Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027822.D
Acq On : 17 Nov 2020 17:50
Operator : JU/CG
Sample : L4762-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
mohammad
11/19/2020 10:33:20 AM

Quant Time: Nov 18 11:17:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1363	0.40	ng/ul	0.00
2) Naphthalene-d8	11.22	136	5272	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	4733	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	4725	0.40	ng/ul	0.01
16) Chrysene-d12	21.80	240	3542	0.40	ng/ul	0.00
20) Perylene-d12	24.25	264	2680	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.77	152	1464	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	1155	0.08	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.27	128	11812	0.701	ng/ul#	78
5) 2-Methylnaphthalene	12.85	142	32011	2.732	ng/ul	95
7) Acenaphthylene	14.71	152	6320	0.271	ng/ul#	1
8) Acenaphthene	15.06	153	15361	0.861	ng/ul#	76
9) Fluorene	16.02	166	12532	0.584	ng/ul#	67
12) Phenanthrene	17.75	178	174076	11.317	ng/ul	98
13) Anthracene	17.84	178	15902	1.062	ng/ul#	74
15) Fluoranthene	19.72	202	23434	1.331	ng/ul	88
17) Pyrene	20.08	202	110678	7.046	ng/ul#	91
18) Benzo(a)anthracene	21.79	228	12709	0.898	ng/ul#	32
19) Chrysene	21.84	228	17268	1.198	ng/ul#	68
21) Benzo(b)fluoranthene	23.50	252	10829m	0.883	ng/ul	
22) Benzo(k)fluoranthene	23.54	252	3381m	0.281	ng/ul	
23) Benzo(a)pyrene	24.14	252	6614	0.613	ng/ul#	8
24) Indeno(1,2,3-cd)pyrene	26.77	276	2731	0.222	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.78	278	1648	0.161	ng/ul#	1
26) Benzo(g,h,i)perylene	27.56	276	5075	0.488	ng/ul#	59

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
Data File : BM027822.D
Acq On : 17 Nov 2020 17:50
Operator : JU/CG
Sample : L4762-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 18 11:17:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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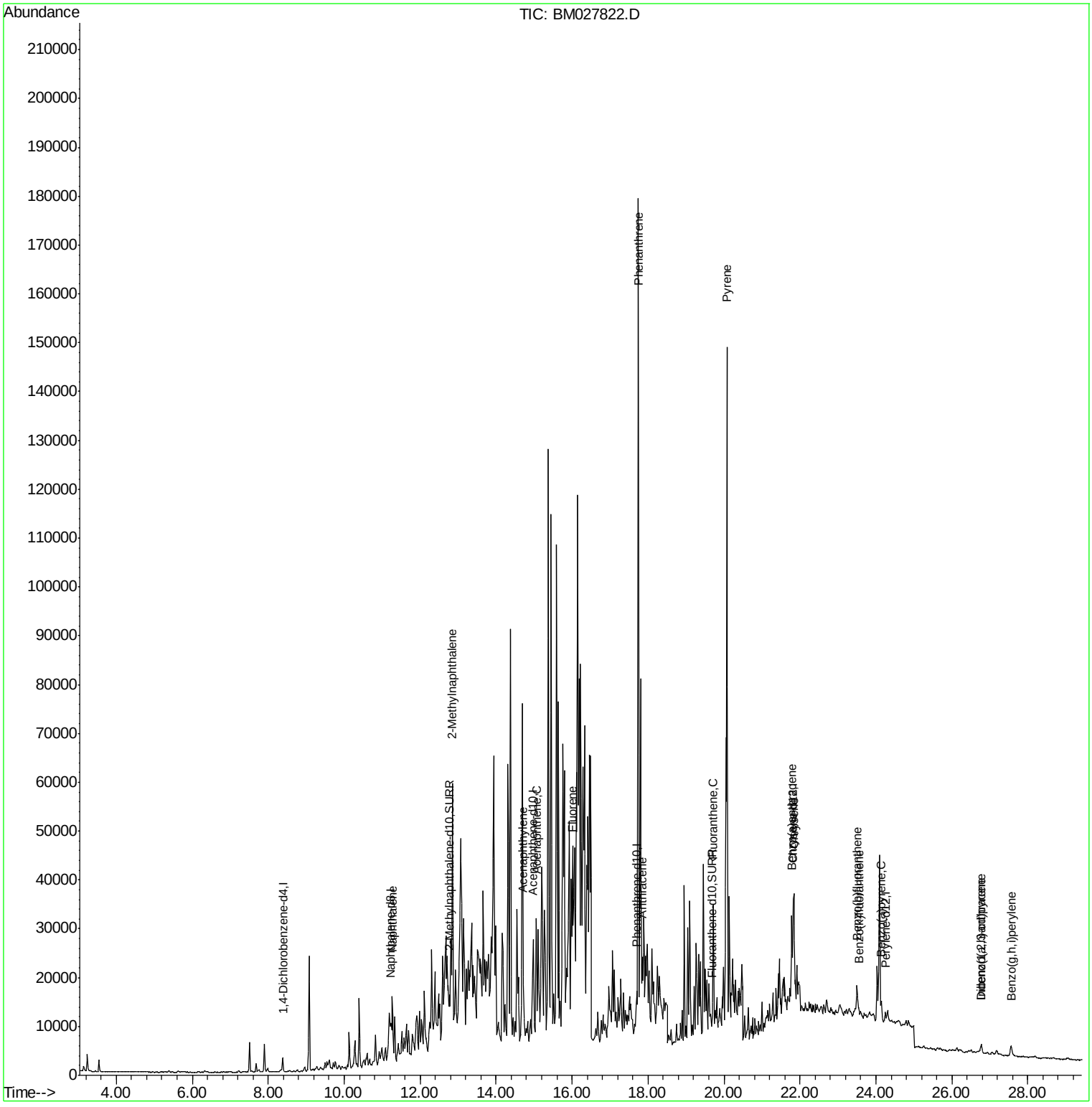

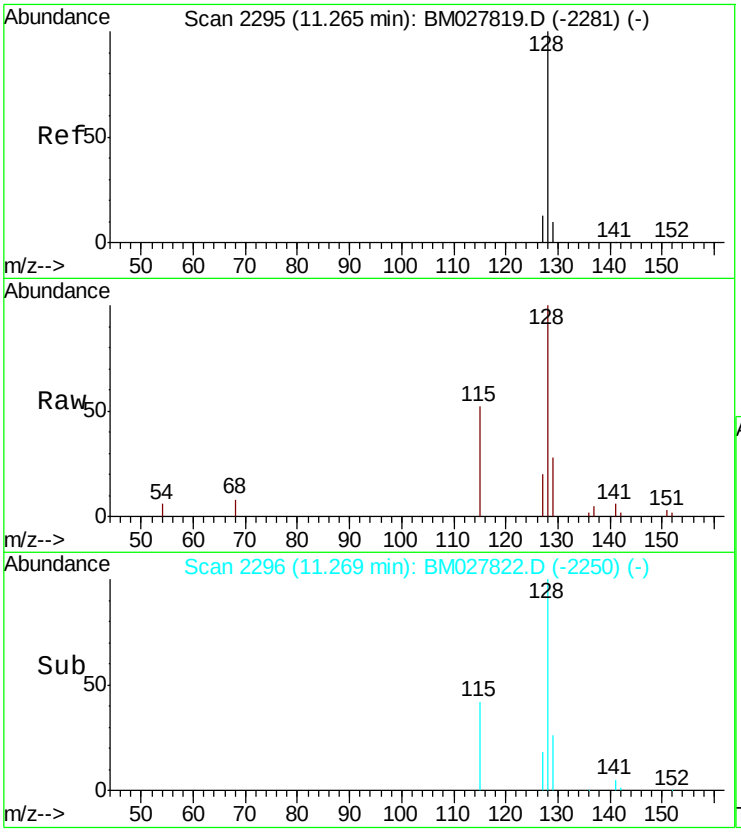

#3
Naphthalene
Concen: 0.701 ng/ul
RT: 11.27 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:128 Resp: 11812

Ion	Ratio	Lower	Upper
128	100		
129	28.1	11.0	16.4#
127	19.5	12.4	18.6#

Instrument :
BNA_M
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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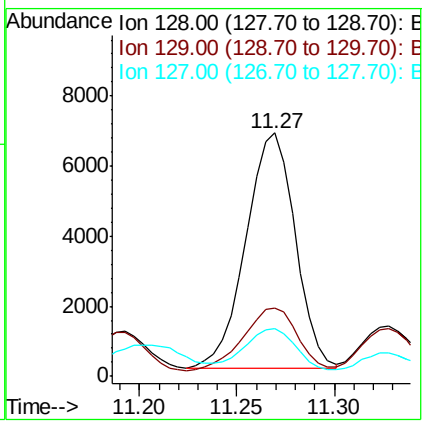
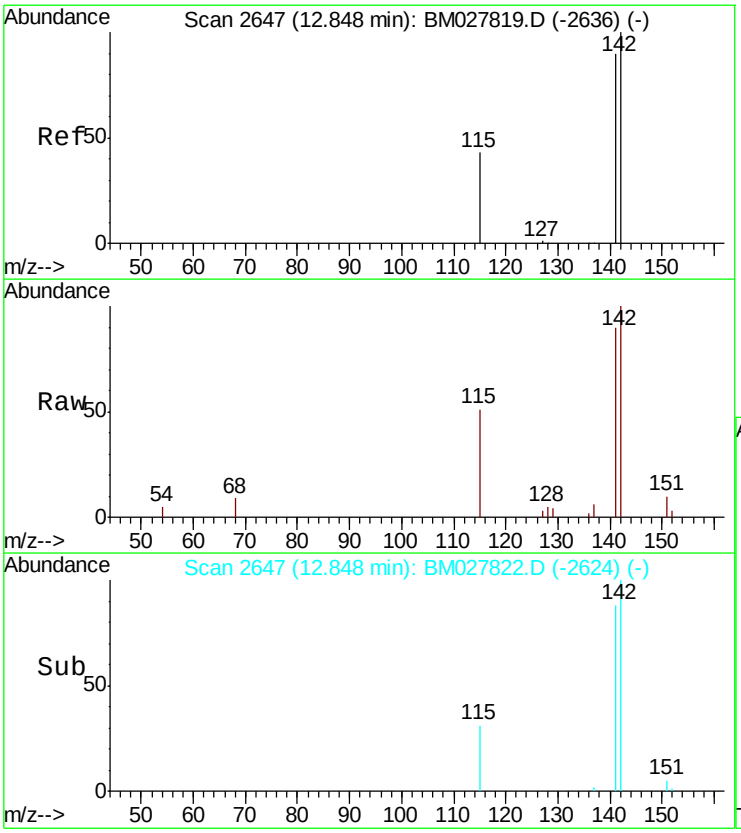
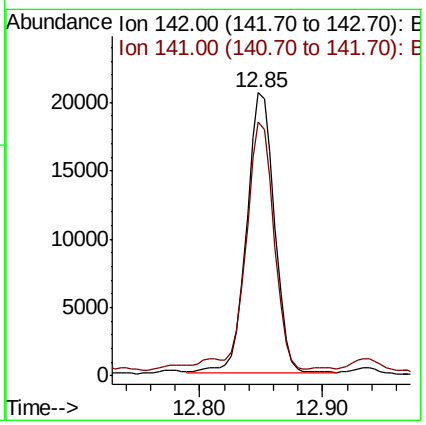


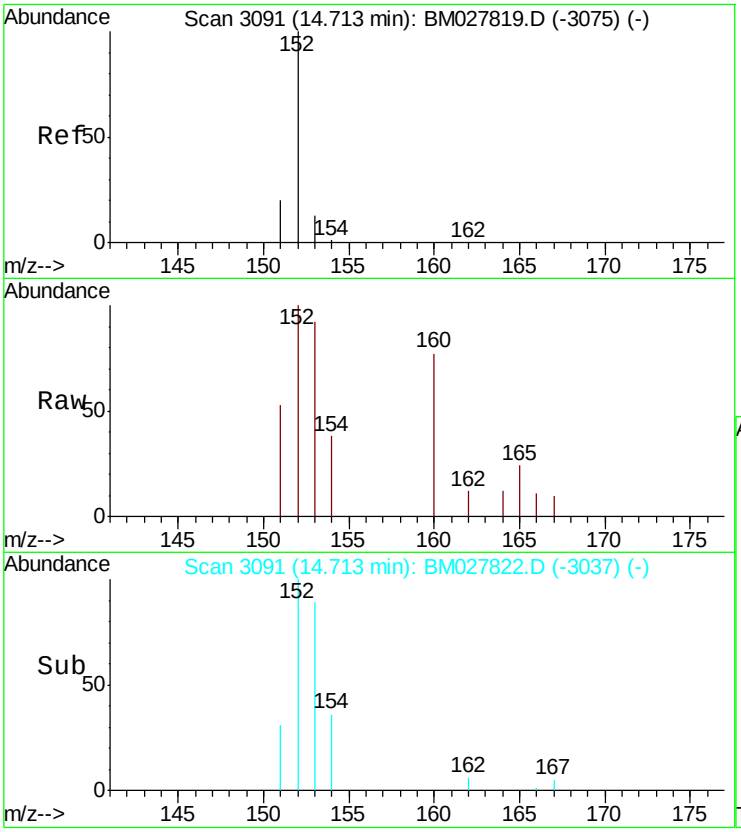


#5
2-Methylnaphthalene
Concen: 2.732 ng/ul
RT: 12.85 min Scan# 2647
Delta R.T. 0.00 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:142 Resp: 32011

Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.0	105.0





#7
Acenaphthylene
Concen: 0.271 ng/ul
RT: 14.71 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:152 Resp: 6320

Ion	Ratio	Lower	Upper
152	100		
151	52.7	17.8	26.6#
153	92.2	11.8	17.8#

Instrument :
BNA_M
ClientSampleId :
C0AC4DL

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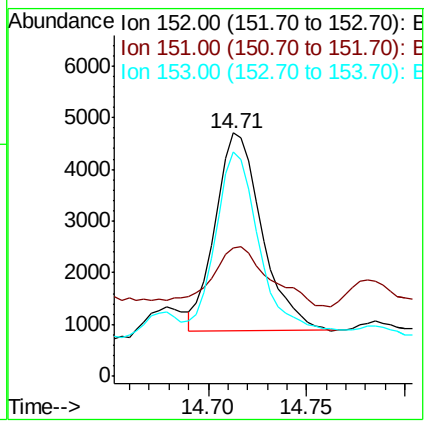
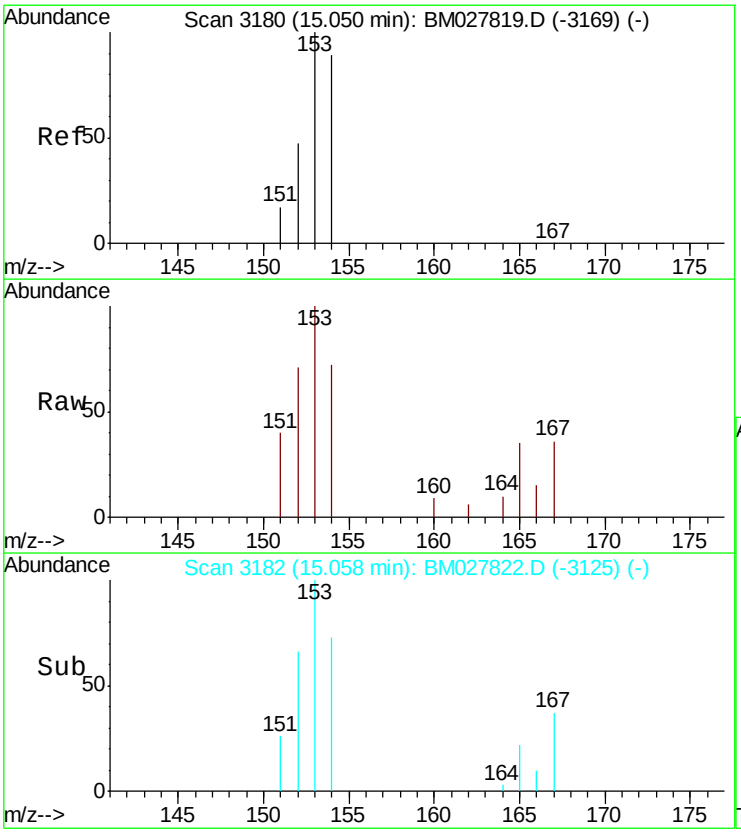
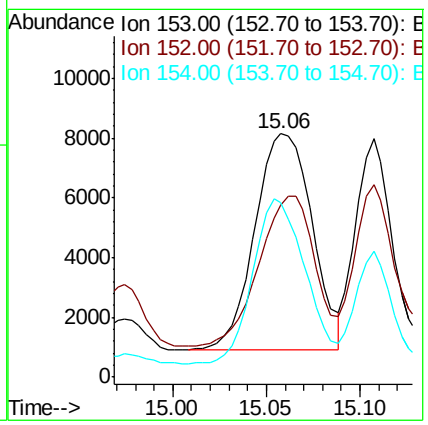


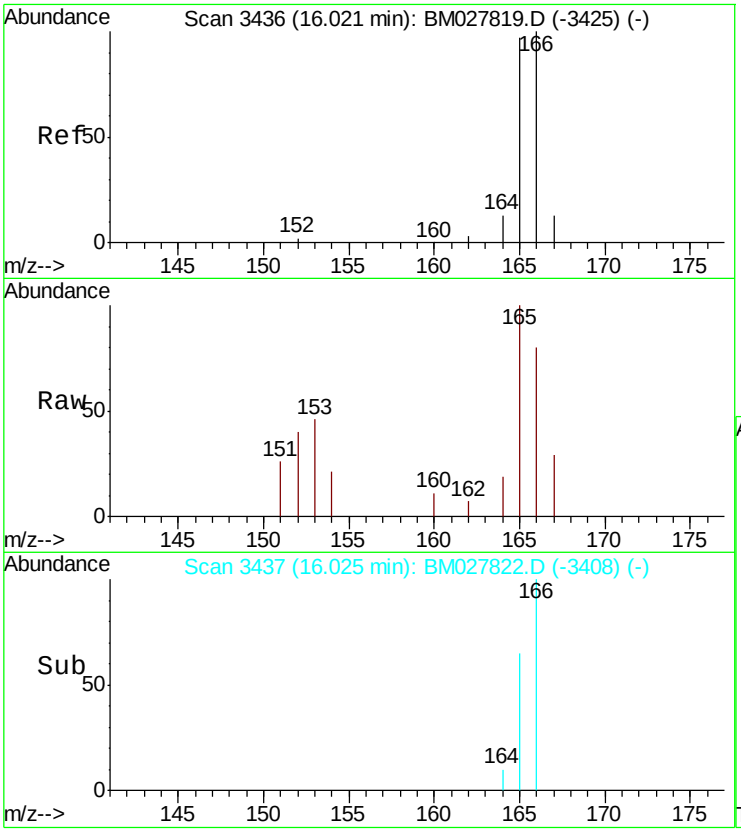


#8
Acenaphthene
Concen: 0.861 ng/ul
RT: 15.06 min Scan# 3182
Delta R.T. 0.01 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:153 Resp: 15361

Ion	Ratio	Lower	Upper
153	100		
152	70.8	38.6	58.0#
154	71.5	72.0	108.0#

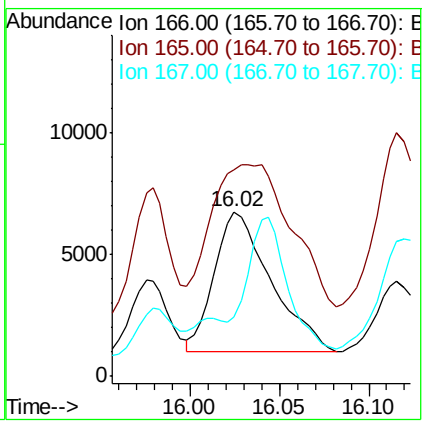




#9
Fluorene
Concen: 0.584 ng/ul
RT: 16.02 min Scan# 3437
Delta R.T. 0.01 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:166 Resp: 12532

Ion	Ratio	Lower	Upper
166	100		
165	125.2	76.9	115.3#
167	35.9	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
C0AC4DL

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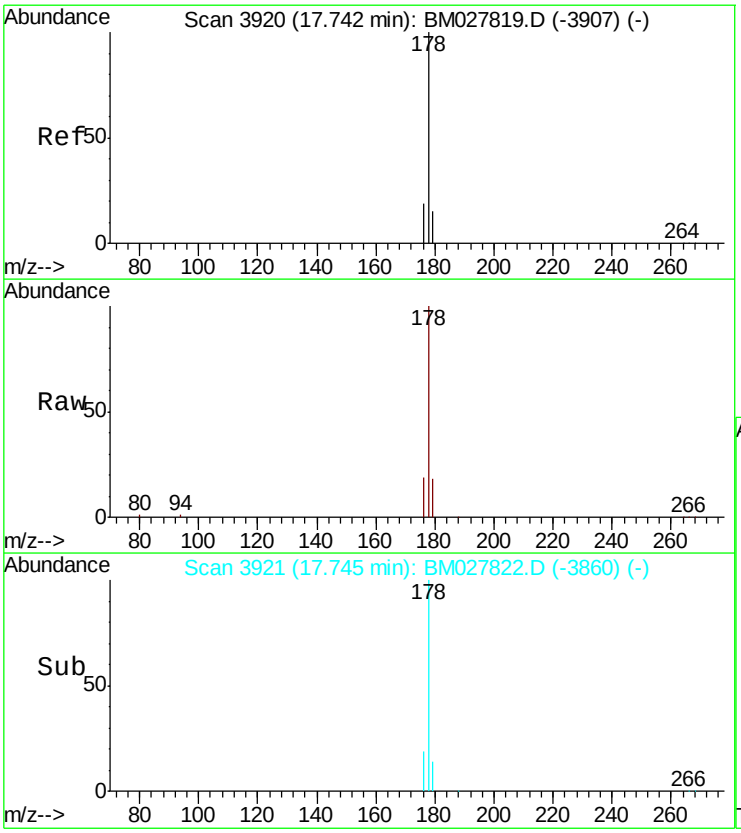
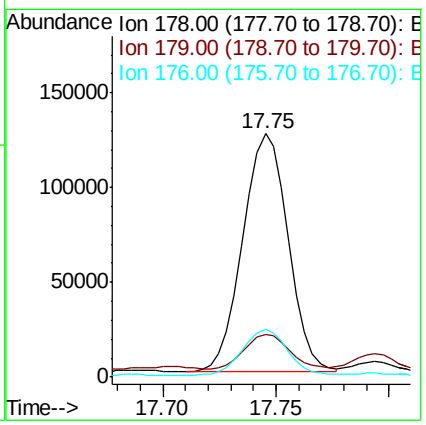
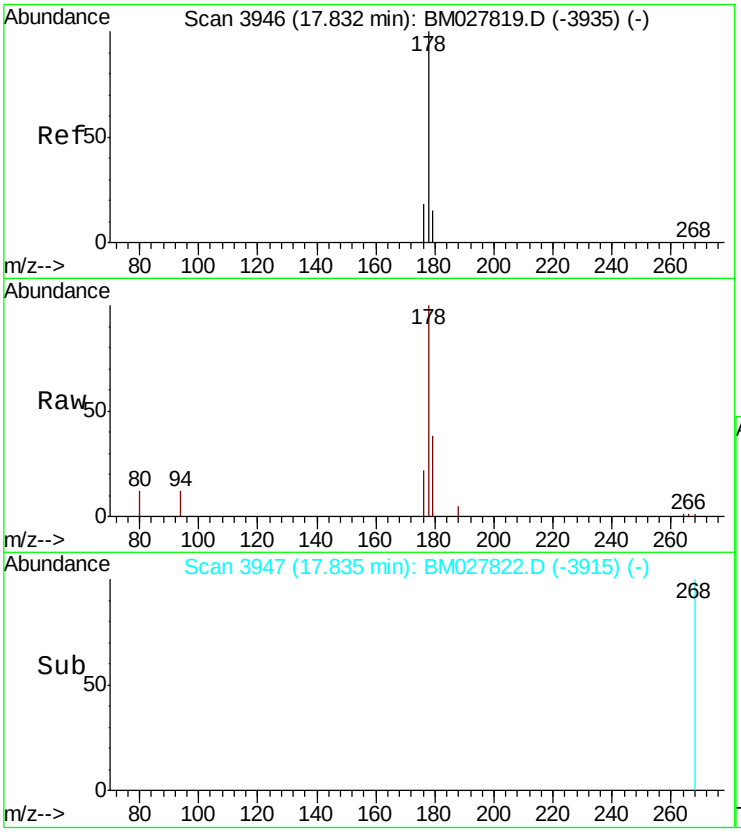


#12
Phenanthrene
Concen: 11.317 ng/ul
RT: 17.75 min Scan# 3921
Delta R.T. 0.01 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:178 Resp: 174076

Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.5	20.3
176	19.4	16.5	24.7

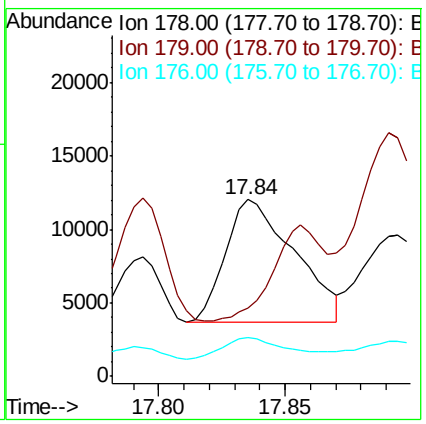




#13
Anthracene
Concen: 1.062 ng/ul
RT: 17.84 min Scan# 3947
Delta R.T. 0.01 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:178 Resp: 15902

Ion	Ratio	Lower	Upper
178	100		
179	38.4	13.6	20.4#
176	21.9	15.4	23.2



Instrument :
BNA_M
ClientSampleId :
C0AC4DL

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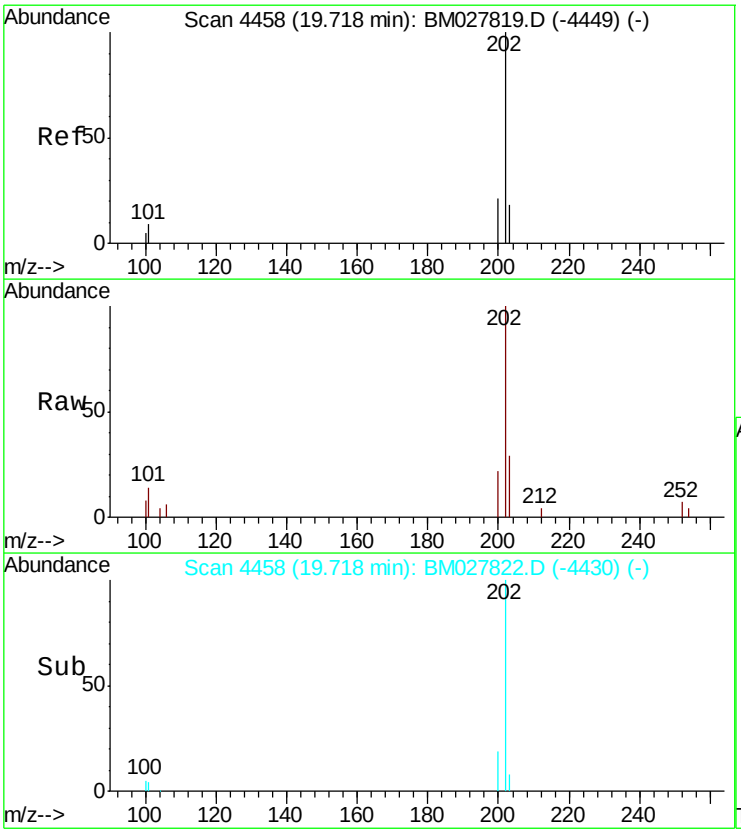
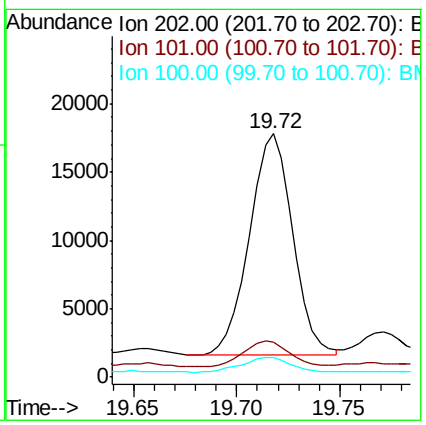
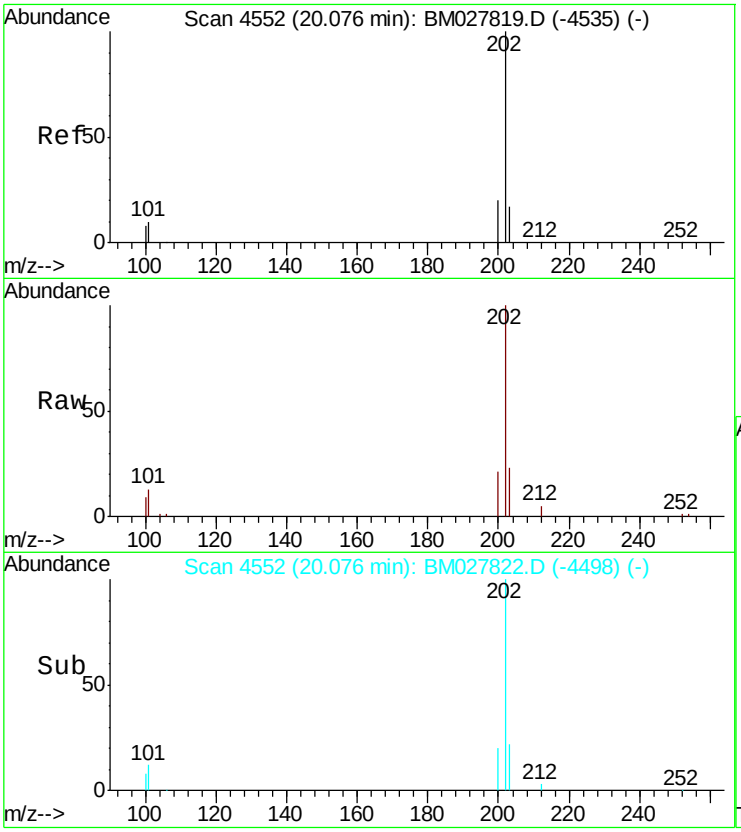


#15
Fluoranthene
Concen: 1.331 ng/ul
RT: 19.72 min Scan# 4458
Delta R.T. 0.01 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:202 Resp: 23434

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	28.0
100	8.1	0.0	26.3





#17
Pyrene
Concen: 7.046 ng/ul
RT: 20.08 min Scan# 4552
Delta R.T. 0.01 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:202 Resp: 110678

Ion	Ratio	Lower	Upper
202	100		
101	12.7	6.4	9.6#
100	8.5	5.8	8.6

Instrument :
BNA_M
ClientSampleId :
C0AC4DL

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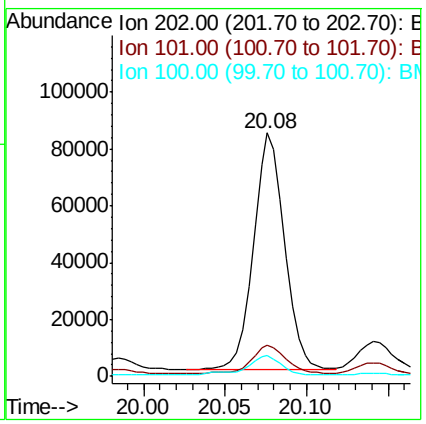
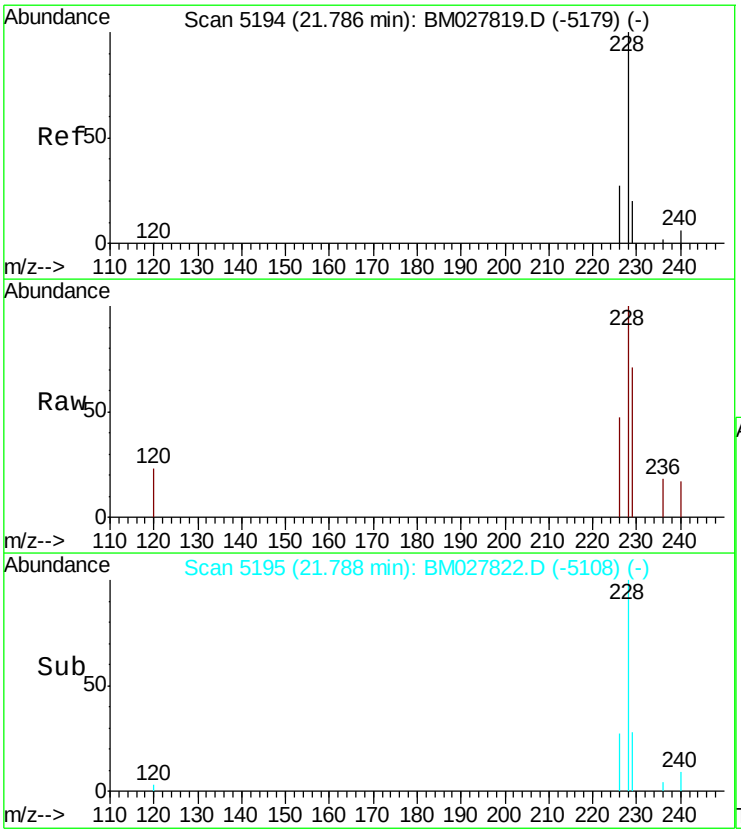
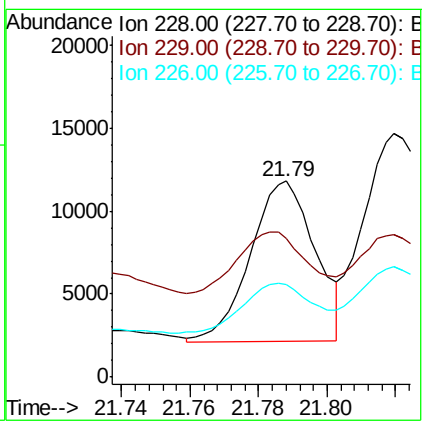


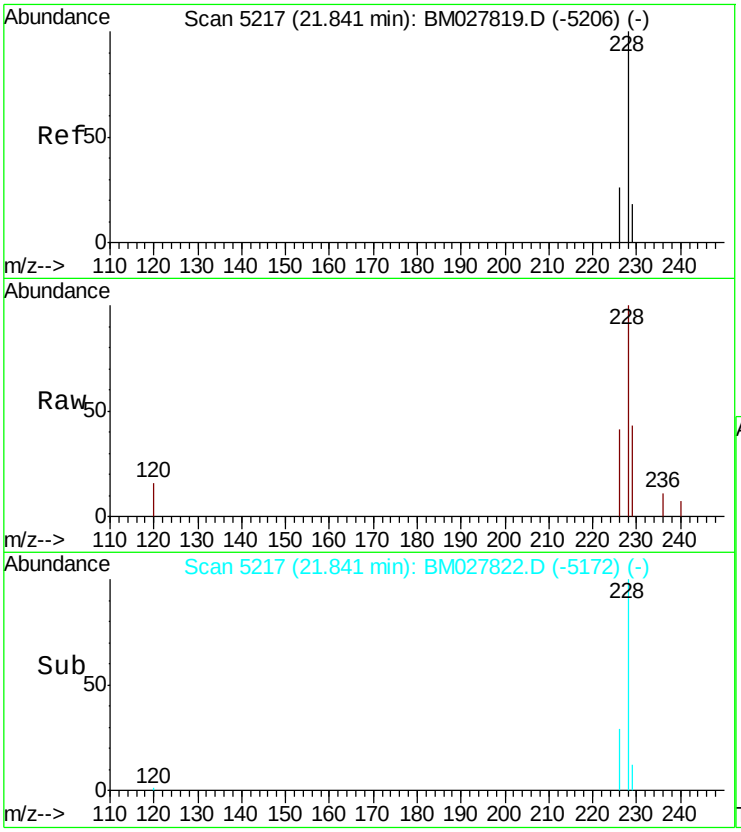


#18
Benzo(a)anthracene
Concen: 0.898 ng/ul
RT: 21.79 min Scan# 5195
Delta R.T. 0.01 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:228 Resp: 12709

Ion	Ratio	Lower	Upper
228	100		
229	70.9	15.9	23.9#
226	47.0	22.0	33.0#





#19
Chrysene
Concen: 1.198 ng/ul
RT: 21.84 min Scan# 5217
Delta R.T. 0.01 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Instrument :
BNA_M
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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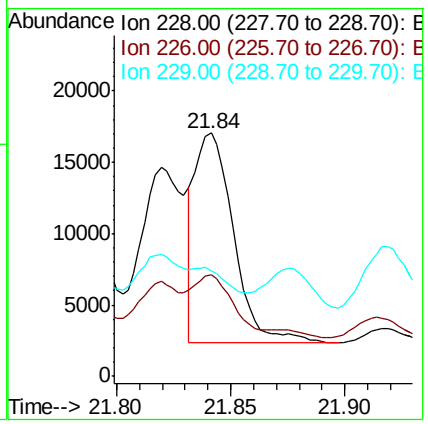
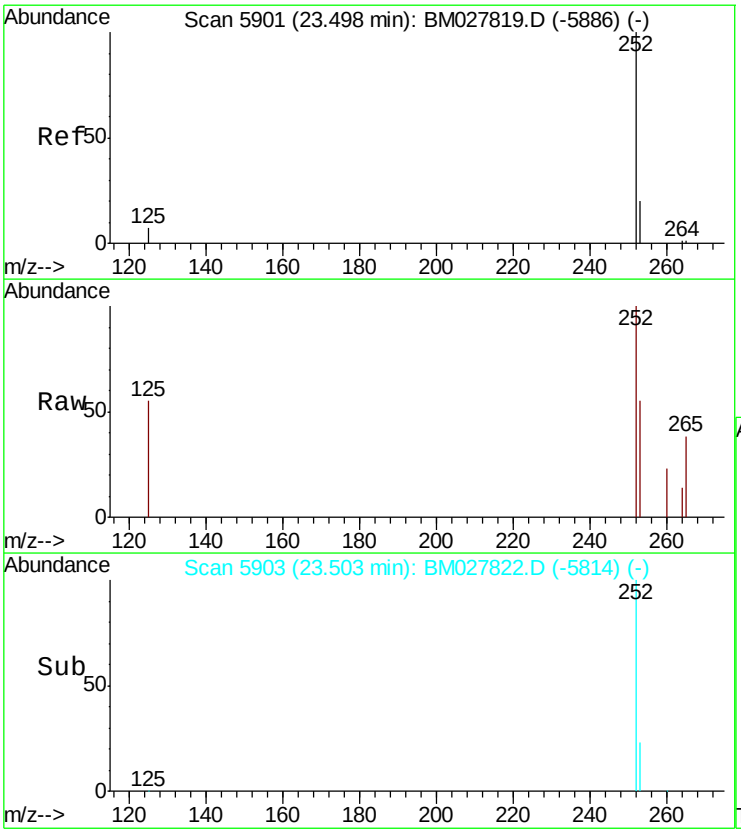
11/19/2020 10:33:20 AM

Tgt Ion:228 Resp: 17268

Ion	Ratio	Lower	Upper
228	100		
226	41.4	24.2	36.2#
229	43.4	16.8	25.2#

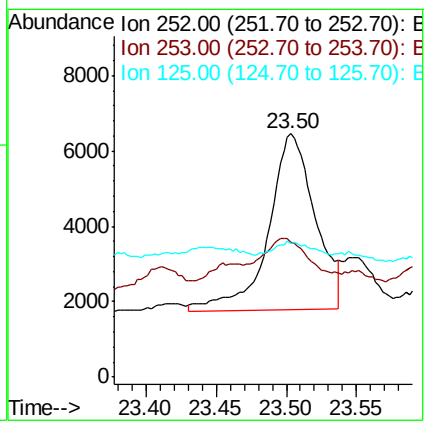


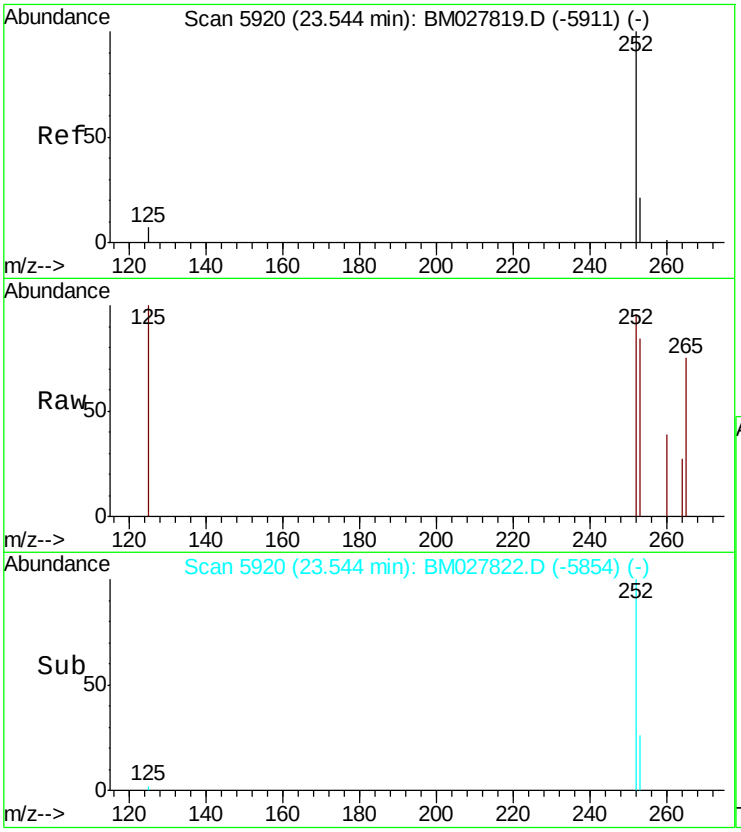


#21
Benzo(b)fluoranthene
Concen: 0.883 ng/ul m
RT: 23.50 min Scan# 5903
Delta R.T. 0.02 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:252 Resp: 10829

Ion	Ratio	Lower	Upper
252	100		
253	55.5	0.0	52.2#
125	54.7	0.0	17.6#

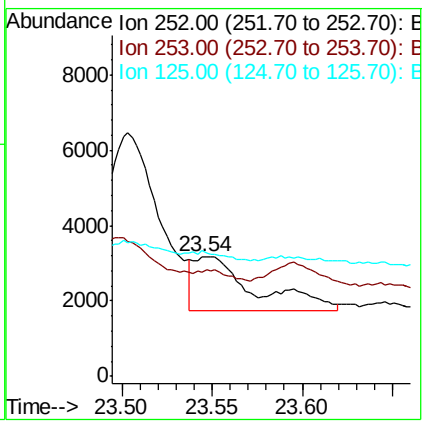




#22
Benzo(k)fluoranthene
Concen: 0.281 ng/ul m
RT: 23.54 min Scan# 5920
Delta R.T. 0.01 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:252 Resp: 3381

Ion	Ratio	Lower	Upper
252	100		
253	87.5	20.4	30.6#
125	104.7	7.0	10.4#



Instrument :
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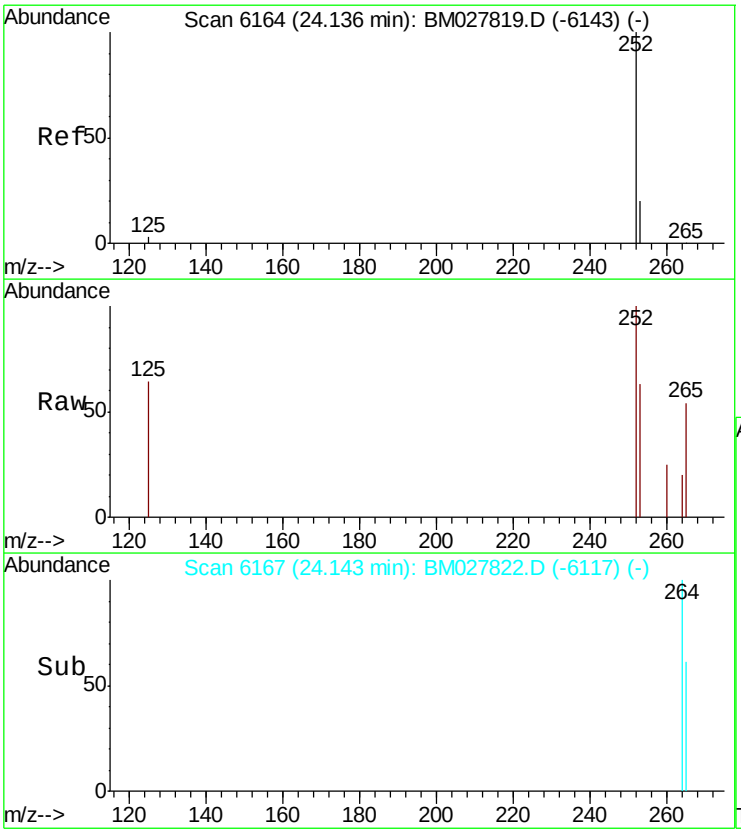
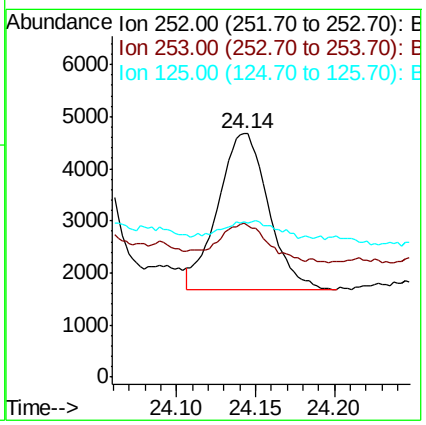
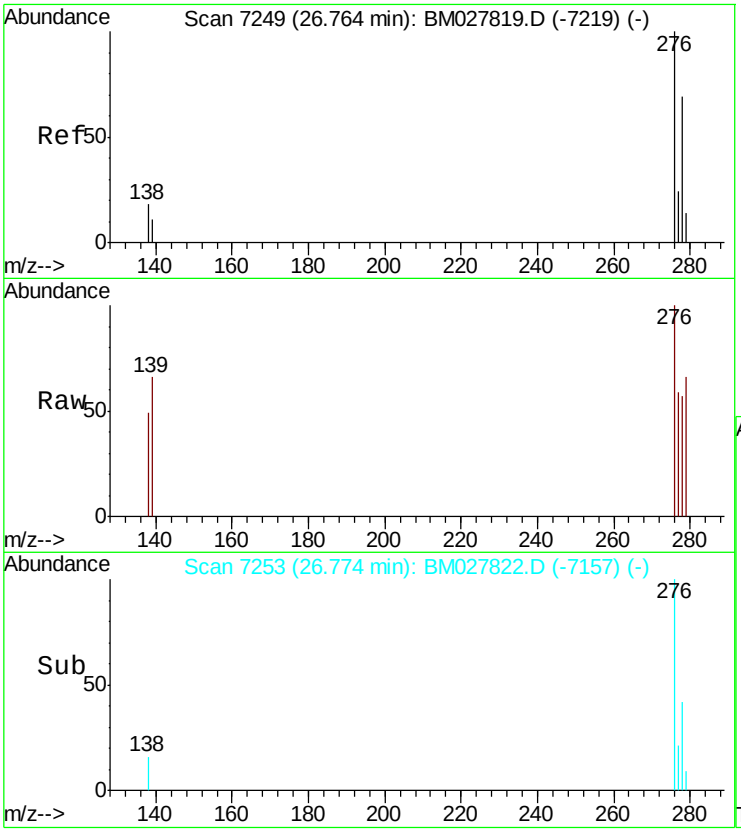


#23
Benzo(a)pyrene
Concen: 0.613 ng/ul
RT: 24.14 min Scan# 6167
Delta R.T. 0.02 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:252 Resp: 6614

Ion	Ratio	Lower	Upper
252	100		
253	63.5	21.0	31.6#
125	63.6	7.8	11.8#

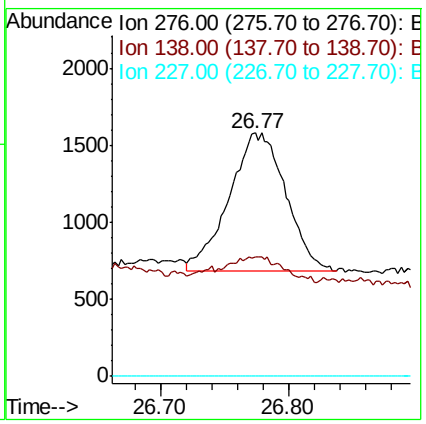




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.222 ng/ul
RT: 26.77 min Scan# 7253
Delta R.T. 0.03 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:276 Resp: 2731

Ion	Ratio	Lower	Upper
276	100		
138	16.6	12.1	18.1
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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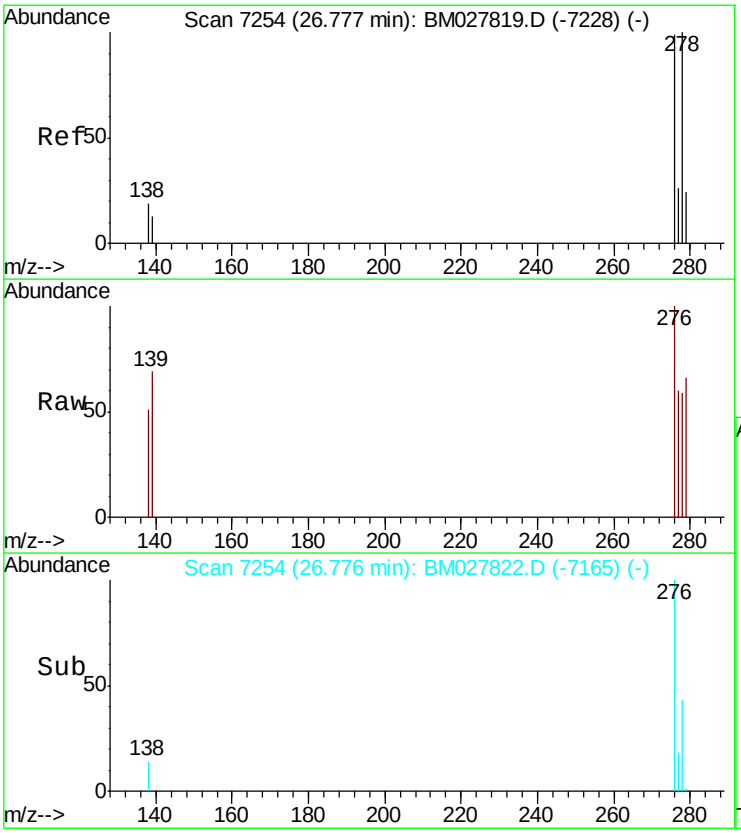
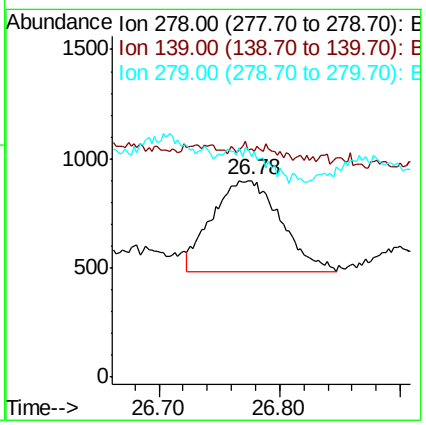
11/19/2020 10:33:20 AM

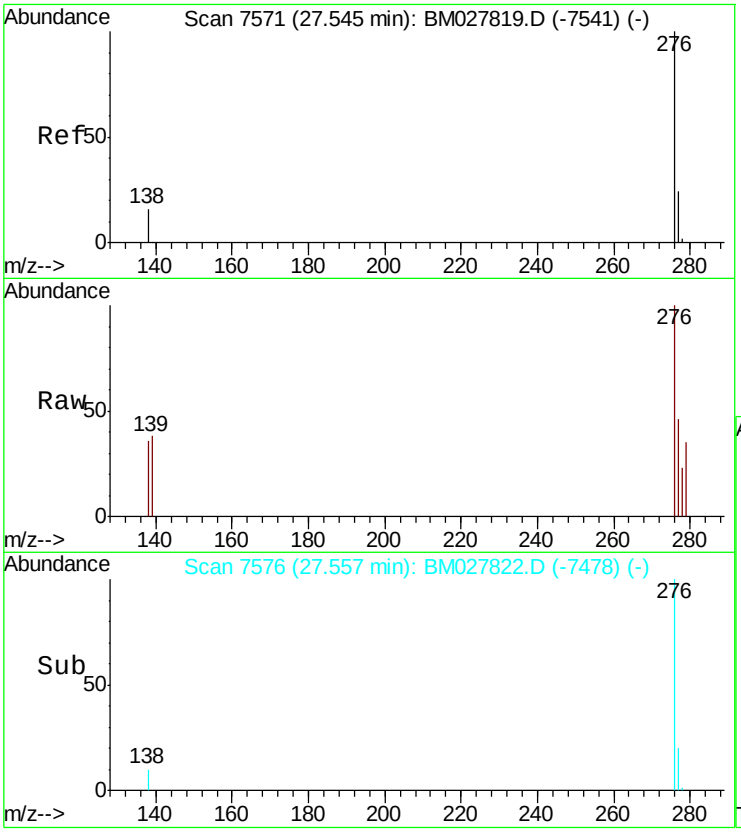


#25
Dibenzo(a,h)anthracene
Concen: 0.161 ng/ul
RT: 26.78 min Scan# 7254
Delta R.T. 0.02 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:278 Resp: 1648

Ion	Ratio	Lower	Upper
278	100		
139	116.6	10.2	15.4#
279	112.5	21.9	32.9#

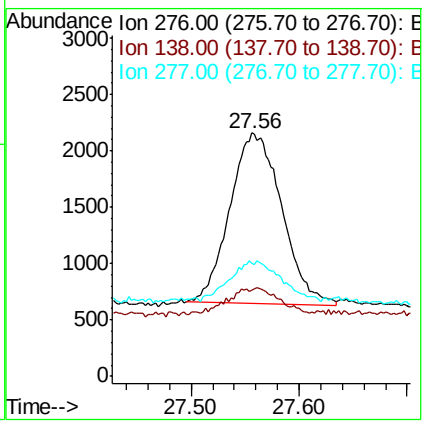




#26
Benzo(g,h,i)perylene
Concen: 0.488 ng/ul
RT: 27.56 min Scan# 7576
Delta R.T. 0.04 min
Lab File: BM027822.D
Acq: 17 Nov 2020 17:50

Tgt Ion:276 Resp: 5075

Ion	Ratio	Lower	Upper
276	100		
138	35.6	12.8	19.2#
277	46.5	21.5	32.3#



Instrument :
BNA_M
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
mohammad
11/19/2020 10:33:20 AM