Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022115.D
Acq On : 14 Aug 2019 19:26
Operator : HP/JU
Sample : K4304-01DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 15 11:09:30 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 :
CB5N2DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	812	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3217	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1677	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	3605	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3665	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	3813	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	481	0.09	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	1083	0.09	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.43	128	3828	0.421	ng/ul	96
5) 2-Methylnaphthalene	12.07	142	1460	0.241	ng/ul	97
7) Acenaphthylene	13.98	152	2115	0.270	ng/ul#	84
8) Acenaphthene	14.32	153	3745	0.585	ng/ul	95
9) Fluorene	15.32	166	3721	0.524	ng/ul	99
12) Phenanthrene	17.05	178	63276	6.032	ng/ul	96
13) Anthracene	17.15	178	13142	1.469	ng/ul	96
15) Fluoranthene	19.08	202	104559	7.441	ng/ul	95
17) Pyrene	19.45	202	88977	5.908	ng/ul	98
18) Benzo(a)anthracene	21.20	228	49354	3.765	ng/ul	99
19) Chrysene	21.26	228	48405	2.871	ng/ul	100
21) Benzo(b)fluoranthene	22.77	252	64441m	5.012	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	25641m	1.762	ng/ul	
23) Benzo(a)pyrene	23.33	252	43192	3.303	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.64	276	30162	1.932	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	7774	0.616	ng/ul	94
26) Benzo(g,h,i)perylene	26.31	276	24163	1.719	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022115.D
Acq On : 14 Aug 2019 19:26
Operator : HP/JU
Sample : K4304-01DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 15 11:09:30 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 :
CB5N2DL

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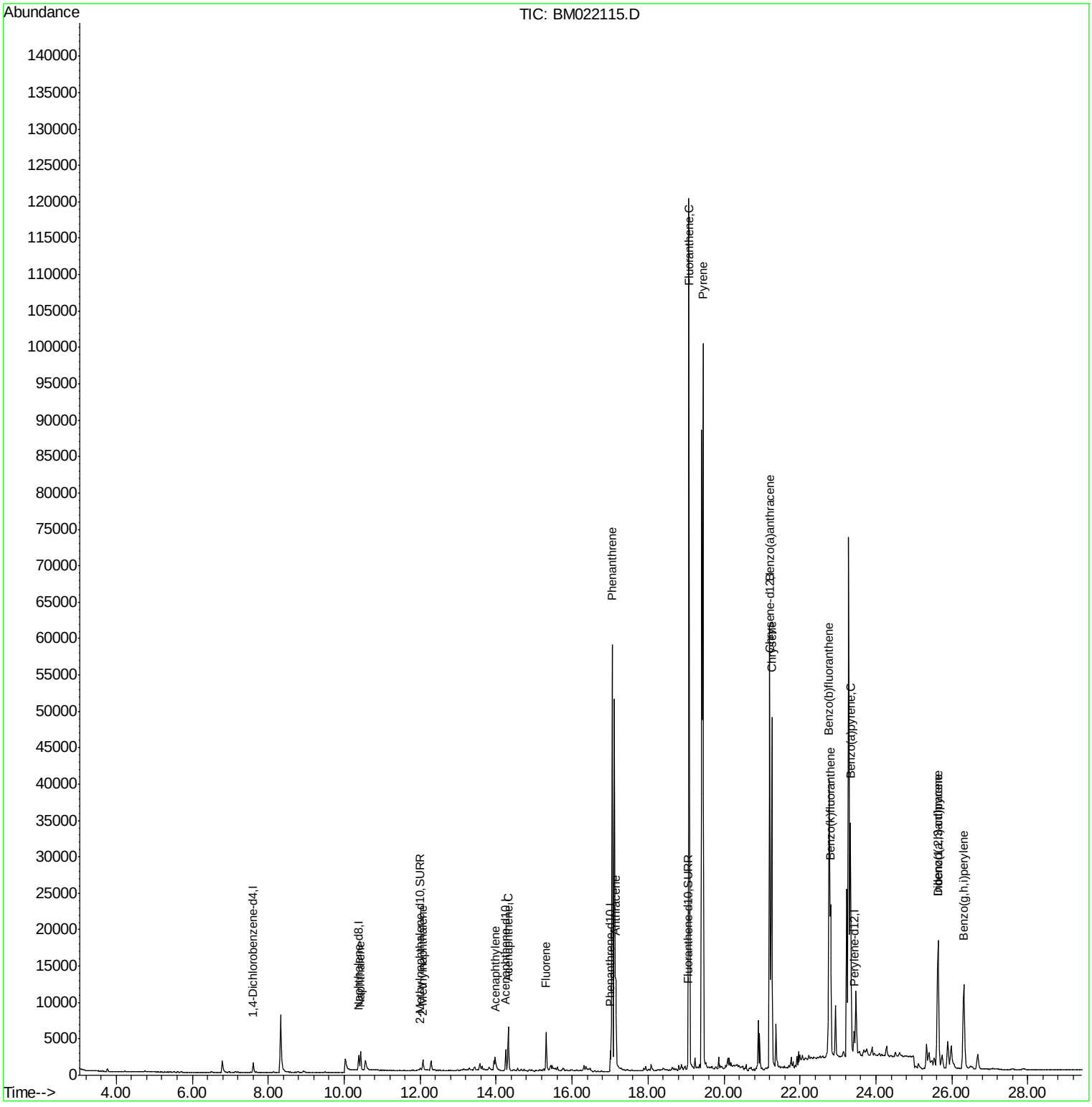

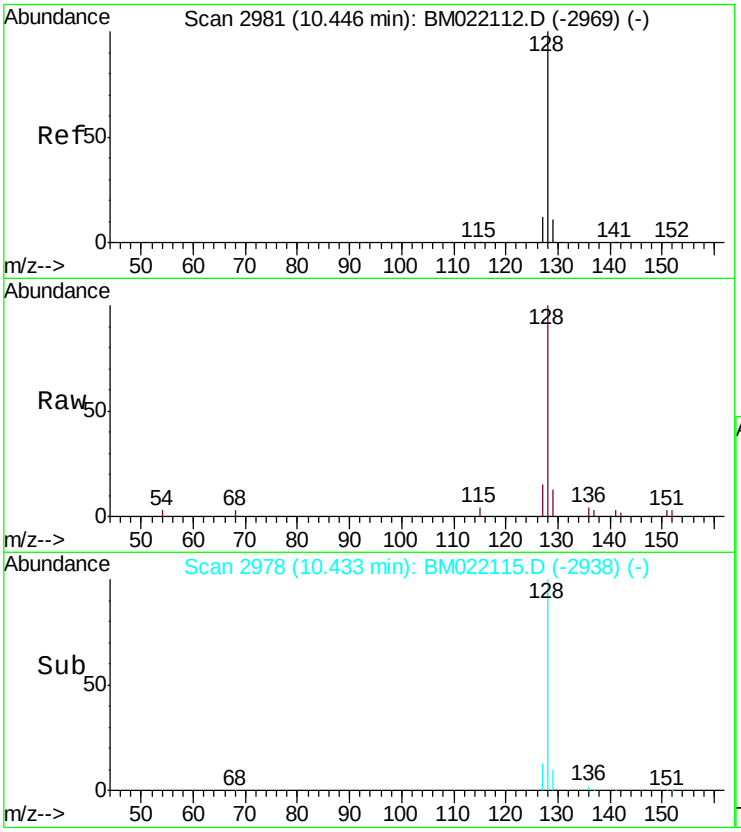

#3
Naphthalene
Concen: 0.421 ng/ul
RT: 10.43 min Scan# 2978
Delta R.T. -0.02 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:128 Resp: 3828

Ion	Ratio	Lower	Upper
128	100		
129	13.1	12.3	18.5
127	14.9	13.0	19.6

Instrument :
BNA_M
ClientSampleId :
CB5N2DL

Manual Integrations APPROVED
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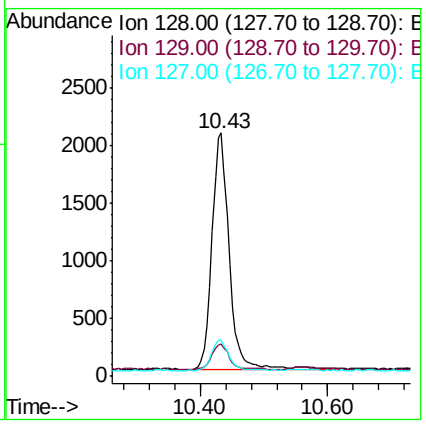
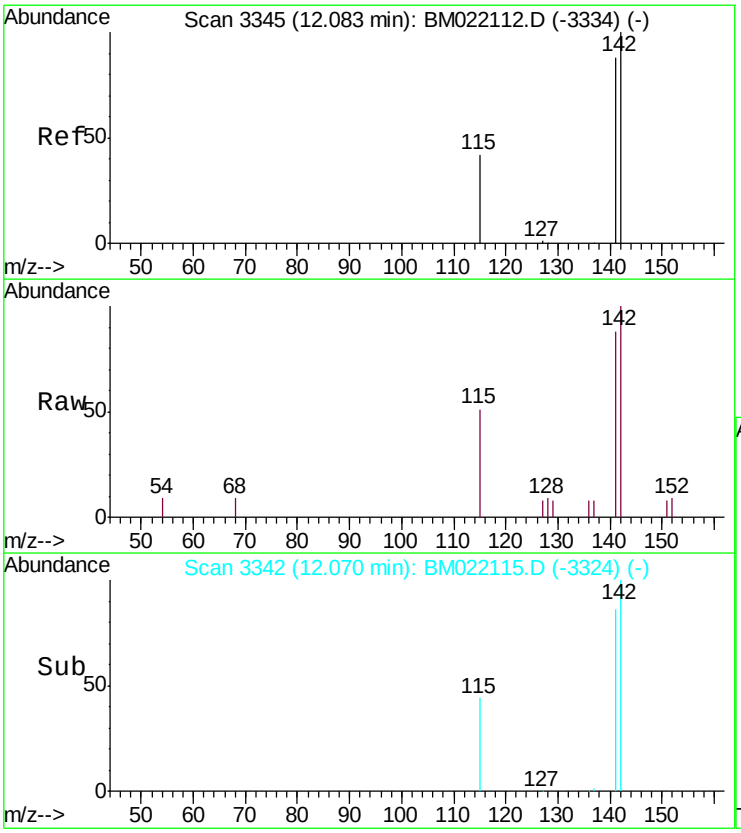
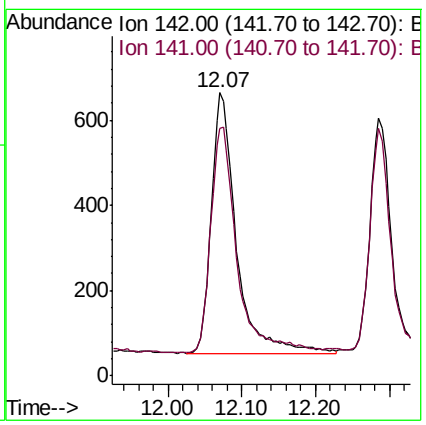


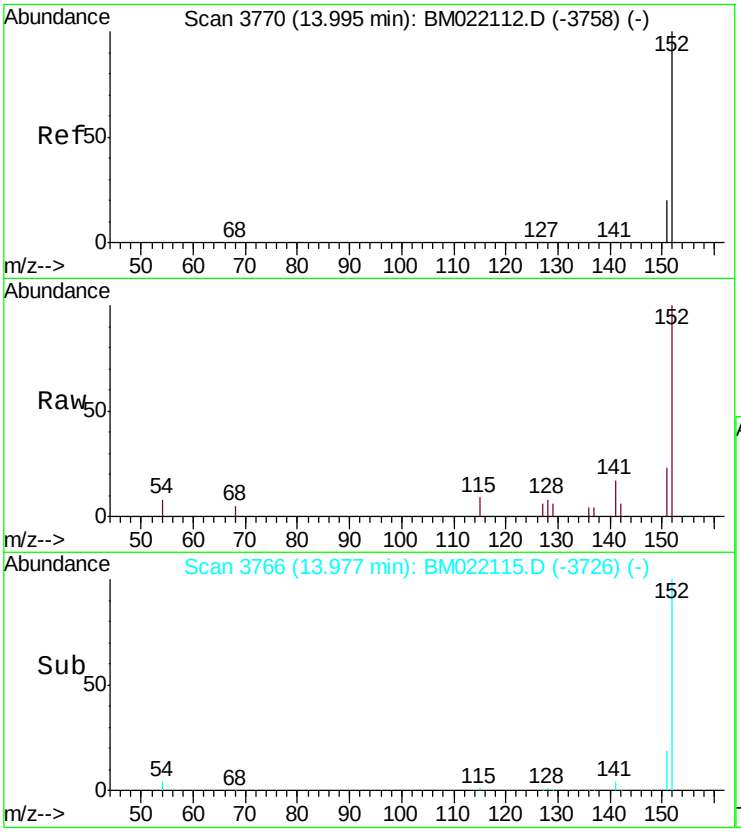


#5
2-Methylnaphthalene
Concen: 0.241 ng/ul
RT: 12.07 min Scan# 3342
Delta R.T. -0.02 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:142 Resp: 1460

Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.3	111.5

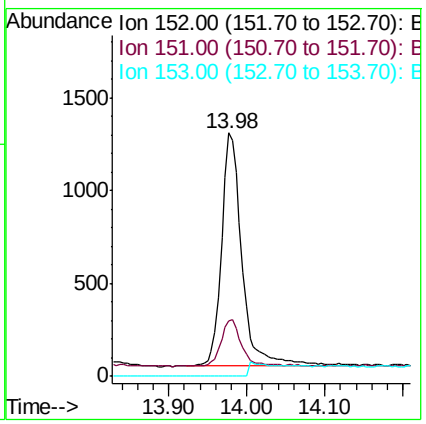




#7
Acenaphthylene
Concen: 0.270 ng/ul
RT: 13.98 min Scan# 3766
Delta R.T. -0.02 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:152 Resp: 2115

Ion	Ratio	Lower	Upper
152	100		
151	22.7	18.3	27.5
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
CB5N2DL

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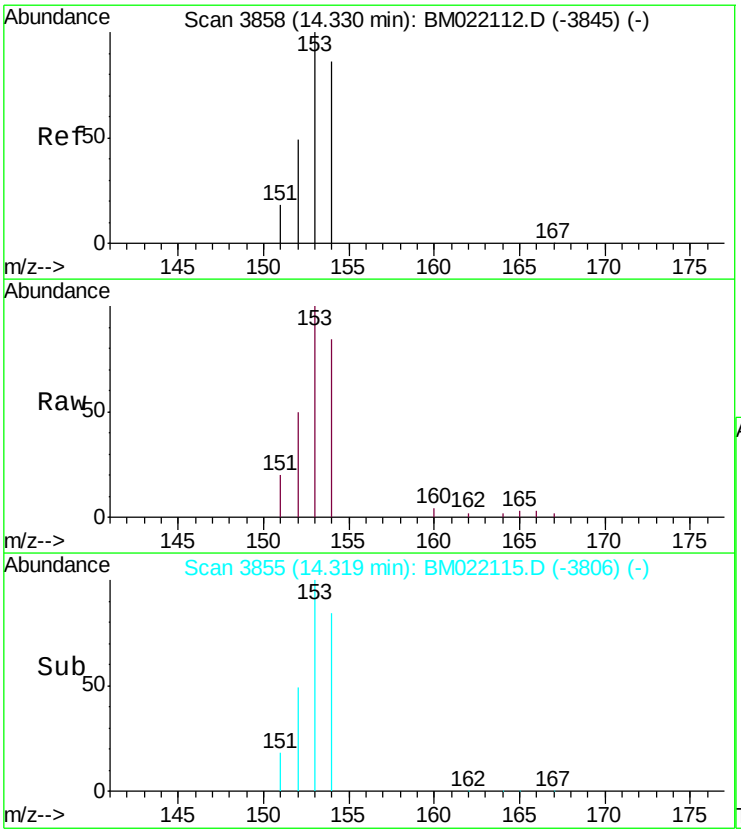
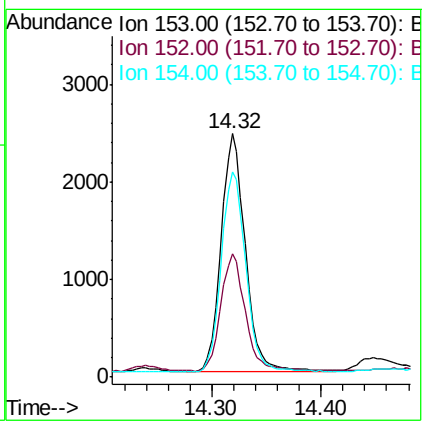
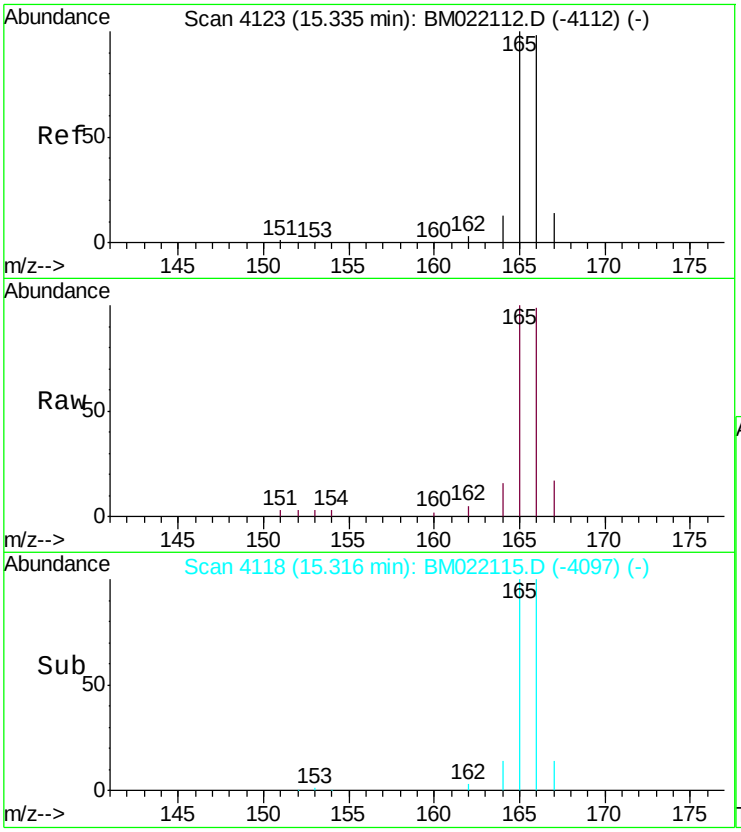


#8
Acenaphthene
Concen: 0.585 ng/ul
RT: 14.32 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:153 Resp: 3745

Ion	Ratio	Lower	Upper
153	100		
152	50.4	41.3	61.9
154	84.0	72.3	108.5

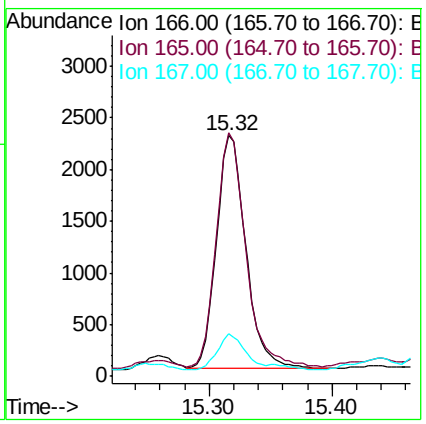




#9
Fluorene
Concen: 0.524 ng/ul
RT: 15.32 min Scan# 4118
Delta R.T. -0.02 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:166 Resp: 3721

Ion	Ratio	Lower	Upper
166	100		
165	101.2	81.4	122.0
167	17.5	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
CB5N2DL

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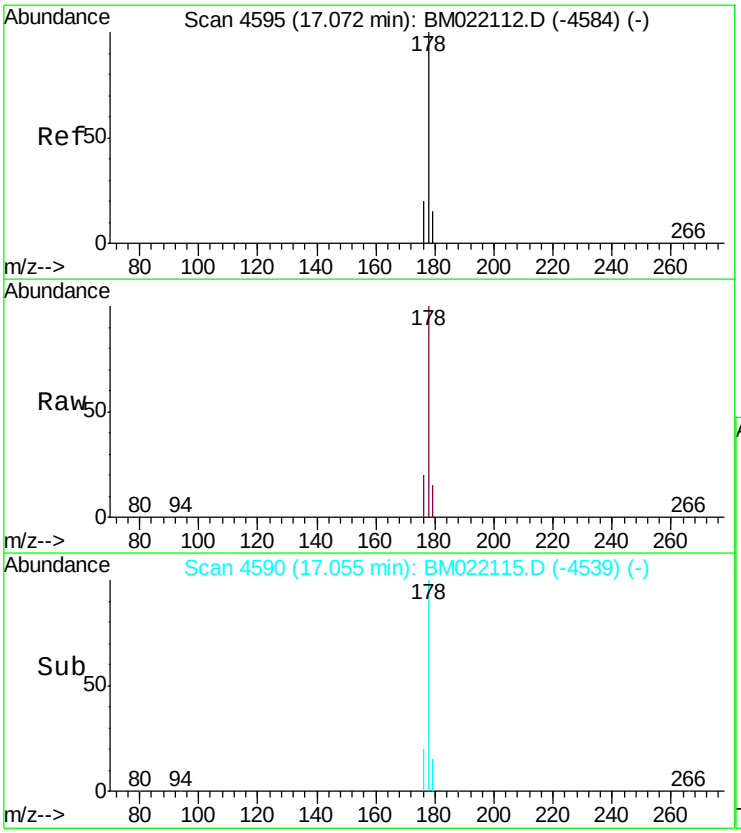
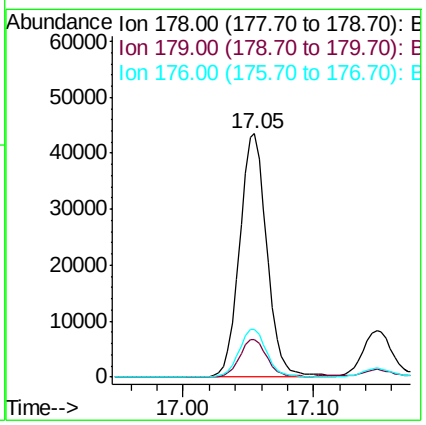
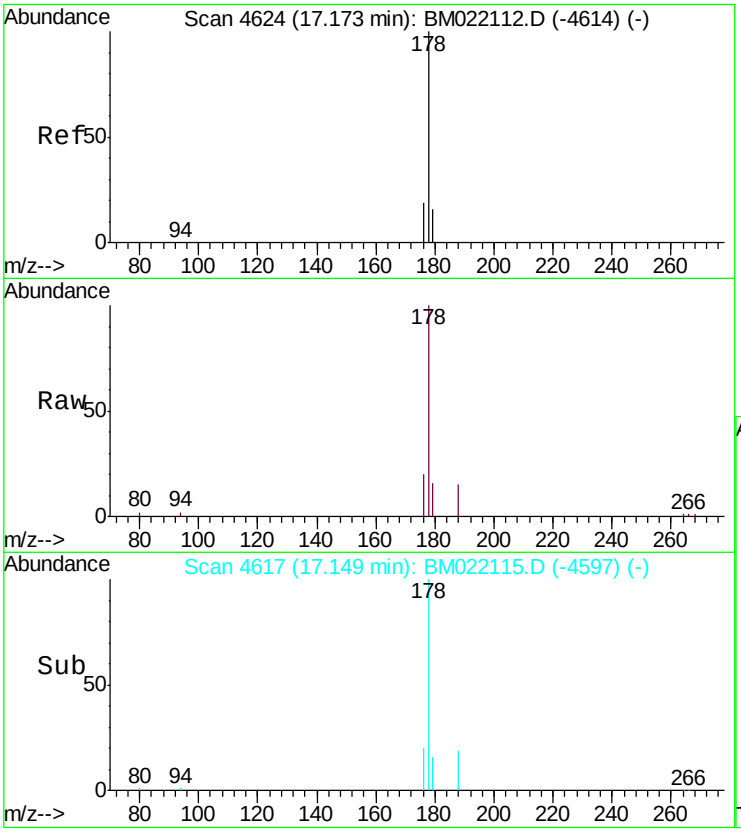


#12
Phenanthrene
Concen: 6.032 ng/ul
RT: 17.05 min Scan# 4590
Delta R.T. -0.02 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:178 Resp: 63276

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

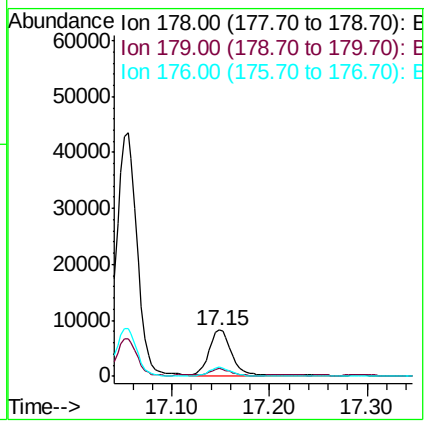




#13
Anthracene
Concen: 1.469 ng/ul
RT: 17.15 min Scan# 4617
Delta R.T. -0.03 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:178 Resp: 13142

Ion	Ratio	Lower	Upper
178	100		
179	16.4	15.5	23.3
176	20.1	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5N2DL

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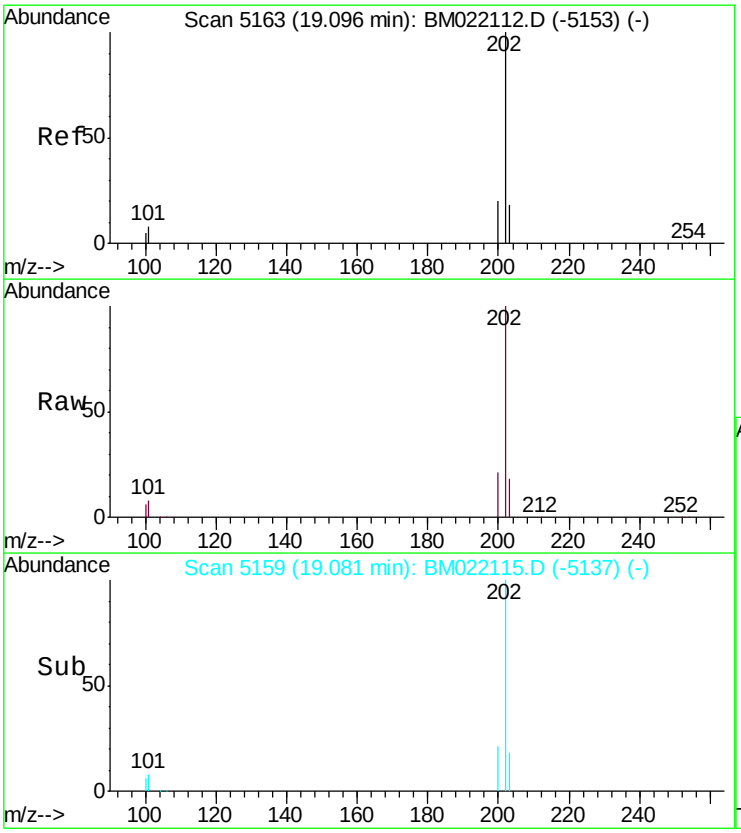
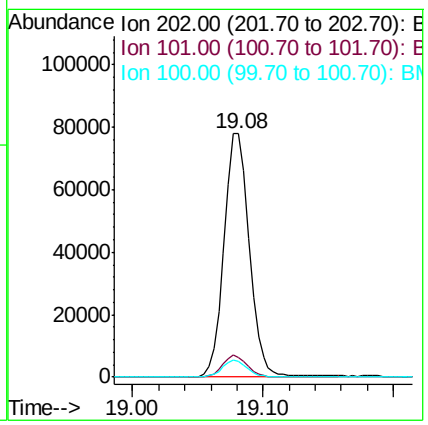
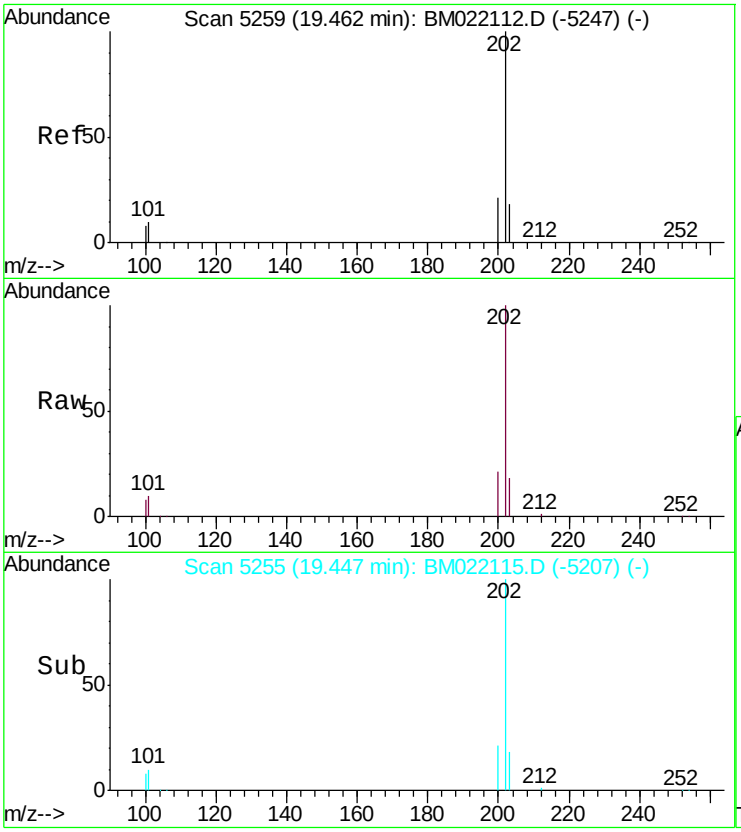


#15
Fluoranthene
Concen: 7.441 ng/ul
RT: 19.08 min Scan# 5159
Delta R.T. -0.02 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:202 Resp: 104559

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	30.2
100	6.4	0.0	28.1

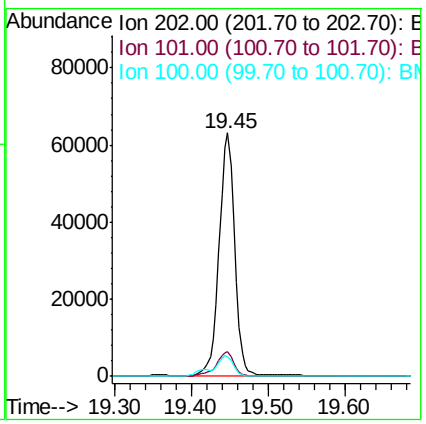




#17
Pyrene
Concen: 5.908 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.02 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:202 Resp: 88977

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.3	12.5
100	8.1	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
CB5N2DL

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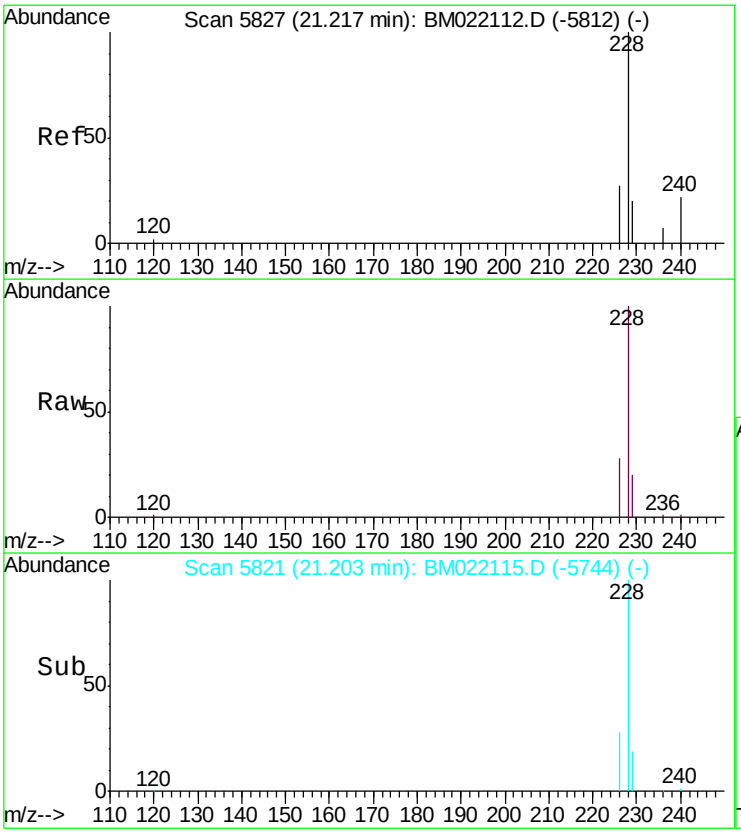
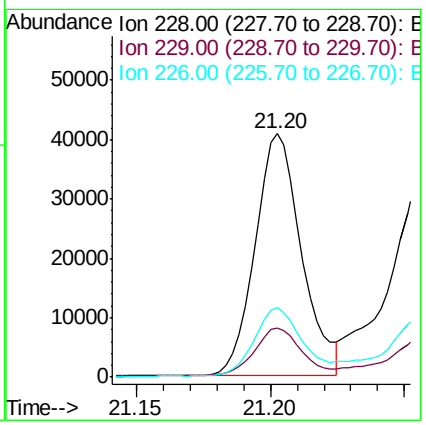
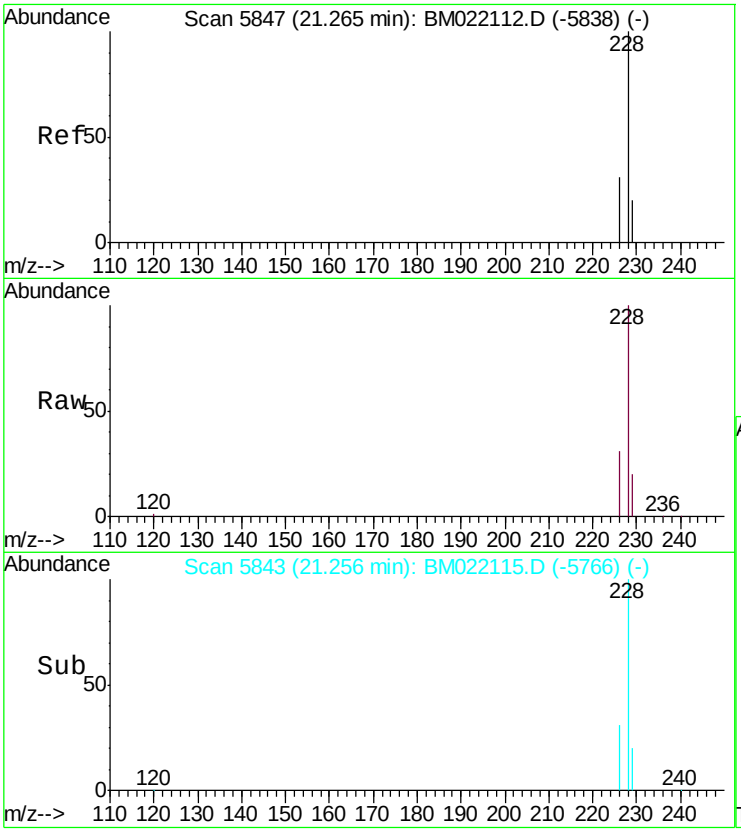


#18
Benzo(a)anthracene
Concen: 3.765 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.01 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:228 Resp: 49354

Ion	Ratio	Lower	Upper
228	100		
229	20.0	17.2	25.8
226	28.3	22.6	34.0

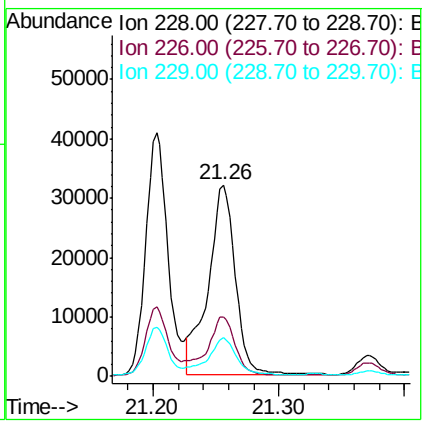




#19
Chrysene
Concen: 2.871 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. -0.01 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:228 Resp: 48405

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.3	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5N2DL

Manual Integrations APPROVED
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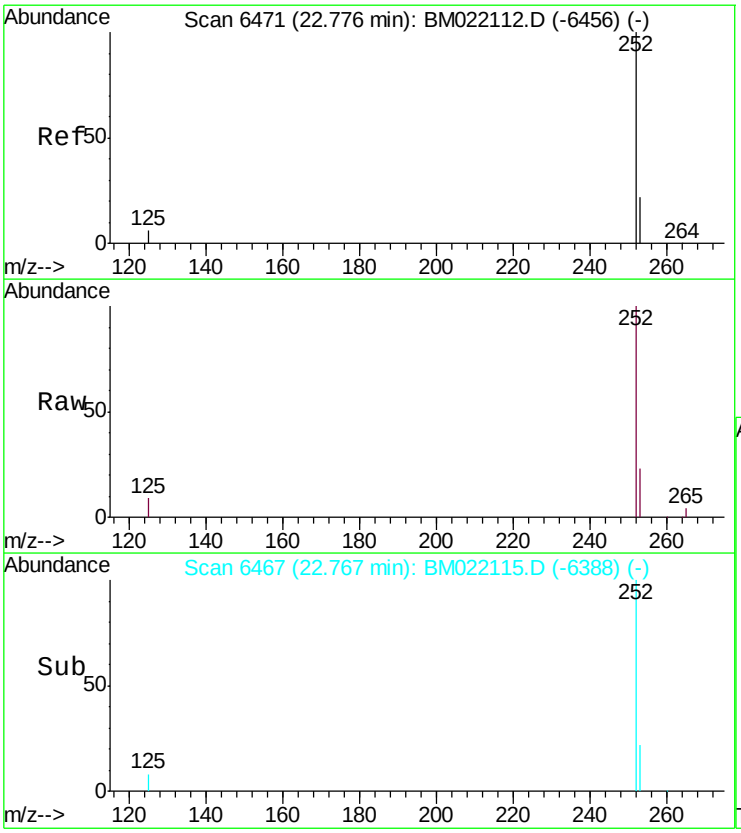
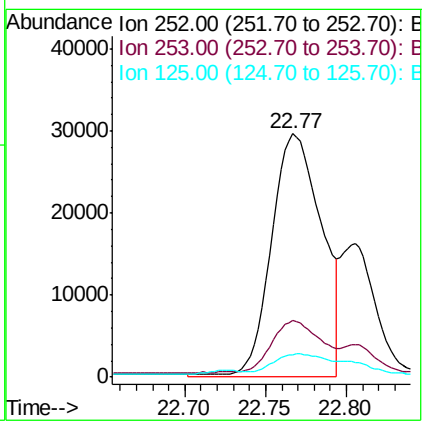
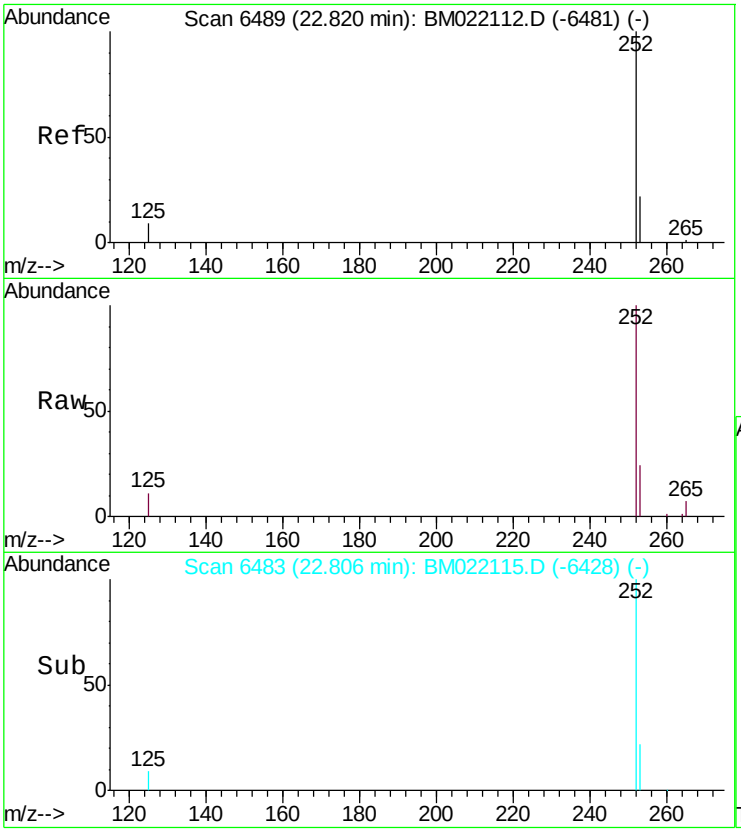


#21
Benzo(b)fluoranthene
Concen: 5.012 ng/ul m
RT: 22.77 min Scan# 6467
Delta R.T. -0.01 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:252 Resp: 64441

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	67.4
125	9.3	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 1.762 ng/ul m
RT: 22.81 min Scan# 6483
Delta R.T. -0.02 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:252 Resp: 25641

Ion	Ratio	Lower	Upper
252	100		
253	24.4	27.0	40.4#
125	11.2	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
CB5N2DL

Manual Integrations APPROVED
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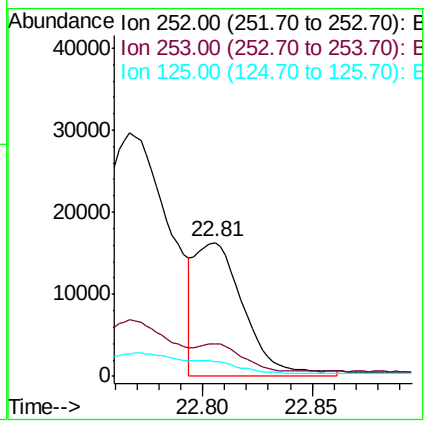
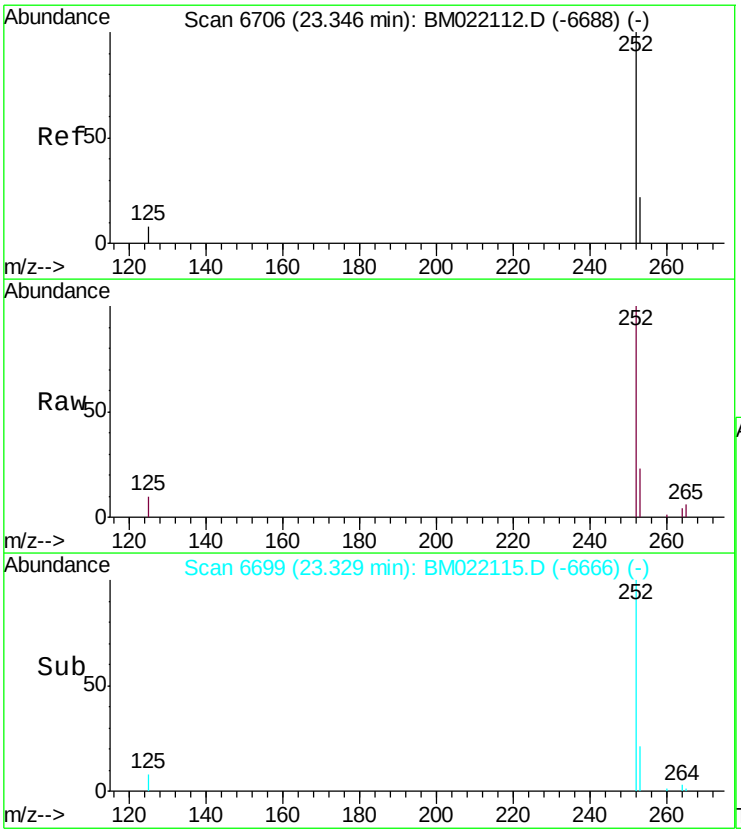
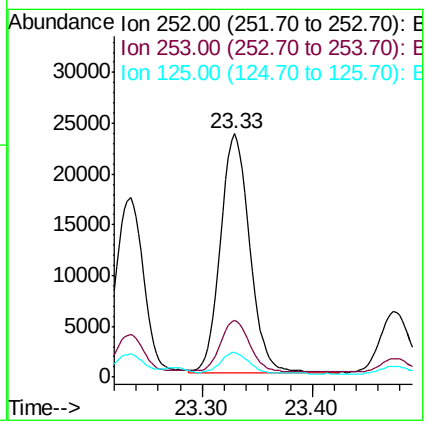


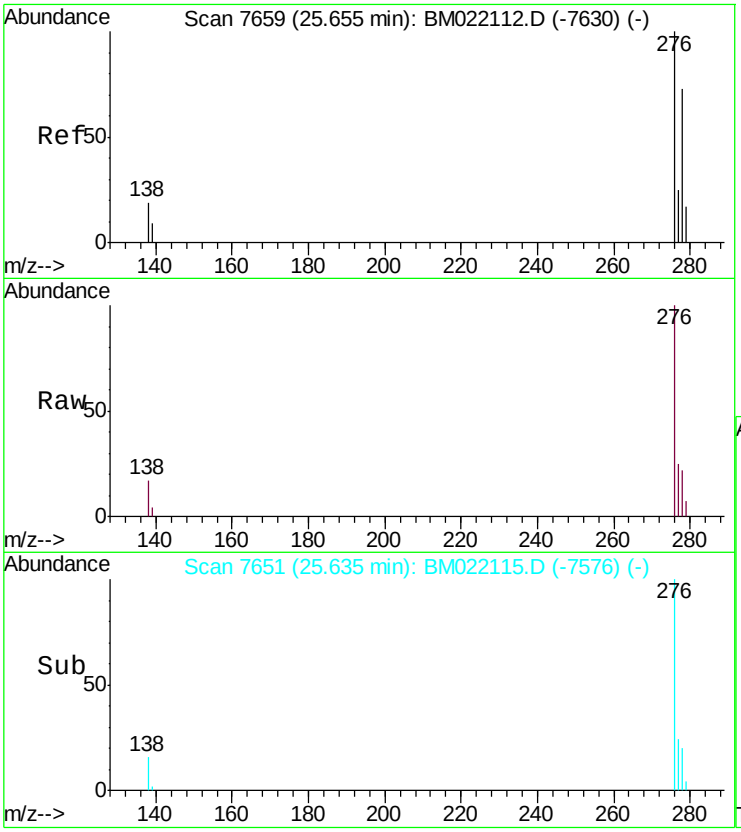


#23
Benzo(a)pyrene
Concen: 3.303 ng/ul
RT: 23.33 min Scan# 6699
Delta R.T. -0.02 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:252 Resp: 43192

Ion	Ratio	Lower	Upper
252	100		
253	23.3	31.7	47.5#
125	10.0	14.6	21.8#

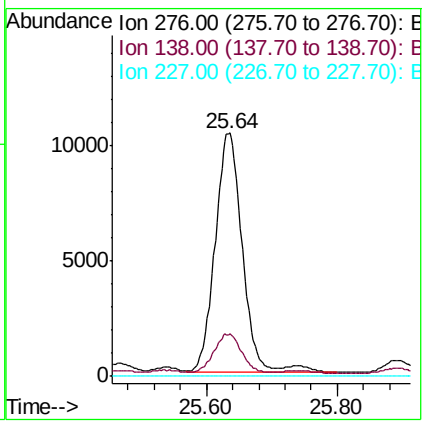




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.932 ng/ul
RT: 25.64 min Scan# 7651
Delta R.T. -0.02 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:276 Resp: 30162

Ion	Ratio	Lower	Upper
276	100		
138	16.1	15.1	22.7
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
CB5N2DL

Manual Integrations APPROVED
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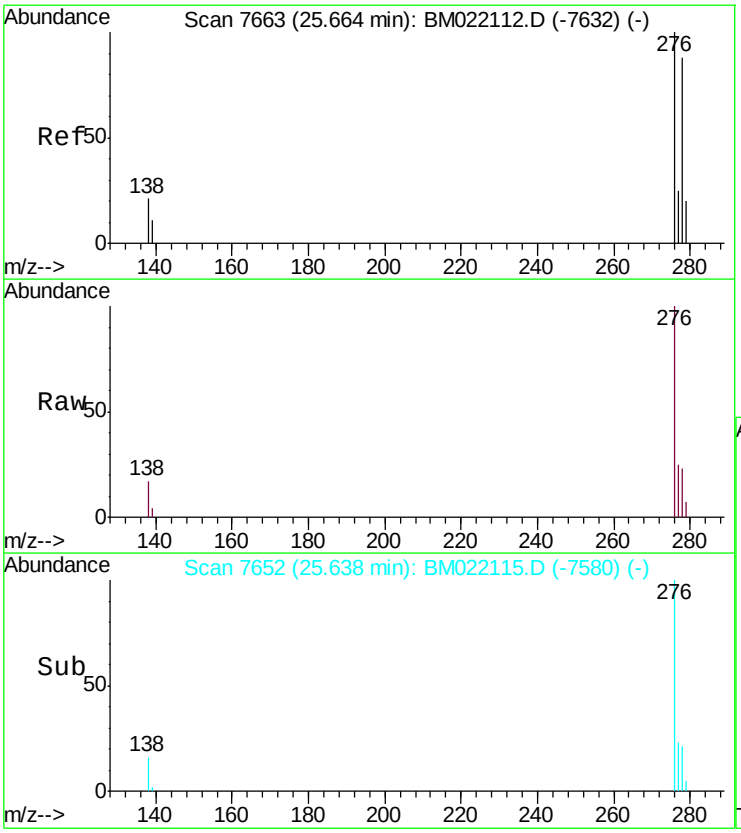
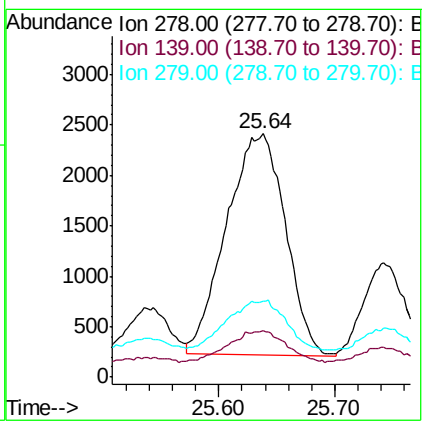
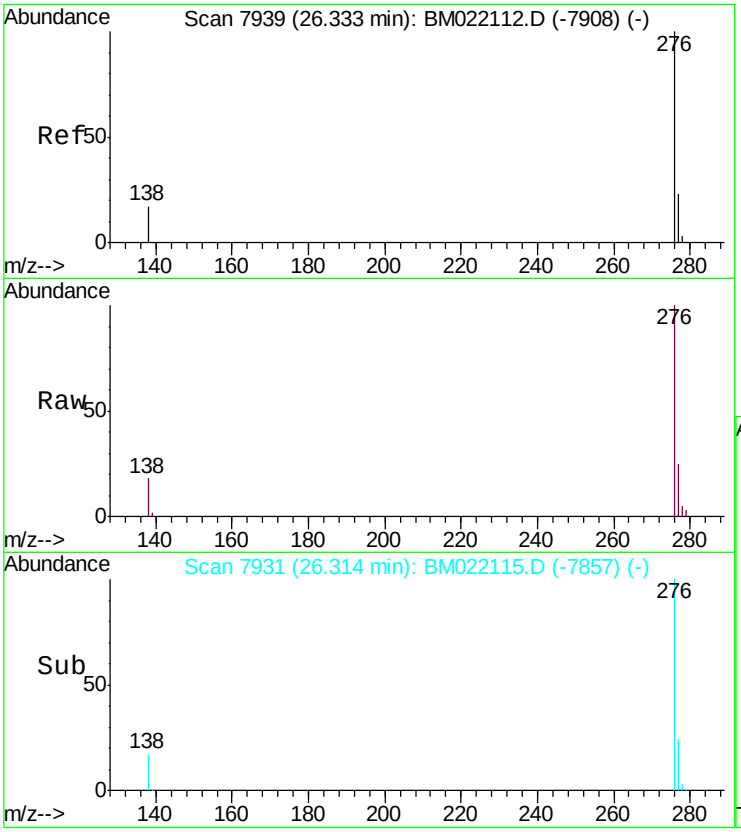


#25
Dibenzo(a,h)anthracene
Concen: 0.616 ng/ul
RT: 25.64 min Scan# 7652
Delta R.T. -0.03 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:278 Resp: 7774

Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.2	21.2
279	30.9	28.3	42.5

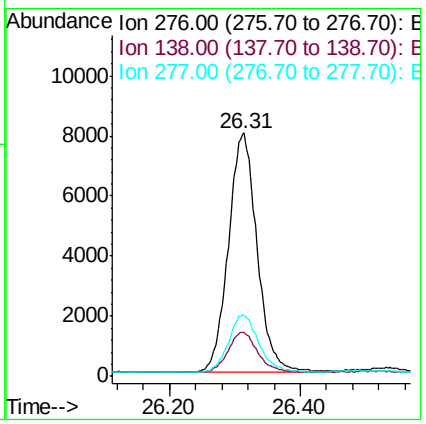




#26
Benzo(g,h,i)perylene
Concen: 1.719 ng/ul
RT: 26.31 min Scan# 7931
Delta R.T. -0.02 min
Lab File: BM022115.D
Acq: 14 Aug 2019 19:26

Tgt Ion:276 Resp: 24163

Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.5	23.3
277	25.1	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
CB5N2DL

Manual Integrations APPROVED
mohammad
8/15/2019 5:09:26 PM