Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027901.D
Acq On : 22 Nov 2020 04:24
Operator : JU/CG
Sample : L4711-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Quant Time: Nov 23 06:00:29 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 : Mon Nov 23 05:39:07 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0BF3

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1374	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	5316	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2961	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4560m	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2688	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2468	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2438	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3137	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	1080	0.068	ng/ul#	88
5) 2-Methylnaphthalene	12.80	142	661	0.061	ng/ul	98
7) Acenaphthylene	14.68	152	628	0.043	ng/ul#	77
8) Acenaphthene	15.01	153	905	0.084	ng/ul	96
9) Fluorene	15.98	166	708	0.056	ng/ul#	96
11) Pentachlorophenol	17.30	266	49	0.032	ng/ul	99
12) Phenanthrene	17.70	178	13778	0.956	ng/ul	98
13) Anthracene	17.79	178	2628	0.189	ng/ul	94
15) Fluoranthene	19.68	202	34500	2.160	ng/ul	99
17) Pyrene	20.04	202	28803	2.110	ng/ul	98
18) Benzo(a)anthracene	21.74	228	14007	1.292	ng/ul	99
19) Chrysene	21.80	228	17308	1.638	ng/ul	99
21) Benzo(b)fluoranthene	23.44	252	21645m	2.087	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	8638m	0.850	ng/ul	
23) Benzo(a)pyrene	24.07	252	14732	1.624	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	26.68	276	10864	1.106	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.68	278	2746	0.336	ng/ul#	62
26) Benzo(g,h,i)perylene	27.45	276	10595	1.286	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027901.D
Acq On : 22 Nov 2020 04:24
Operator : JU/CG
Sample : L4711-06
Misc :
ALS Vial : 55 Sample Multiplier: 1

Quant Time: Nov 23 06:00:29 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 : Mon Nov 23 05:39:07 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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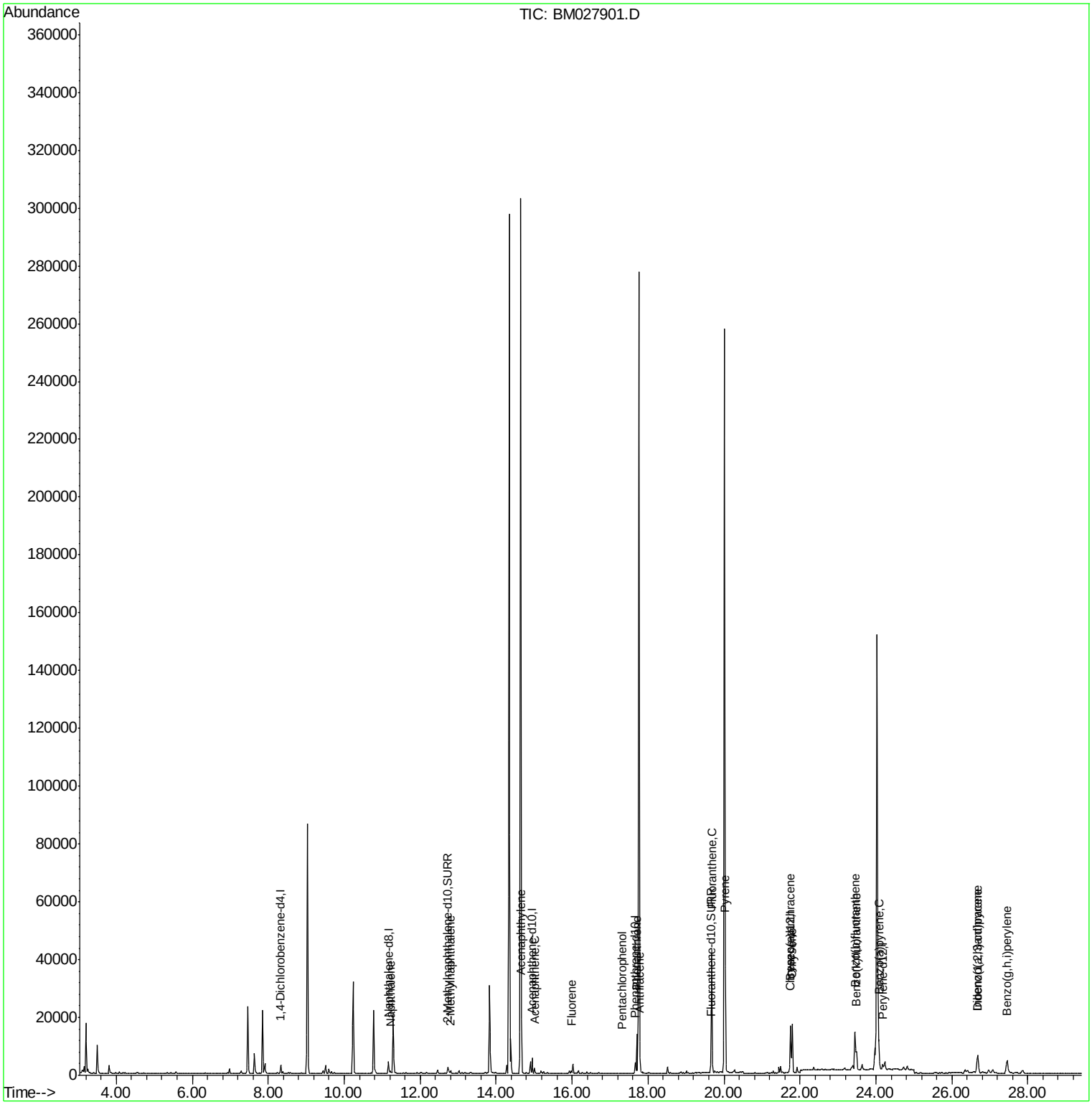

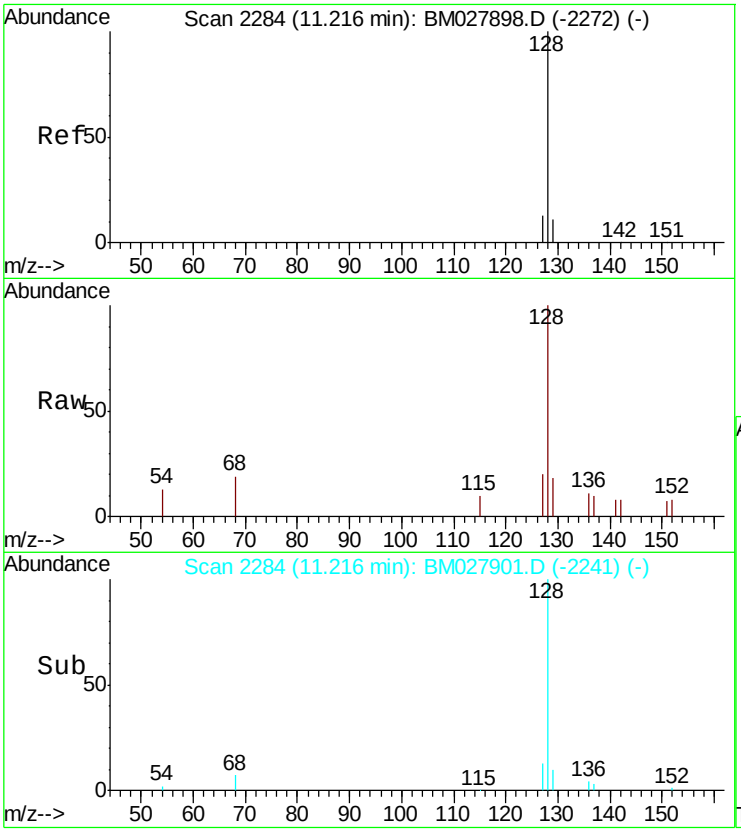

#3
Naphthalene
Concen: 0.068 ng/ul
RT: 11.22 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:128 Resp: 1080

Ion	Ratio	Lower	Upper
128	100		
129	18.0	10.4	15.6#
127	19.9	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
C0BF3

Manual Integrations APPROVED
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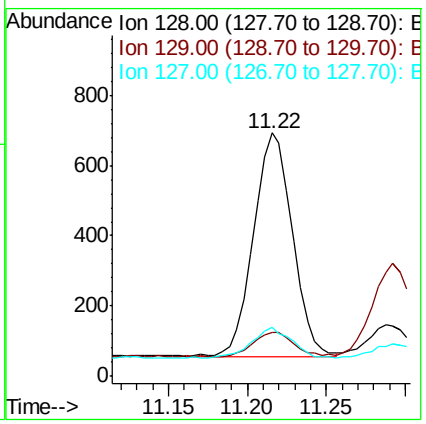
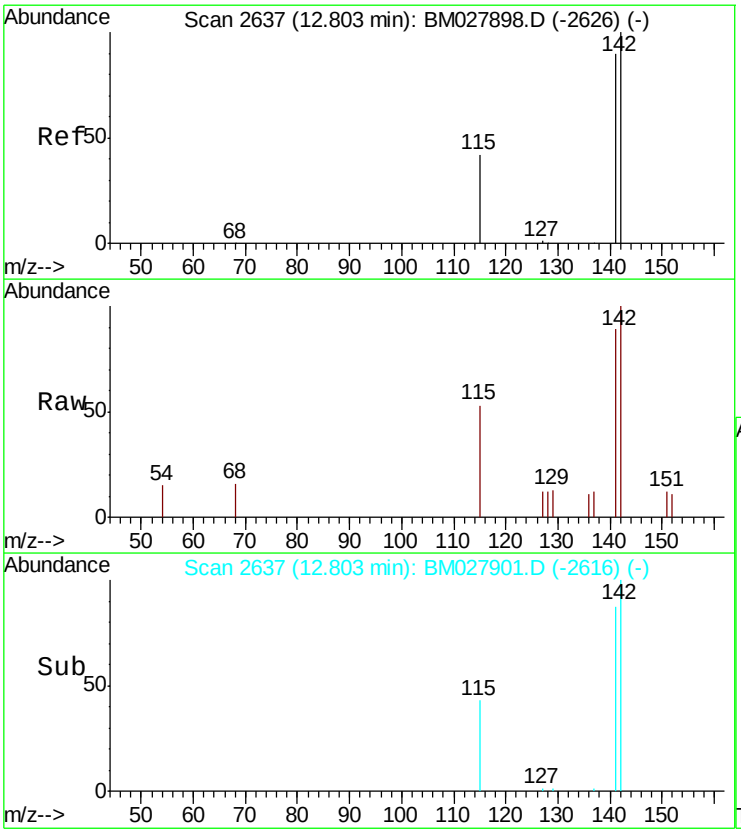
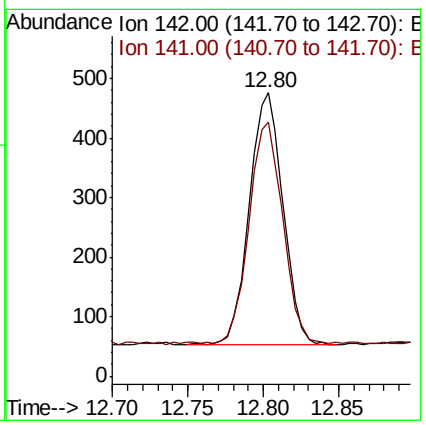


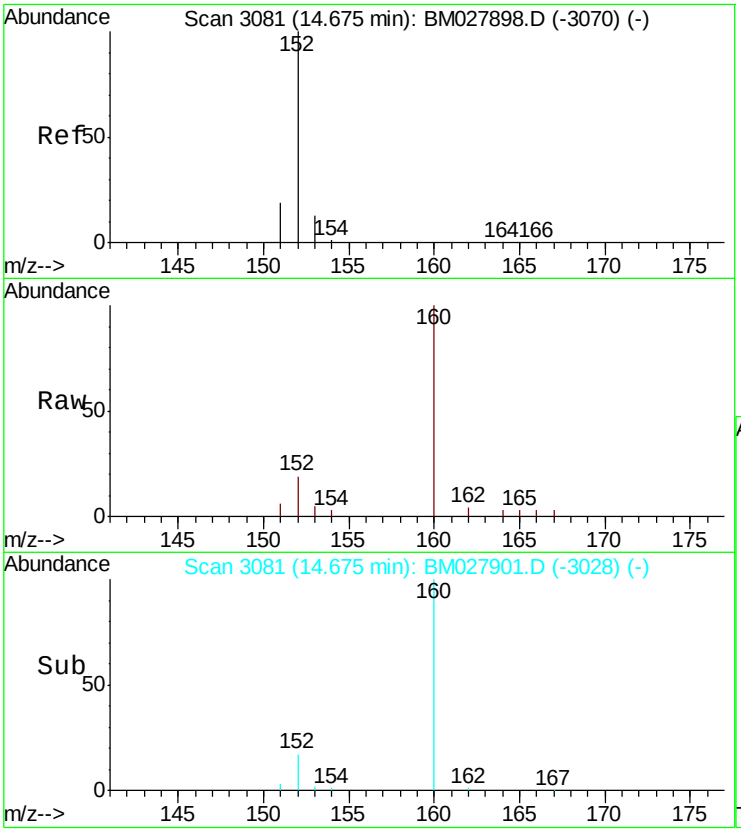


#5
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.80 min Scan# 2637
Delta R.T. -0.00 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:142 Resp: 661

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.6	107.4





#7
Acenaphthylene
Concen: 0.043 ng/ul
RT: 14.68 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:152 Resp: 628

Ion	Ratio	Lower	Upper
152	100		
151	30.9	17.1	25.7#
153	26.0	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
C0BF3

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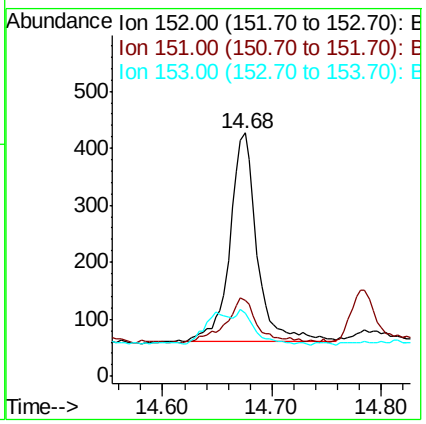
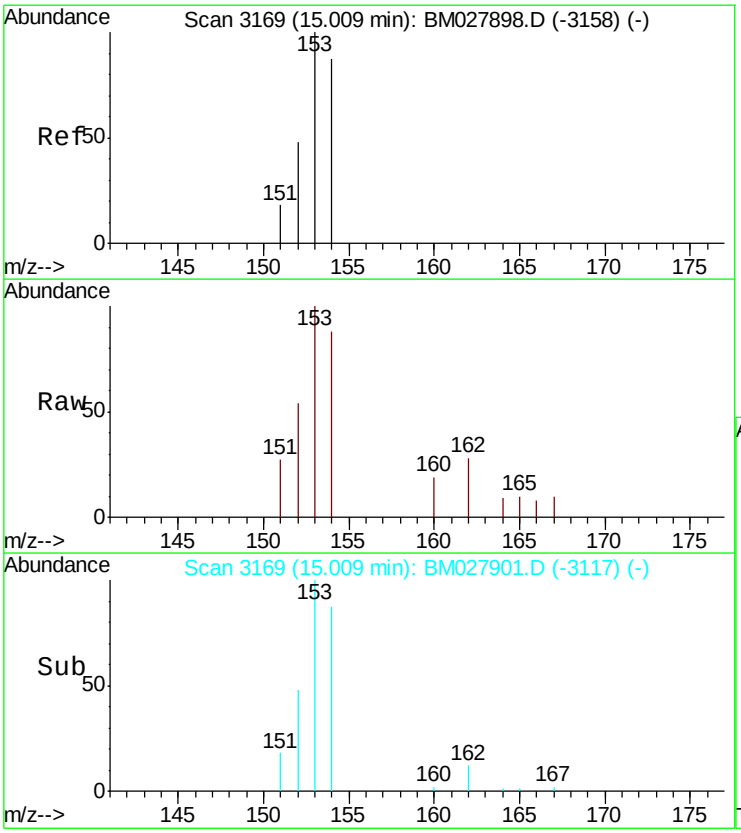
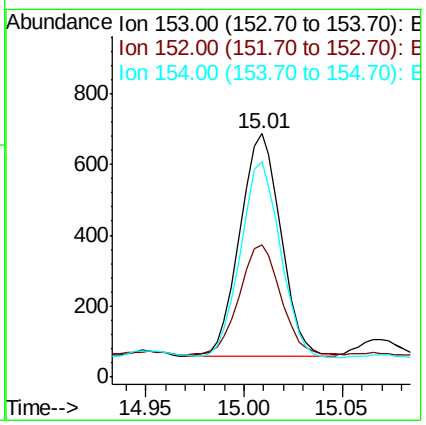


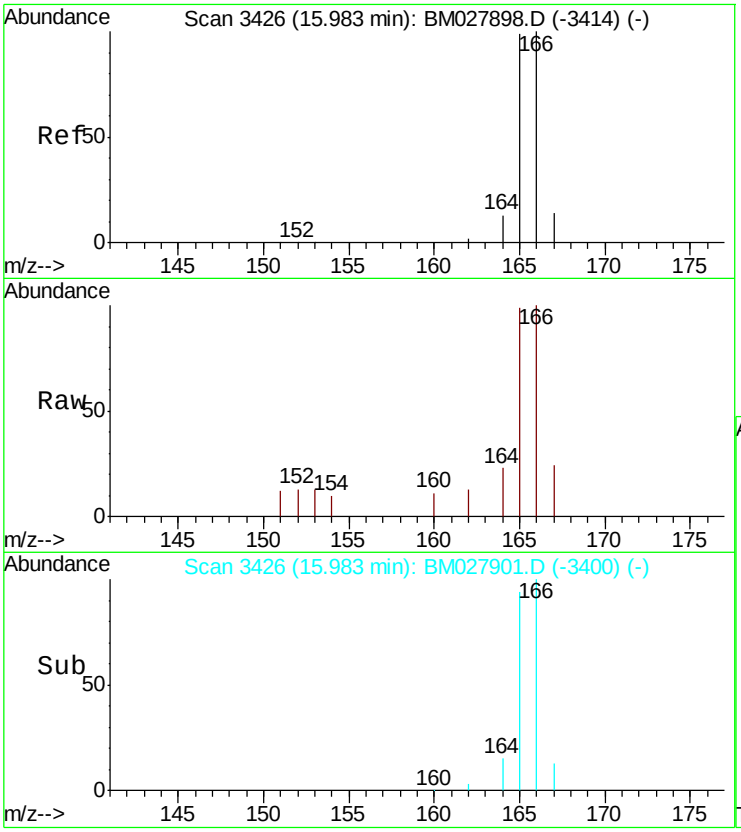


#8
Acenaphthene
Concen: 0.084 ng/ul
RT: 15.01 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:153 Resp: 905

Ion	Ratio	Lower	Upper
153	100		
152	54.1	39.0	58.6
154	88.4	71.6	107.4

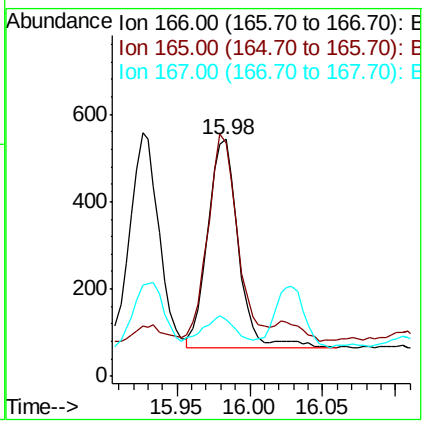




#9
Fluorene
Concen: 0.056 ng/ul
RT: 15.98 min Scan# 3426
Delta R.T. 0.00 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:166 Resp: 708

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.1	117.1
167	23.8	11.8	17.8#



Instrument :
BNA_M
ClientSampleId :
C0BF3

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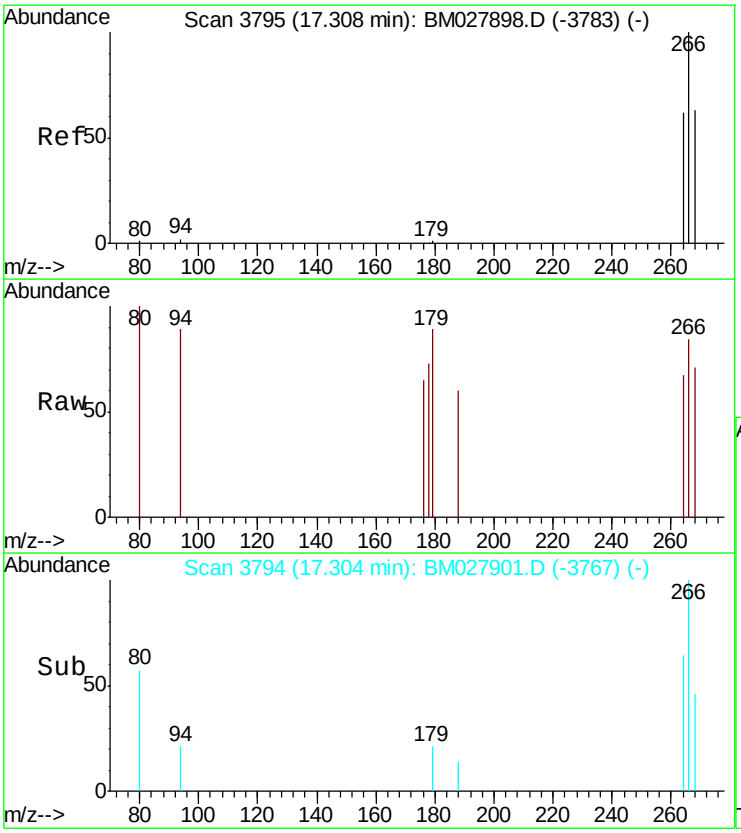
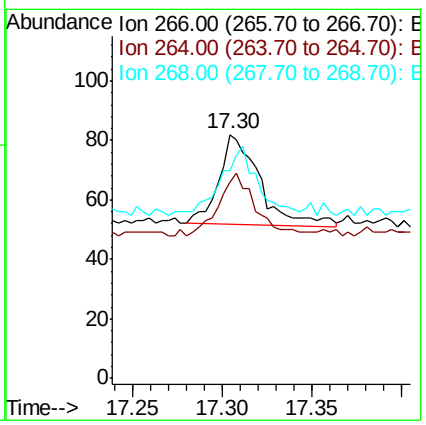
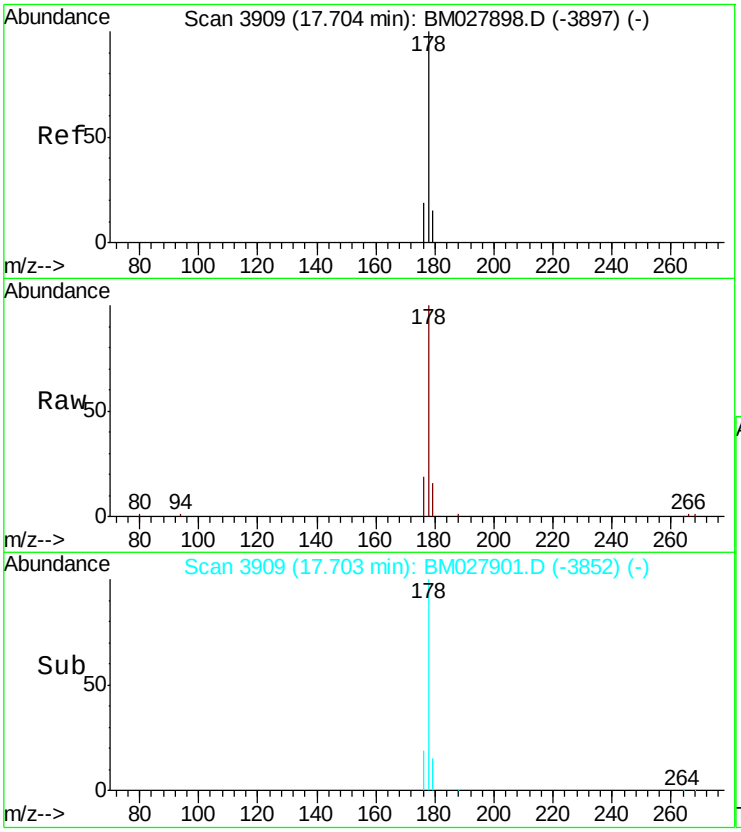


#11
Pentachlorophenol
Concen: 0.032 ng/ul
RT: 17.30 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:266 Resp: 49

Ion	Ratio	Lower	Upper
266	100		
264	61.2	49.6	74.4
268	65.3	52.1	78.1

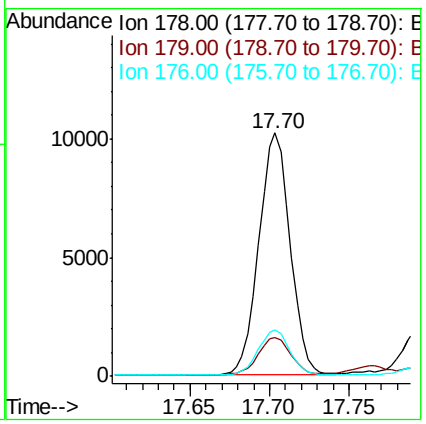




#12
Phenanthrene
Concen: 0.956 ng/ul
RT: 17.70 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:178 Resp: 13778

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.6	20.4
176	19.1	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
C0BF3

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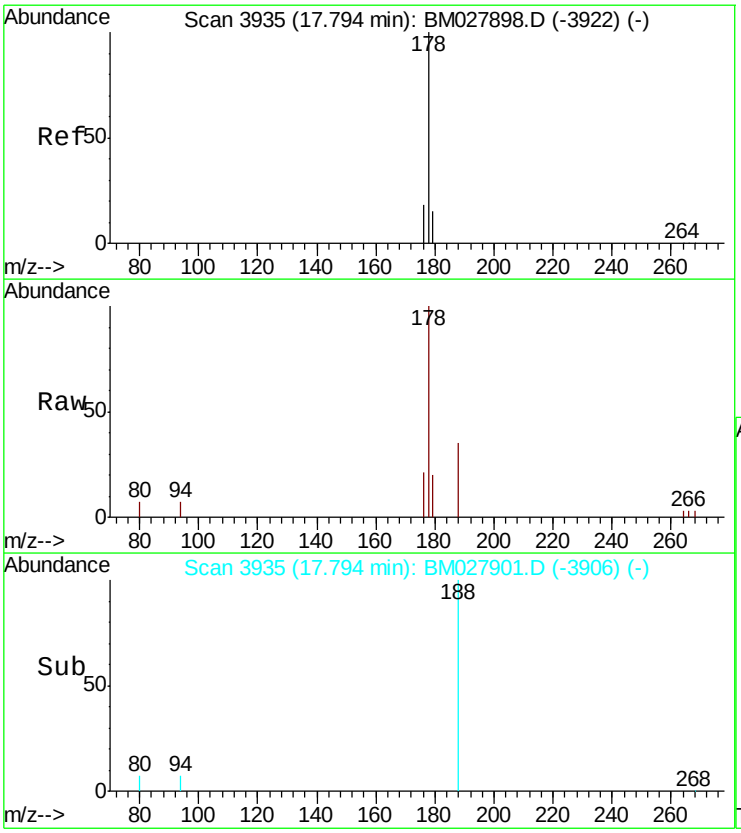
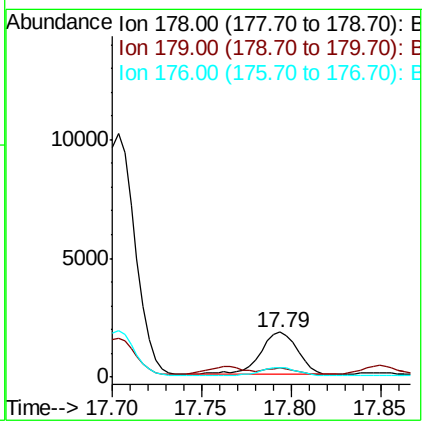
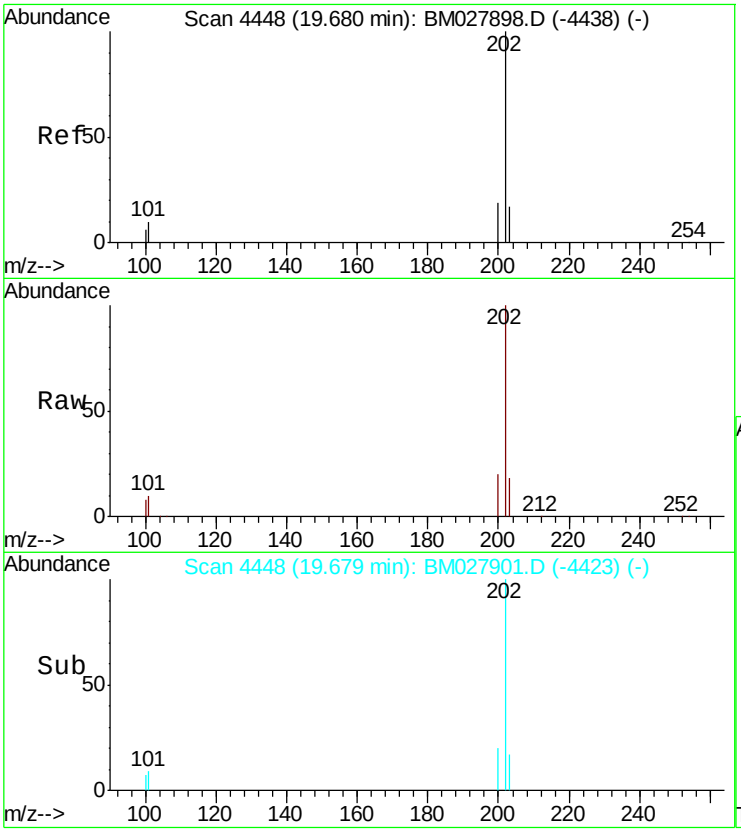


#13
Anthracene
Concen: 0.189 ng/ul
RT: 17.79 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:178 Resp: 2628

Ion	Ratio	Lower	Upper
178	100		
179	19.8	13.4	20.2
176	21.1	15.0	22.6

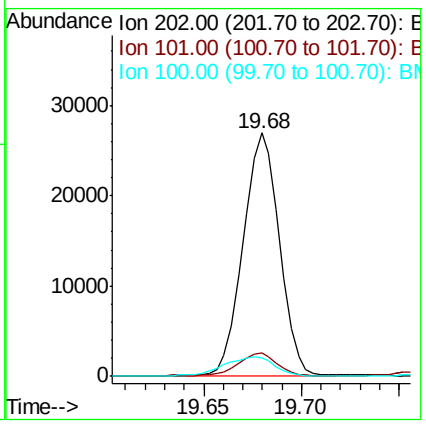




#15
Fluoranthene
Concen: 2.160 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. -0.00 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:202 Resp: 34500

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.3
100	7.7	0.0	27.4



Instrument :
BNA_M
ClientSampleId :
C0BF3

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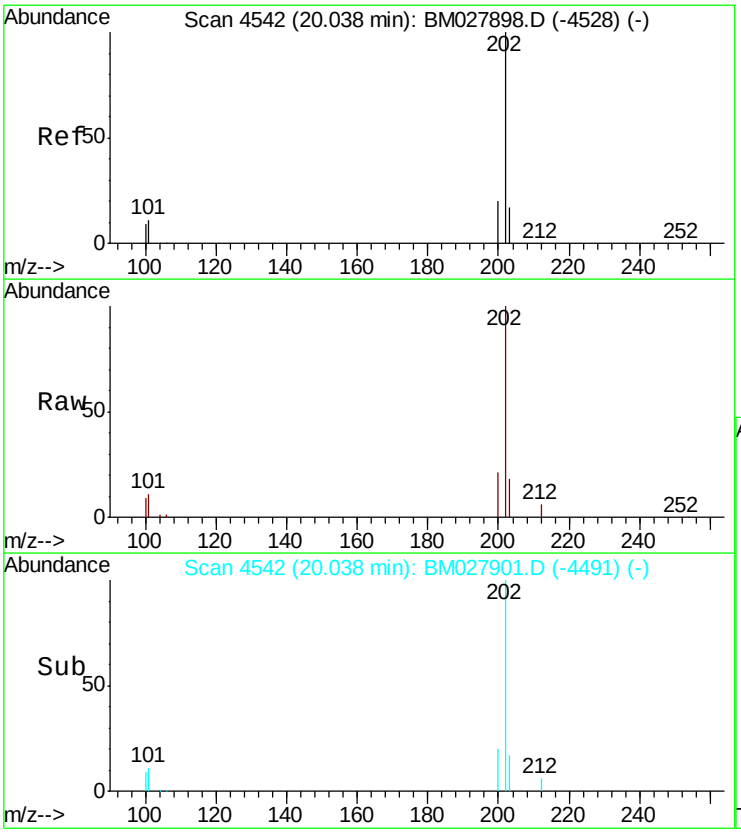
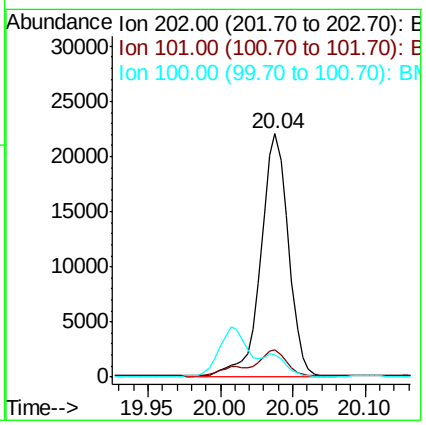
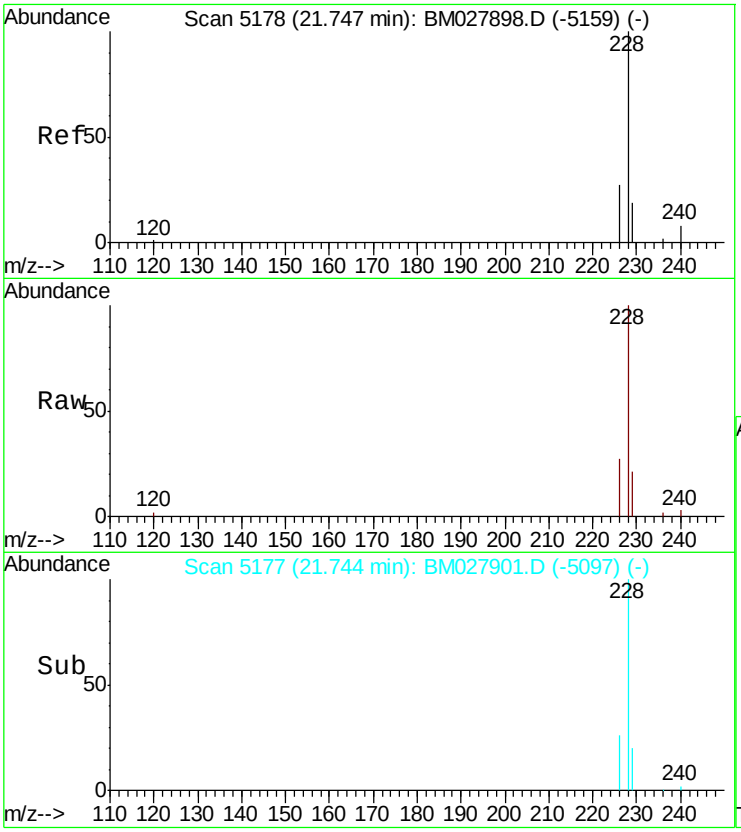


#17
Pyrene
Concen: 2.110 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. -0.00 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:202 Resp: 28803

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.2	12.2
100	9.0	6.9	10.3

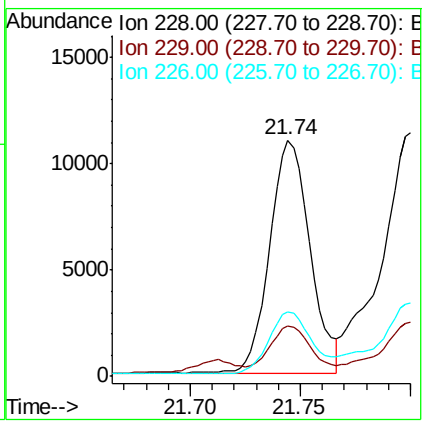




#18
Benzo(a)anthracene
Concen: 1.292 ng/ul
RT: 21.74 min Scan# 5177
Delta R.T. -0.01 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:228 Resp: 14007

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.4
226	27.2	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
C0BF3

Manual Integrations APPROVED
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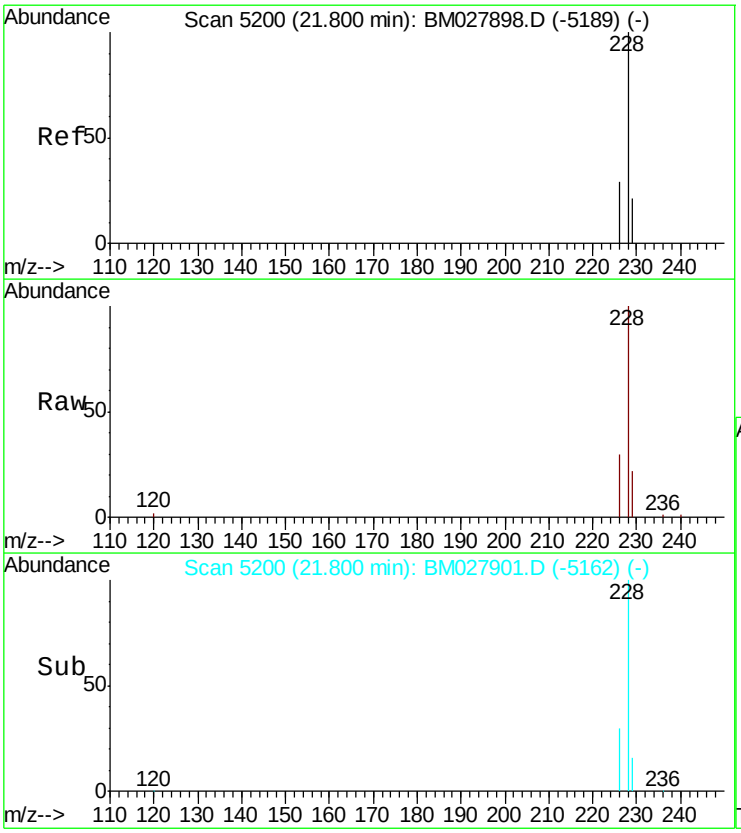
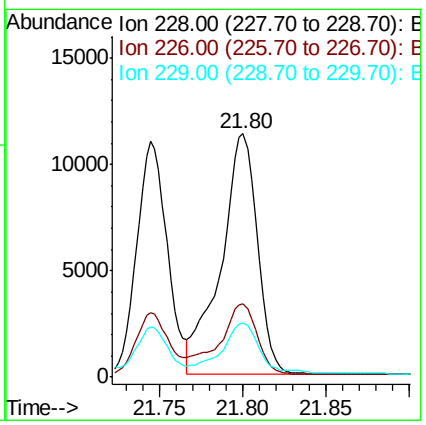
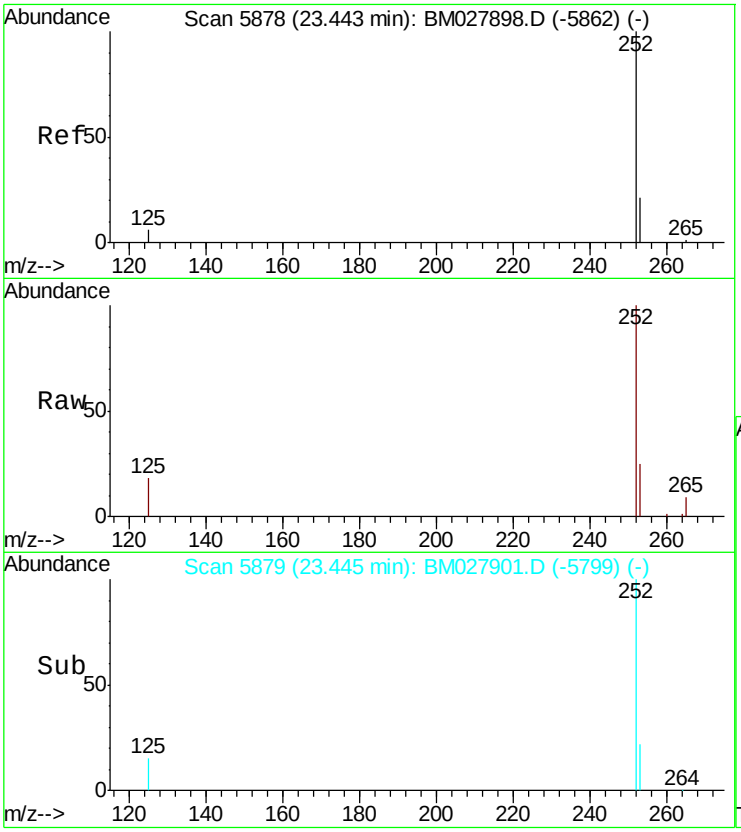


#19
Chrysene
Concen: 1.638 ng/ul
RT: 21.80 min Scan# 5200
Delta R.T. -0.01 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:228 Resp: 17308

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	22.3	16.6	24.8

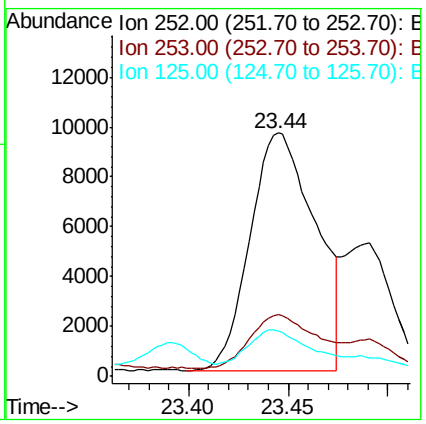




#21
Benzo(b)fluoranthene
Concen: 2.087 ng/ul m
RT: 23.44 min Scan# 5879
Delta R.T. -0.01 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:252 Resp: 21645

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	59.6
125	18.4	0.0	28.4



Instrument :
BNA_M
ClientSampleId :
C0BF3

Manual Integrations APPROVED
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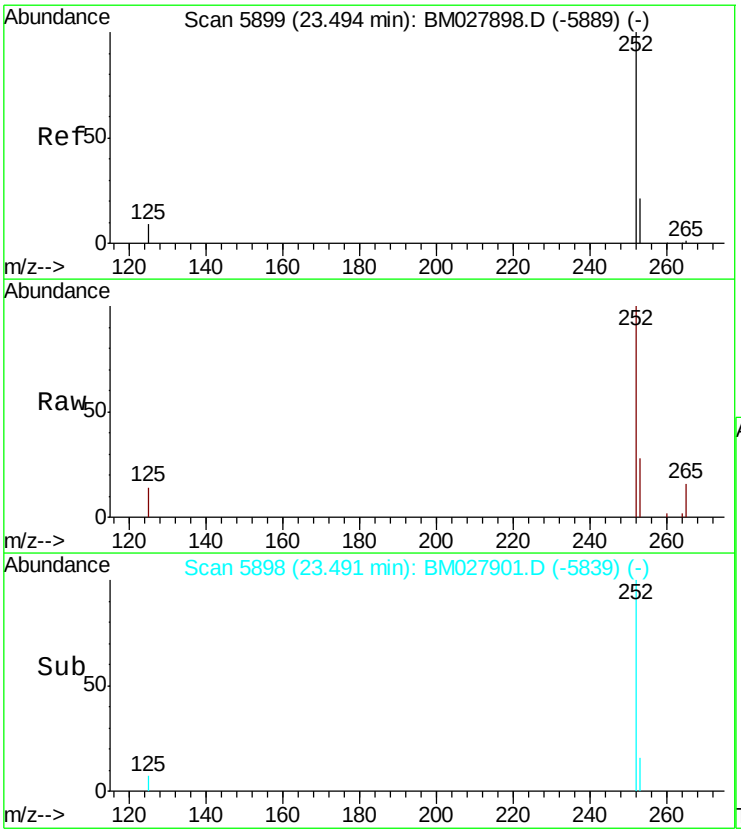
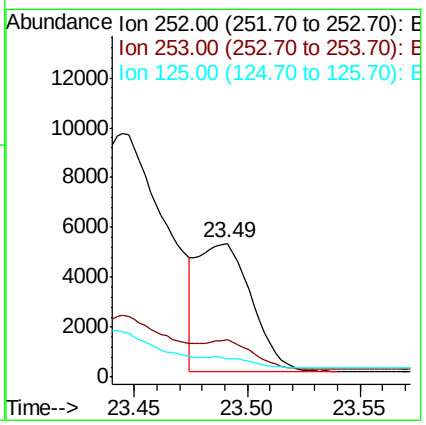
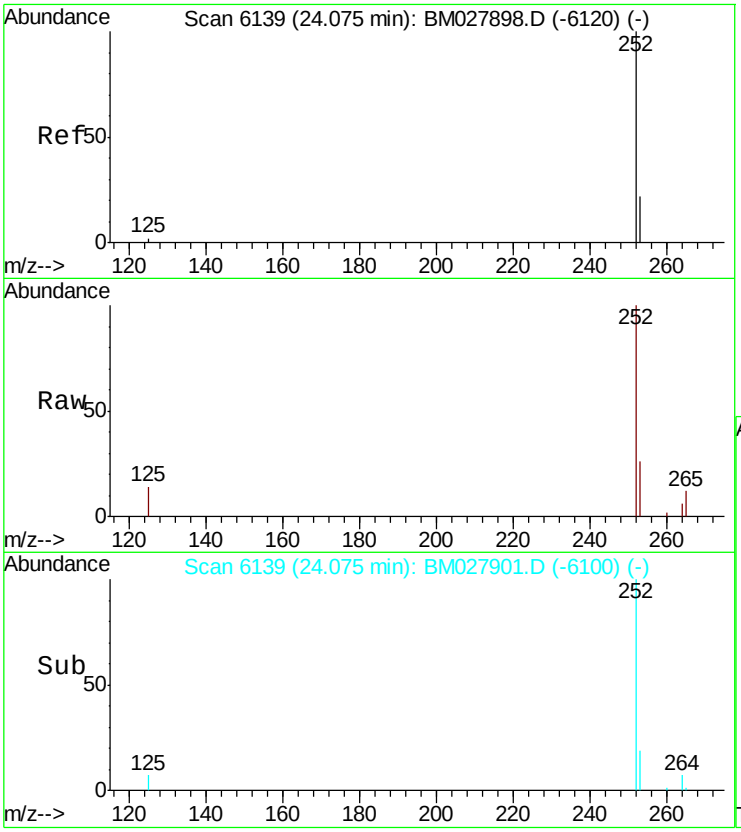


#22
Benzo(k)fluoranthene
Concen: 0.850 ng/ul m
RT: 23.49 min Scan# 5898
Delta R.T. -0.01 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:252 Resp: 8638

Ion	Ratio	Lower	Upper
252	100		
253	27.8	23.2	34.8
125	14.0	11.8	17.6

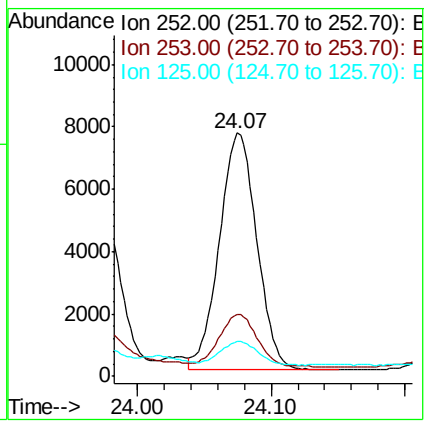




#23
Benzo(a)pyrene
Concen: 1.624 ng/ul
RT: 24.07 min Scan# 6139
Delta R.T. -0.01 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:252 Resp: 14732

Ion	Ratio	Lower	Upper
252	100		
253	25.7	25.2	37.8
125	14.3	13.8	20.6



Instrument :
BNA_M
ClientSampleId :
C0BF3

Manual Integrations APPROVED
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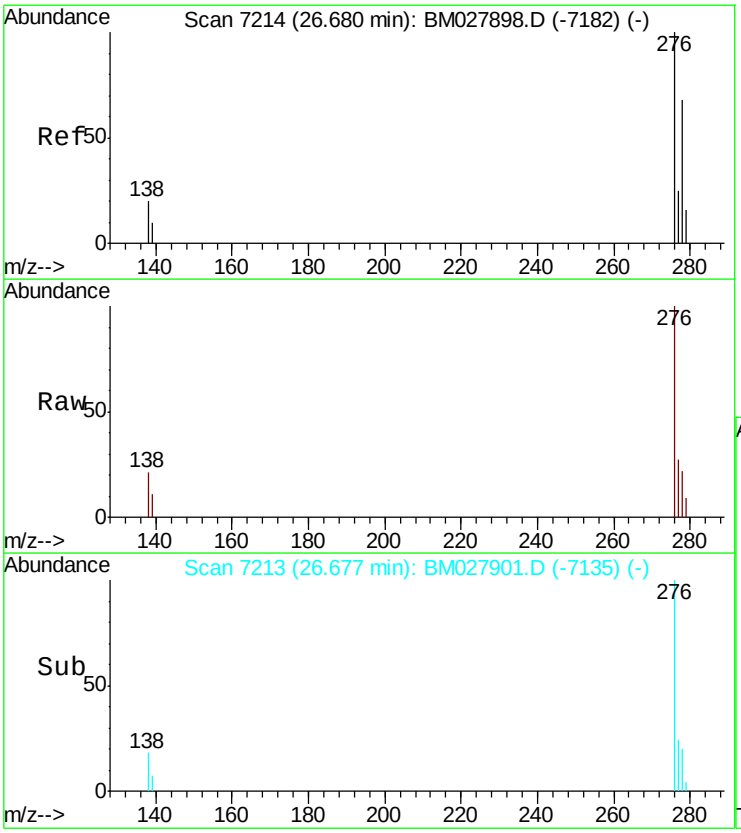
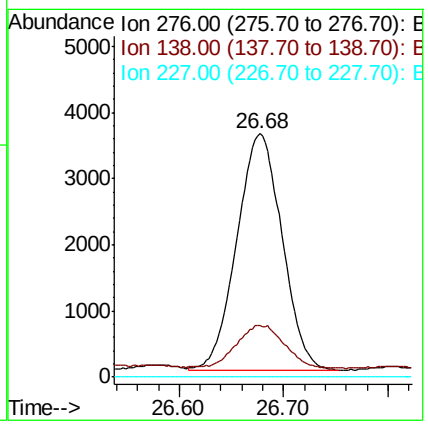
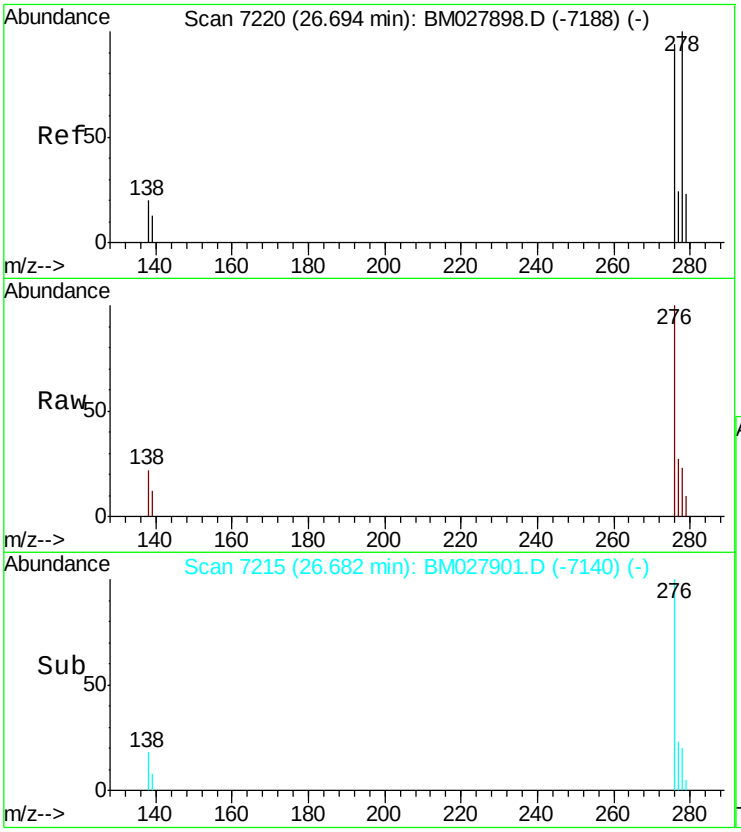


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.106 ng/ul
RT: 26.68 min Scan# 7213
Delta R.T. -0.01 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:276 Resp: 10864

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.7	23.5
227	0.0	0.0	0.0

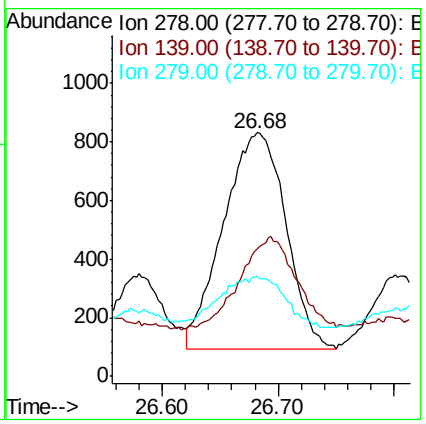




#25
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.02 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

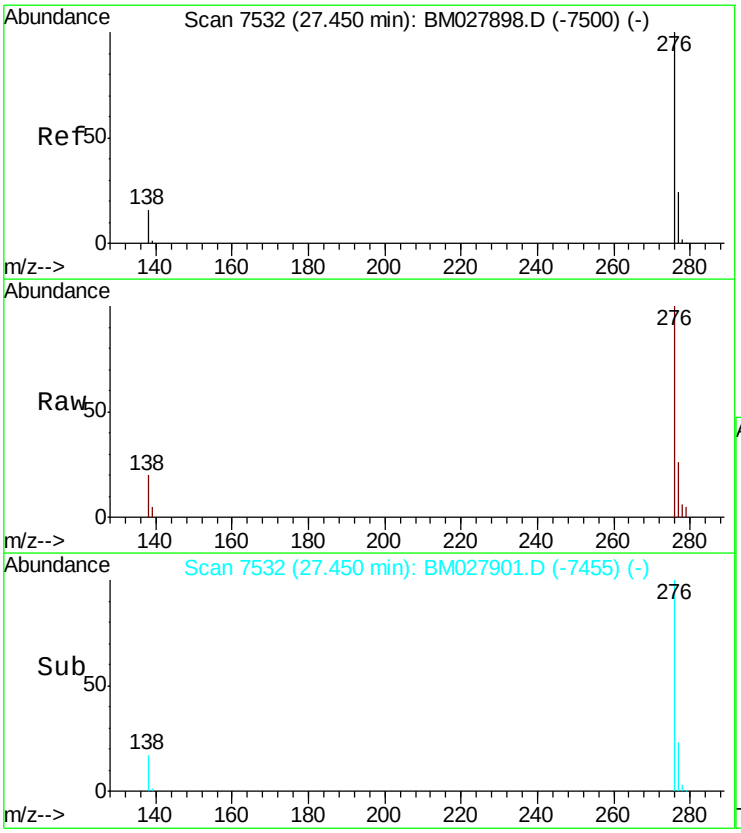
Tgt Ion:278 Resp: 2746

Ion	Ratio	Lower	Upper
278	100		
139	52.3	14.8	22.2#
279	41.0	25.8	38.6#



Instrument :
BNA_M
ClientSampleId :
C0BF3

Manual Integrations APPROVED
mohammad
11/24/2020 8:59:32 AM



#26
Benzo(g,h,i)perylene
Concen: 1.286 ng/ul
RT: 27.45 min Scan# 7532
Delta R.T. -0.01 min
Lab File: BM027901.D
Acq: 22 Nov 2020 04:24

Tgt Ion:276 Resp: 10595

Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.4	26.2
277	26.0	22.5	33.7