Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027879.D
Acq On : 21 Nov 2020 13:45
Operator : JU/CG
Sample : L4854-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 23 09:12:12 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 : Fri Nov 20 17:20:22 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0AD0

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	841	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3174	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	3415m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.67	188	4463	0.40	ng/ul	0.00
16) Chrysene-d12	21.78	240	4151	0.40	ng/ul	0.00
20) Perylene-d12	24.22	264	2845	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1523	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2071	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	61398	6.454	ng/ul	97
5) 2-Methylnaphthalene	12.81	142	166736	25.763	ng/ul	100
7) Acenaphthylene	14.67	152	15396	0.924	ng/ul#	1
8) Acenaphthene	15.02	153	40294	3.227	ng/ul#	85
9) Fluorene	15.99	166	54724	3.778	ng/ul#	90
12) Phenanthrene	17.71	178	494764	35.094	ng/ul	98
13) Anthracene	17.80	178	53293m	3.919	ng/ul	
15) Fluoranthene	19.69	202	75359	4.821	ng/ul	92
17) Pyrene	20.05	202	450048	21.348	ng/ul#	97
18) Benzo(a)anthracene	21.76	228	44529	2.659	ng/ul#	33
19) Chrysene	21.81	228	56066	3.437	ng/ul#	70
21) Benzo(b)fluoranthene	23.47	252	26203m	2.192	ng/ul	
22) Benzo(k)fluoranthene	23.50	252	4567m	0.390	ng/ul	
23) Benzo(a)pyrene	24.11	252	21640	2.070	ng/ul#	35
24) Indeno(1,2,3-cd)pyrene	26.73	276	9259	0.818	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.72	278	4838	0.513	ng/ul#	1
26) Benzo(g,h,i)perylene	27.51	276	17821	1.877	ng/ul#	83

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027879.D
Acq On : 21 Nov 2020 13:45
Operator : JU/CG
Sample : L4854-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 23 09:12:12 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 17:20:22 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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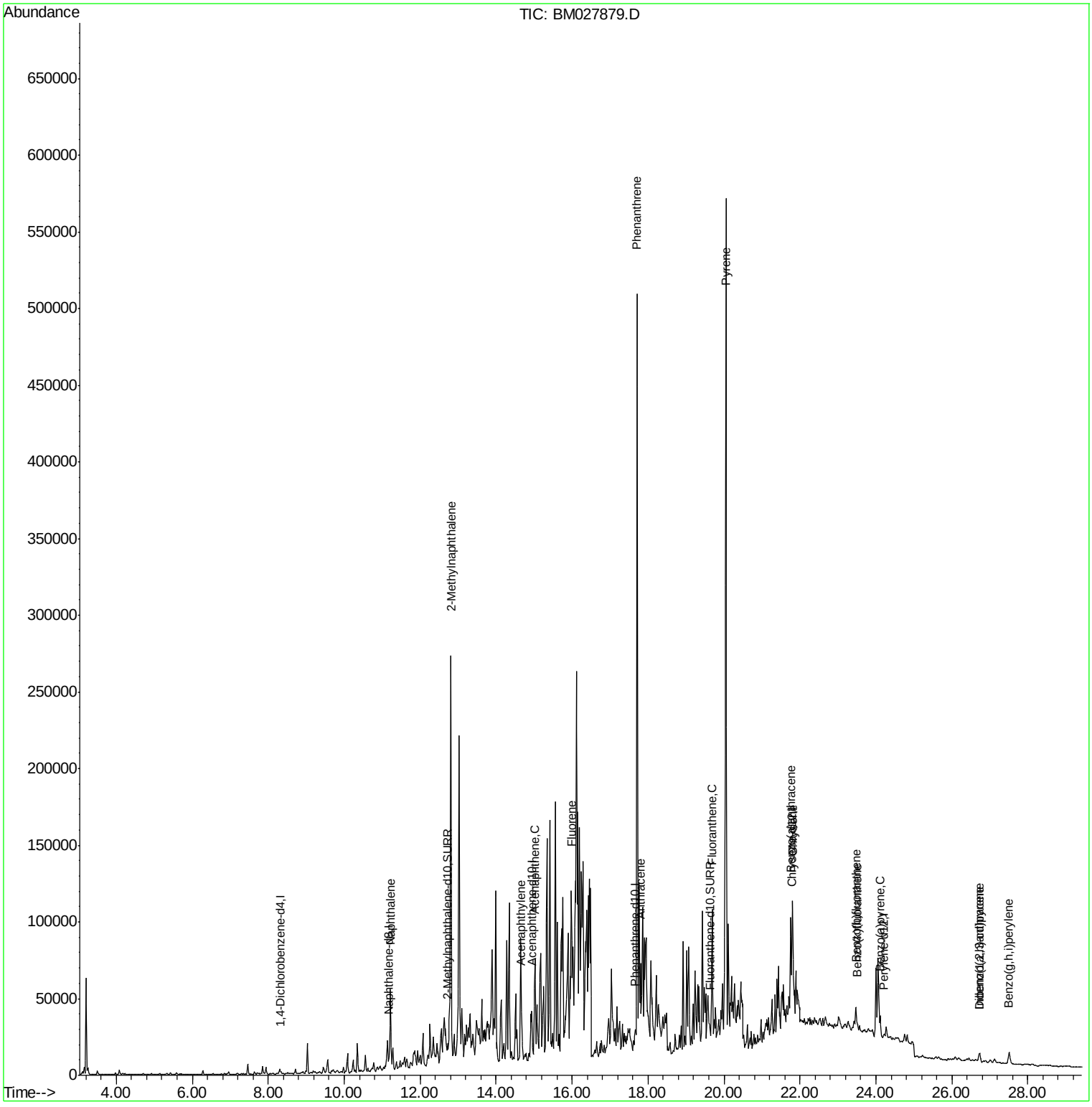

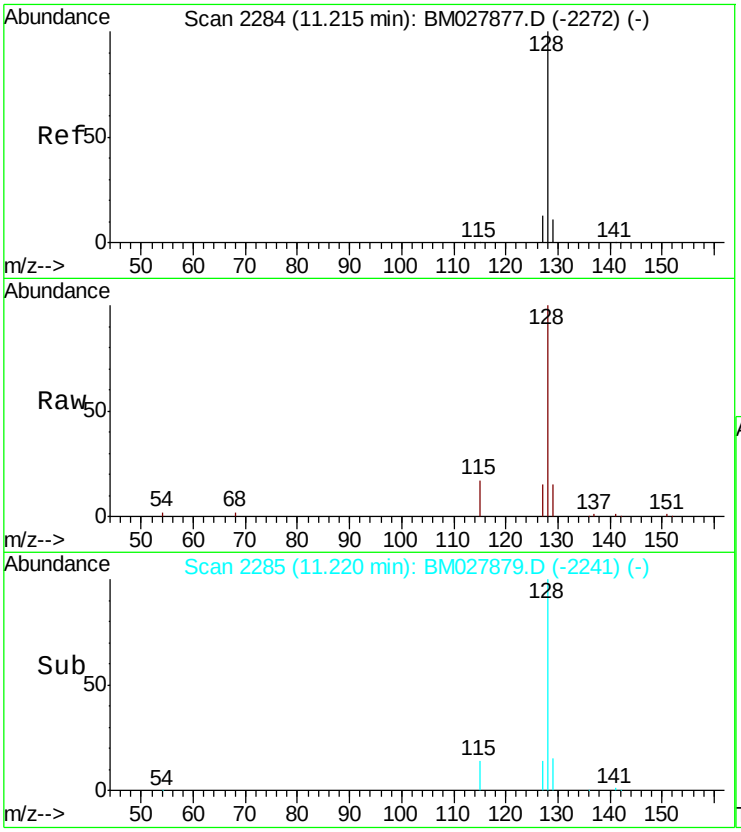

#3
Naphthalene
Concen: 6.454 ng/ul
RT: 11.22 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:128 Resp: 61398

Ion	Ratio	Lower	Upper
128	100		
129	15.5	10.4	15.6
127	14.7	12.0	18.0

Instrument :
BNA_M
ClientSampleId :
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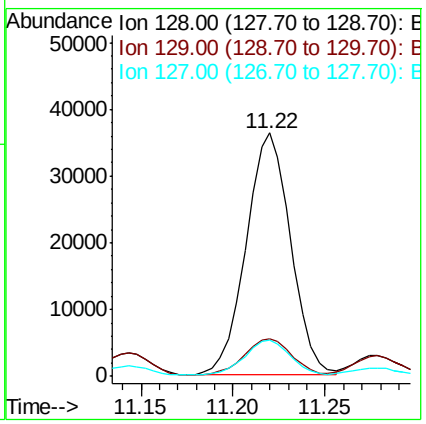
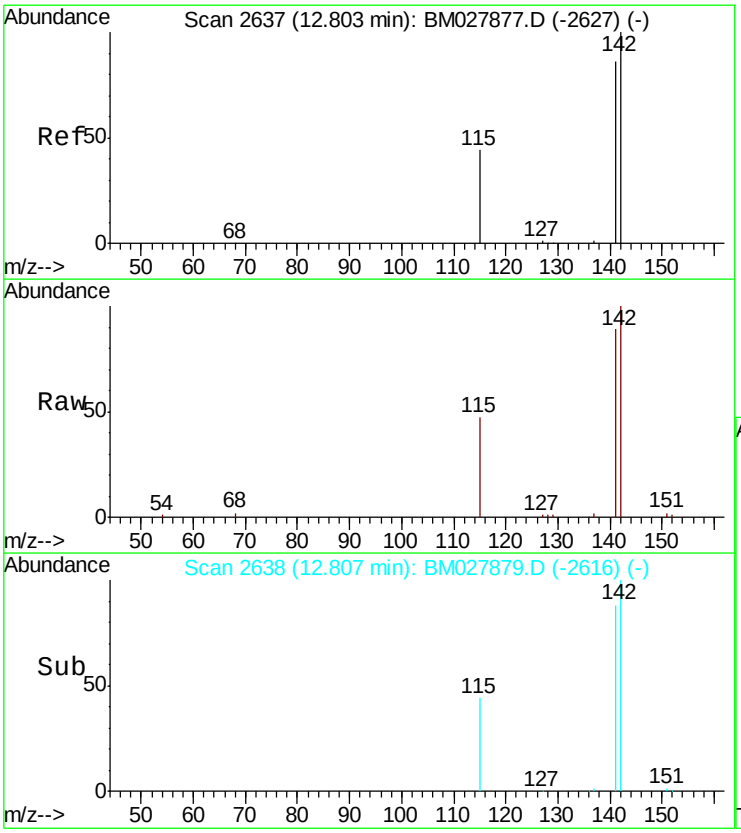
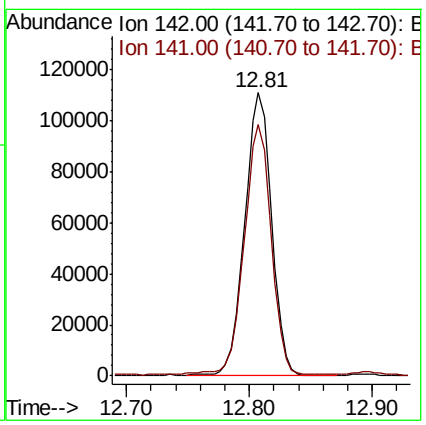


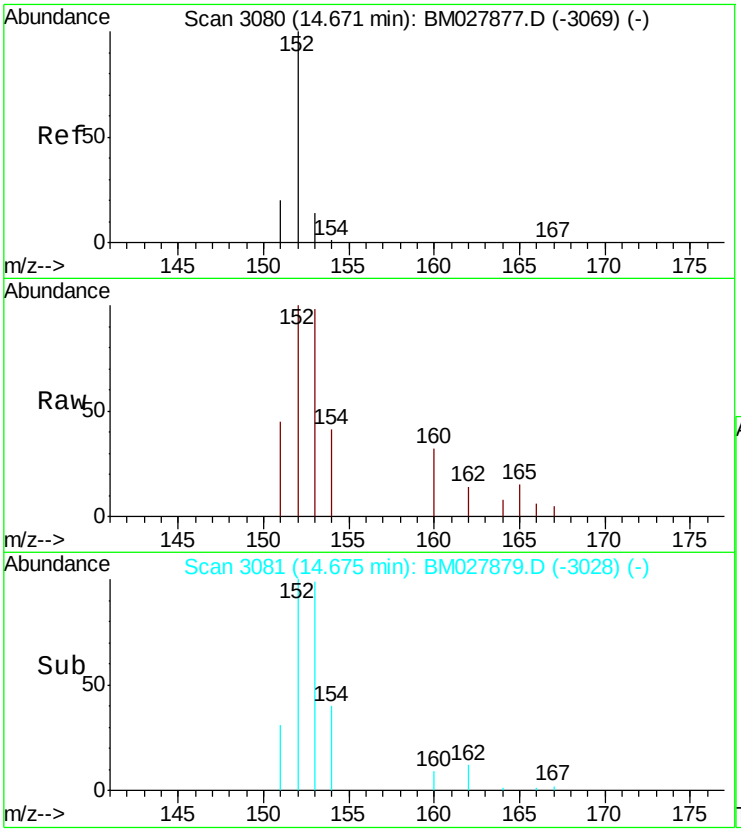


#5
2-Methylnaphthalene
Concen: 25.763 ng/ul
RT: 12.81 min Scan# 2638
Delta R.T. -0.00 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:142 Resp: 166736

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.6	107.4

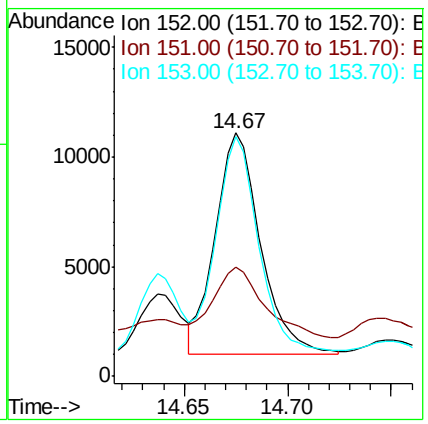




#7
Acenaphthylene
Concen: 0.924 ng/ul
RT: 14.67 min Scan# 3081
Delta R.T. -0.00 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:152 Resp: 15396

Ion	Ratio	Lower	Upper
152	100		
151	44.7	17.1	25.7#
153	98.4	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
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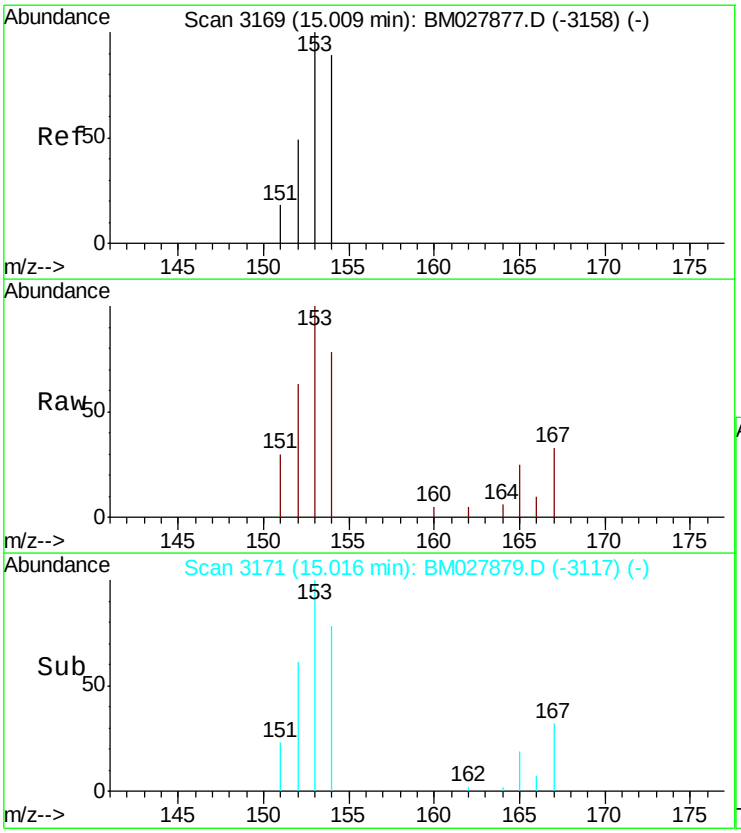
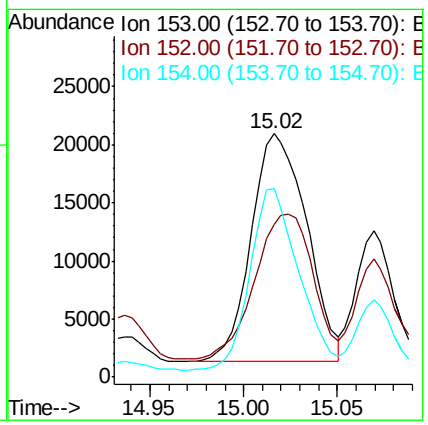
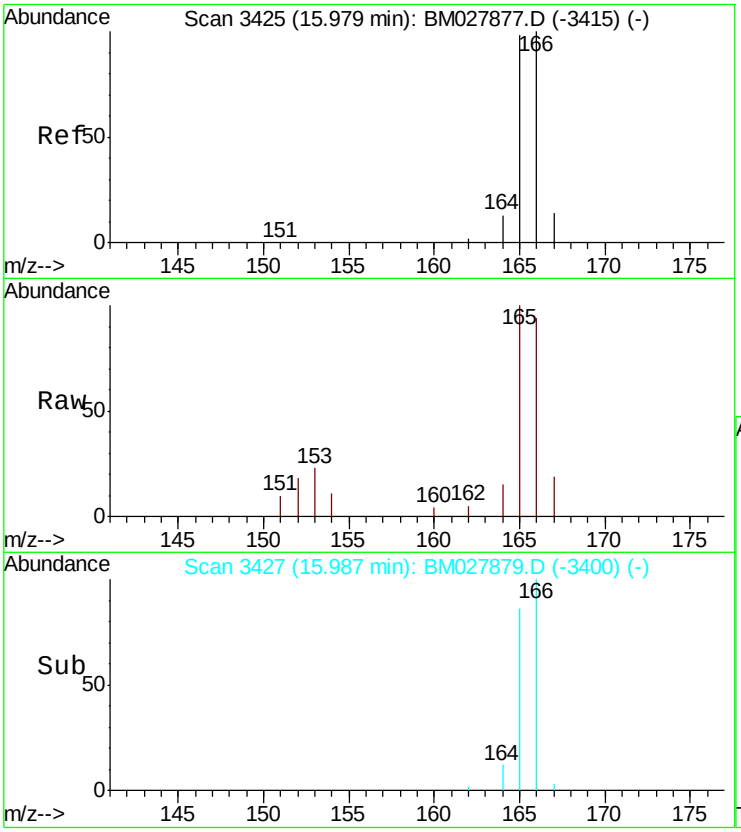


#8
Acenaphthene
Concen: 3.227 ng/ul
RT: 15.02 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:153 Resp: 40294

Ion	Ratio	Lower	Upper
153	100		
152	62.6	39.0	58.6#
154	77.7	71.6	107.4





#9
Fluorene
Concen: 3.778 ng/ul
RT: 15.99 min Scan# 3427
Delta R.T. 0.00 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:166 Resp: 54724

Ion	Ratio	Lower	Upper
166	100		
165	106.7	78.1	117.1
167	20.1	11.8	17.8#

Instrument :
BNA_M
ClientSampleId :
C0AD0

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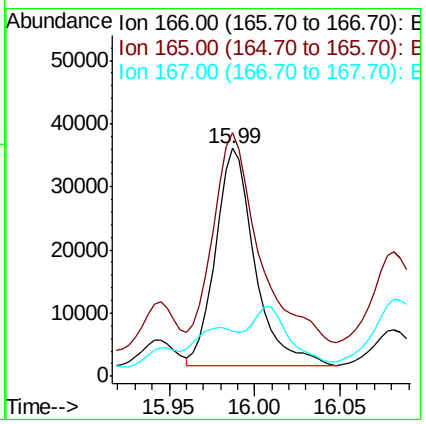
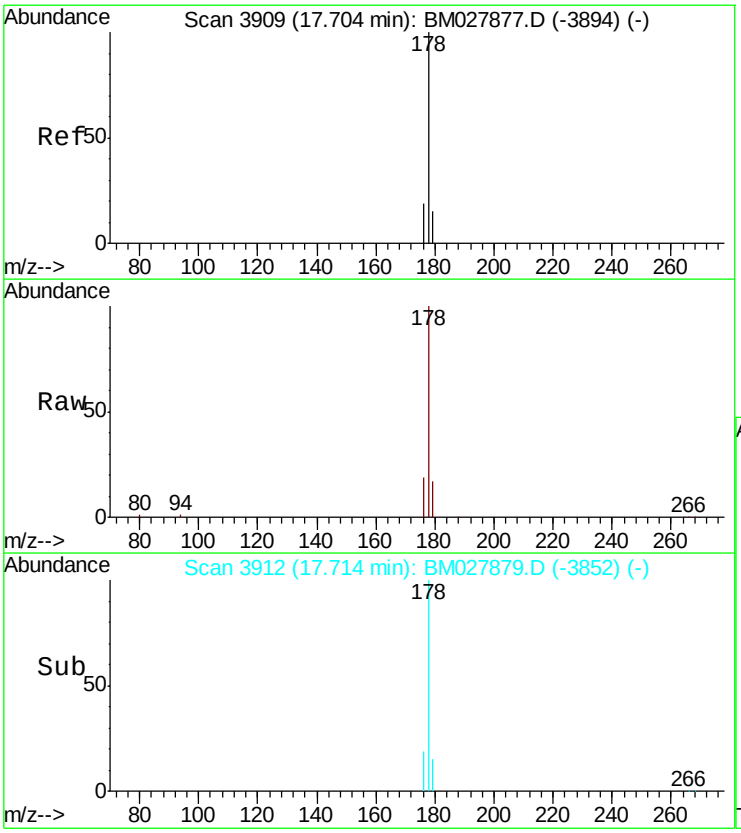
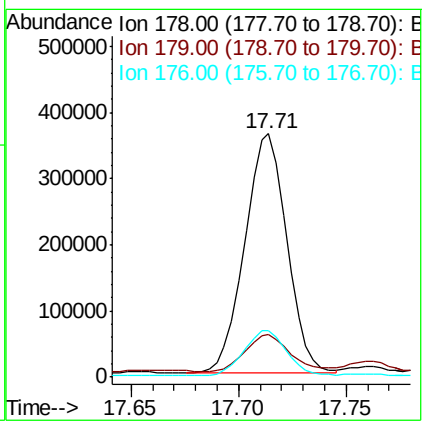


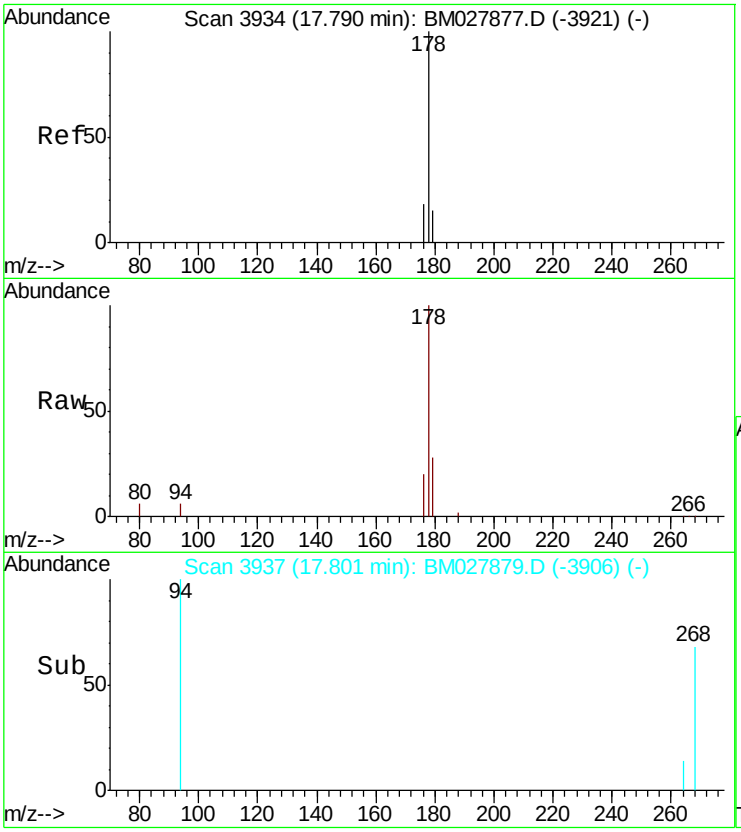


#12
Phenanthrene
Concen: 35.094 ng/ul
RT: 17.71 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:178 Resp: 494764

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.6	20.4
176	19.1	16.1	24.1

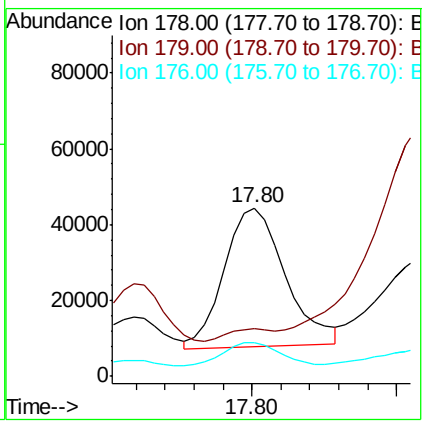




#13
Anthracene
Concen: 3.919 ng/ul m
RT: 17.80 min Scan# 3937
Delta R.T. 0.01 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:178 Resp: 53293

Ion	Ratio	Lower	Upper
178	100		
179	28.0	13.4	20.2#
176	20.4	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
C0AD0

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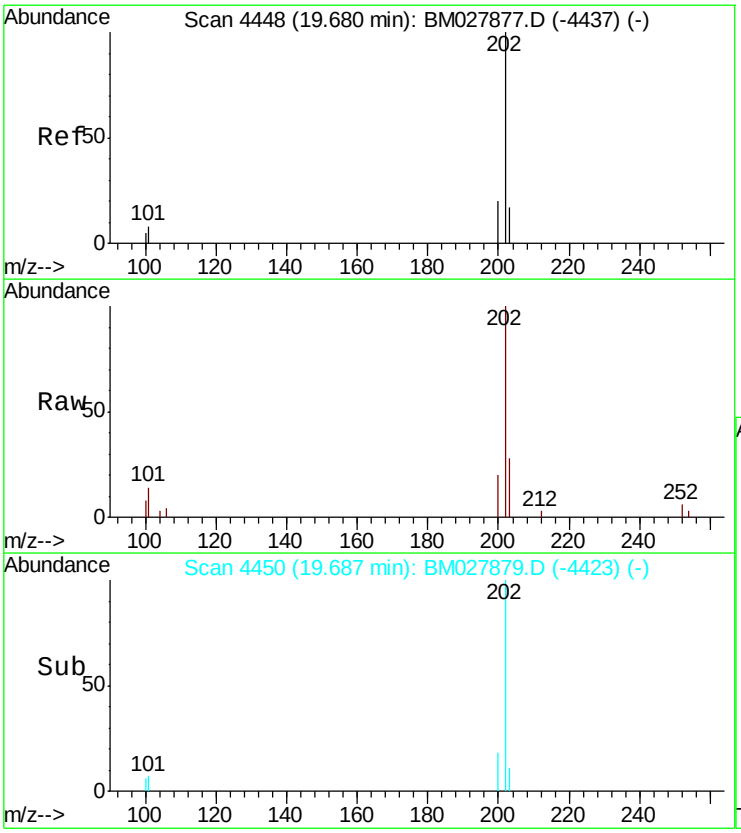
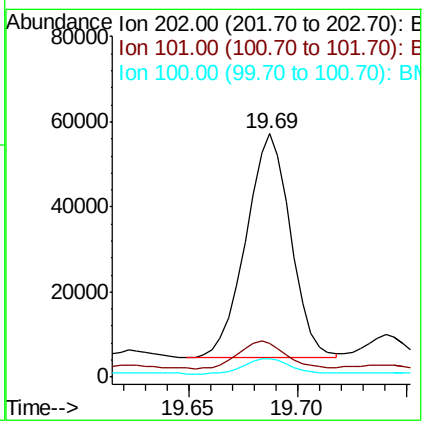
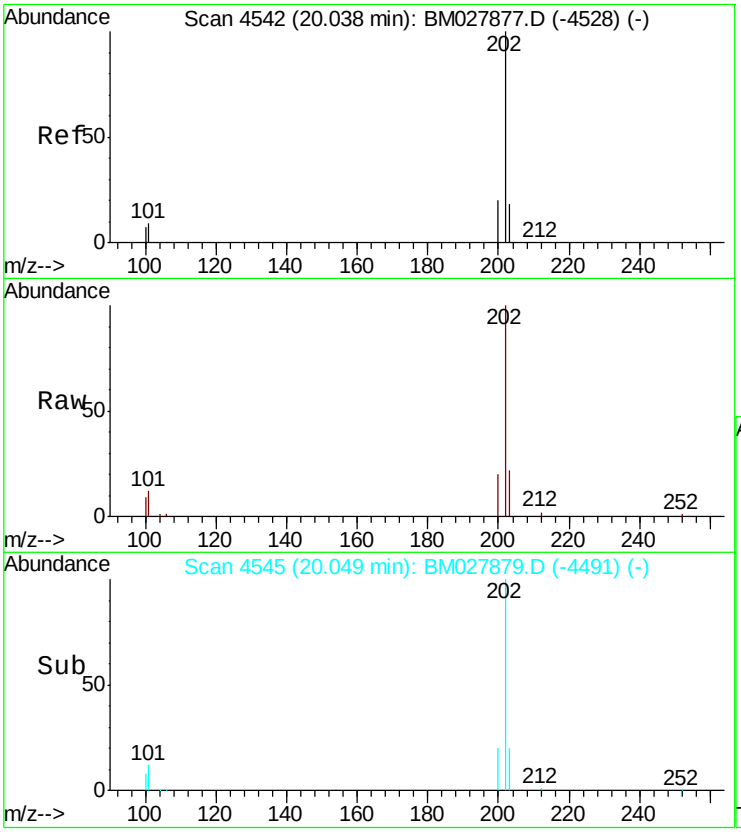


#15
Fluoranthene
Concen: 4.821 ng/ul
RT: 19.69 min Scan# 4450
Delta R.T. 0.00 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:202 Resp: 75359

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	29.3
100	7.8	0.0	27.4





#17
Pyrene
Concen: 21.348 ng/ul
RT: 20.05 min Scan# 4545
Delta R.T. 0.01 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:202 Resp: 450048

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.2	12.2#
100	8.6	6.9	10.3

Instrument :
BNA_M
ClientSampleId :
C0AD0

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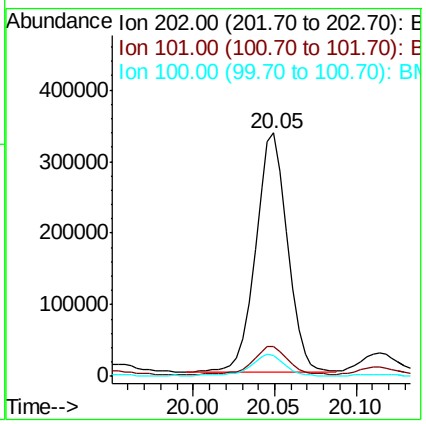
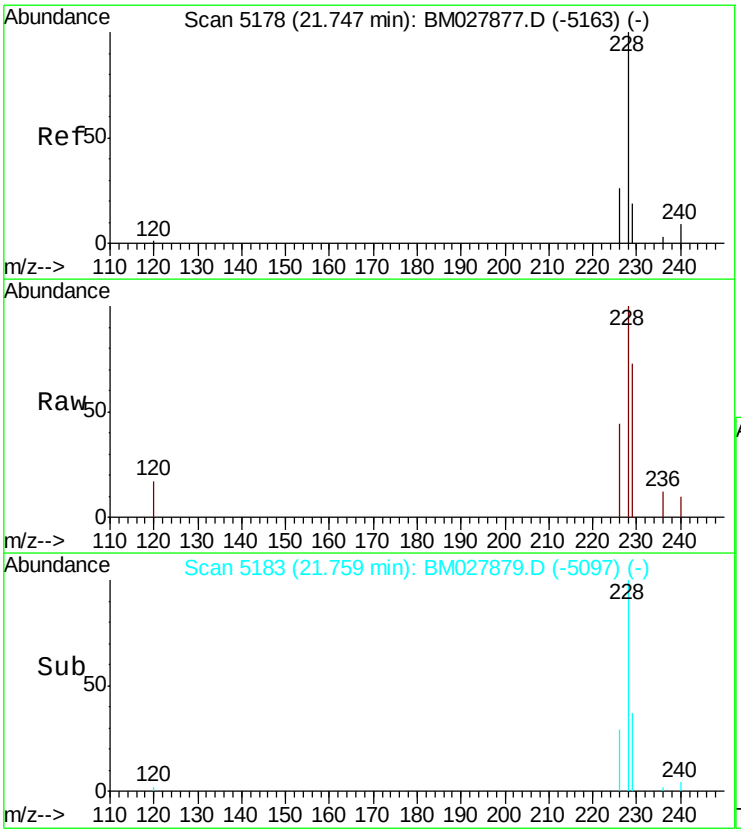
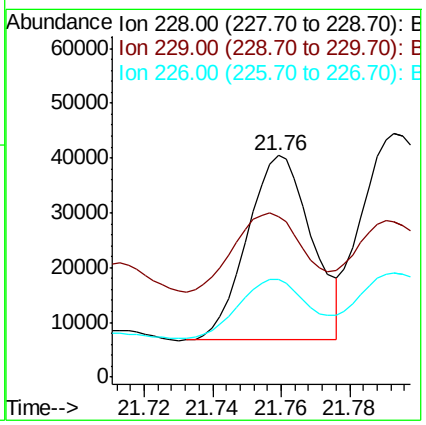


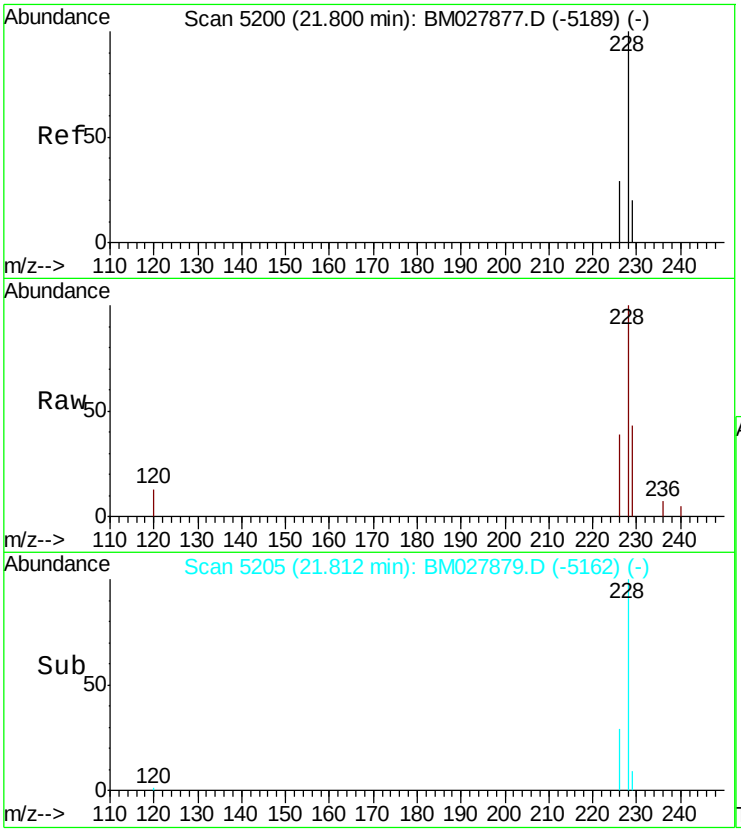


#18
Benzo(a)anthracene
Concen: 2.659 ng/ul
RT: 21.76 min Scan# 5183
Delta R.T. 0.01 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:228 Resp: 44529

Ion	Ratio	Lower	Upper
228	100		
229	72.6	16.2	24.4#
226	43.8	21.5	32.3#





#19
Chrysene
Concen: 3.437 ng/ul
RT: 21.81 min Scan# 5205
Delta R.T. 0.00 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:228 Resp: 56066

Ion	Ratio	Lower	Upper
228	100		
226	39.2	24.1	36.1#
229	43.4	16.6	24.8#

Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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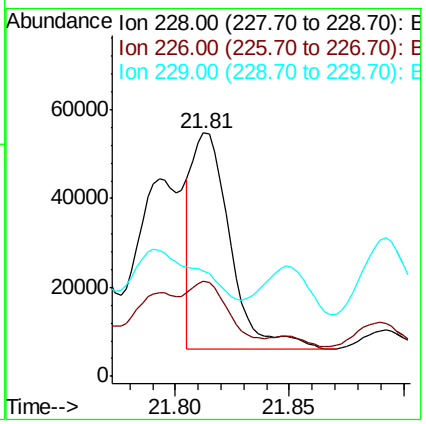
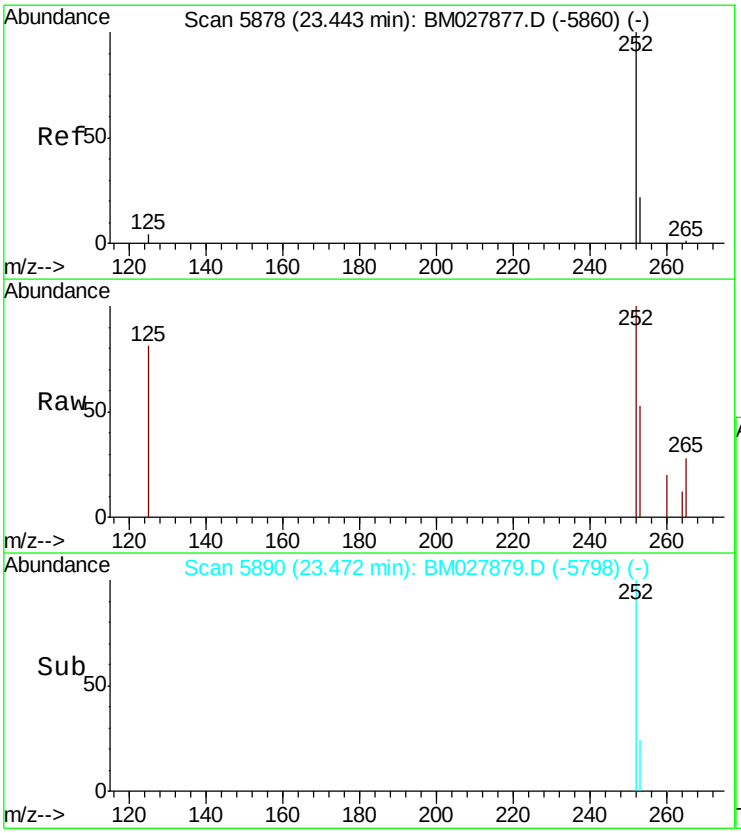
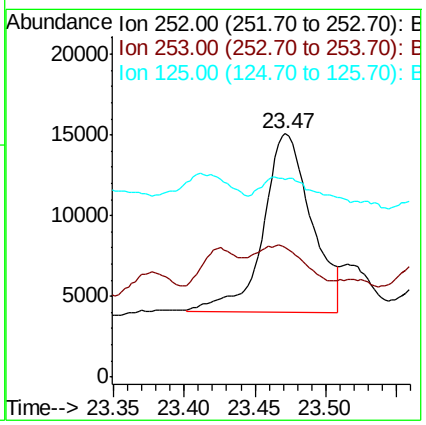


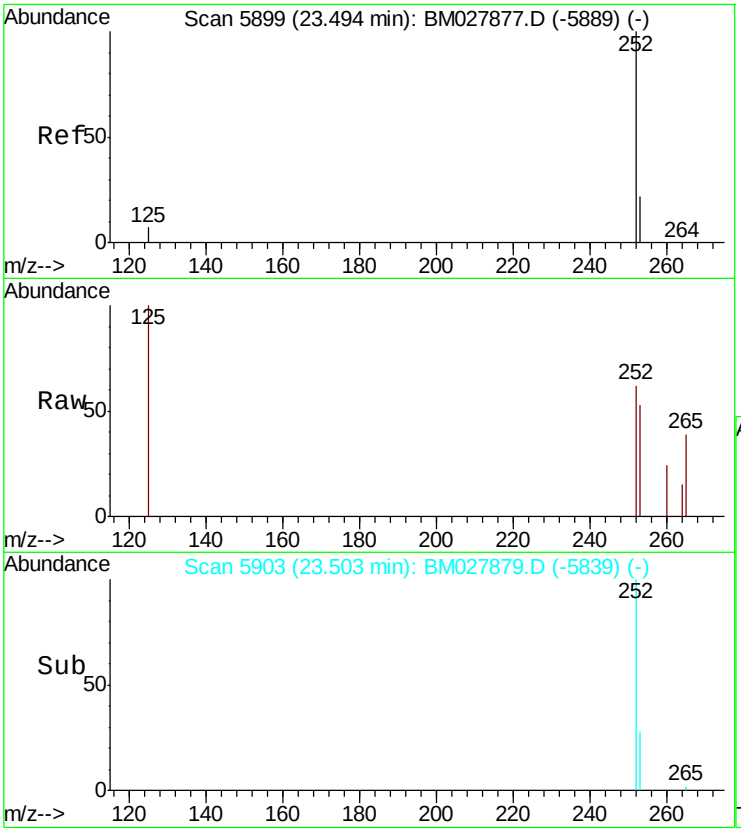


#21
Benzo(b)fluoranthene
Concen: 2.192 ng/ul m
RT: 23.47 min Scan# 5890
Delta R.T. 0.02 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:252 Resp: 26203

Ion	Ratio	Lower	Upper
252	100		
253	53.0	0.0	59.6
125	81.0	0.0	28.4#





#22
Benzo(k)fluoranthene
Concen: 0.390 ng/ul m
RT: 23.50 min Scan# 5903
Delta R.T. 0.00 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:252 Resp: 4567

Ion	Ratio	Lower	Upper
252	100		
253	84.8	23.2	34.8#
125	160.4	11.8	17.6#

Instrument :
BNA_M
ClientSampleId :
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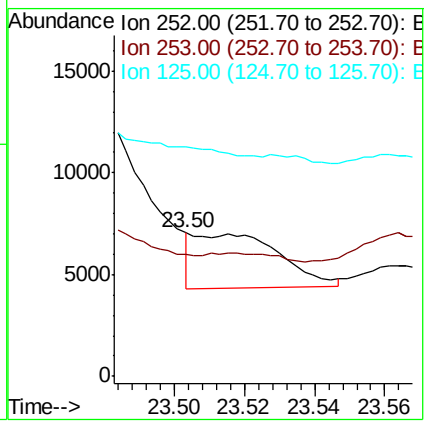
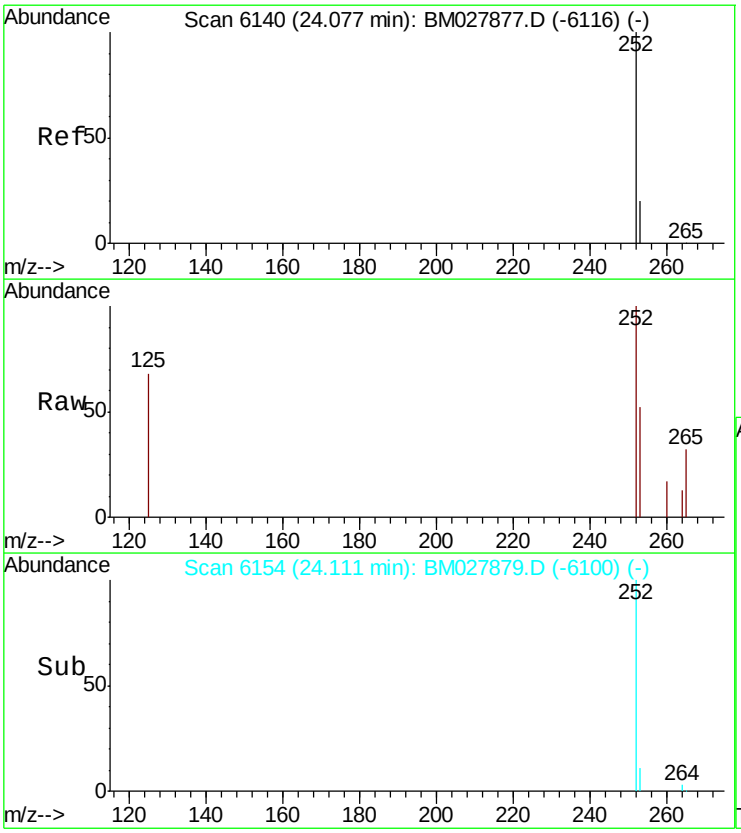
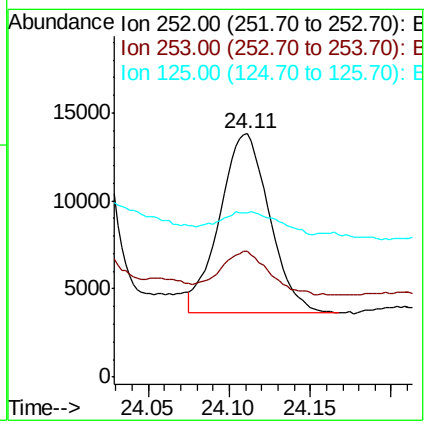


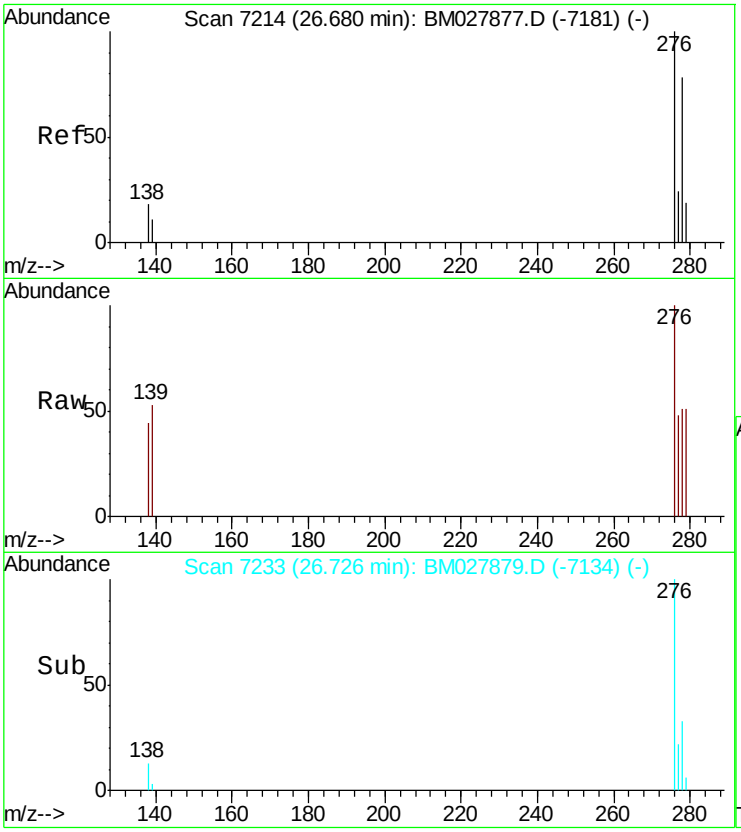


#23
Benzo(a)pyrene
Concen: 2.070 ng/ul
RT: 24.11 min Scan# 6154
Delta R.T. 0.03 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:252 Resp: 21640

Ion	Ratio	Lower	Upper
252	100		
253	51.7	25.2	37.8#
125	67.7	13.8	20.6#

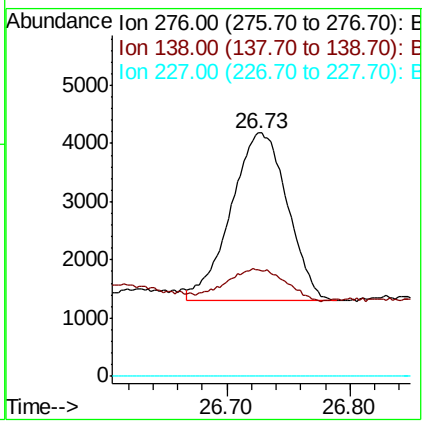




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.818 ng/ul
RT: 26.73 min Scan# 7233
Delta R.T. 0.04 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:276 Resp: 9259

Ion	Ratio	Lower	Upper
276	100		
138	20.8	15.7	23.5
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
C0AD0

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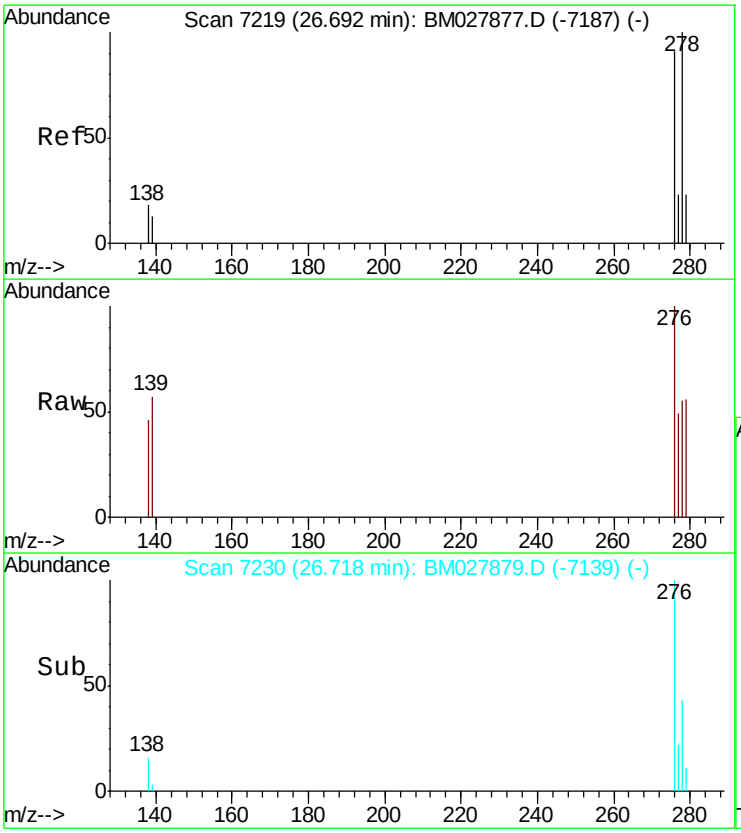
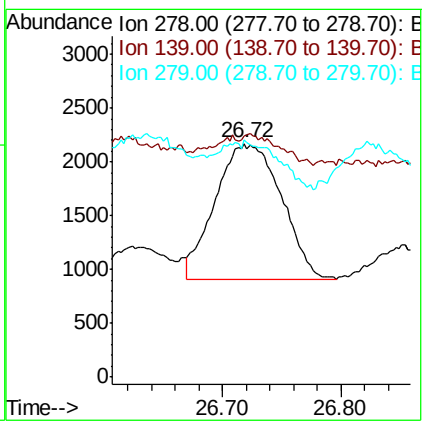
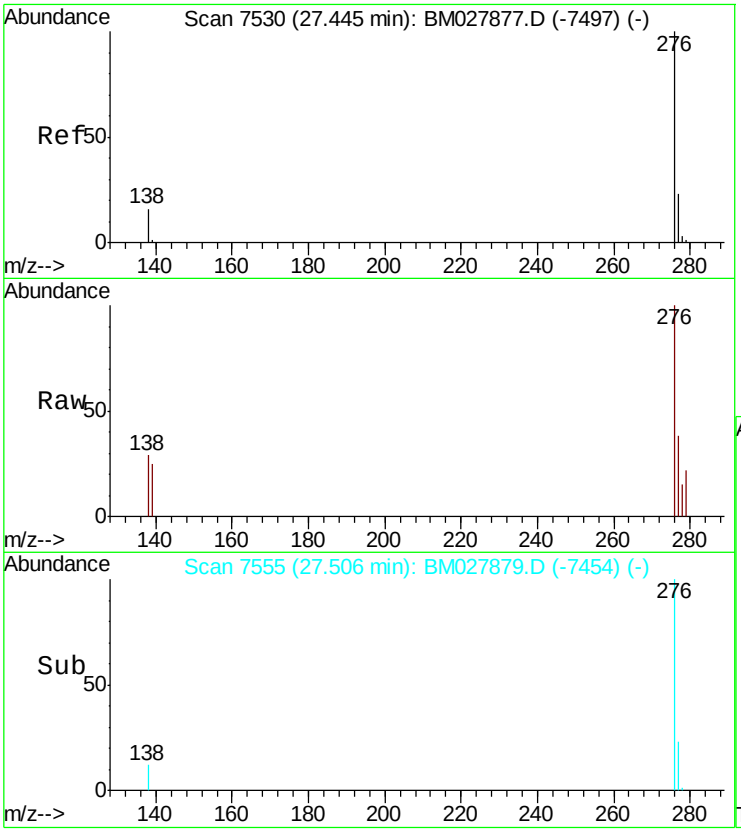


#25
Dibenzo(a,h)anthracene
Concen: 0.513 ng/ul
RT: 26.72 min Scan# 7230
Delta R.T. 0.02 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:278 Resp: 4838

Ion	Ratio	Lower	Upper
278	100		
139	103.3	14.8	22.2#
279	101.8	25.8	38.6#

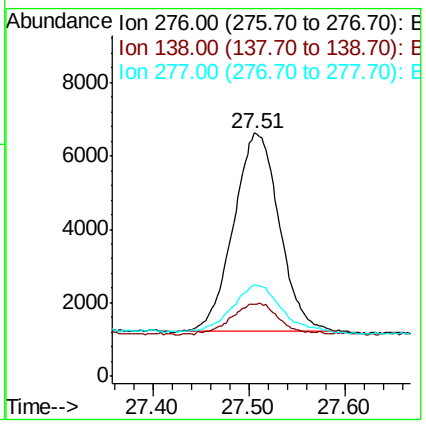




#26
Benzo(g,h,i)perylene
Concen: 1.877 ng/ul
RT: 27.51 min Scan# 7555
Delta R.T. 0.04 min
Lab File: BM027879.D
Acq: 21 Nov 2020 13:45

Tgt Ion:276 Resp: 17821

Ion	Ratio	Lower	Upper
276	100		
138	29.5	17.4	26.2#
277	37.7	22.5	33.7#



Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:35 AM