Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022100.D
Acq On : 14 Aug 2019 10:15
Operator : HP/JU
Sample : K4304-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 14:11:44 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 :
CB5N3

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	818	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.37	136	3378	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1746	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	3758m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3478m	0.40	ng/ul	-0.01
20) Perylene-d12	23.42	264	3486m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2060	0.37	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	4516m	0.36	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.43	128	12706	1.332	ng/ul#	92
5) 2-Methylnaphthalene	12.06	142	4590	0.722	ng/ul	96
7) Acenaphthylene	13.97	152	5793	0.711	ng/ul#	83
8) Acenaphthene	14.32	153	14692	2.205	ng/ul	97
9) Fluorene	15.31	166	13744	1.857	ng/ul	99
12) Phenanthrene	17.05	178	216480m	19.798	ng/ul	
13) Anthracene	17.14	178	47049m	5.044	ng/ul	
15) Fluoranthene	19.08	202	363968m	24.848	ng/ul	
17) Pyrene	19.45	202	301785	21.115	ng/ul	97
18) Benzo(a)anthracene	21.20	228	175927m	14.141	ng/ul	
19) Chrysene	21.25	228	163423	10.214	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	231262m	19.673	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	76331m	5.738	ng/ul	
23) Benzo(a)pyrene	23.33	252	148892	12.455	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.63	276	103503	7.251	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	28576m	2.477	ng/ul	
26) Benzo(g,h,i)perylene	26.30	276	91164	7.094	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\
Data File : BM022100.D
Acq On : 14 Aug 2019 10:15
Operator : HP/JU
Sample : K4304-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 14:11:44 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 :
CB5N3

Manual Integrations APPROVED
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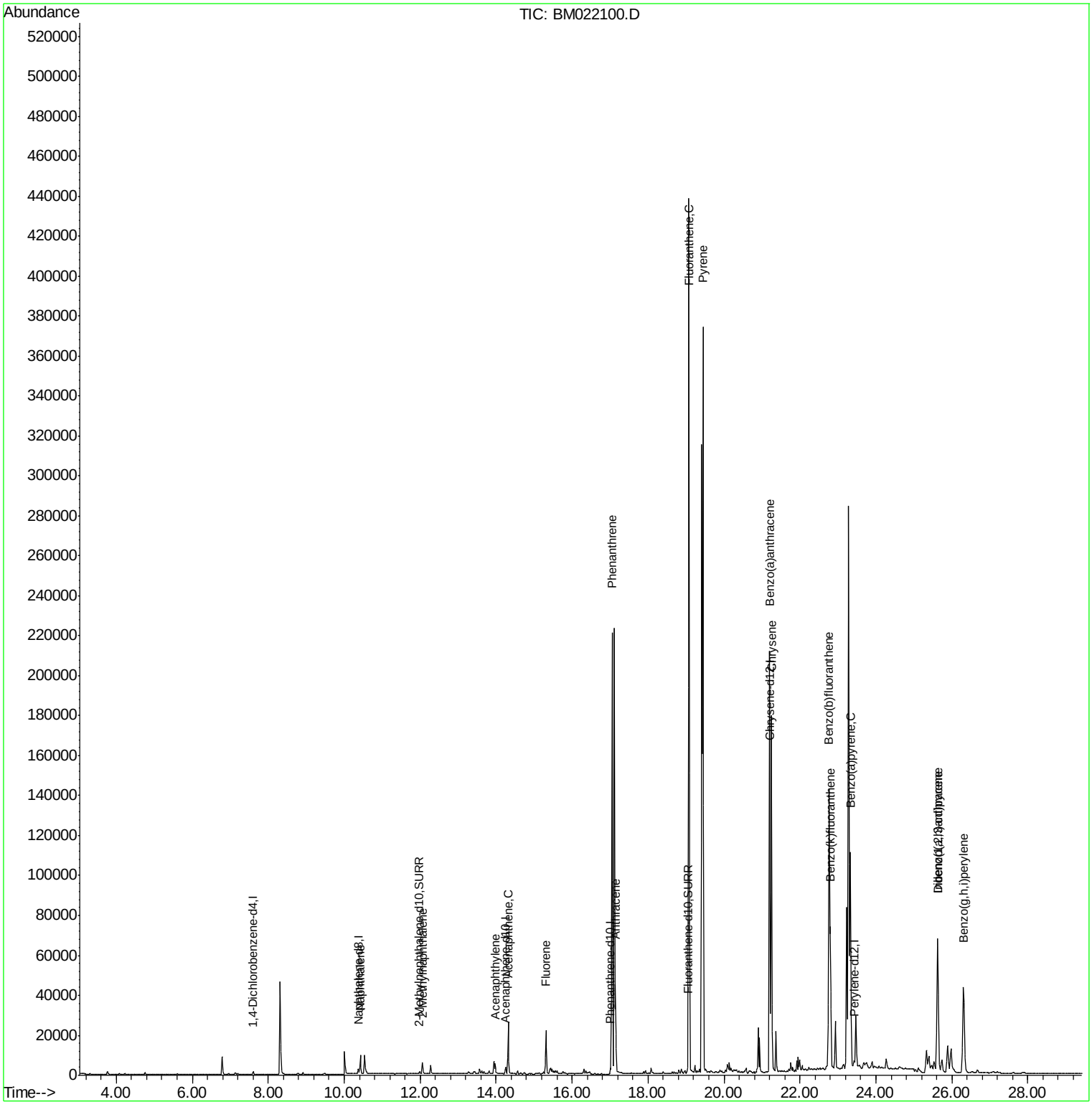

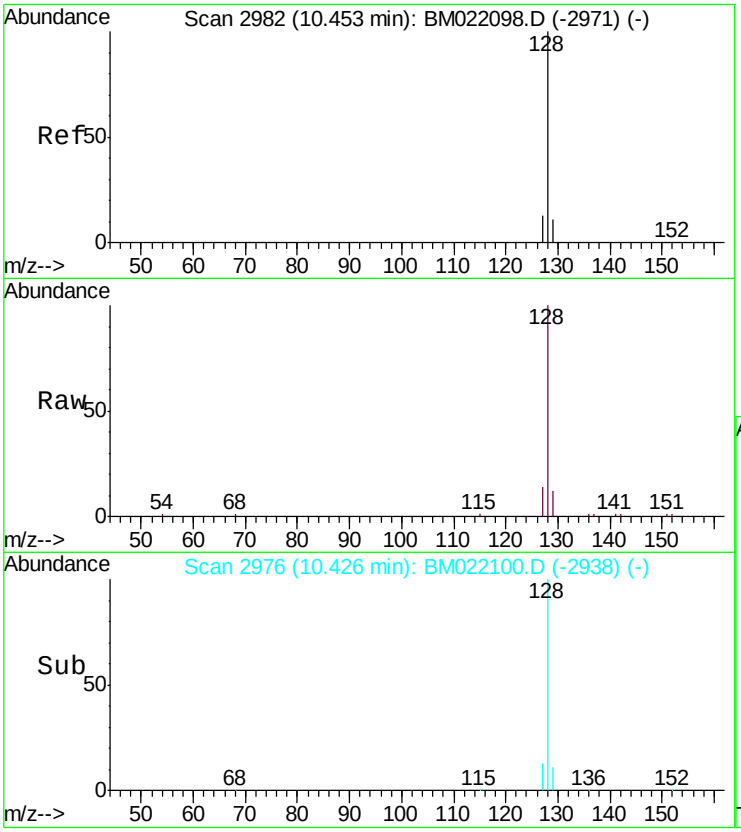

#3
Naphthalene
Concen: 1.332 ng/ul
RT: 10.43 min Scan# 2976
Delta R.T. -0.03 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:128 Resp: 12706

Ion	Ratio	Lower	Upper
128	100		
129	11.8	12.3	18.5#
127	13.5	13.0	19.6

Instrument :
BNA_M
ClientSampleId :
CB5N3

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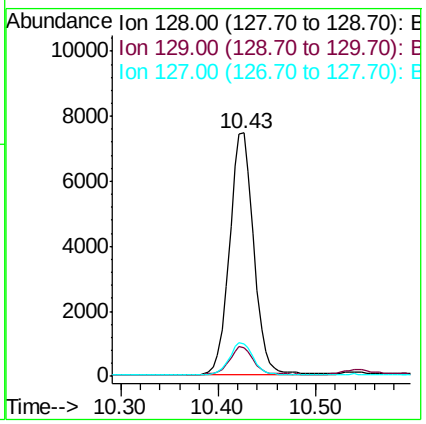
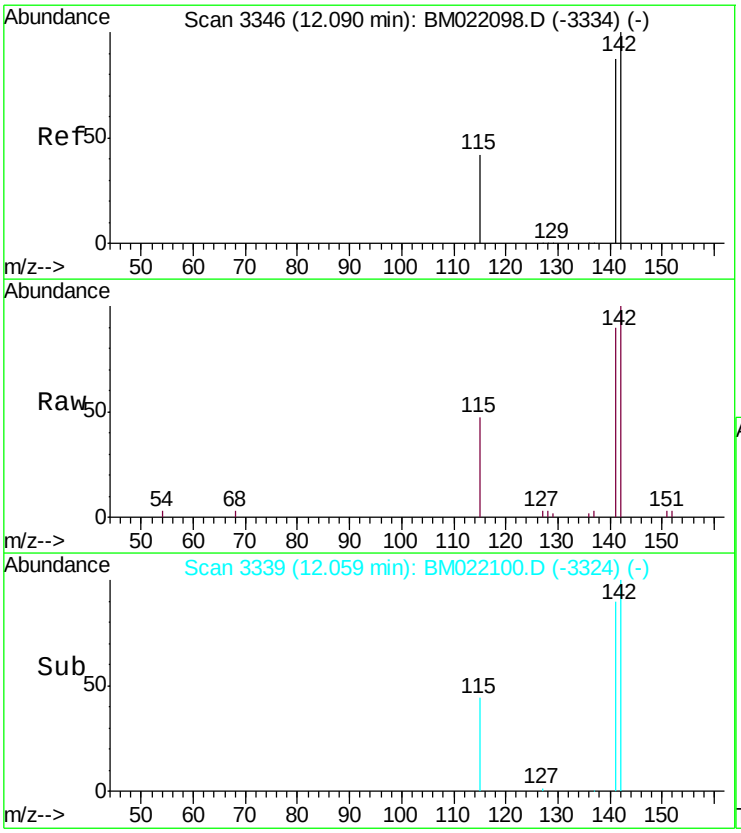
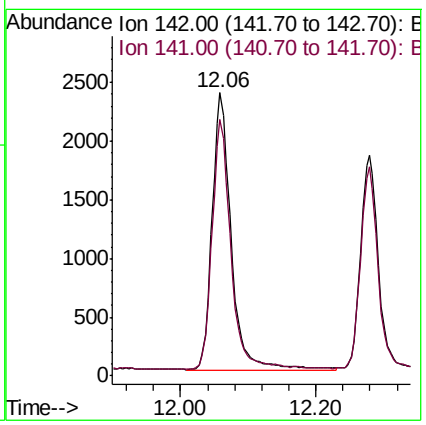


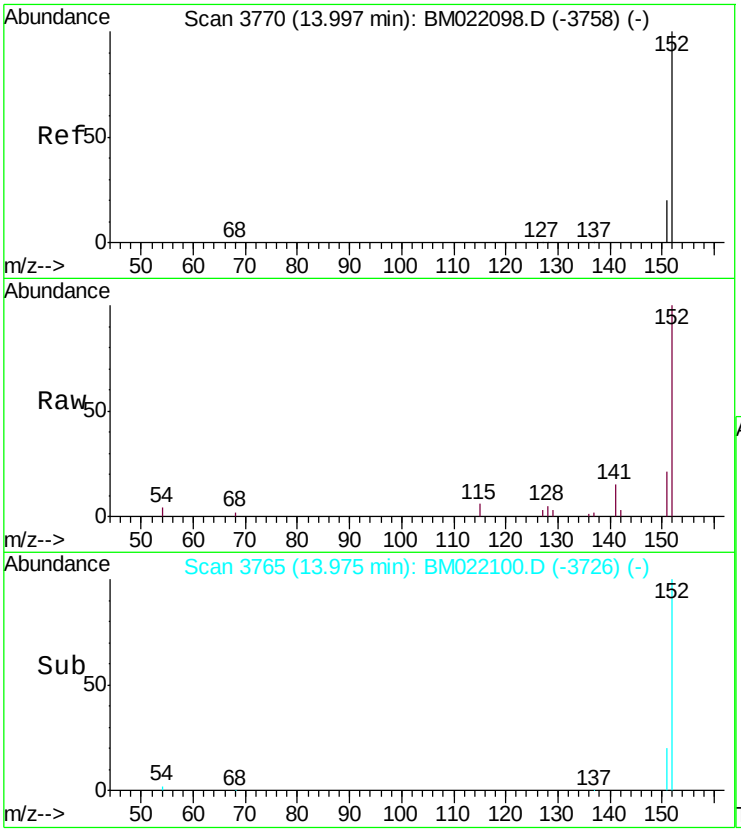


#5
2-Methylnaphthalene
Concen: 0.722 ng/ul
RT: 12.06 min Scan# 3339
Delta R.T. -0.03 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:142 Resp: 4590

Ion	Ratio	Lower	Upper
142	100		
141	89.4	74.3	111.5

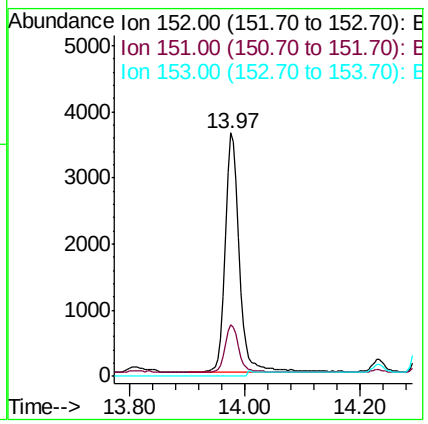




#7
Acenaphthylene
Concen: 0.711 ng/ul
RT: 13.97 min Scan# 3765
Delta R.T. -0.02 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:152 Resp: 5793

Ion	Ratio	Lower	Upper
152	100		
151	21.4	18.3	27.5
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
CB5N3

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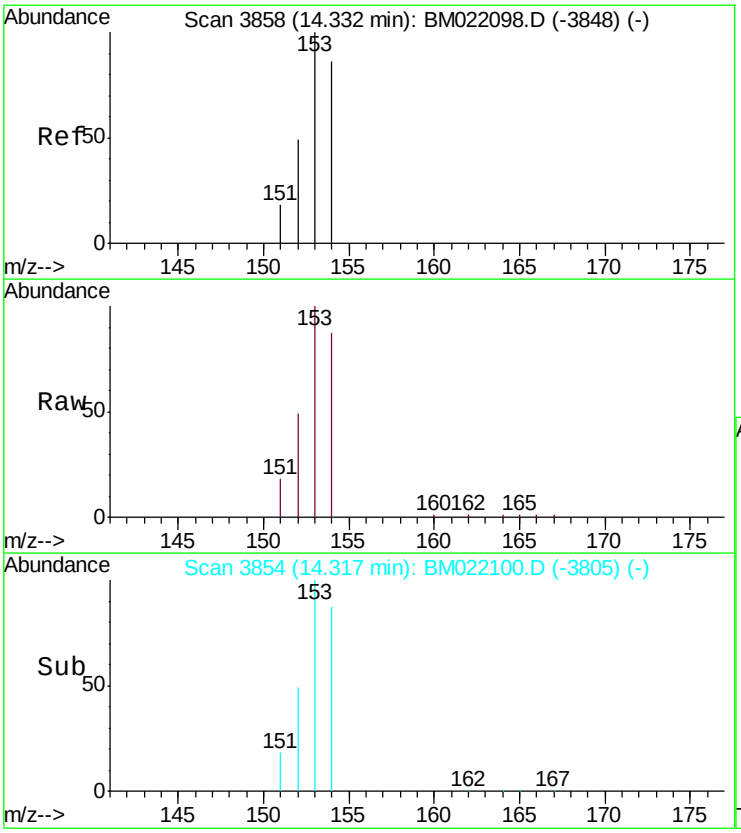
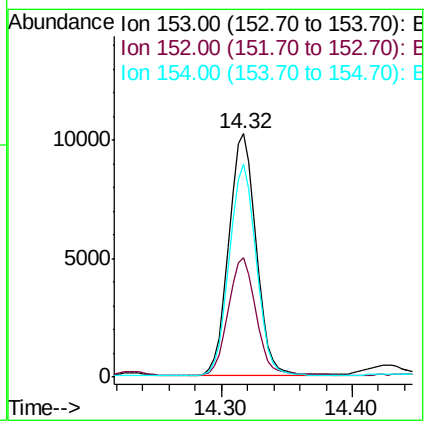
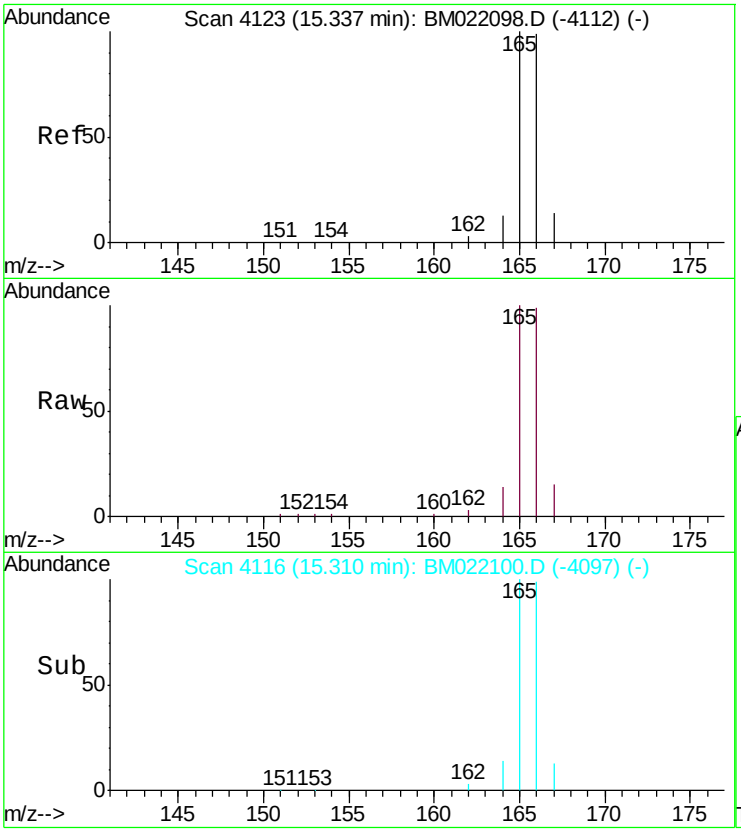


#8
Acenaphthene
Concen: 2.205 ng/ul
RT: 14.32 min Scan# 3854
Delta R.T. -0.02 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:153 Resp: 14692

Ion	Ratio	Lower	Upper
153	100		
152	49.1	41.3	61.9
154	87.2	72.3	108.5

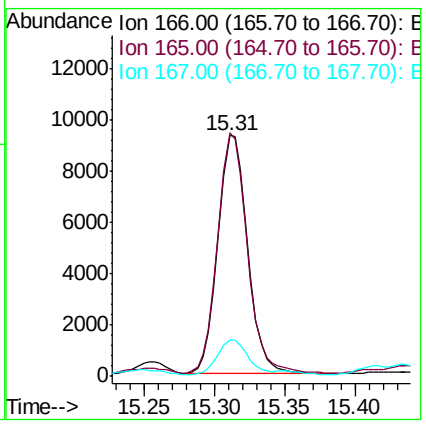




#9
Fluorene
Concen: 1.857 ng/ul
RT: 15.31 min Scan# 4116
Delta R.T. -0.03 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:166 Resp: 13744

Ion	Ratio	Lower	Upper
166	100		
165	101.1	81.4	122.0
167	15.0	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
CB5N3

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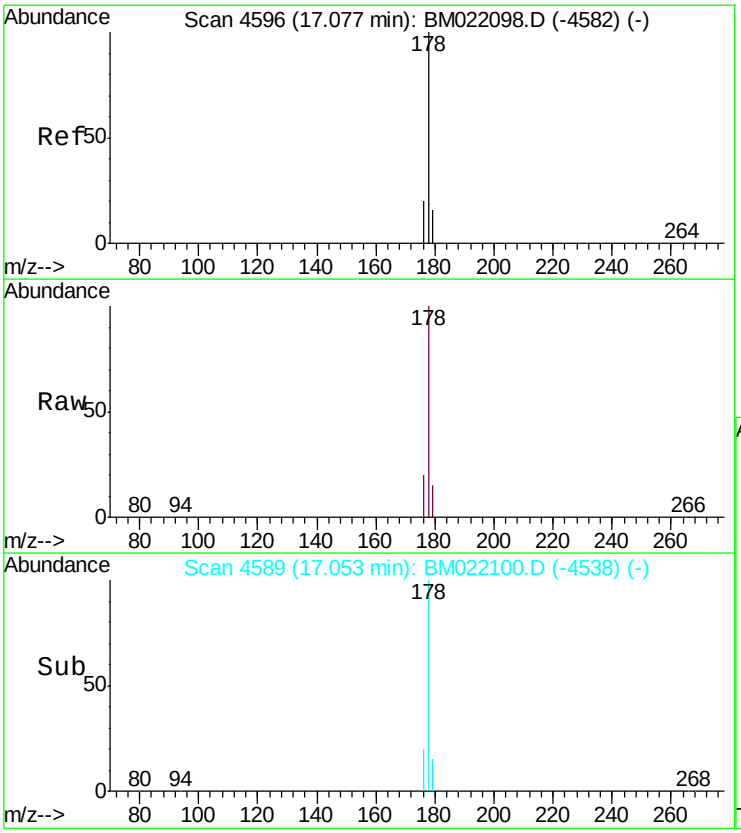
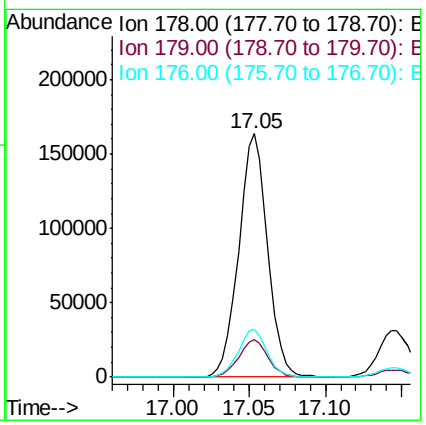
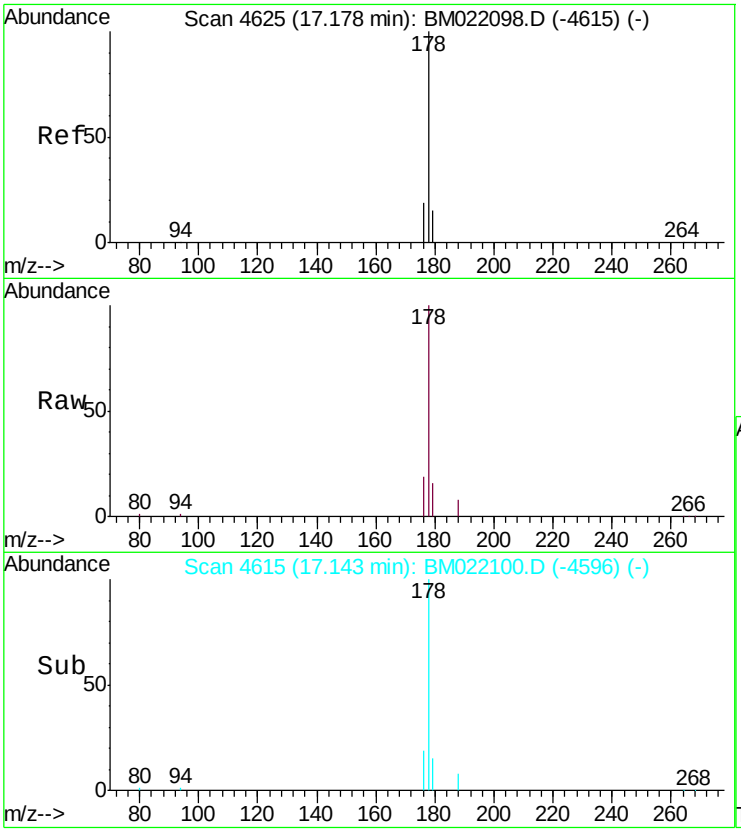


#12
Phenanthrene
Concen: 19.798 ng/ul m
RT: 17.05 min Scan# 4589
Delta R.T. -0.02 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:178 Resp: 216480

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.7	16.8	25.2

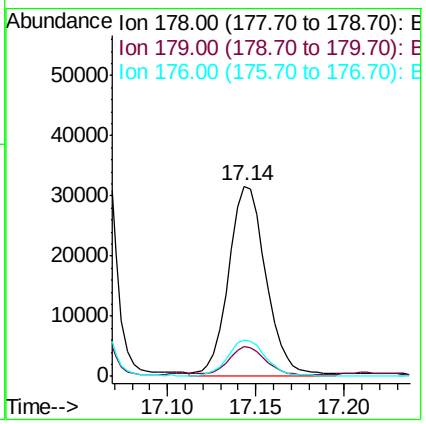




#13
Anthracene
Concen: 5.044 ng/ul m
RT: 17.14 min Scan# 4615
Delta R.T. -0.03 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:178 Resp: 47049

Ion	Ratio	Lower	Upper
178	100		
179	15.6	15.5	23.3
176	19.1	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5N3

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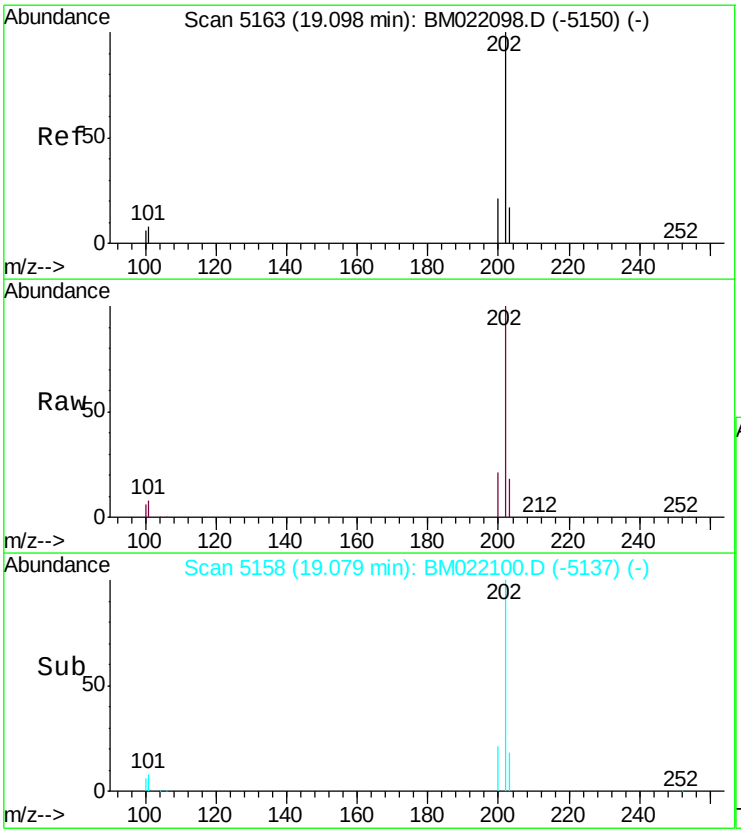
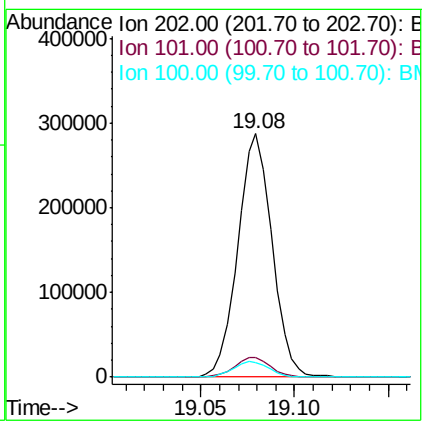
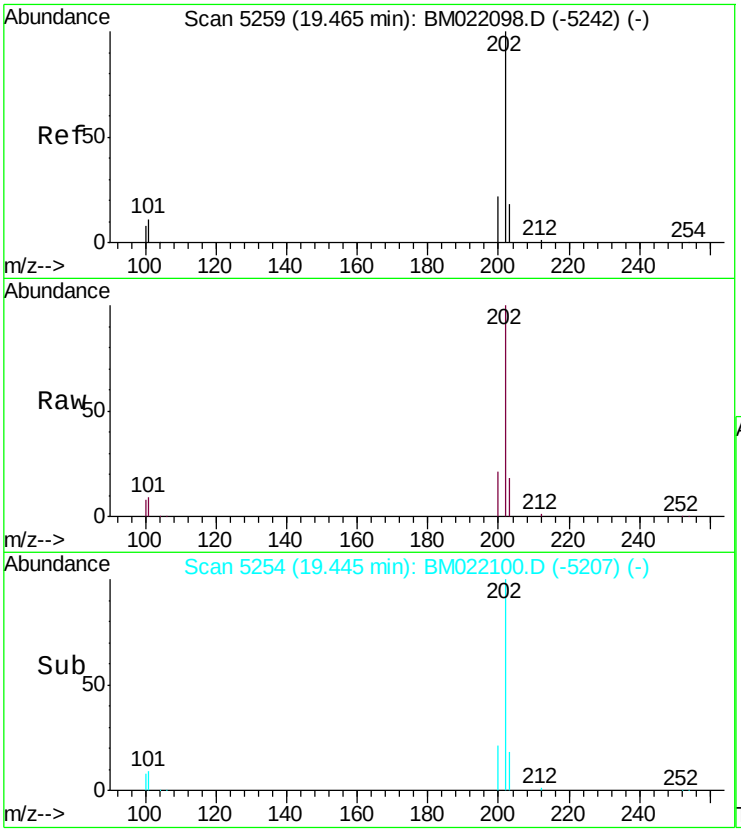


#15
Fluoranthene
Concen: 24.848 ng/ul m
RT: 19.08 min Scan# 5158
Delta R.T. -0.02 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:202 Resp: 363968

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.2
100	6.2	0.0	28.1

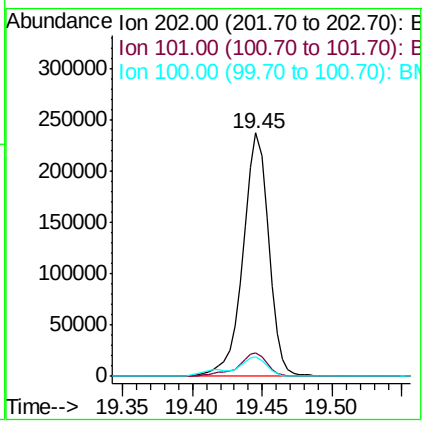




#17
Pyrene
Concen: 21.115 ng/ul
RT: 19.45 min Scan# 5254
Delta R.T. -0.02 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:202 Resp: 301785

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.3	12.5
100	8.0	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
CB5N3

Manual Integrations APPROVED
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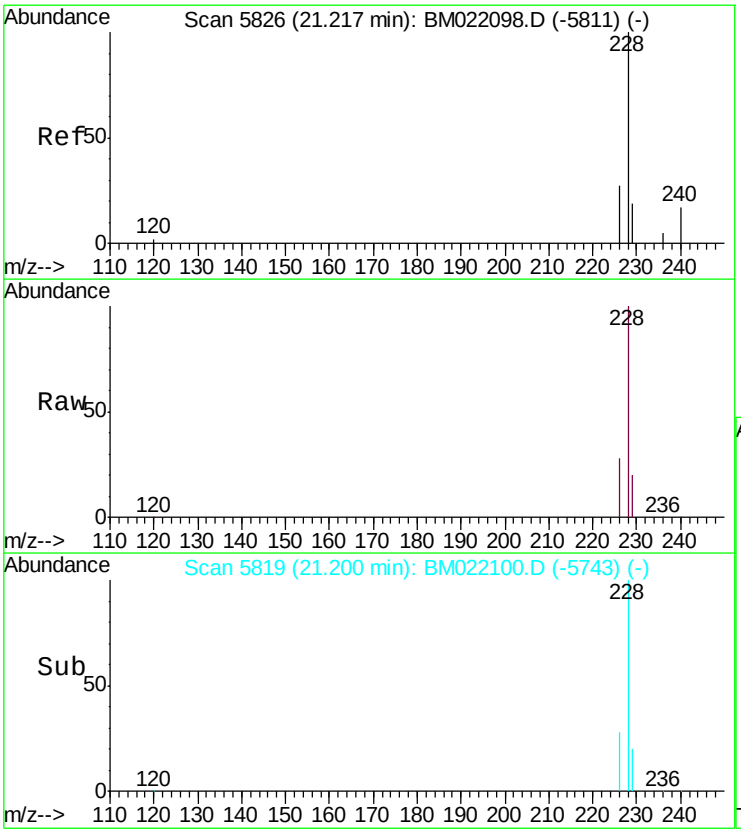
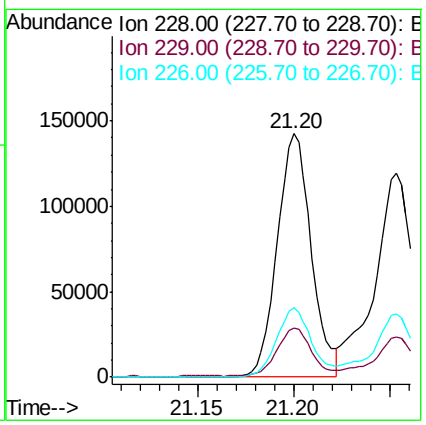
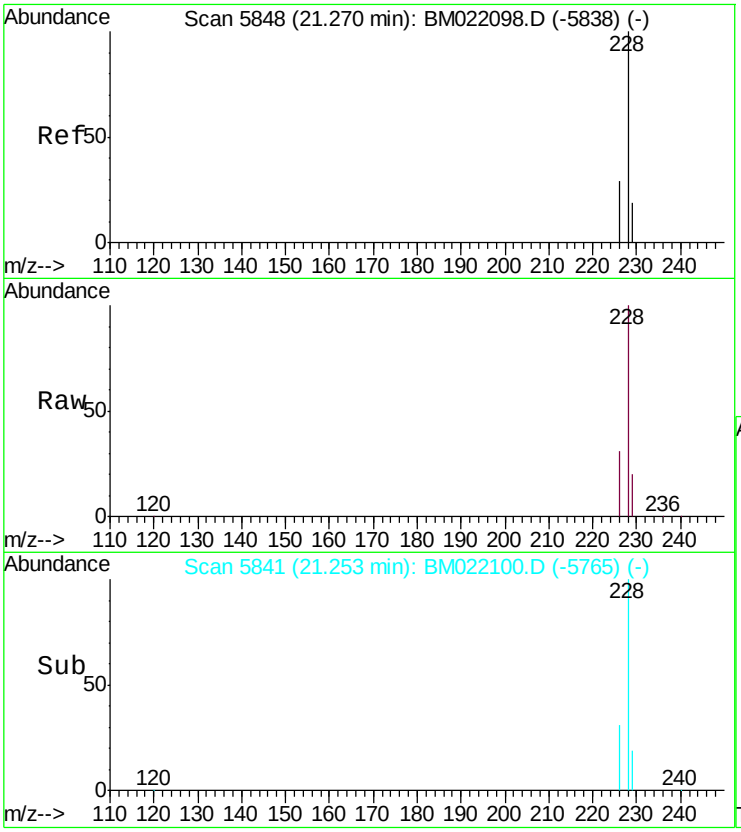


#18
Benzo(a)anthracene
Concen: 14.141 ng/ul m
RT: 21.20 min Scan# 5819
Delta R.T. -0.02 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:228 Resp: 175927

Ion	Ratio	Lower	Upper
228	100		
229	20.1	17.2	25.8
226	28.3	22.6	34.0

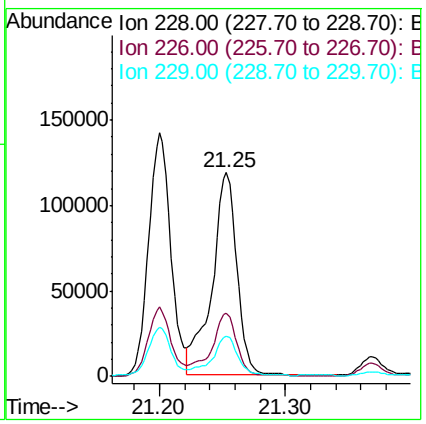




#19
Chrysene
Concen: 10.214 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.02 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:228 Resp: 163423

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.8	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB5N3

Manual Integrations APPROVED
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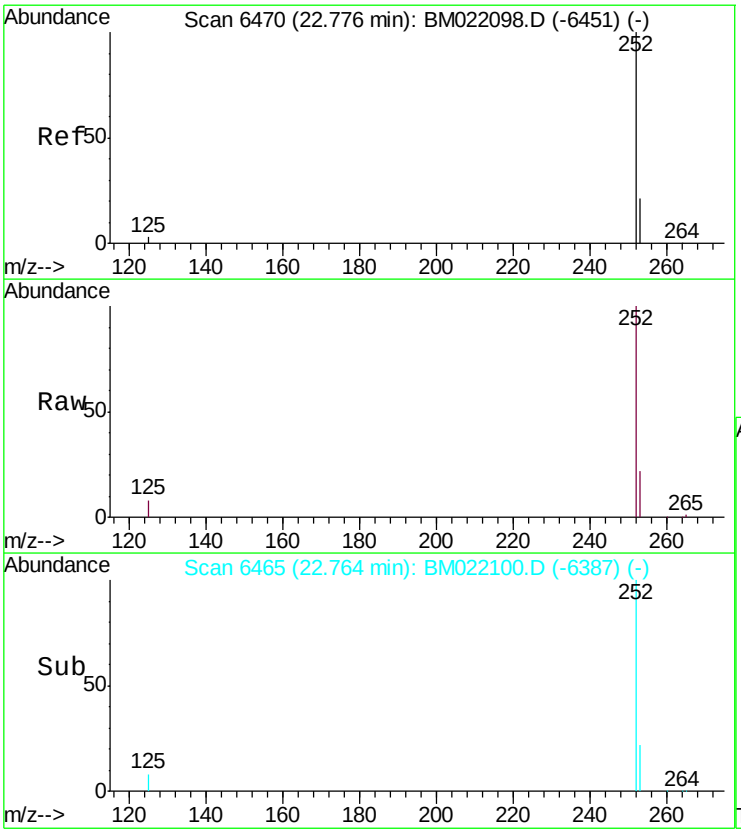
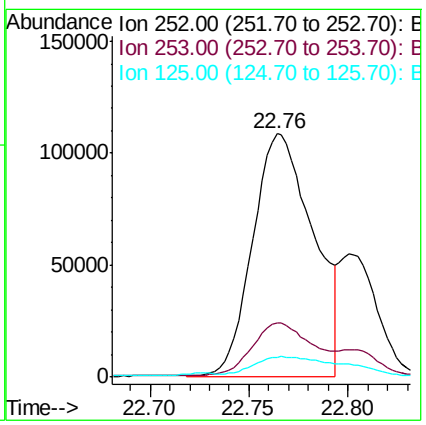
8/15/2019 5:08:37 PM

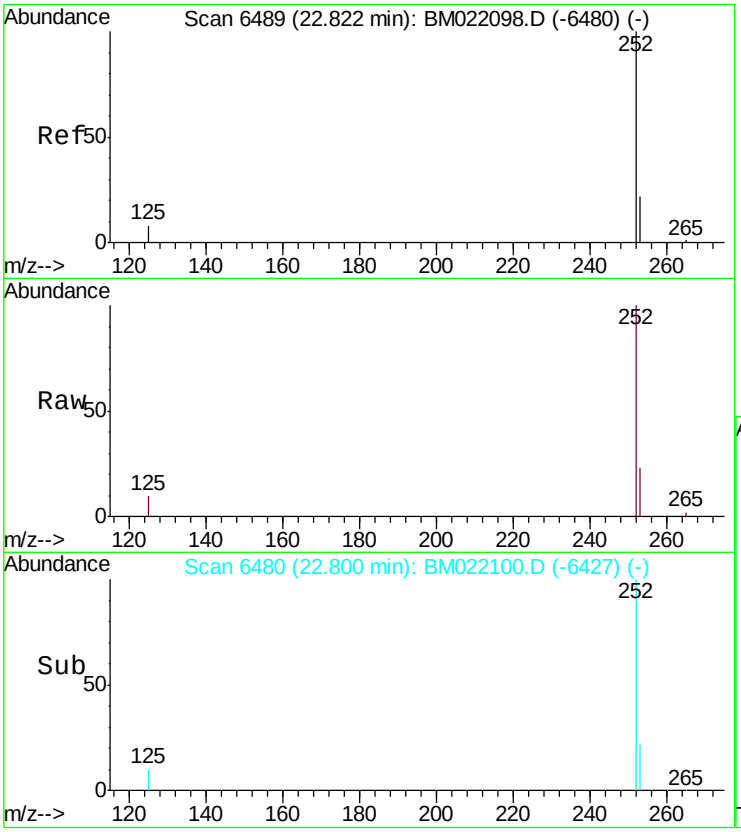


#21
Benzo(b)fluoranthene
Concen: 19.673 ng/ul m
RT: 22.76 min Scan# 6465
Delta R.T. -0.01 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:252 Resp: 231262

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	67.4
125	8.2	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 5.738 ng/ul m
RT: 22.80 min Scan# 6480
Delta R.T. -0.02 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:252 Resp: 76331

Ion	Ratio	Lower	Upper
252	100		
253	22.7	27.0	40.4#
125	10.5	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
CB5N3

Manual Integrations APPROVED
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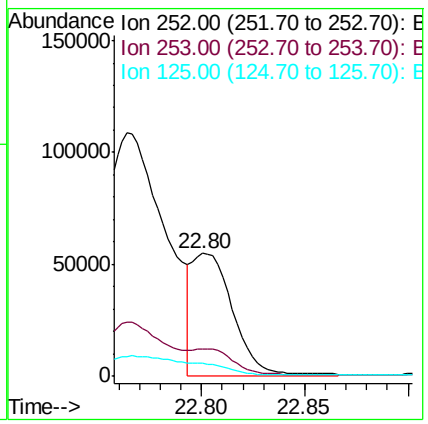
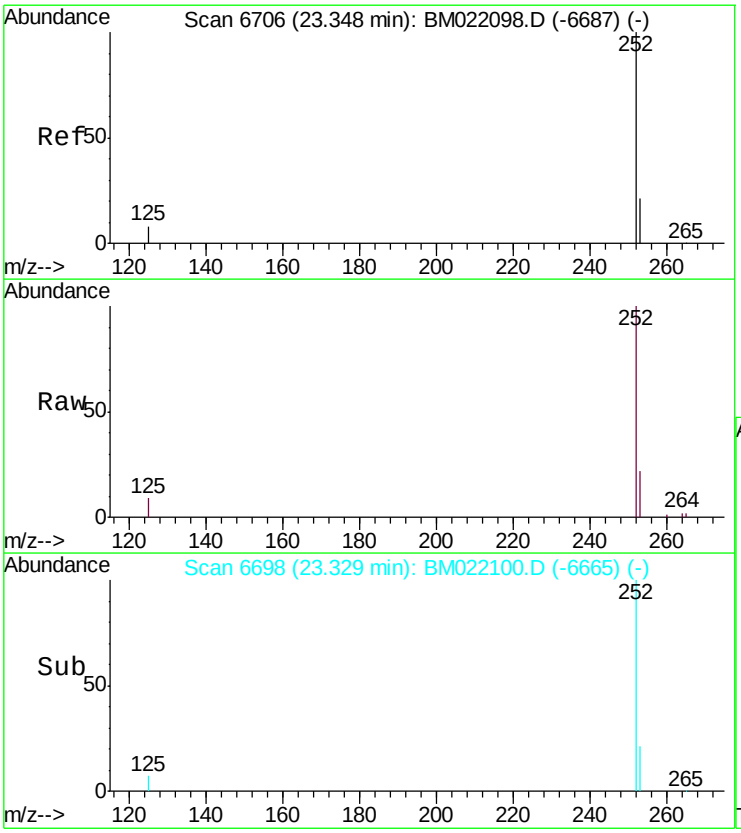
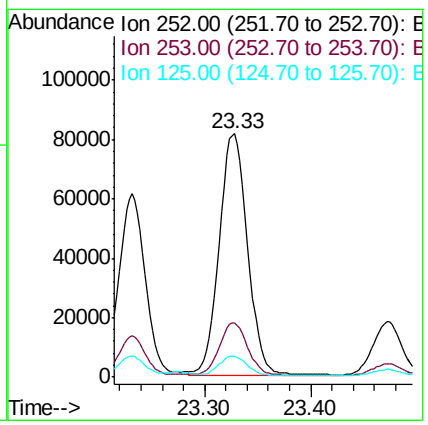


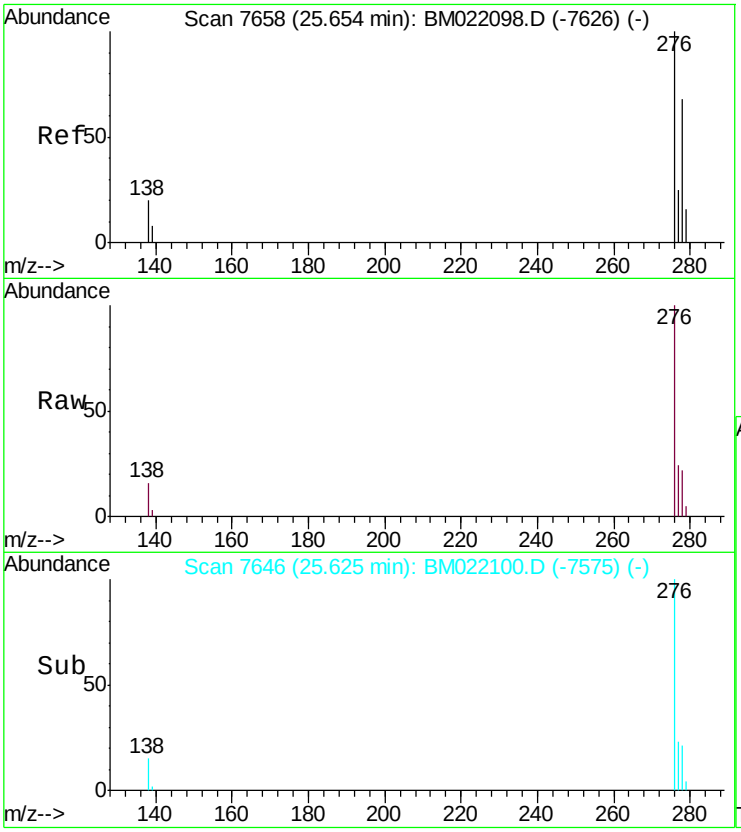


#23
Benzo(a)pyrene
Concen: 12.455 ng/ul
RT: 23.33 min Scan# 6698
Delta R.T. -0.02 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:252 Resp: 148892

Ion	Ratio	Lower	Upper
252	100		
253	22.1	31.7	47.5#
125	8.6	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 7.251 ng/ul
RT: 25.63 min Scan# 7646
Delta R.T. -0.03 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:276 Resp: 103503

Ion	Ratio	Lower	Upper
276	100		
138	16.2	15.1	22.7
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
CB5N3

Manual Integrations APPROVED
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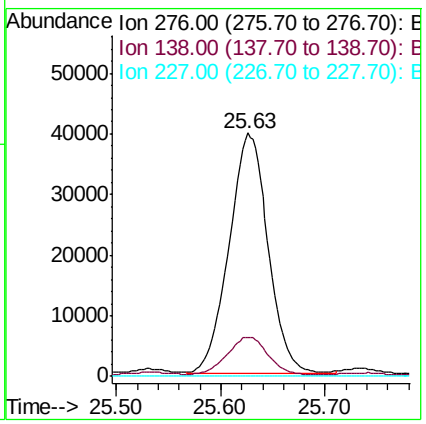
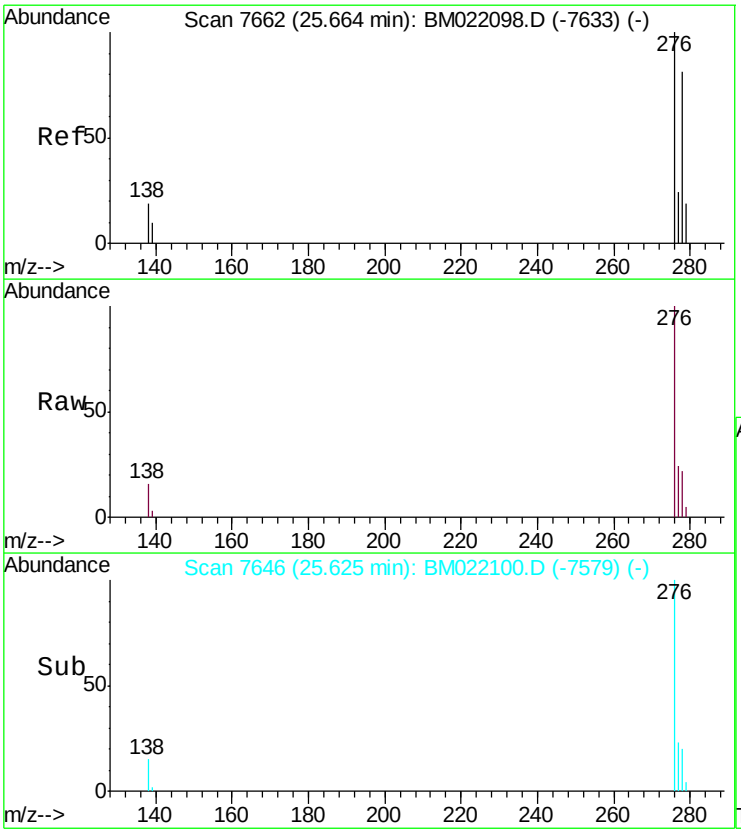
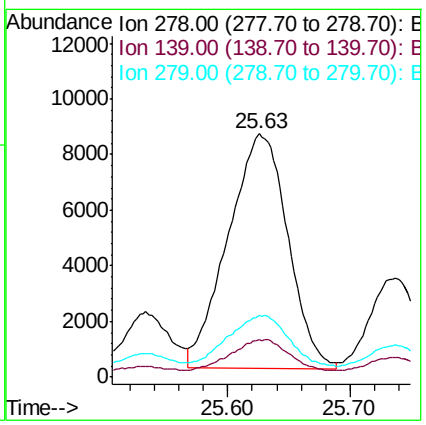


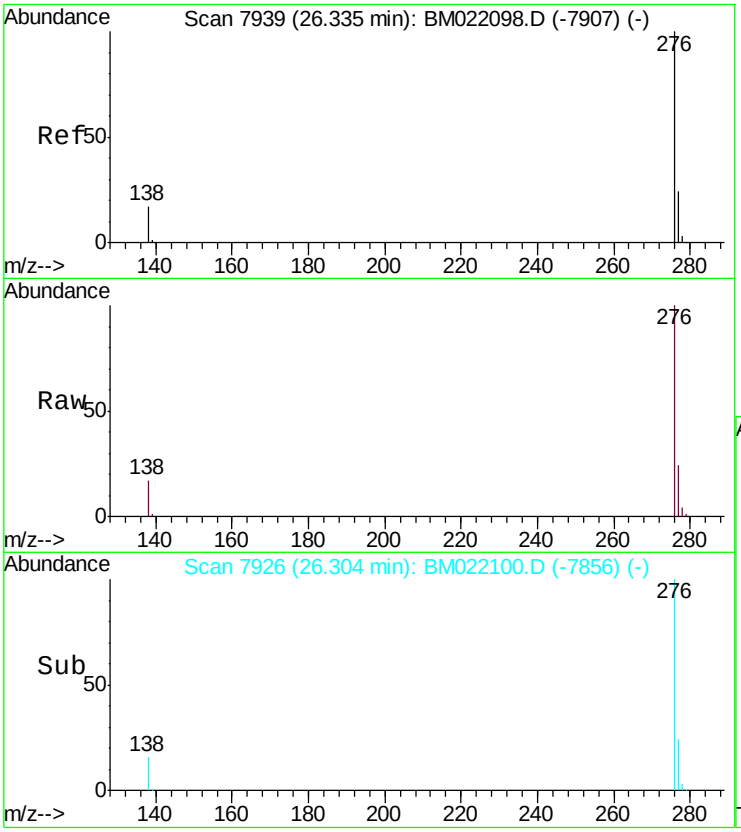


#25
Dibenzo(a,h)anthracene
Concen: 2.477 ng/ul m
RT: 25.63 min Scan# 7646
Delta R.T. -0.04 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:278 Resp: 28576

Ion	Ratio	Lower	Upper
278	100		
139	15.4	14.2	21.2
279	25.2	28.3	42.5#

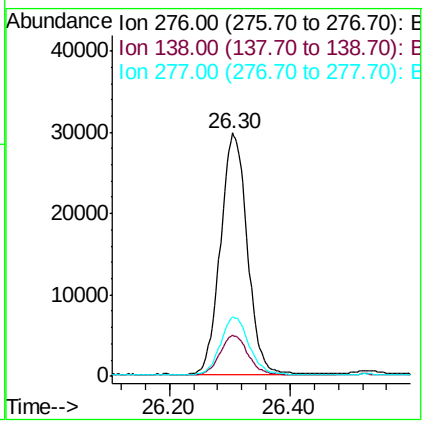




#26
Benzo(g,h,i)perylene
Concen: 7.094 ng/ul
RT: 26.30 min Scan# 7926
Delta R.T. -0.03 min
Lab File: BM022100.D
Acq: 14 Aug 2019 10:15

Tgt Ion:276 Resp: 91164

Ion	Ratio	Lower	Upper
276	100		
138	16.9	15.5	23.3
277	24.4	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
CB5N3

Manual Integrations APPROVED
mohammad
8/15/2019 5:08:37 PM