Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101318\
Data File : BN003146.D
Acq On : 12 Oct 2018 19:15
Operator : MJ/SJ
Sample : J5234-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:11:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1748	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.38	136	7131	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	6141	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	9097m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	7635m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	5508m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3500	0.32	ng/ul	-0.04
14) Fluoranthene-d10	19.05	212	8638m	0.33	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.43	128	58966	3.222	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	120263	9.547	ng/ul	97
7) Acenaphthylene	13.98	152	10725	0.382	ng/ul#	53
8) Acenaphthene	14.32	153	15744	0.738	ng/ul	95
9) Fluorene	15.31	166	79785	3.267	ng/ul	99
12) Phenanthrene	17.06	178	155875	6.147	ng/ul	97
13) Anthracene	17.15	178	57356m	2.394	ng/ul	
15) Fluoranthene	19.08	202	55741m	1.874	ng/ul	
17) Pyrene	19.45	202	88151	2.973	ng/ul	98
18) Benzo(a)anthracene	21.21	228	23553m	0.959	ng/ul	
19) Chrysene	21.26	228	20060m	0.804	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	9312m	0.469	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	2437m	0.119	ng/ul	
23) Benzo(a)pyrene	23.34	252	10497m	0.590	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	4361m	0.213	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	1116m	0.068	ng/ul	
26) Benzo(g,h,i)perylene	26.33	276	4053m	0.235	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101318\
Data File : BN003146.D
Acq On : 12 Oct 2018 19:15
Operator : MJ/SJ
Sample : J5234-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 13 05:11:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 04:51:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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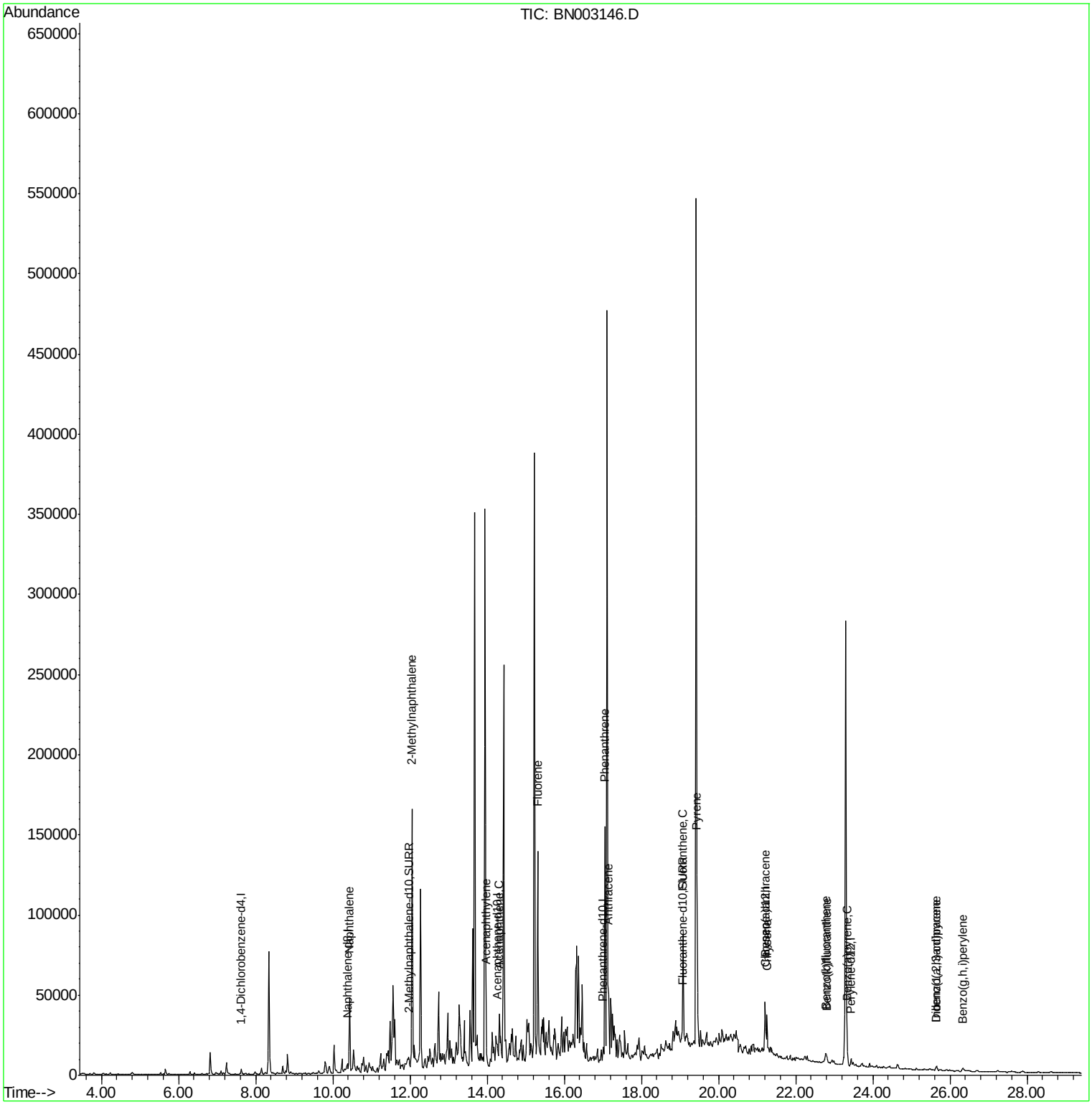
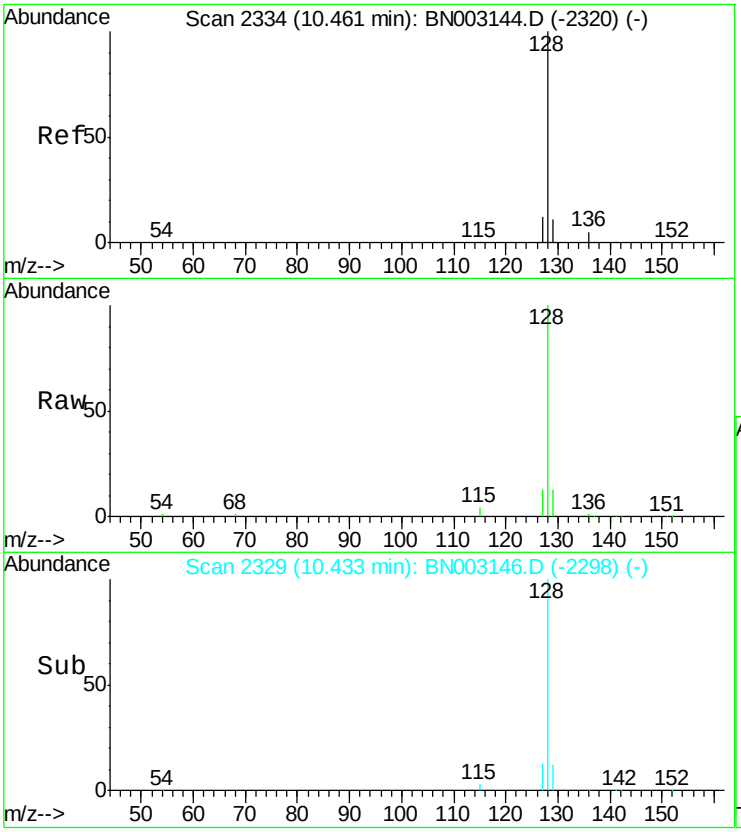
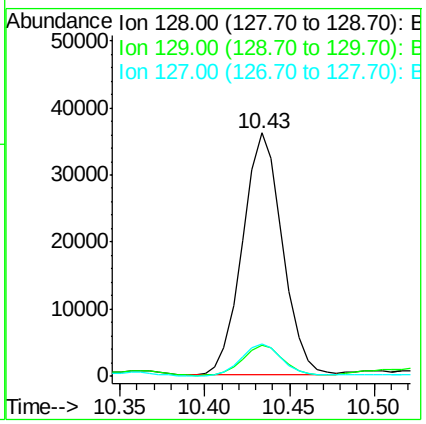




#3
Naphthalene
Concen: 3.222 ng/ul
RT: 10.43 min Scan# 2329
Delta R.T. -0.03 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:128 Resp: 58966

Ion	Ratio	Lower	Upper
128	100		
129	12.8	10.4	15.6
127	13.4	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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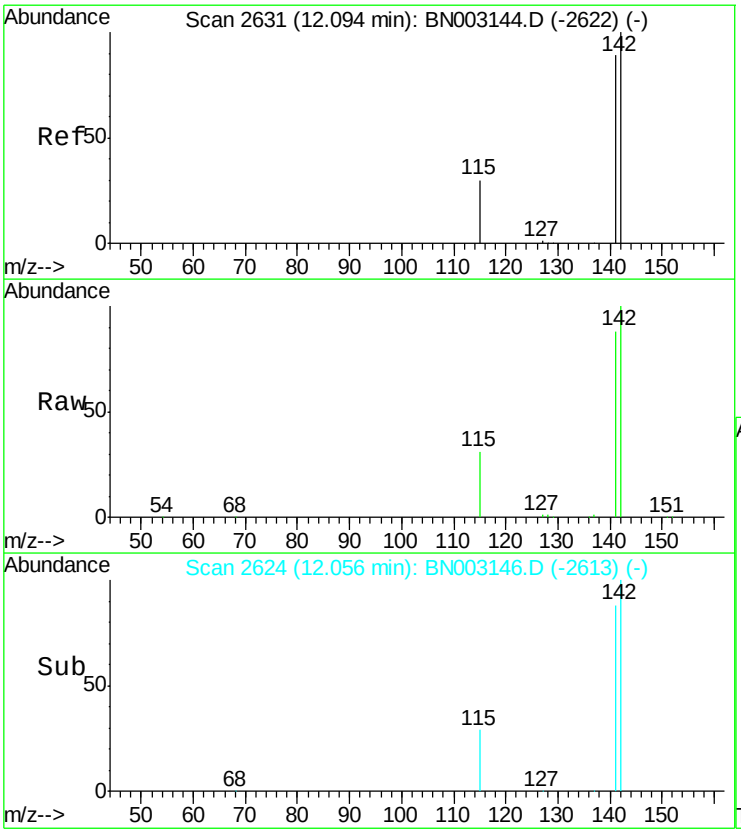
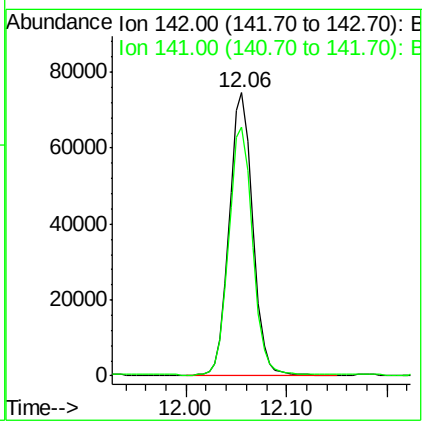
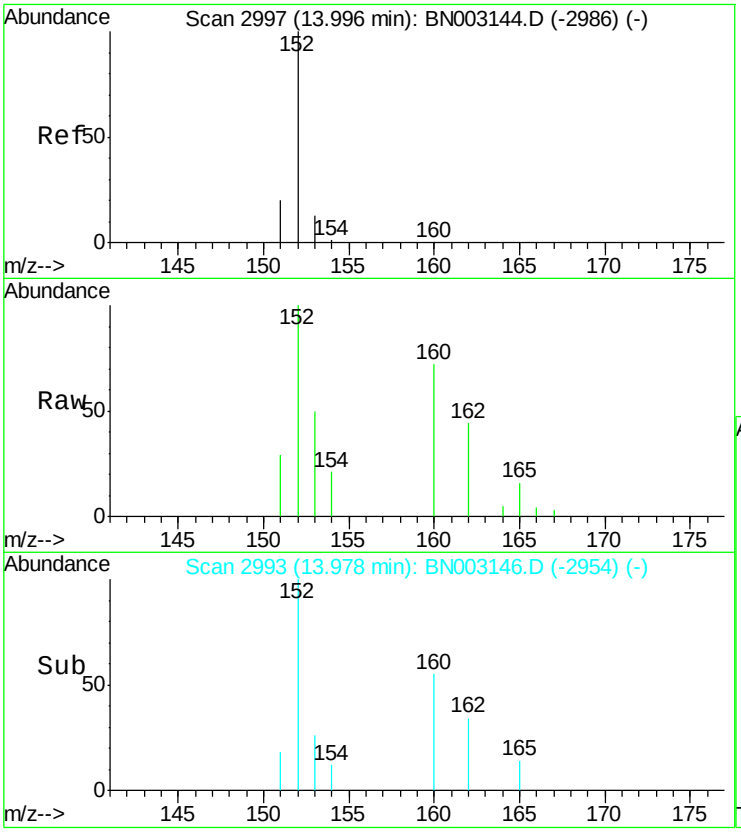


#5
2-Methylnaphthalene
Concen: 9.547 ng/ul
RT: 12.06 min Scan# 2624
Delta R.T. -0.04 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:142 Resp: 120263

Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.4	110.0

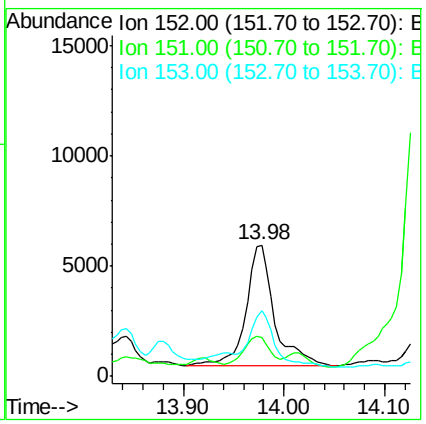




#7
Acenaphthylene
Concen: 0.382 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.02 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:152 Resp: 10725

Ion	Ratio	Lower	Upper
152	100		
151	29.5	16.5	24.7#
153	50.4	11.4	17.2#



Instrument :
BNA_N
ClientSampleId :
C0AJ9

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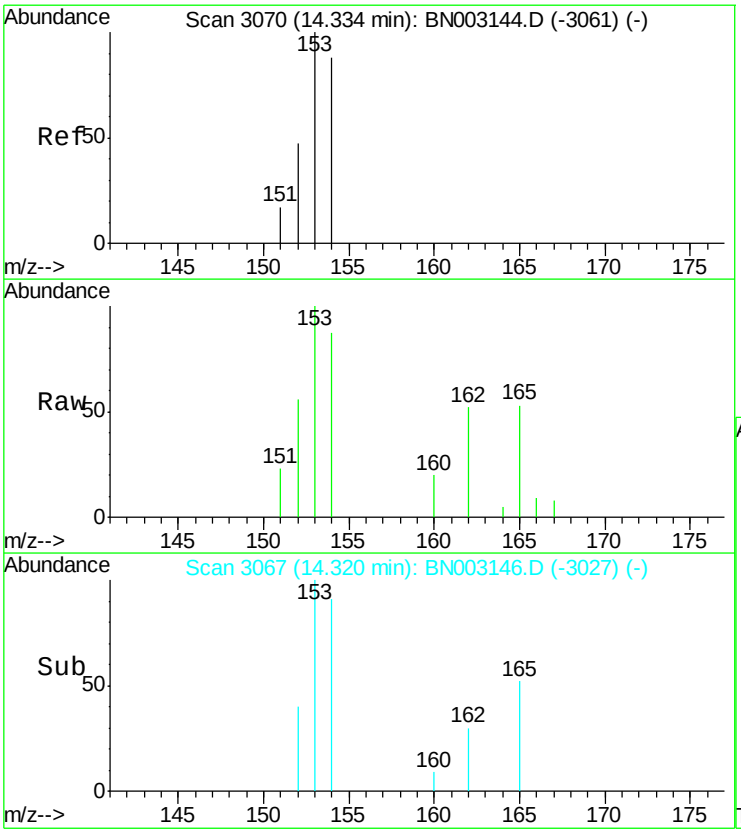
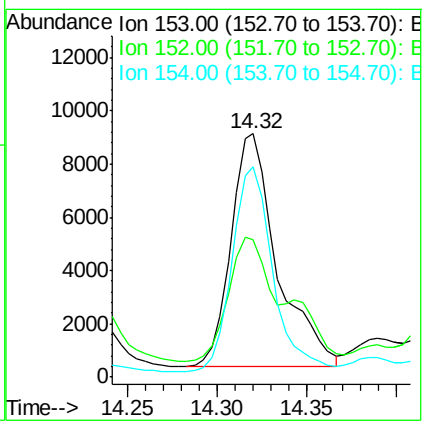
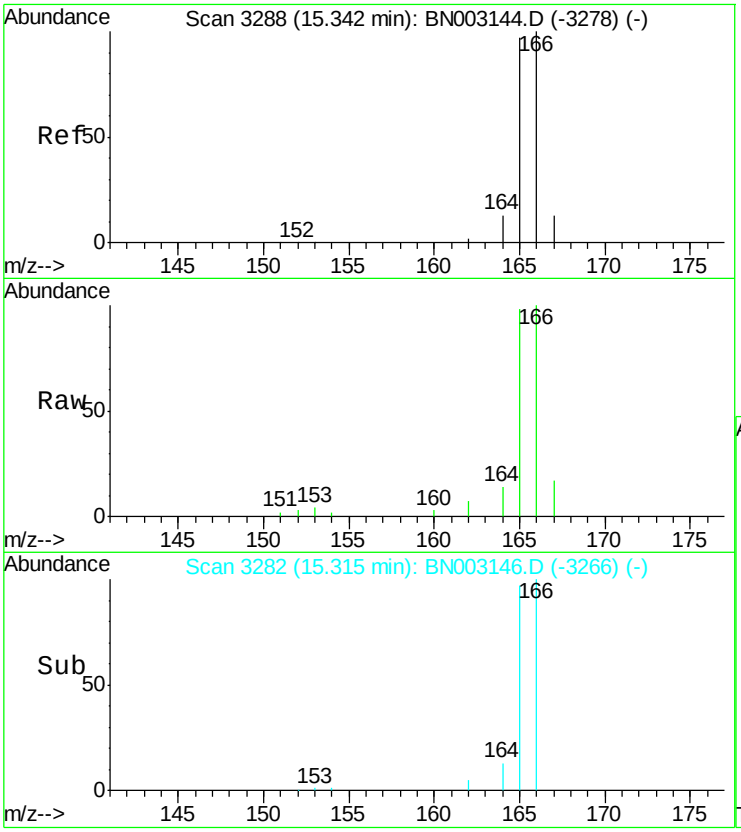


#8
Acenaphthene
Concen: 0.738 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:153 Resp: 15744

Ion	Ratio	Lower	Upper
153	100		
152	56.2	38.2	57.4
154	86.6	70.2	105.2

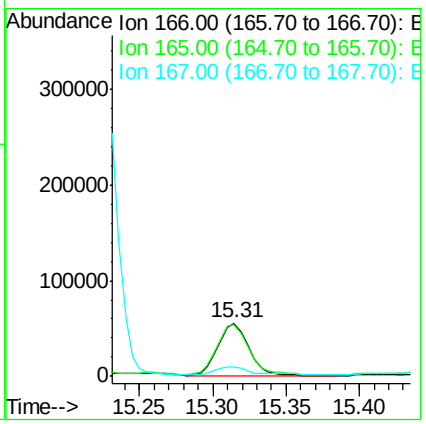




#9
Fluorene
Concen: 3.267 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.03 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:166 Resp: 79785

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.5	117.7
167	17.2	11.6	17.4



Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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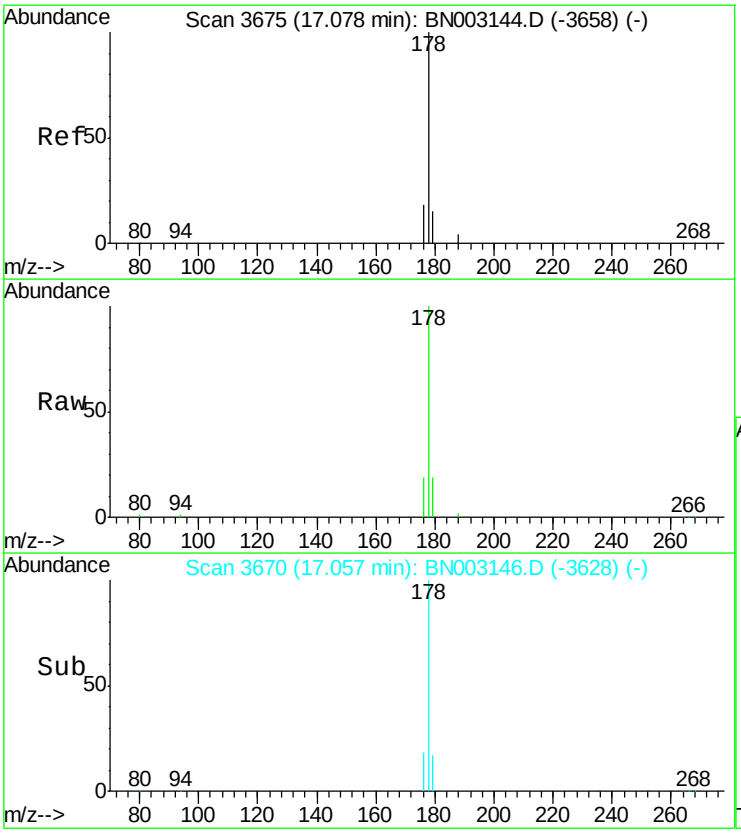
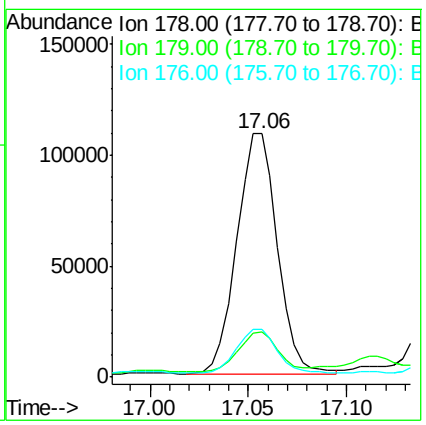
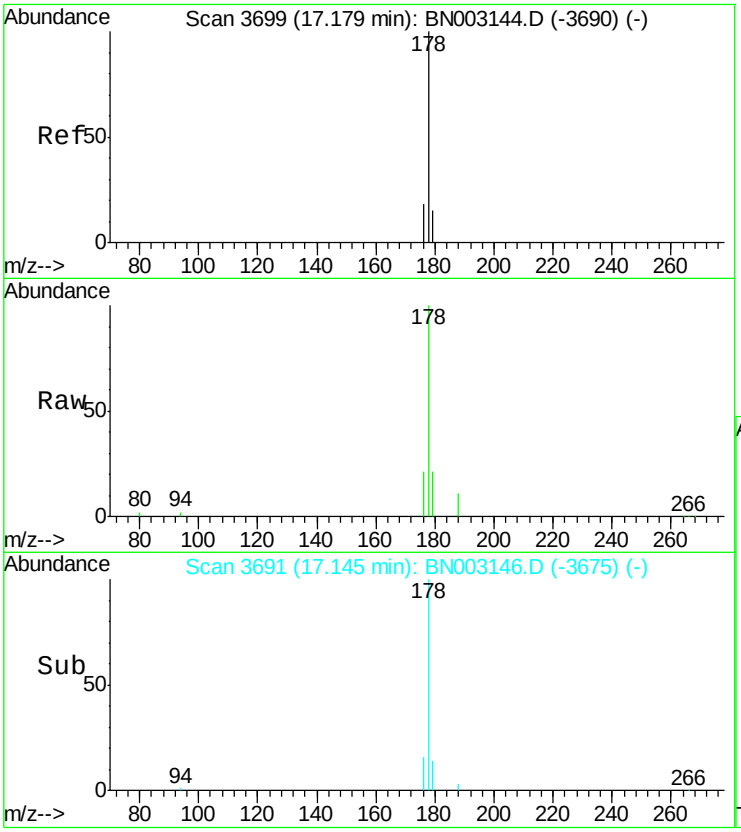


#12
Phenanthrene
Concen: 6.147 ng/ul
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:178 Resp: 155875

Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.9	19.3
176	19.4	15.4	23.2

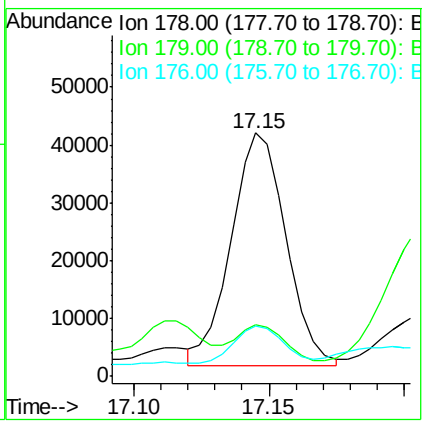




#13
Anthracene
Concen: 2.394 ng/ul m
RT: 17.15 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:178 Resp: 57356

Ion	Ratio	Lower	Upper
178	100		
179	21.2	13.0	19.6#
176	20.5	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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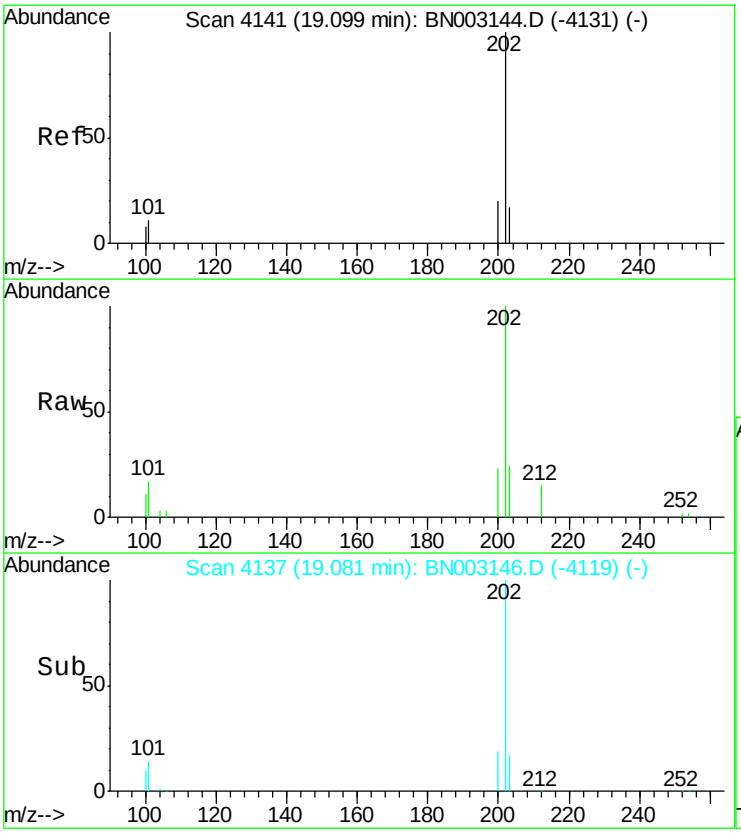
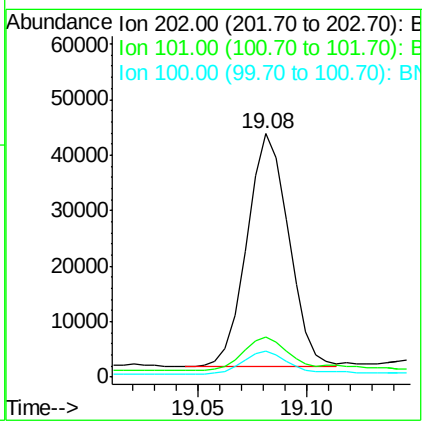
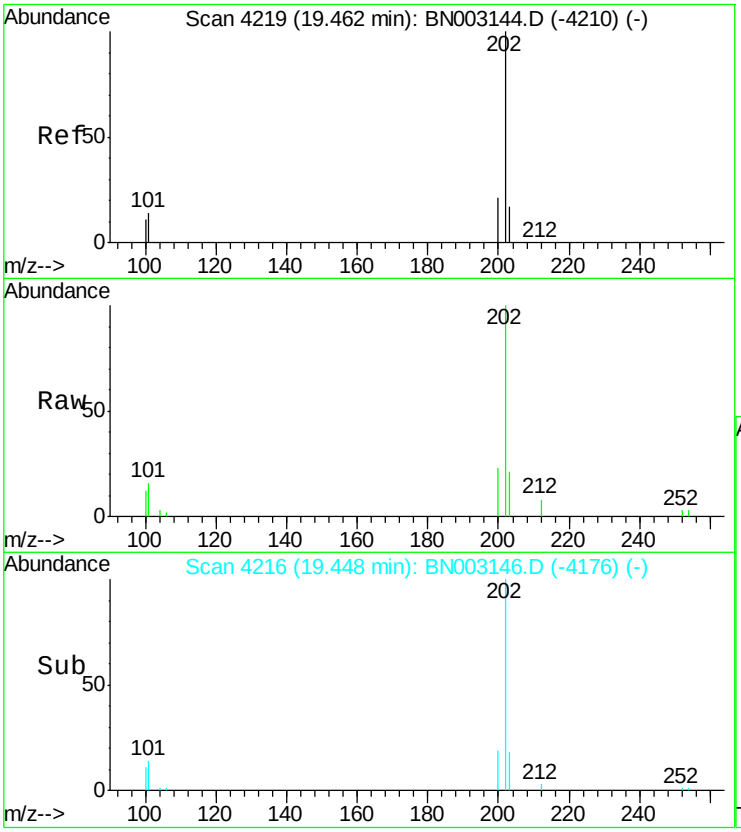


#15
Fluoranthene
Concen: 1.874 ng/ul m
RT: 19.08 min Scan# 4137
Delta R.T. -0.02 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:202 Resp: 55741

Ion	Ratio	Lower	Upper
202	100		
101	16.7	0.0	32.3
100	10.5	0.0	29.1

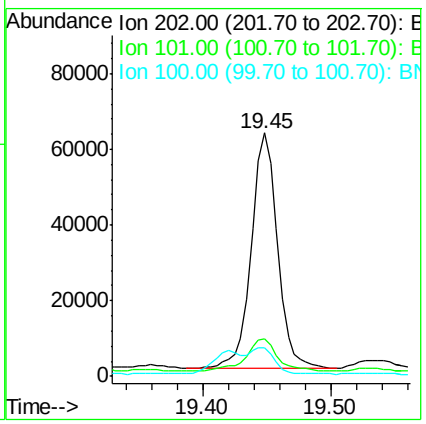




#17
Pyrene
Concen: 2.973 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:202 Resp: 88151

Ion	Ratio	Lower	Upper
202	100		
101	15.5	11.9	17.9
100	11.8	9.9	14.9



Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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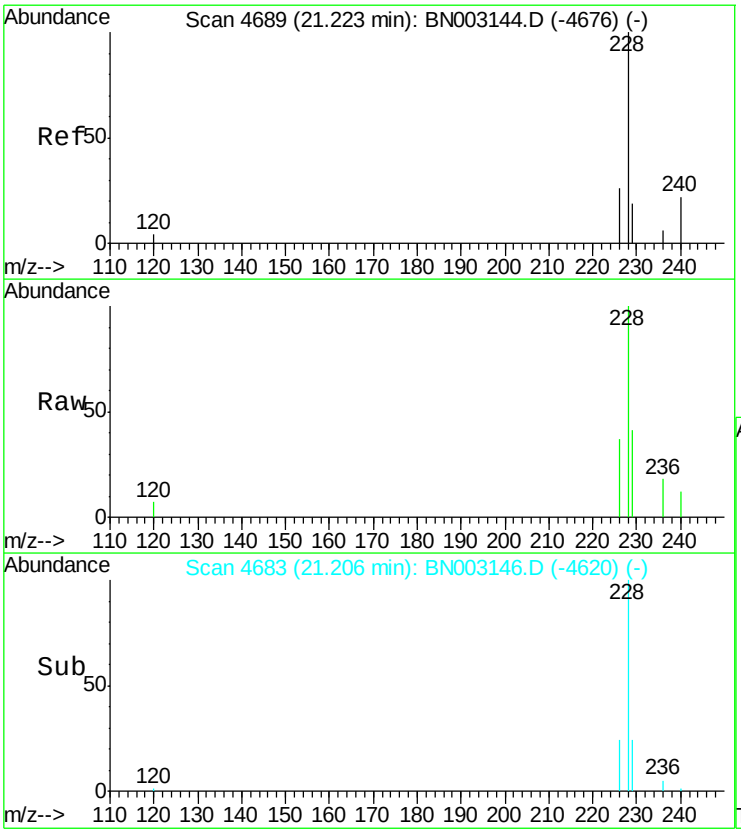
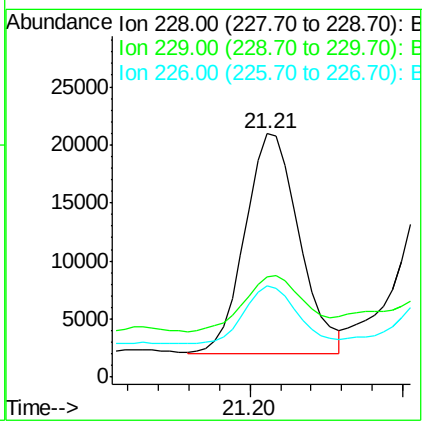
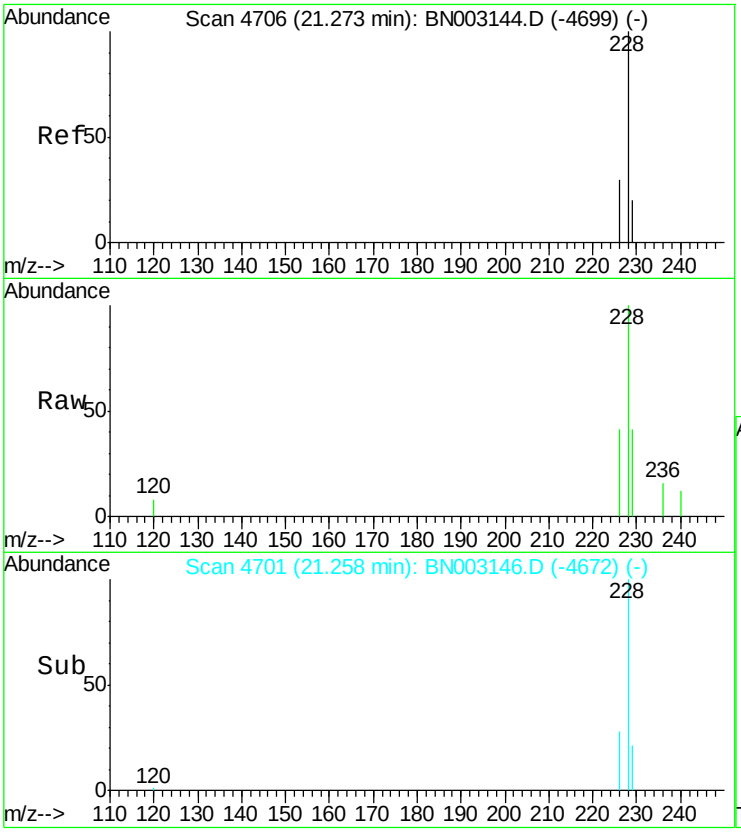


#18
Benzo(a)anthracene
Concen: 0.959 ng/ul m
RT: 21.21 min Scan# 4683
Delta R.T. -0.02 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:228 Resp: 23553

Ion	Ratio	Lower	Upper
228	100		
229	41.2	16.2	24.2#
226	37.3	22.3	33.5#

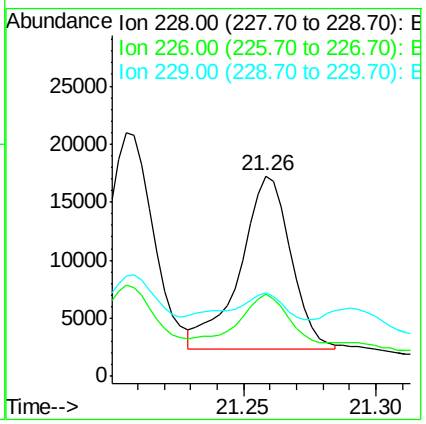




#19
Chrysene
Concen: 0.804 ng/ul m
RT: 21.26 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:228 Resp: 20060

Ion	Ratio	Lower	Upper
228	100		
226	41.0	24.2	36.4#
229	41.5	16.7	25.1#



Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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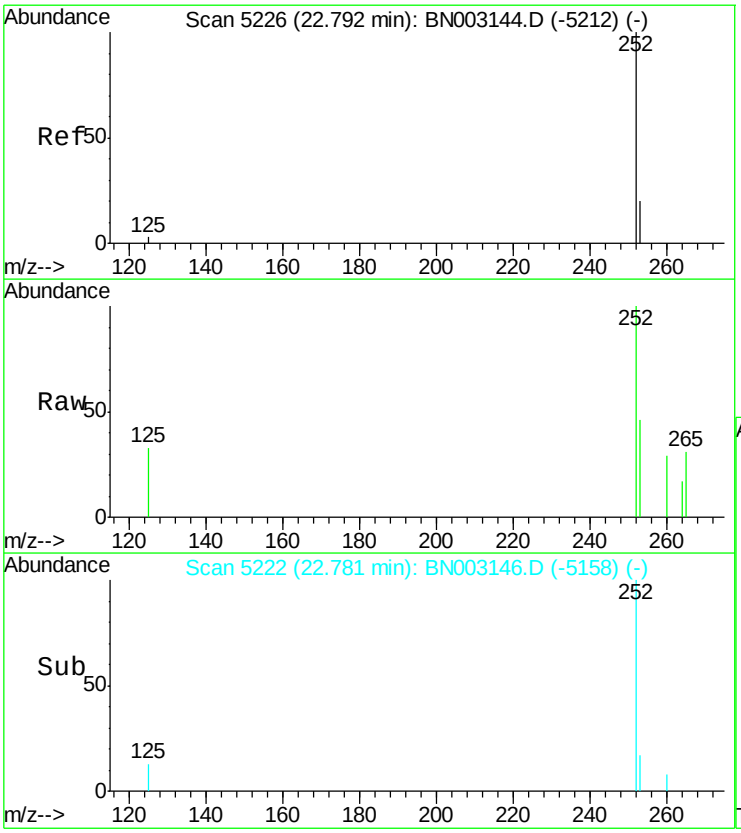
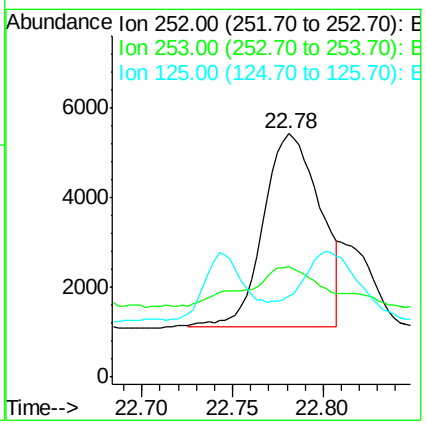
10/15/2018 4:14:44 PM

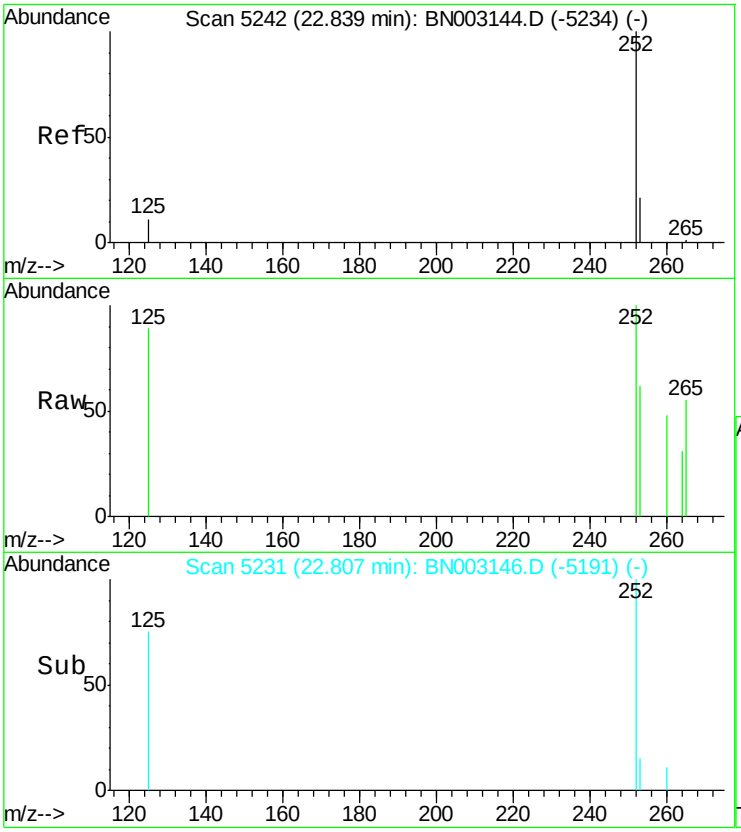


#21
Benzo(b)fluoranthene
Concen: 0.469 ng/ul m
RT: 22.78 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:252 Resp: 9312

Ion	Ratio	Lower	Upper
252	100		
253	45.5	0.0	53.2
125	33.4	0.0	34.2





#22
Benzo(k)fluoranthene
Concen: 0.119 ng/ul m
RT: 22.81 min Scan# 5231
Delta R.T. -0.03 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:252 Resp: 2437

Ion	Ratio	Lower	Upper
252	100		
253	62.0	21.3	31.9#
125	89.2	14.1	21.1#

Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
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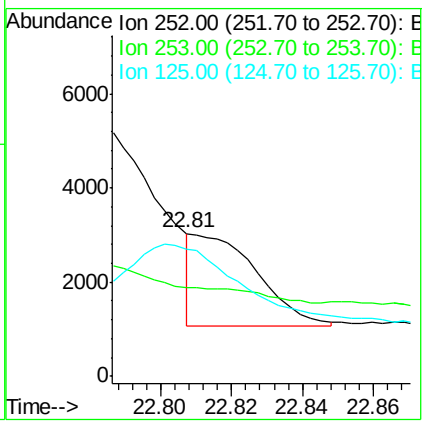
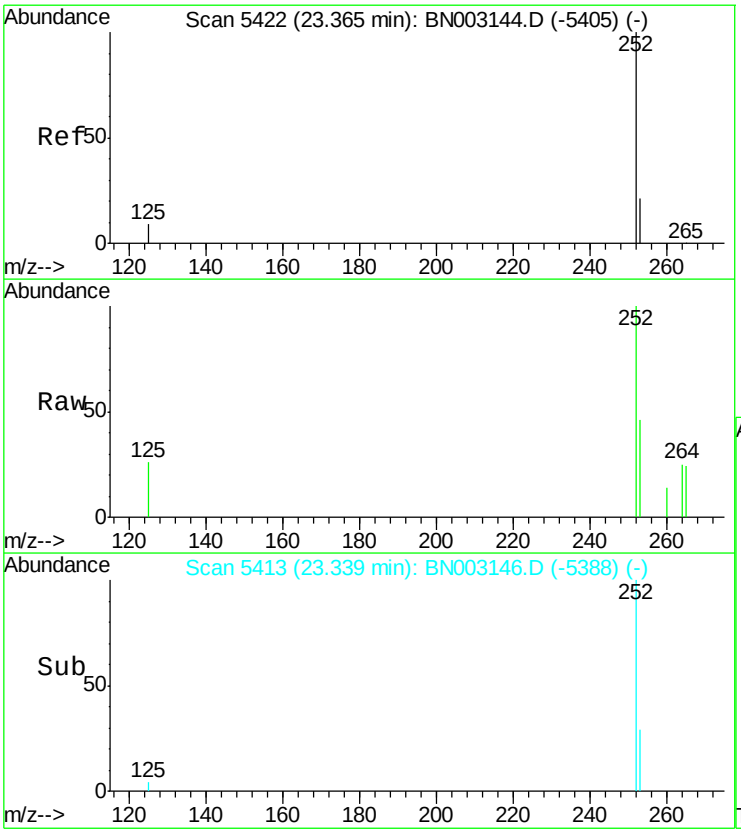
10/15/2018 4:14:44 PM

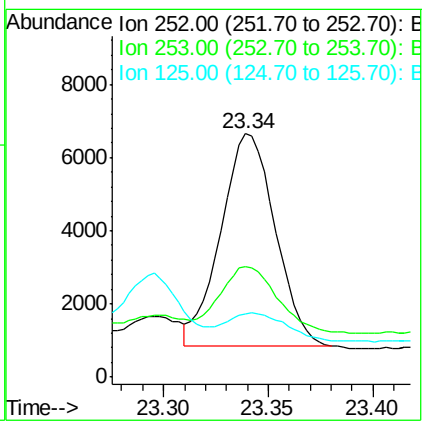


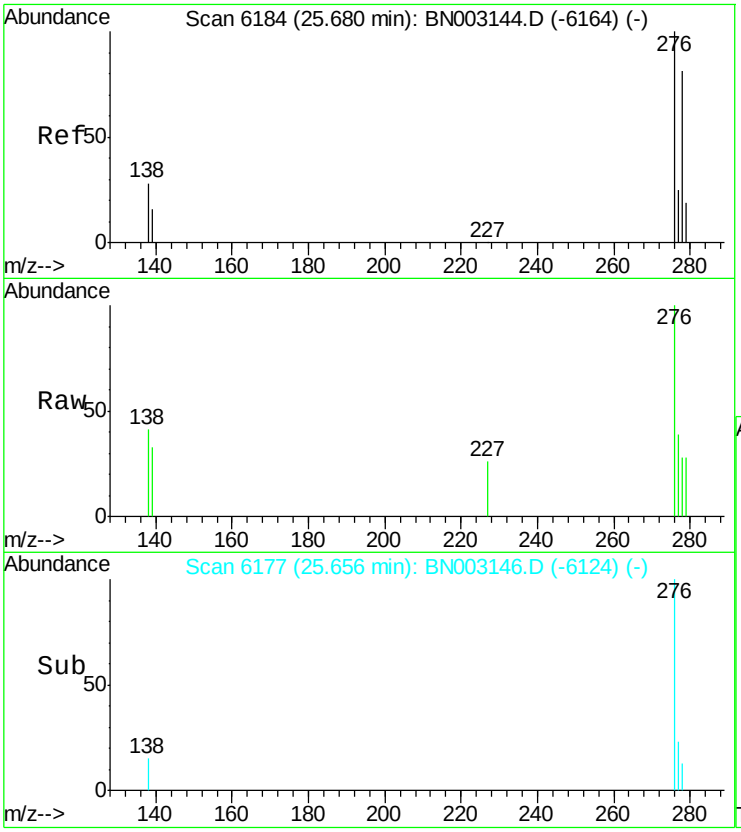


#23
Benzo(a)pyrene
Concen: 0.590 ng/ul m
RT: 23.34 min Scan# 5413
Delta R.T. -0.03 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:252 Resp: 10497

Ion	Ratio	Lower	Upper
252	100		
253	45.5	23.1	34.7#
125	26.0	16.9	25.3#





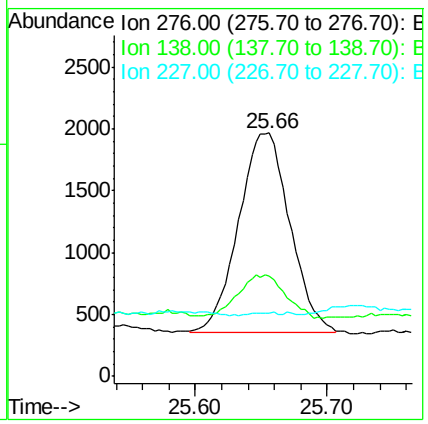
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng/ul m
RT: 25.66 min Scan# 6177
Delta R.T. -0.02 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

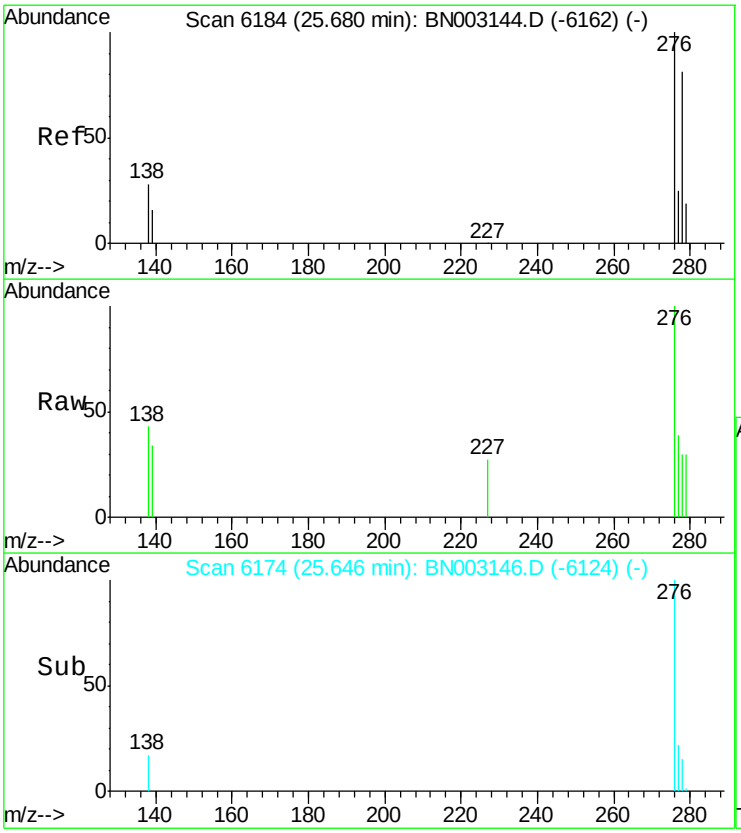
Tgt Ion:276 Resp: 4361

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.5	32.3#
227	0.0	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:44 PM

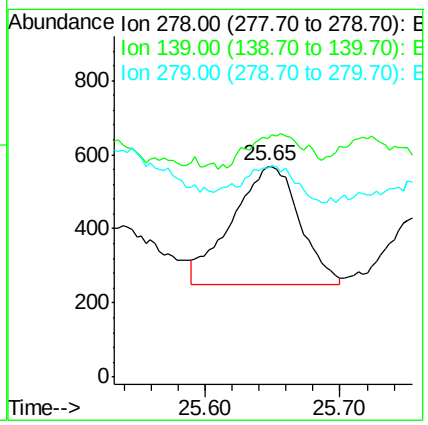


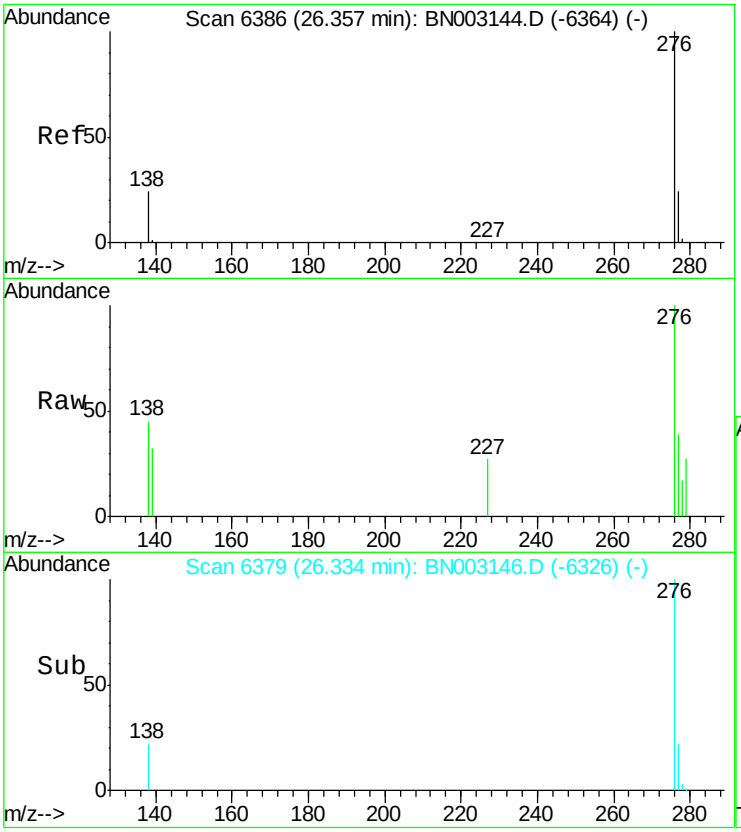


#25
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul m
RT: 25.65 min Scan# 6174
Delta R.T. -0.03 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:278 Resp: 1116

Ion	Ratio	Lower	Upper
278	100		
139	113.6	20.2	30.4#
279	99.5	23.8	35.8#

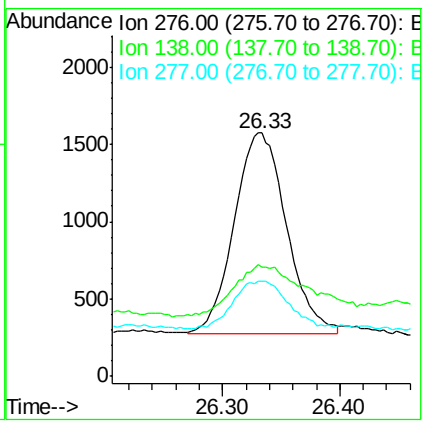




#26
Benzo(g,h,i)perylene
Concen: 0.235 ng/ul m
RT: 26.33 min Scan# 6379
Delta R.T. -0.02 min
Lab File: BN003146.D
Acq: 12 Oct 2018 19:15

Tgt Ion:276 Resp: 4053

Ion	Ratio	Lower	Upper
276	100		
138	45.1	23.0	34.4#
277	39.0	22.0	33.0#



Instrument :
BNA_N
ClientSampleId :
C0AJ9

Manual Integrations APPROVED
Sohil
10/15/2018 4:14:44 PM