Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022129.D
Acq On : 15 Aug 2019 05:12
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 15 12:43:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : CB5P1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	941	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3846	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.25	164	2318	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4469m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4551m	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4589m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	2471	0.39	ng/ul	-0.04
14) Fluoranthene-d10	19.05	212	6322m	0.42	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.42	128	77618	7.145	ng/ul#	91
5) 2-Methylnaphthalene	12.04	142	39193	5.415	ng/ul	97
7) Acenaphthylene	13.97	152	45698	4.227	ng/ul#	81
8) Acenaphthene	14.31	153	54179	6.125	ng/ul	96
9) Fluorene	15.31	166	85991	8.753	ng/ul	97
12) Phenanthrene	17.05	178	1157337m	89.003	ng/ul	
13) Anthracene	17.14	178	152692m	13.766	ng/ul	
15) Fluoranthene	19.08	202	1459492m	83.789	ng/ul	
17) Pyrene	19.45	202	1278961	68.388	ng/ul#	94
18) Benzo(a)anthracene	21.20	228	600102m	36.864	ng/ul	
19) Chrysene	21.25	228	583791	27.885	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	709447m	45.845	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	262419m	14.985	ng/ul	
23) Benzo(a)pyrene	23.33	252	515939	32.785	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.62	276	316468	16.842	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.63	278	88001m	5.794	ng/ul	
26) Benzo(g,h,i)perylene	26.30	276	267932	15.838	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022129.D
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BNA_M
ClientSampleId :
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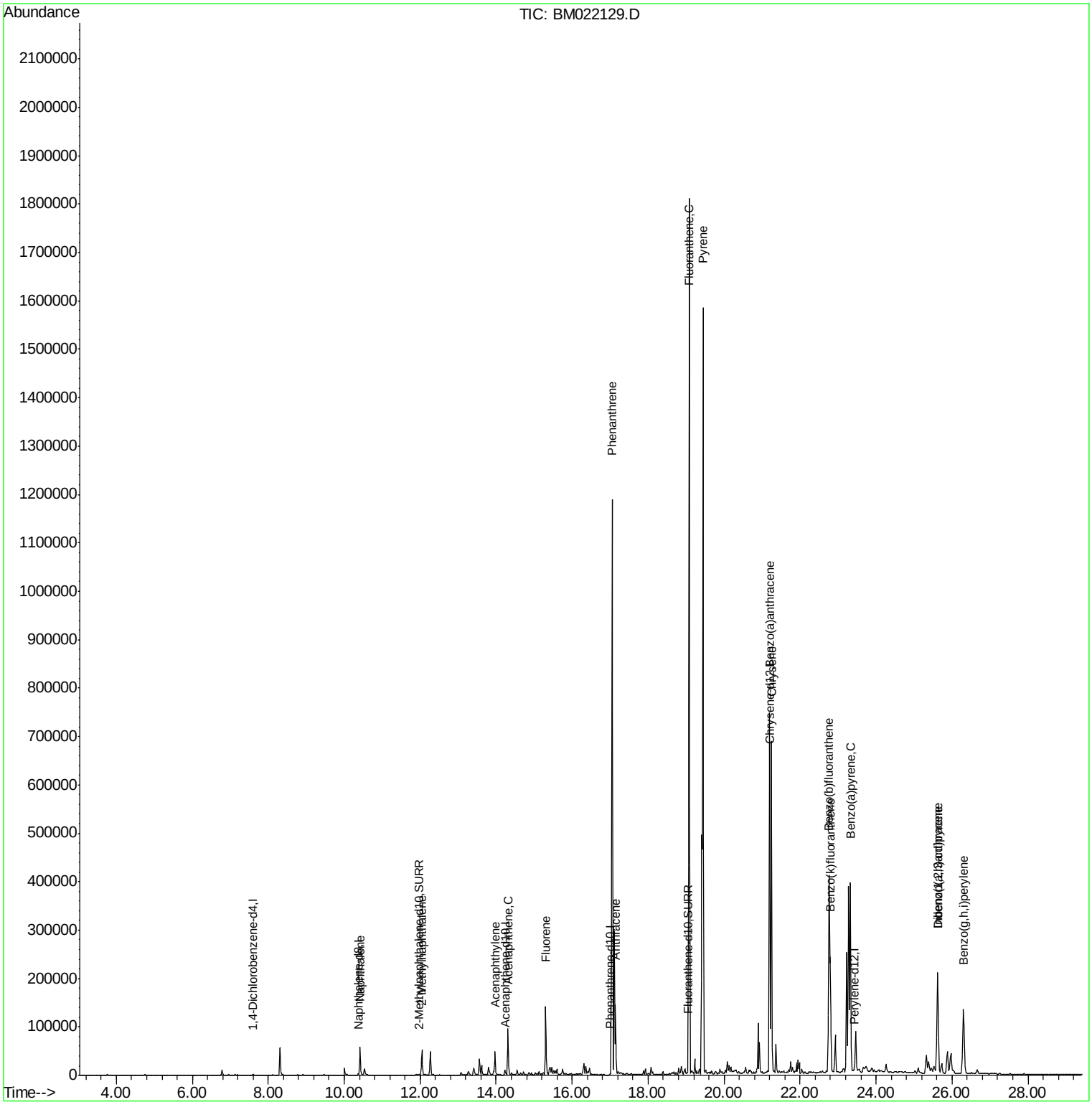

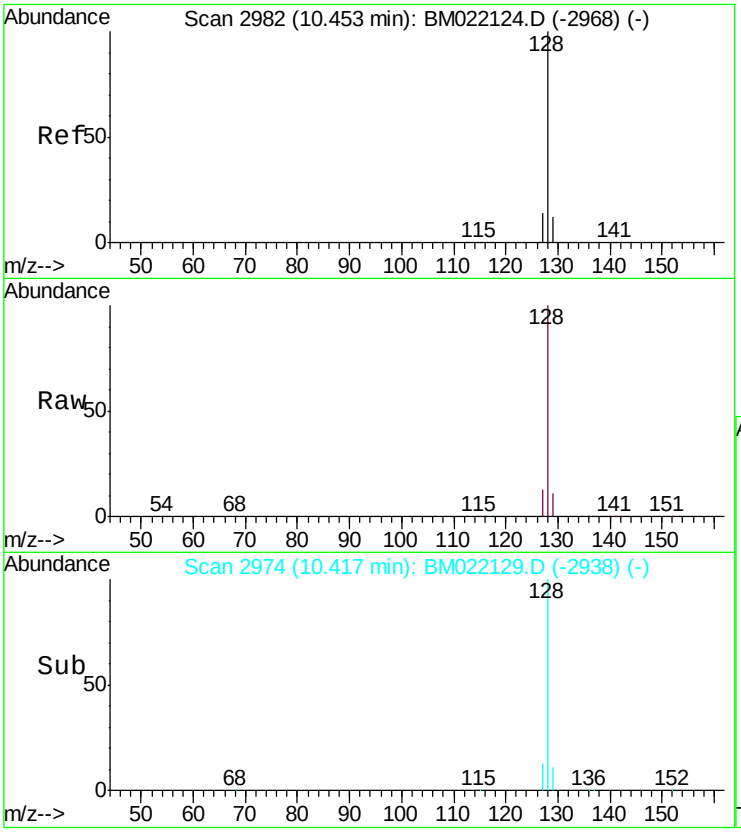

#3
Naphthalene
Concen: 7.145 ng/ul
RT: 10.42 min Scan# 2974
Delta R.T. -0.04 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:128 Resp: 77618

Ion	Ratio	Lower	Upper
128	100		
129	11.1	12.3	18.5#
127	13.0	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
CB5P1

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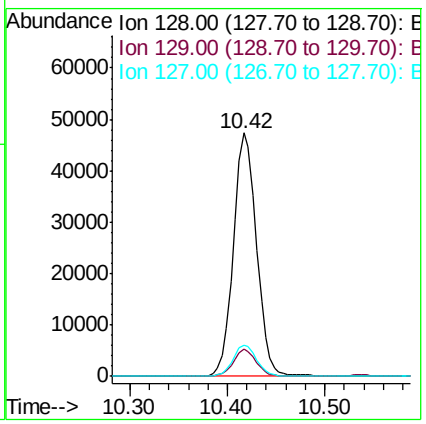
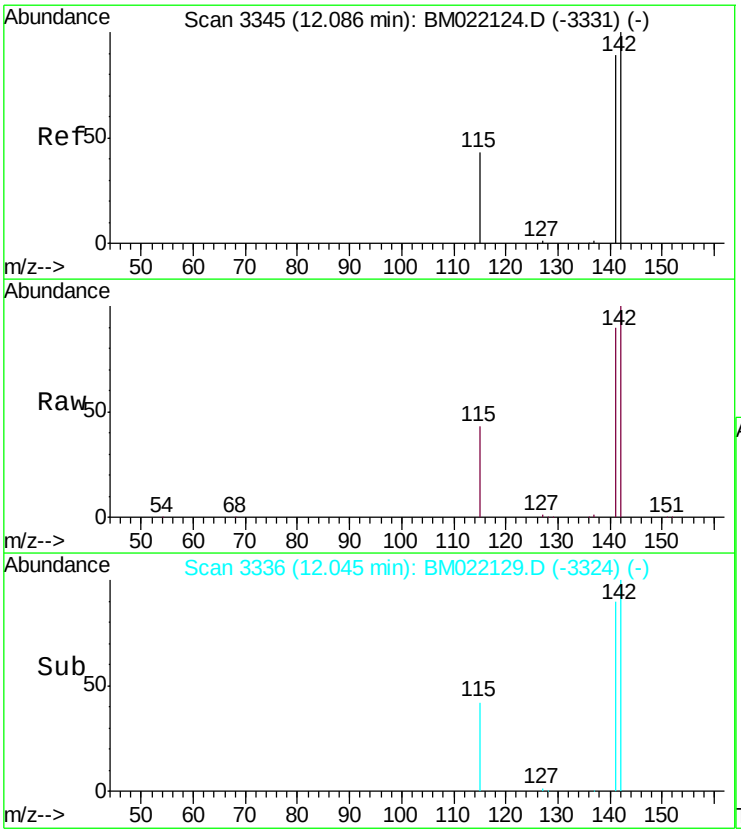
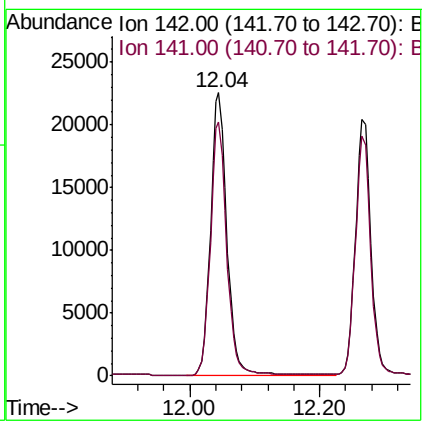


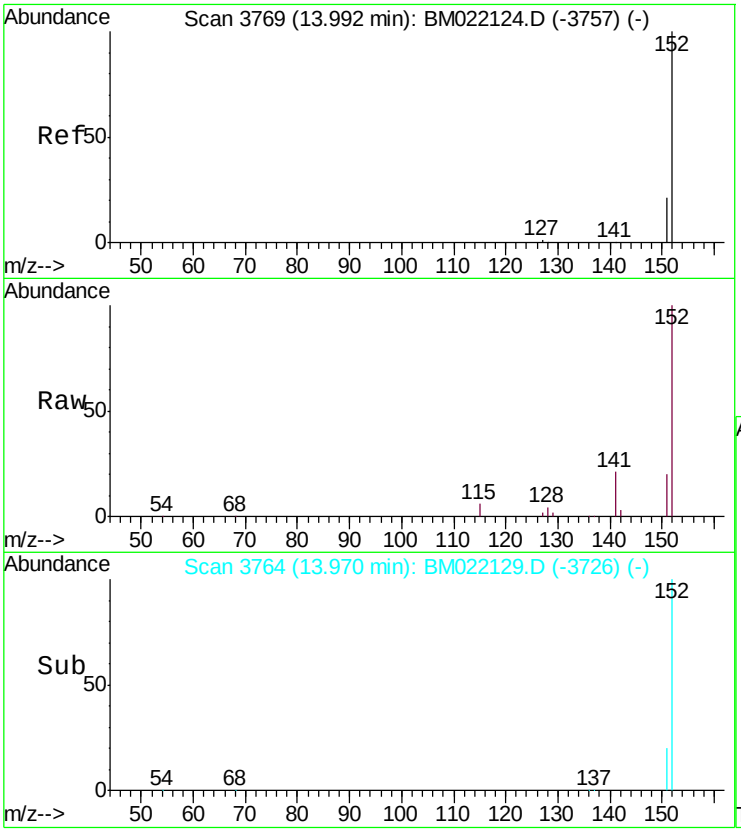


#5
2-Methylnaphthalene
Concen: 5.415 ng/ul
RT: 12.04 min Scan# 3336
Delta R.T. -0.05 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:142 Resp: 39193

Ion	Ratio	Lower	Upper
142	100		
141	89.7	74.3	111.5

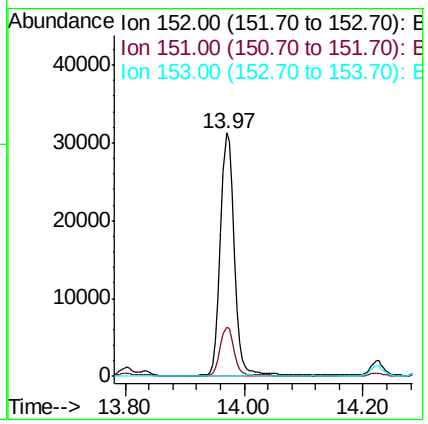




#7
Acenaphthylene
Concen: 4.227 ng/ul
RT: 13.97 min Scan# 3764
Delta R.T. -0.03 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:152 Resp: 45698

Ion	Ratio	Lower	Upper
152	100		
151	20.3	18.3	27.5
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
CB5P1

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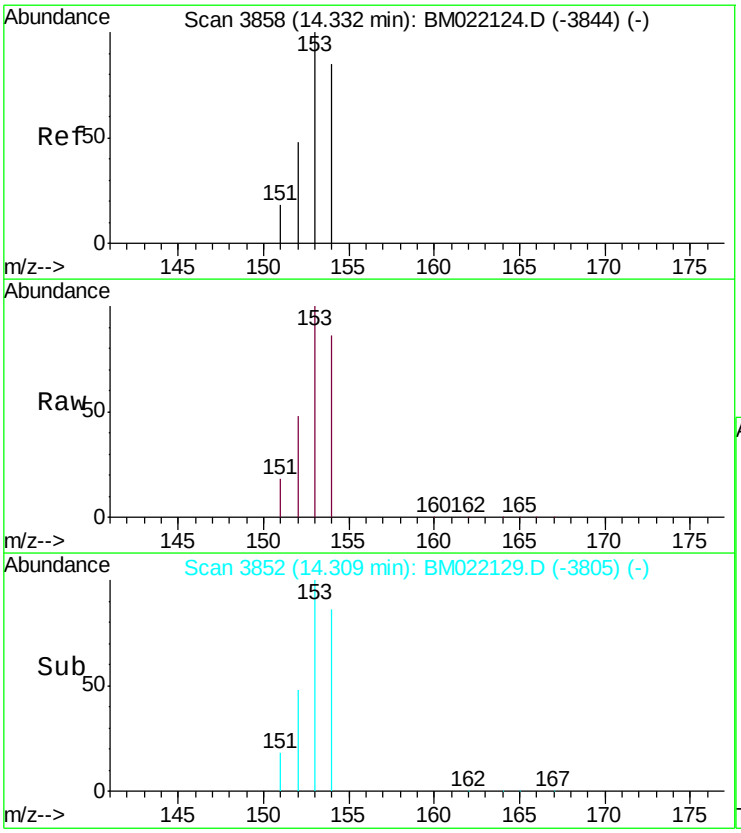
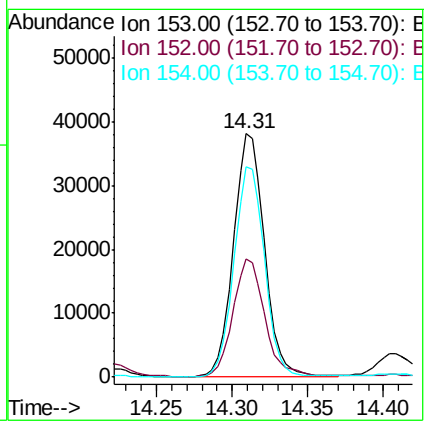
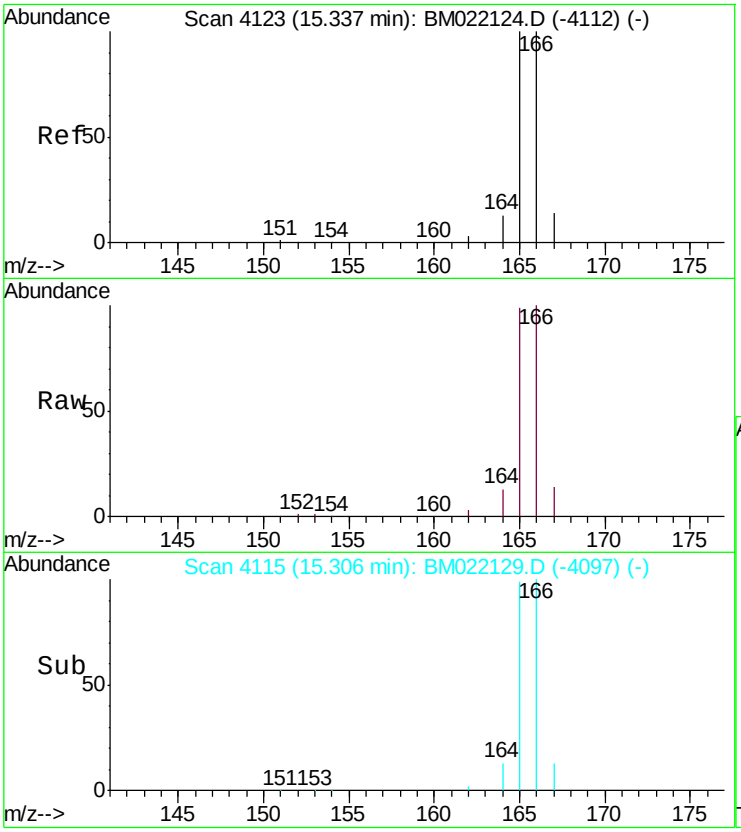


#8
Acenaphthene
Concen: 6.125 ng/ul
RT: 14.31 min Scan# 3852
Delta R.T. -0.02 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:153 Resp: 54179

Ion	Ratio	Lower	Upper
153	100		
152	48.4	41.3	61.9
154	86.3	72.3	108.5

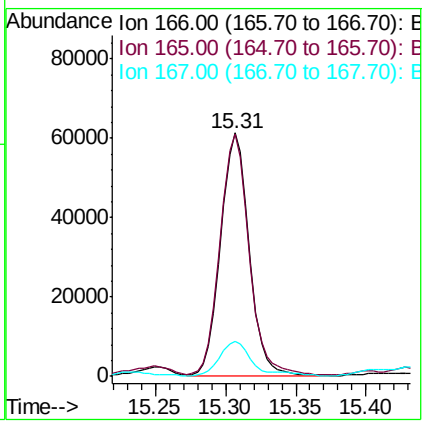




#9
Fluorene
Concen: 8.753 ng/ul
RT: 15.31 min Scan# 4115
Delta R.T. -0.03 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:166 Resp: 85991

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.4	122.0
167	14.5	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
CB5P1

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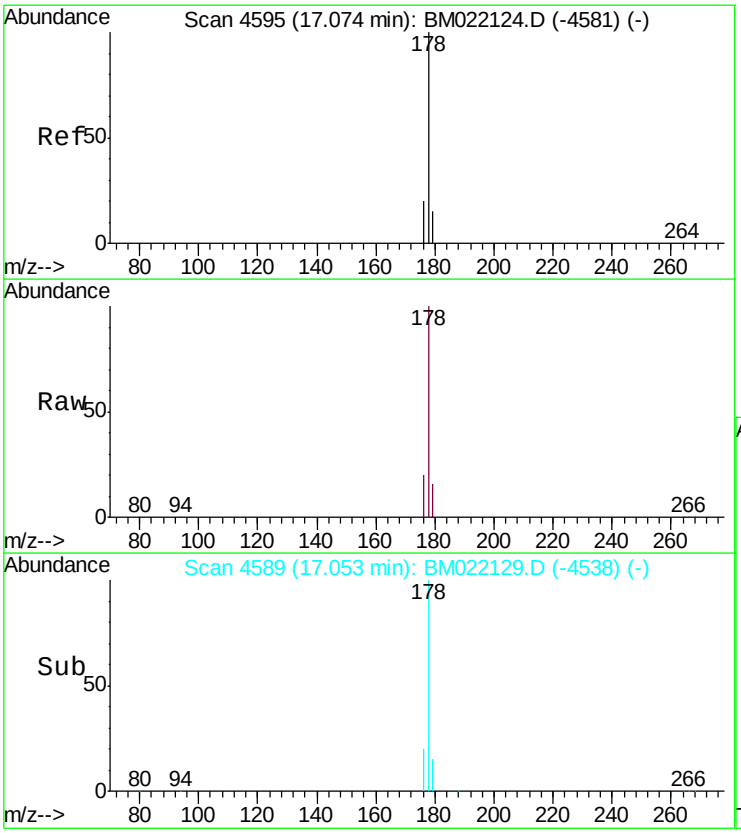
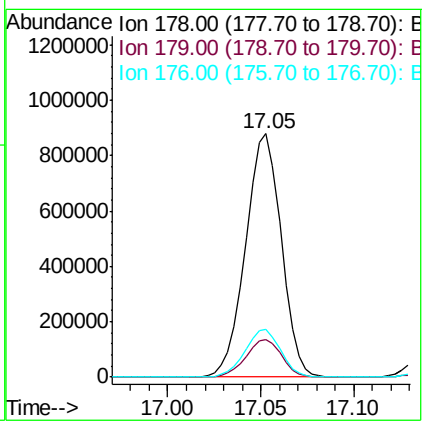
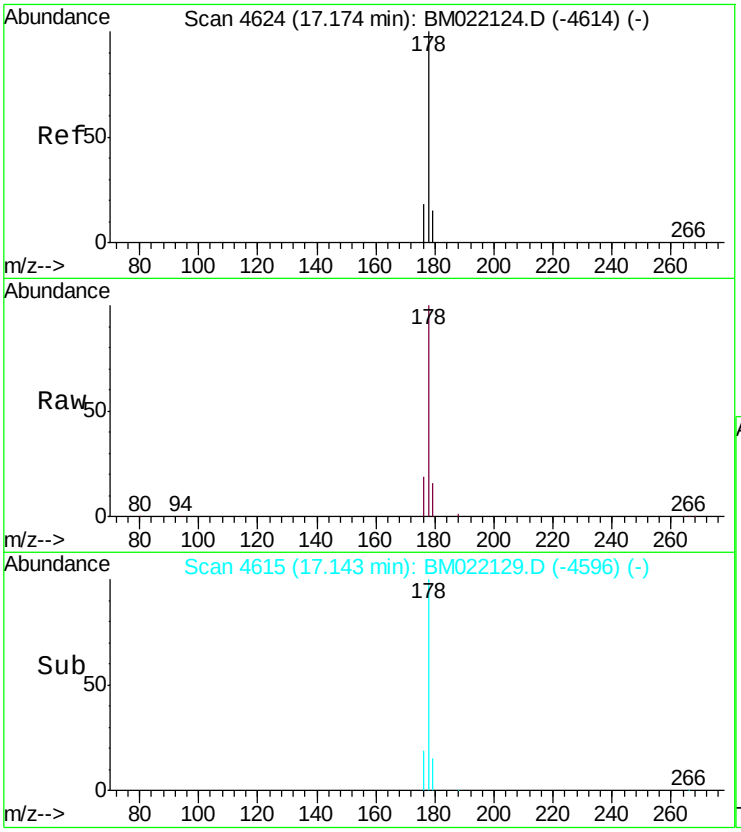


#12
Phenanthrene
Concen: 89.003 ng/ul m
RT: 17.05 min Scan# 4589
Delta R.T. -0.02 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:178 Resp: 1157337

Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.2	21.2
176	19.6	16.8	25.2

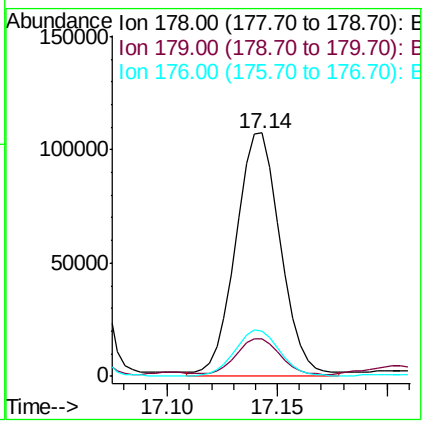




#13
Anthracene
Concen: 13.766 ng/ul m
RT: 17.14 min Scan# 4615
Delta R.T. -0.03 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:178 Resp: 152692

Ion	Ratio	Lower	Upper
178	100		
179	15.6	15.5	23.3
176	18.8	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5P1

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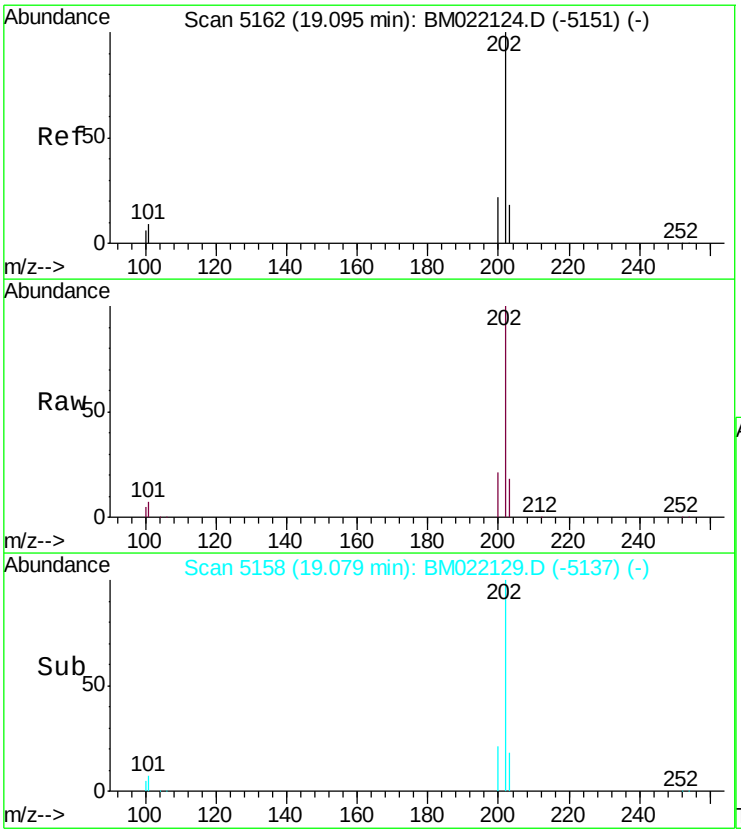
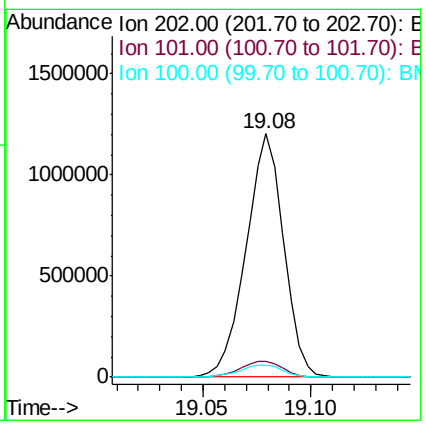
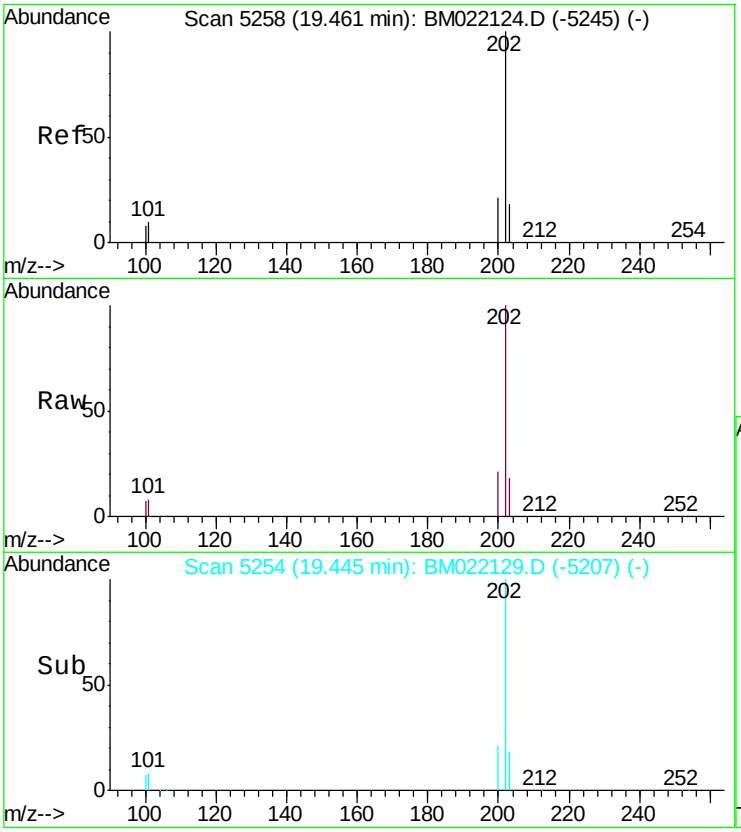


#15
Fluoranthene
Concen: 83.789 ng/ul m
RT: 19.08 min Scan# 5158
Delta R.T. -0.02 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:202 Resp: 1459492

Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	30.2
100	5.1	0.0	28.1





#17
Pyrene
Concen: 68.388 ng/ul
RT: 19.45 min Scan# 5254
Delta R.T. -0.02 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:202 Resp: 1278961

Ion	Ratio	Lower	Upper
202	100		
101	8.1	8.3	12.5#
100	6.7	7.2	10.8#

Instrument :
BNA_M
ClientSampleId :
CB5P1

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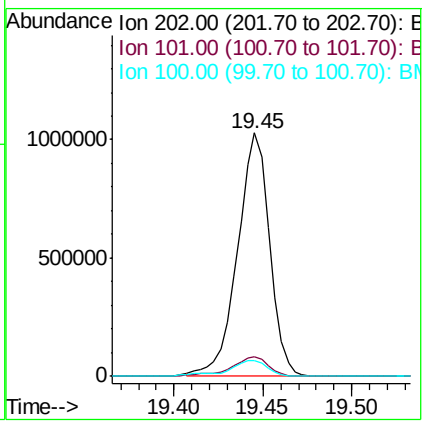
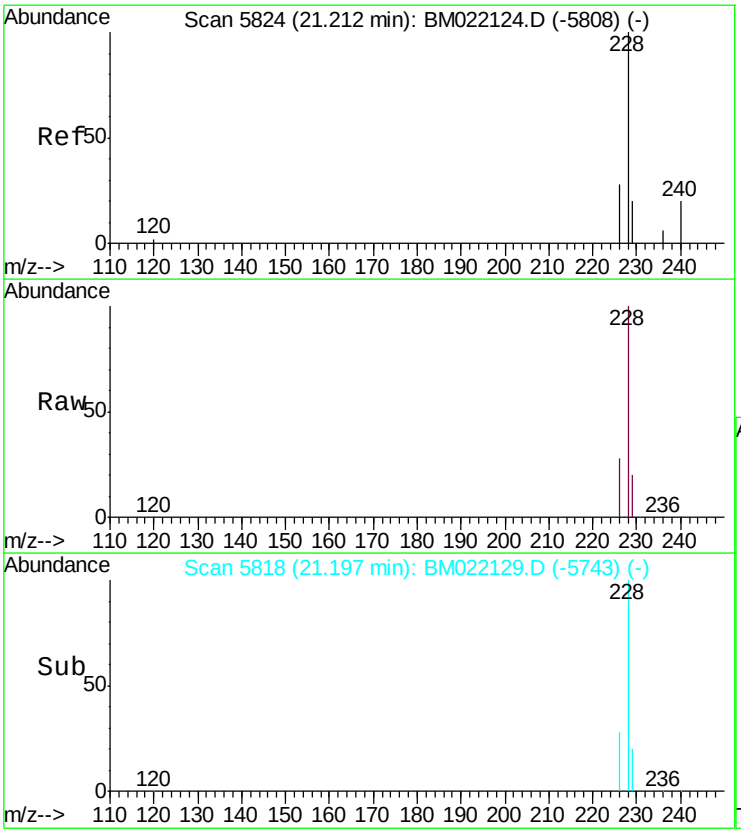
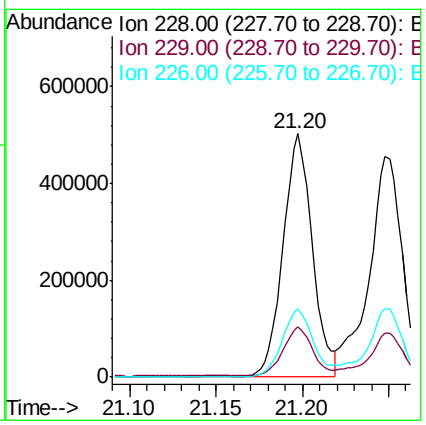


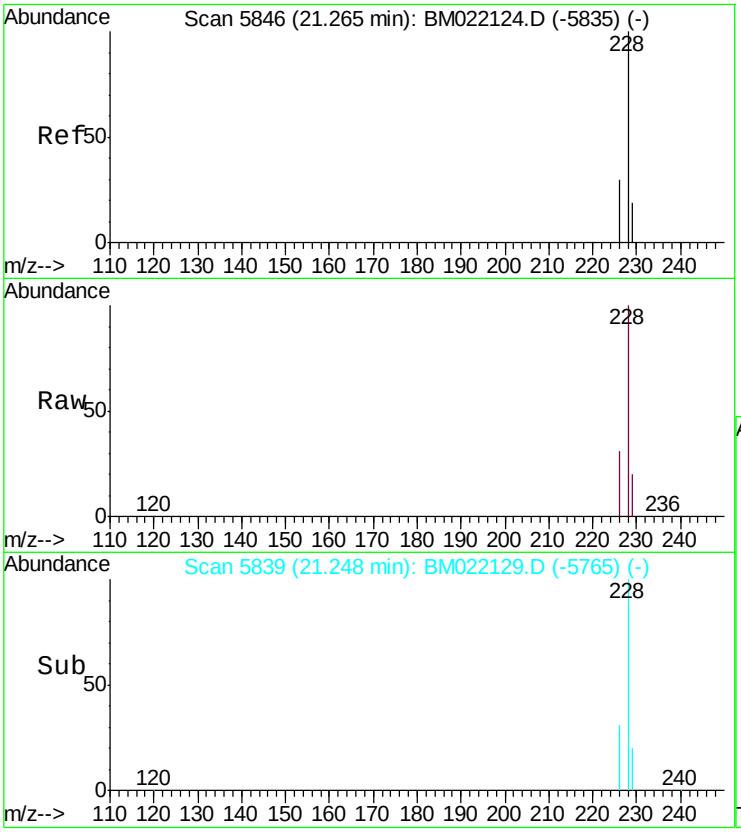


#18
Benzo(a)anthracene
Concen: 36.864 ng/ul m
RT: 21.20 min Scan# 5818
Delta R.T. -0.02 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:228 Resp: 600102

Ion	Ratio	Lower	Upper
228	100		
229	20.4	17.2	25.8
226	28.3	22.6	34.0

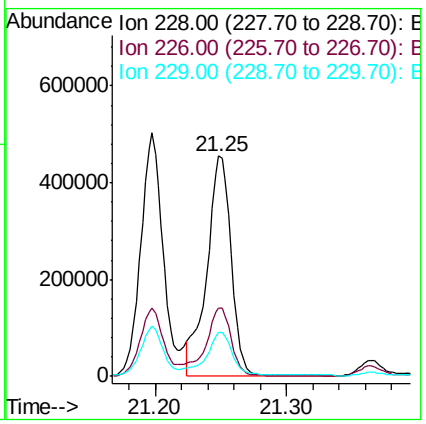




#19
Chrysene
Concen: 27.885 ng/ul
RT: 21.25 min Scan# 5839
Delta R.T. -0.02 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:228 Resp: 583791

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.1	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5P1

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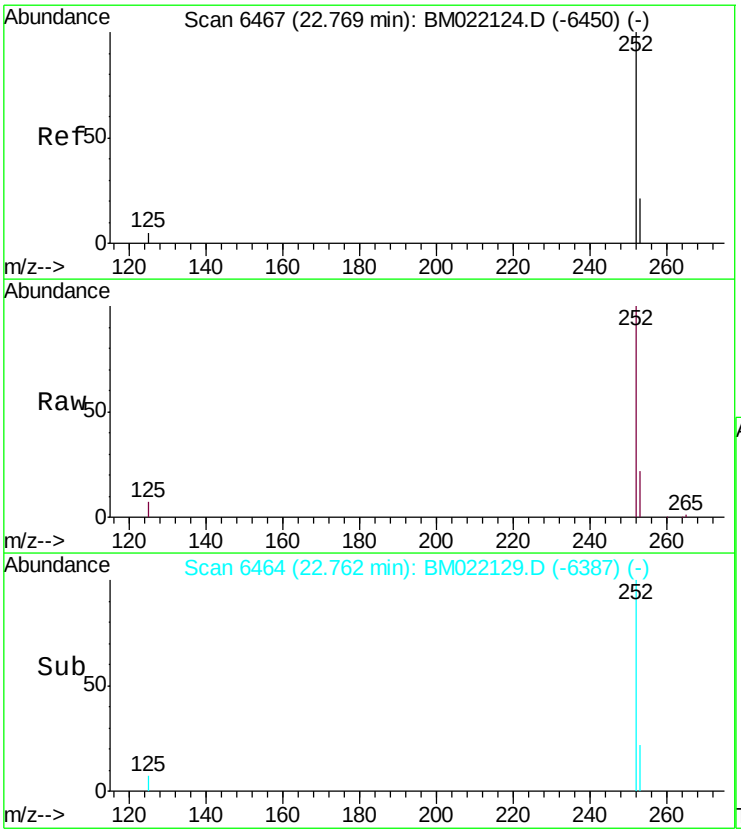
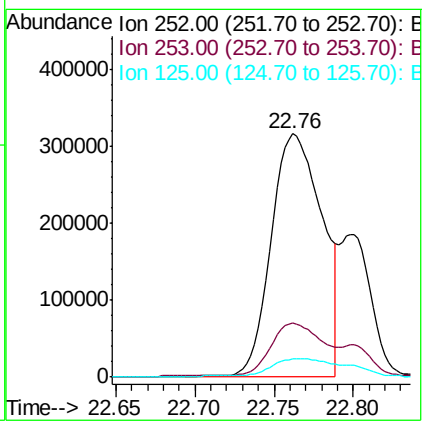
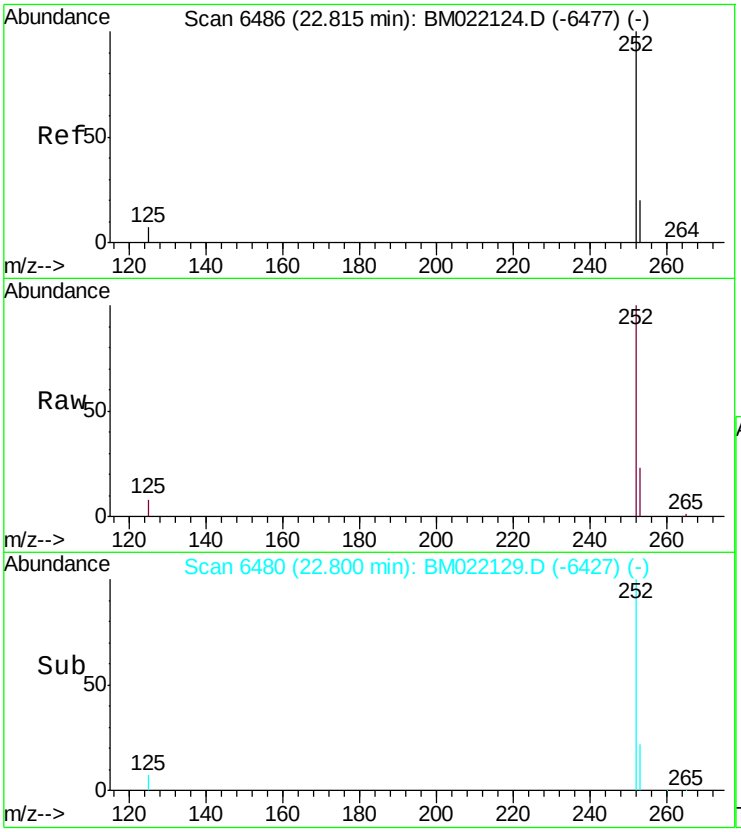


#21
Benzo(b)fluoranthene
Concen: 45.845 ng/ul m
RT: 22.76 min Scan# 6464
Delta R.T. -0.01 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:252 Resp: 709447

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	67.4
125	7.4	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 14.985 ng/ul m
RT: 22.80 min Scan# 6480
Delta R.T. -0.02 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:252 Resp: 262419

Ion	Ratio	Lower	Upper
252	100		
253	22.5	27.0	40.4#
125	8.0	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
CB5P1

Manual Integrations APPROVED
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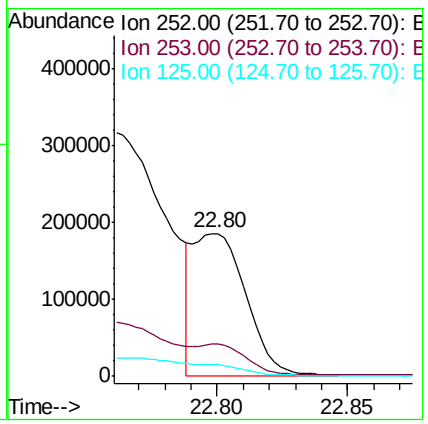
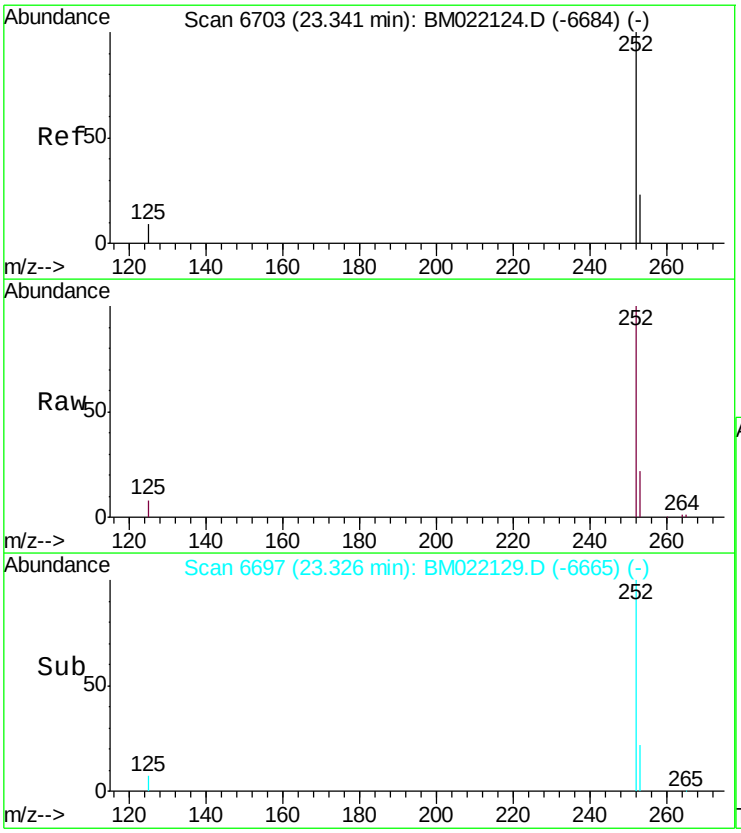
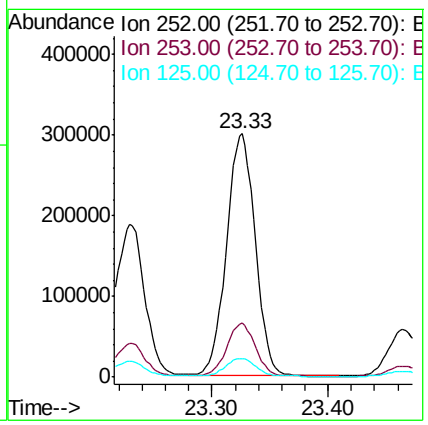


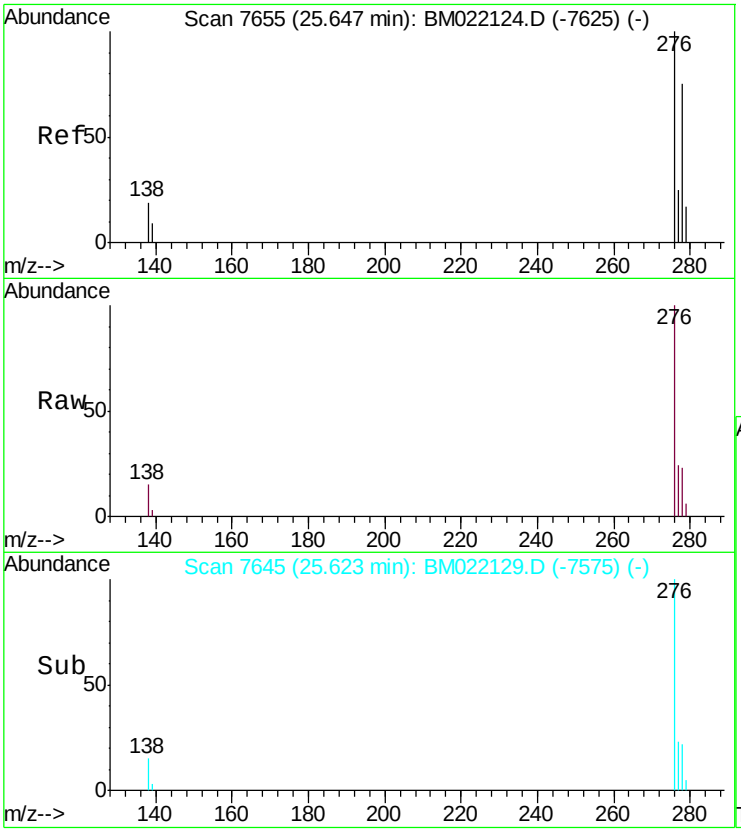


#23
Benzo(a)pyrene
Concen: 32.785 ng/ul
RT: 23.33 min Scan# 6697
Delta R.T. -0.02 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:252 Resp: 515939

Ion	Ratio	Lower	Upper
252	100		
253	22.2	31.7	47.5#
125	7.7	14.6	21.8#

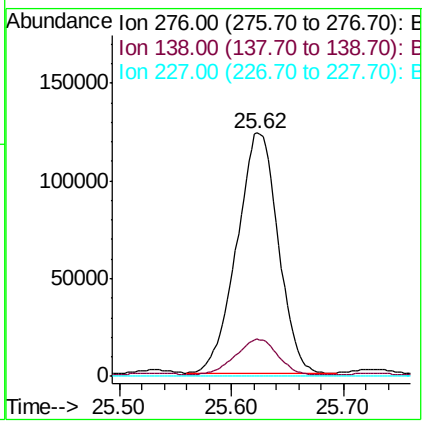




#24
Indeno(1,2,3-cd)pyrene
Concen: 16.842 ng/ul
RT: 25.62 min Scan# 7645
Delta R.T. -0.03 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:276 Resp: 316468

Ion	Ratio	Lower	Upper
276	100		
138	15.3	15.1	22.7
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
CB5P1

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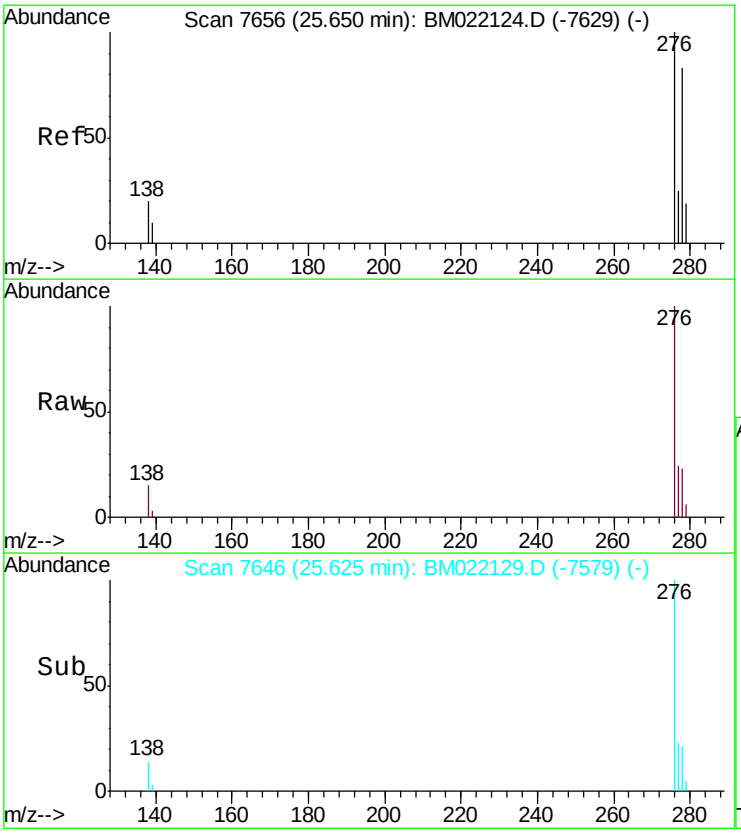
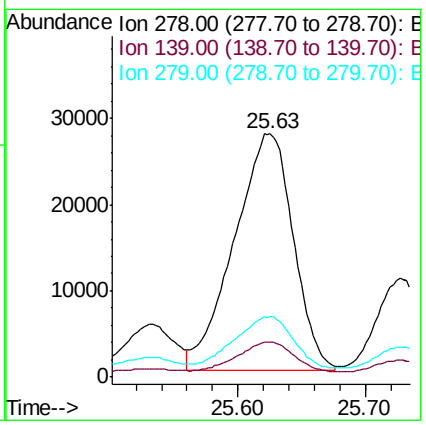
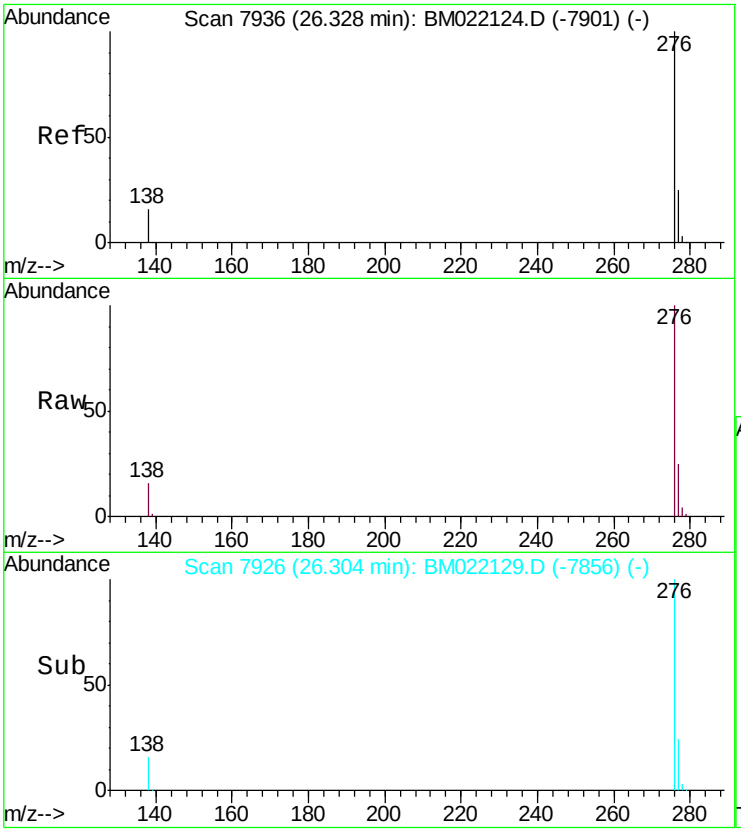


#25
Dibenzo(a,h)anthracene
Concen: 5.794 ng/ul m
RT: 25.63 min Scan# 7646
Delta R.T. -0.04 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:278 Resp: 88001

Ion	Ratio	Lower	Upper
278	100		
139	14.4	14.2	21.2
279	24.9	28.3	42.5#

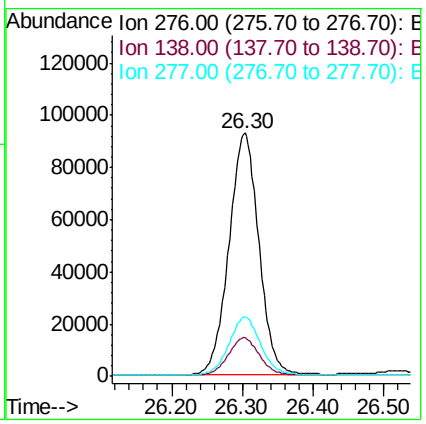




#26
Benzo(g,h,i)perylene
Concen: 15.838 ng/ul
RT: 26.30 min Scan# 7926
Delta R.T. -0.03 min
Lab File: BM022129.D
Acq: 15 Aug 2019 05:12

Tgt Ion:276 Resp: 267932

Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.5	23.3
277	24.6	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
CB5P1

Manual Integrations APPROVED
mohammad
8/15/2019 5:10:09 PM