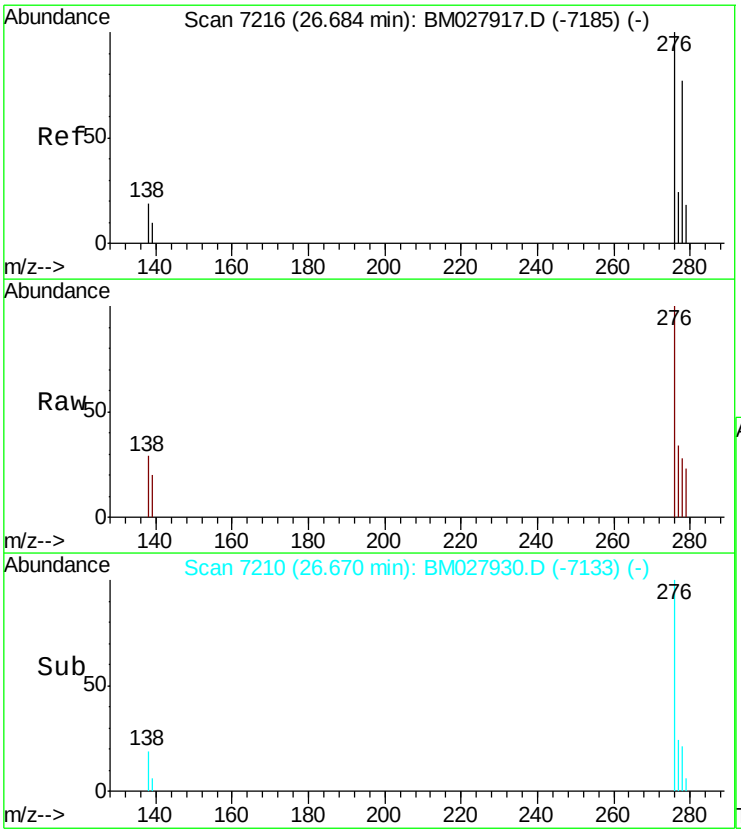
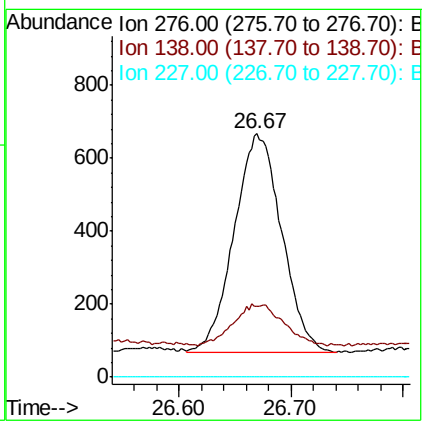


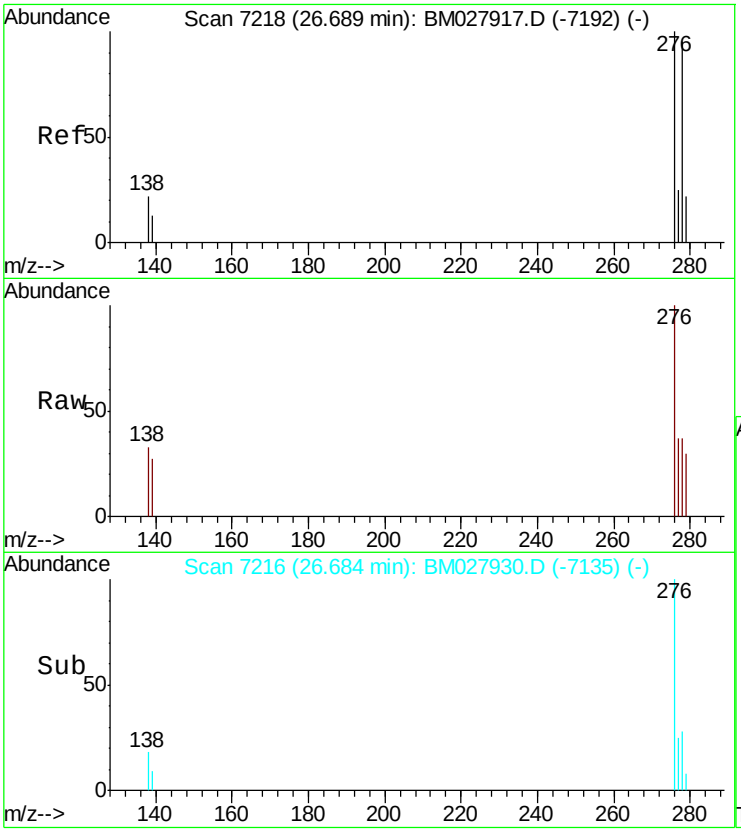


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.210 ng/ul
RT: 26.67 min Scan# 7210
Delta R.T. -0.01 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:276 Resp: 1778

Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.7	23.5
227	0.0	0.0	0.0

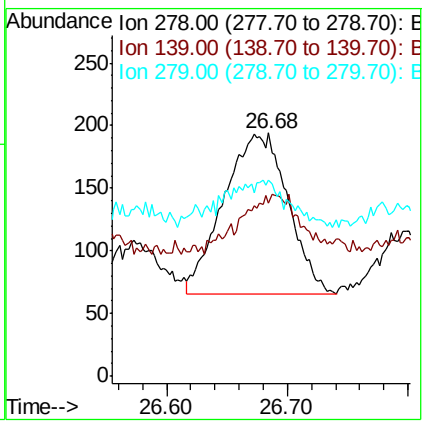




#25
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:278 Resp: 471

Ion	Ratio	Lower	Upper
278	100		
139	71.1	14.8	22.2#
279	80.9	25.8	38.6#



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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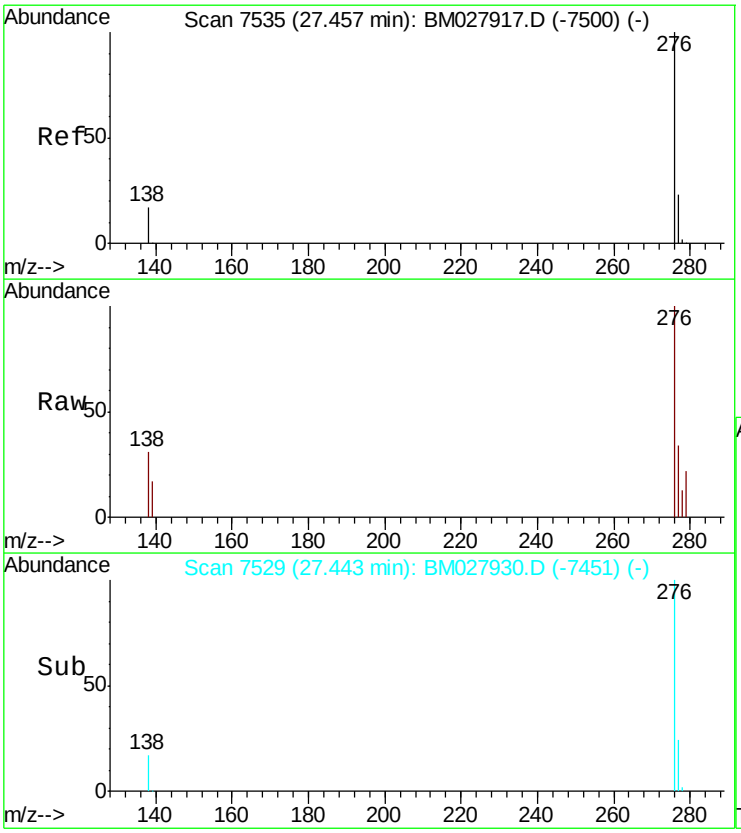
11/25/2020 12:45:35 PM



#26
Benzo(g,h,i)perylene
Concen: 0.236 ng/ul
RT: 27.44 min Scan# 7529
Delta R.T. -0.01 min
Lab File: BM027930.D
Acq: 24 Nov 2020 01:15

Tgt Ion:276 Resp: 1680

Ion	Ratio	Lower	Upper
276	100		
138	31.0	17.4	26.2#
277	34.1	22.5	33.7#