Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100918\
Data File : BN003020.D
Acq On : 09 Oct 2018 11:20
Operator : MJ/SJ
Sample : J5116-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 09 12:08:56 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 : Tue Oct 09 08:56:18 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC57

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1357	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5752	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3740	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	8138m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	4770m	0.40	ng/ul	0.02
20) Perylene-d12	23.53	264	4878m	0.40	ng/ul	0.08
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3149	0.35	ng/ul	-0.03
14) Fluoranthene-d10	19.06	212	6284m	0.27	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	7359	0.499	ng/ul	99
5) 2-Methylnaphthalene	12.07	142	2410	0.237	ng/ul	99
7) Acenaphthylene	13.98	152	2472	0.144	ng/ul#	86
8) Acenaphthene	14.32	153	32393	2.495	ng/ul	99
9) Fluorene	15.32	166	31135	2.094	ng/ul	100
11) Pentachlorophenol	16.70	266	549m	0.695	ng/ul	
12) Phenanthrene	17.06	178	562631m	24.802	ng/ul	
13) Anthracene	17.15	178	144981m	6.766	ng/ul	
15) Fluoranthene	19.09	202	789600m	29.669	ng/ul	
17) Pyrene	19.46	202	596637	32.205	ng/ul	99
18) Benzo(a)anthracene	21.24	228	209496	13.648	ng/ul#	94
19) Chrysene	21.29	228	240837	15.451	ng/ul#	94
21) Benzo(b)fluoranthene	22.85	252	419974m	23.906	ng/ul	
22) Benzo(k)fluoranthene	22.89	252	89366m	4.907	ng/ul	
23) Benzo(a)pyrene	23.43	252	155867m	9.900	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.81	276	192418m	10.635	ng/ul	
25) Dibenzo(a,h)anthracene	25.80	278	39155m	2.704	ng/ul	
26) Benzo(g,h,i)perylene	26.51	276	164479m	10.781	ng/ul	

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

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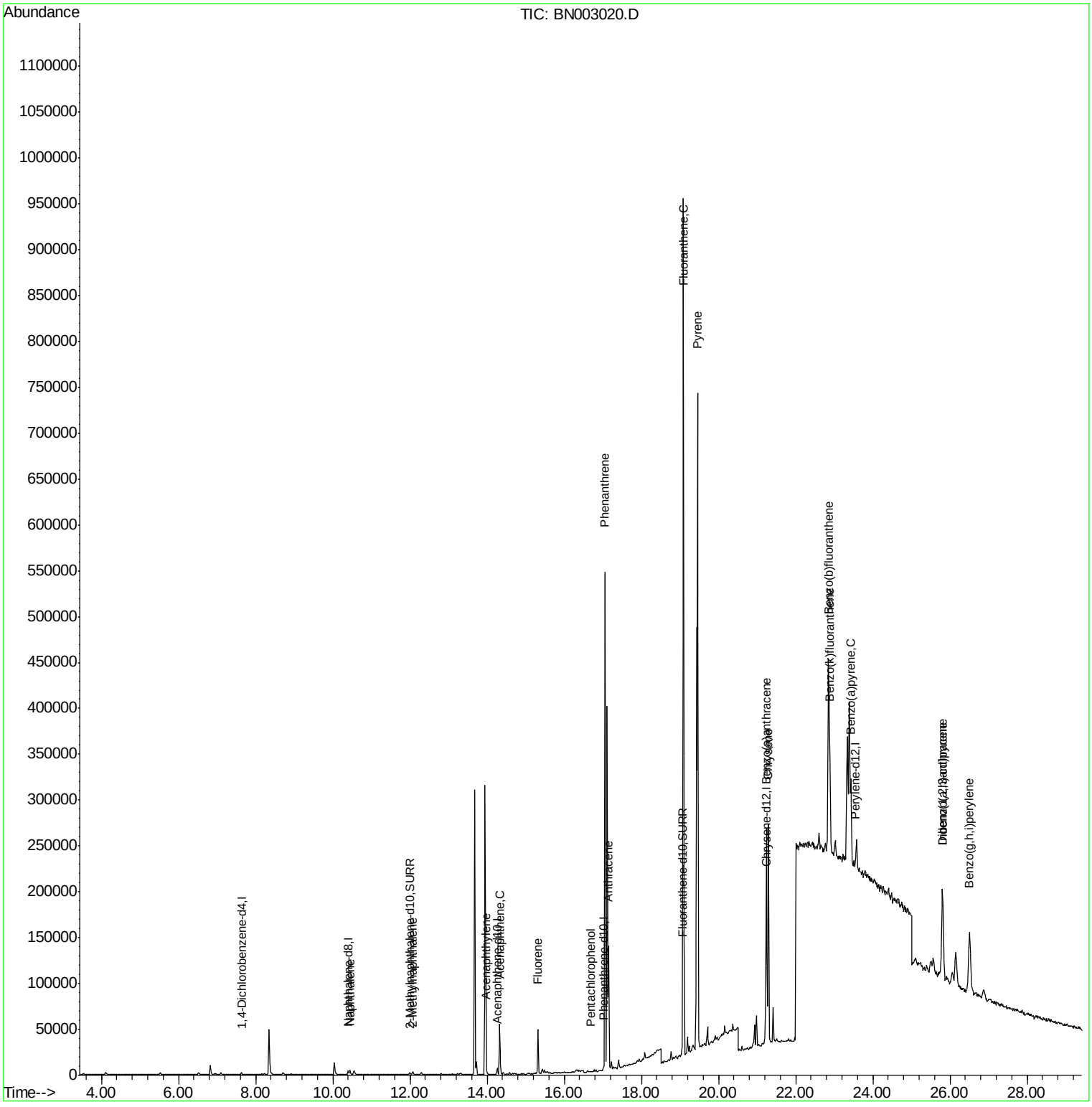
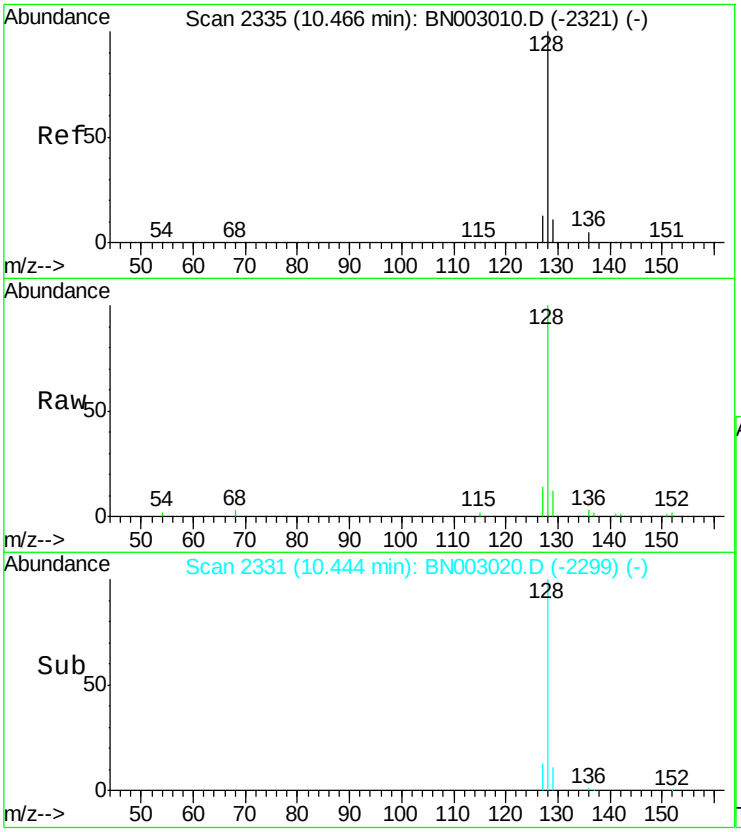
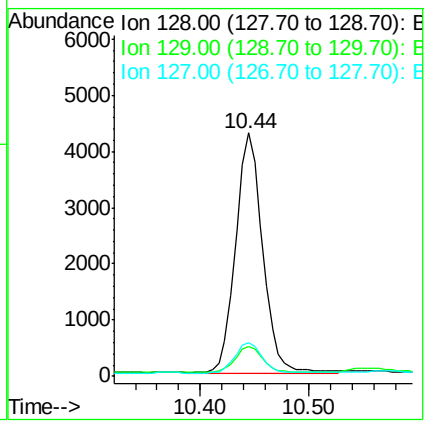




#3
Naphthalene
Concen: 0.499 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.02 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:128 Resp: 7359

Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.4	15.6
127	14.0	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
JLC57

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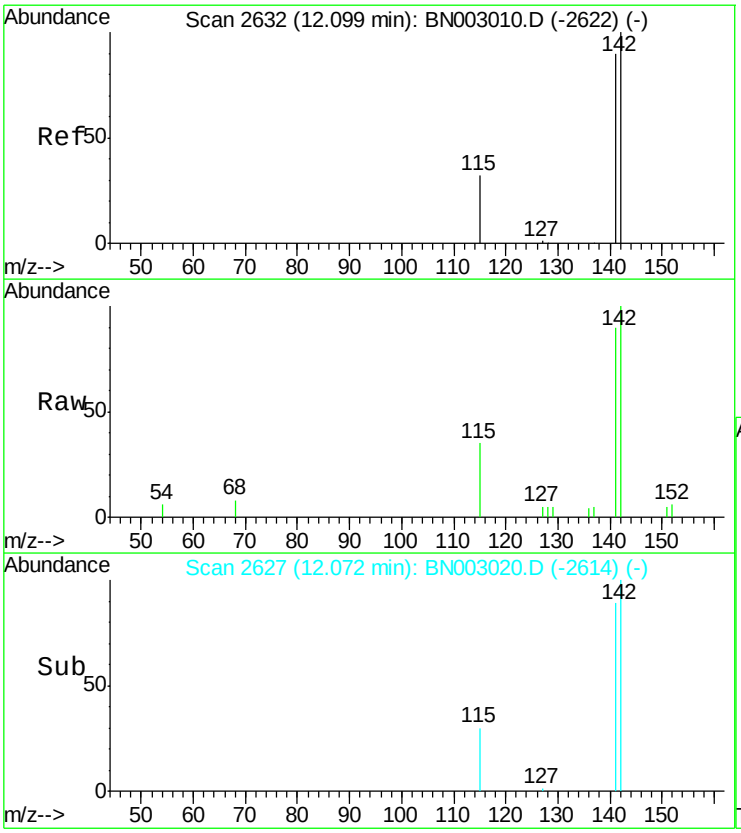
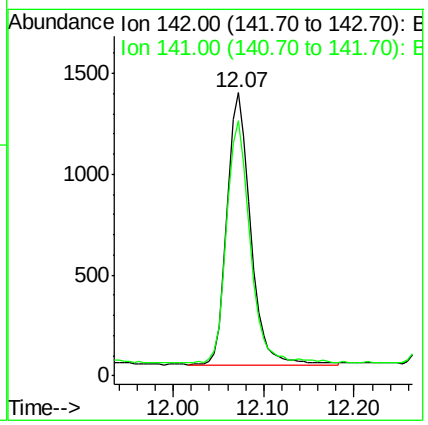
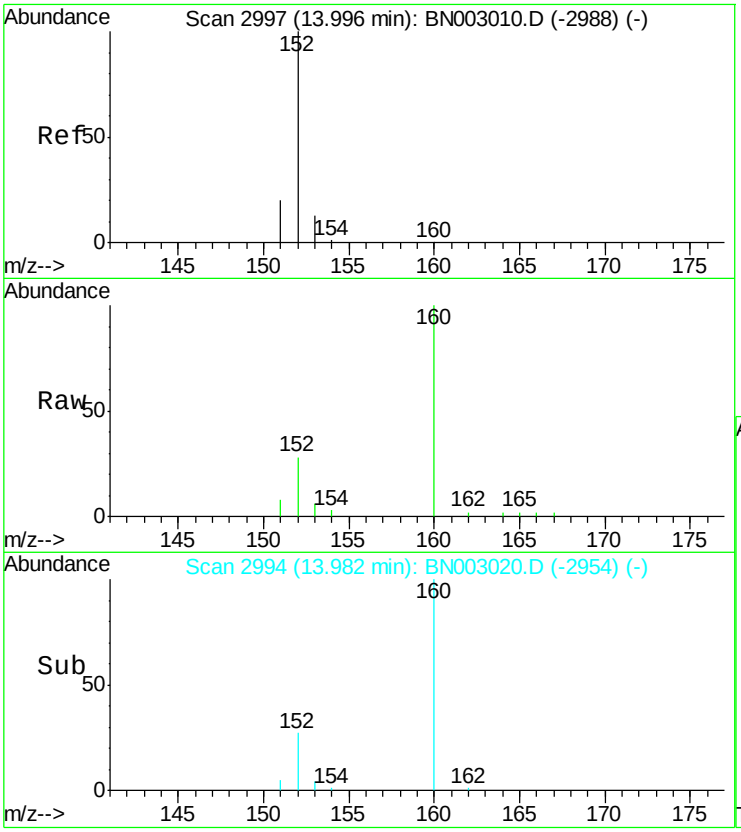


#5
2-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.07 min Scan# 2627
Delta R.T. -0.03 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:142 Resp: 2410

Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.4	110.0

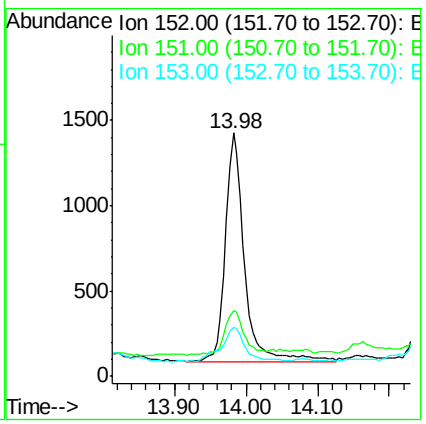




#7
Acenaphthylene
Concen: 0.144 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:152 Resp: 2472

Ion	Ratio	Lower	Upper
152	100		
151	27.1	16.5	24.7#
153	20.3	11.4	17.2#



Instrument :
BNA_N
ClientSampleId :
JLC57

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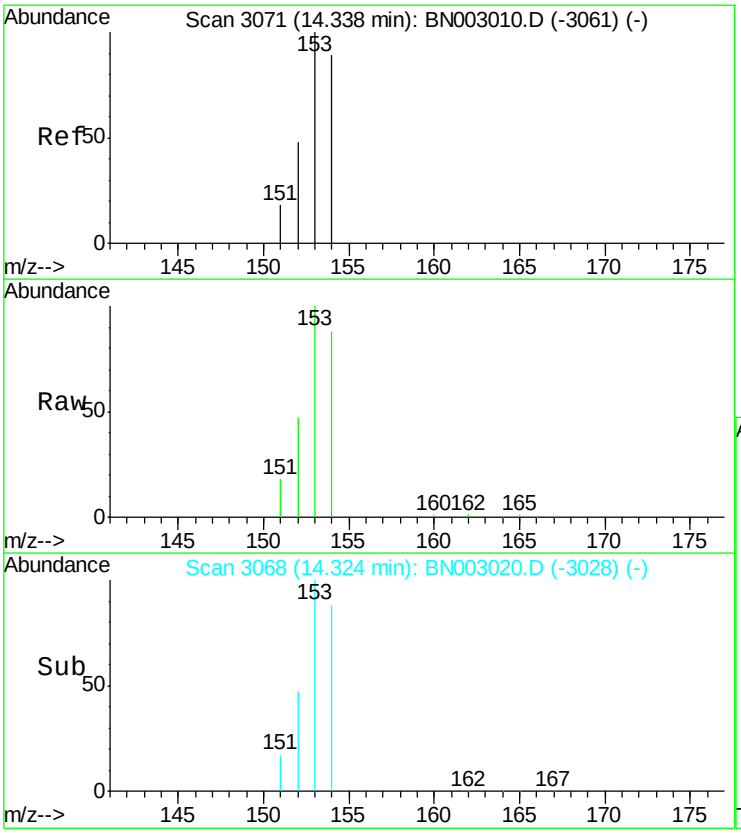
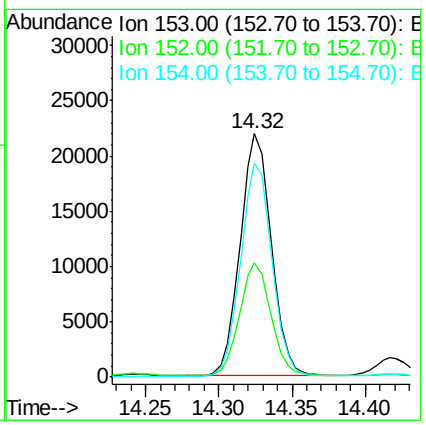
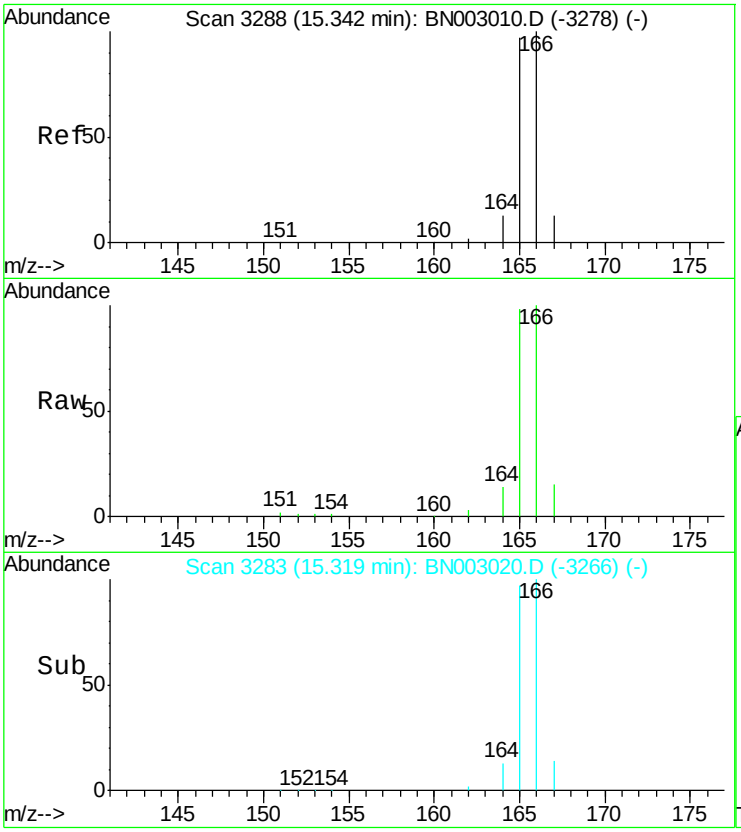


#8
Acenaphthene
Concen: 2.495 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:153 Resp: 32393

Ion	Ratio	Lower	Upper
153	100		
152	46.9	38.2	57.4
154	88.1	70.2	105.2

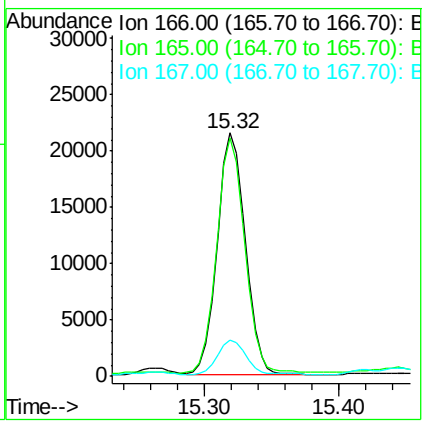




#9
Fluorene
Concen: 2.094 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.02 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:166 Resp: 31135

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.5	117.7
167	14.8	11.6	17.4



Instrument :
BNA_N
ClientSampleId :
JLC57

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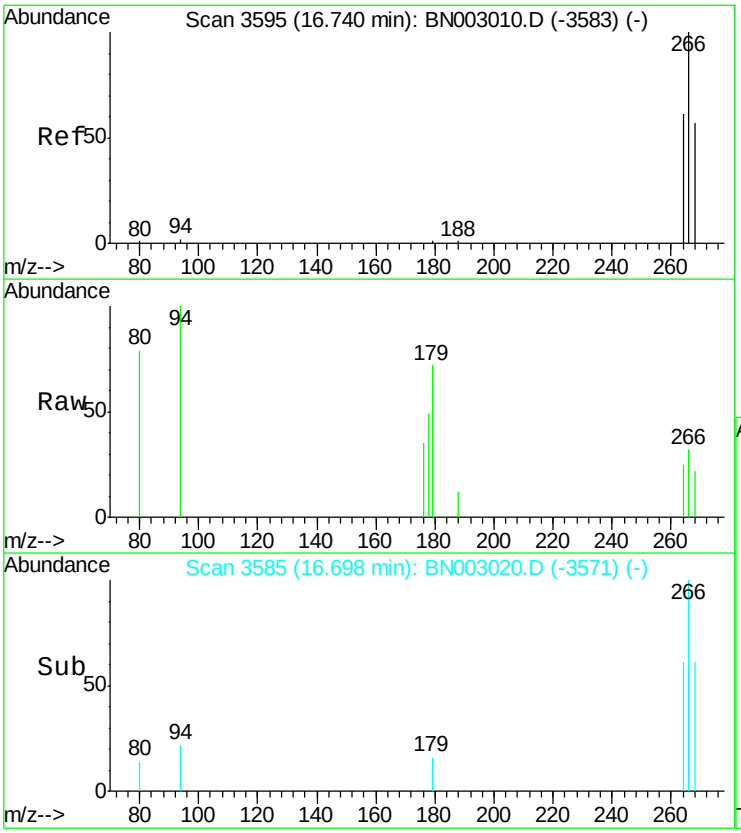
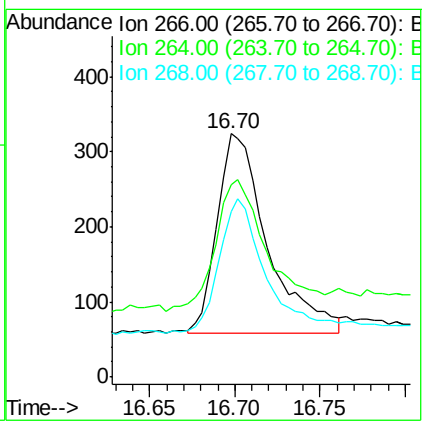
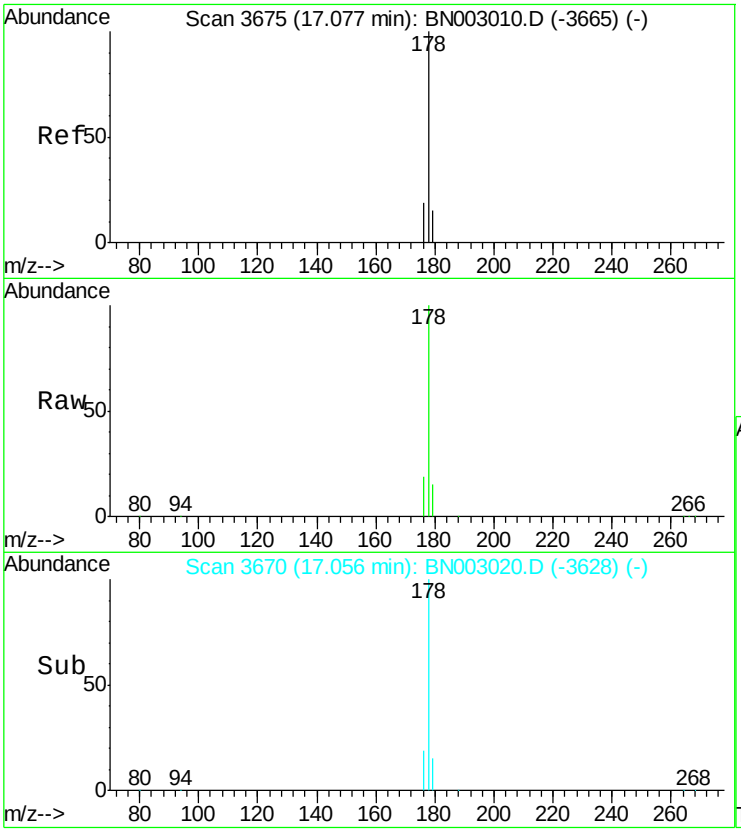


#11
Pentachlorophenol
Concen: 0.695 ng/ul m
RT: 16.70 min Scan# 3585
Delta R.T. -0.04 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:266 Resp: 549

Ion	Ratio	Lower	Upper
266	100		
264	0.5	52.5	78.7#
268	2.9	48.6	72.8#

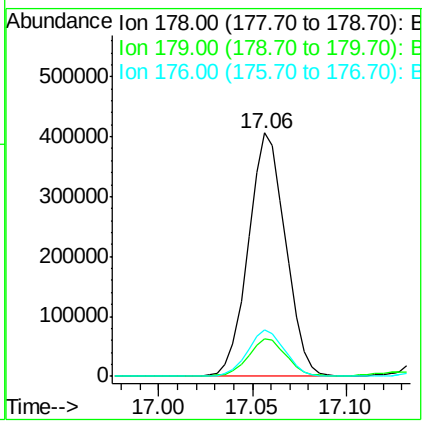




#12
Phenanthrene
Concen: 24.802 ng/ul m
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:178 Resp: 562631

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	18.9	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
JLC57

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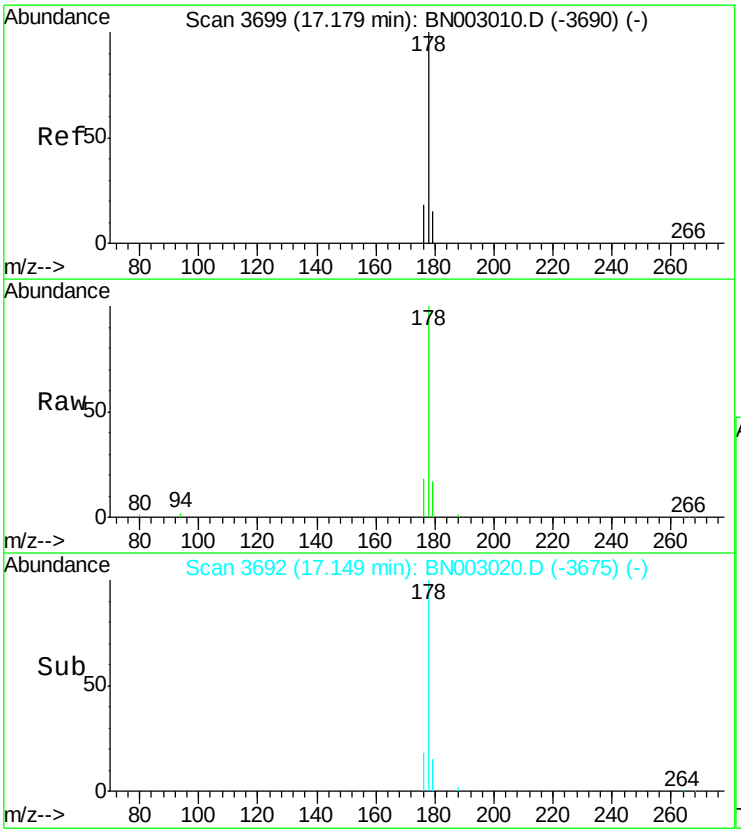
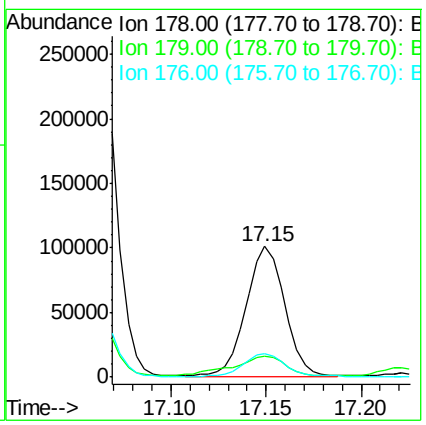
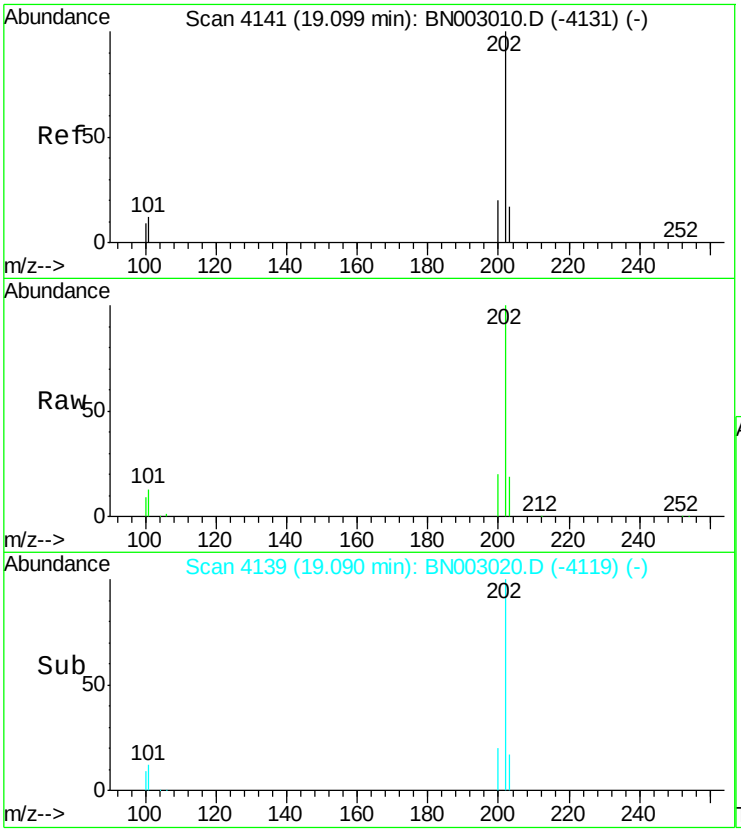


#13
Anthracene
Concen: 6.766 ng/ul m
RT: 17.15 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:178 Resp: 144981

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	18.4	15.3	22.9

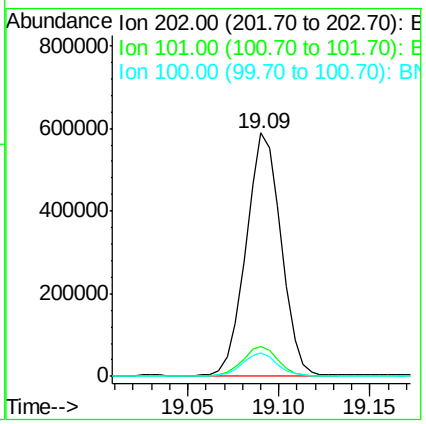




#15
Fluoranthene
Concen: 29.669 ng/ul m
RT: 19.09 min Scan# 4139
Delta R.T. -0.01 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:202 Resp: 789600

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	32.3
100	9.4	0.0	29.1



Instrument :
BNA_N
ClientSampleId :
JLC57

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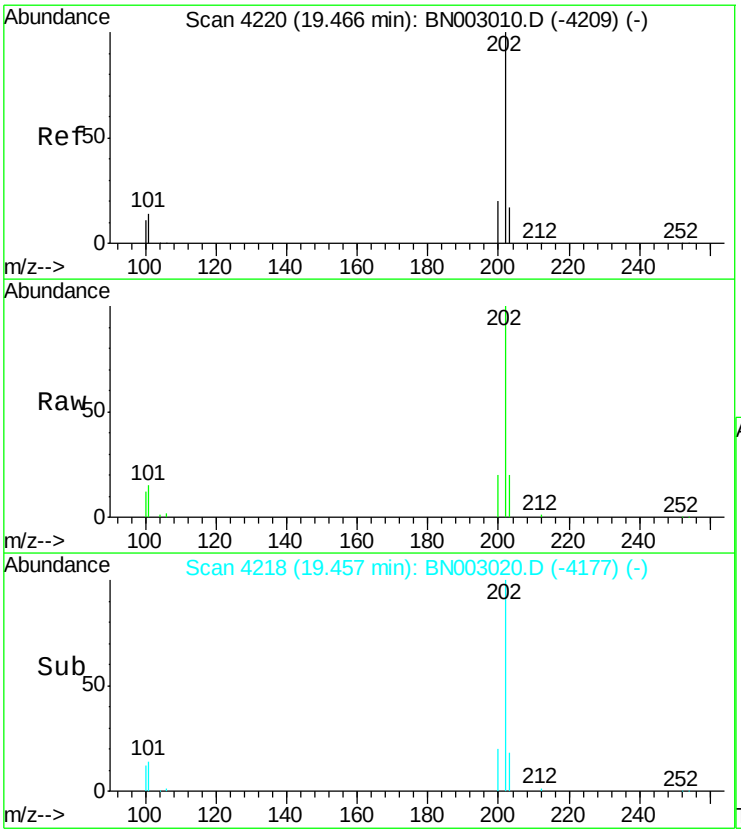
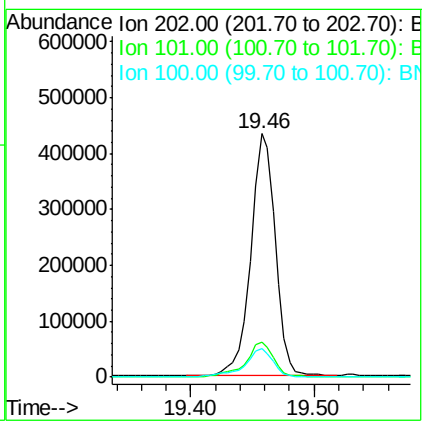
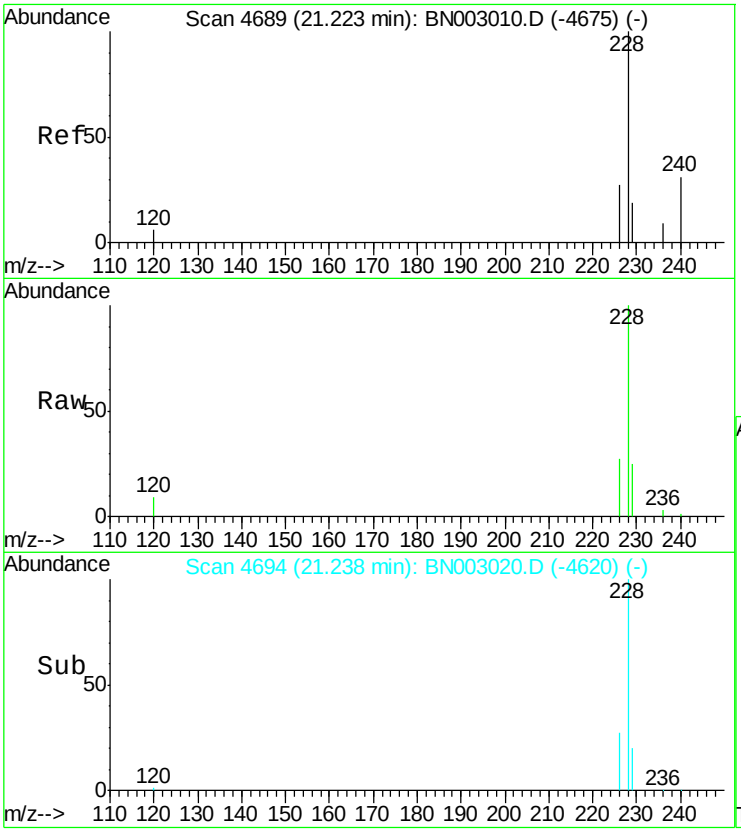


#17
Pyrene
Concen: 32.205 ng/ul
RT: 19.46 min Scan# 4218
Delta R.T. -0.01 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:202 Resp: 596637

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.9	17.9
100	11.8	9.9	14.9

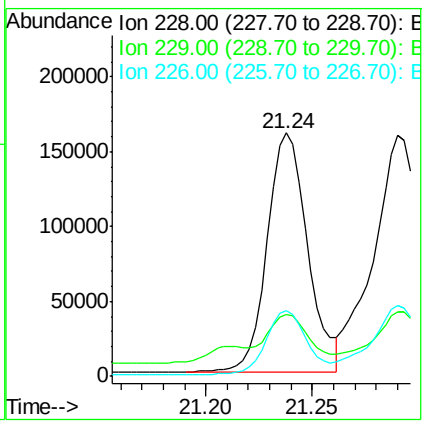




#18
Benzo(a)anthracene
Concen: 13.648 ng/ul
RT: 21.24 min Scan# 4694
Delta R.T. 0.01 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:228 Resp: 209496

Ion	Ratio	Lower	Upper
228	100		
229	25.2	16.2	24.2#
226	27.0	22.3	33.5



Instrument :
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ClientSampleId :
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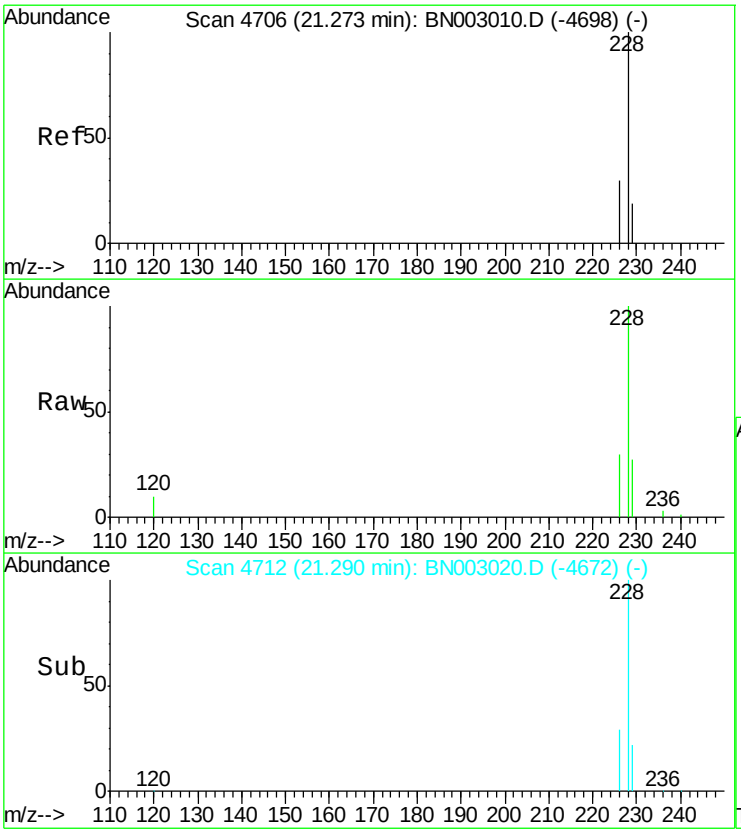
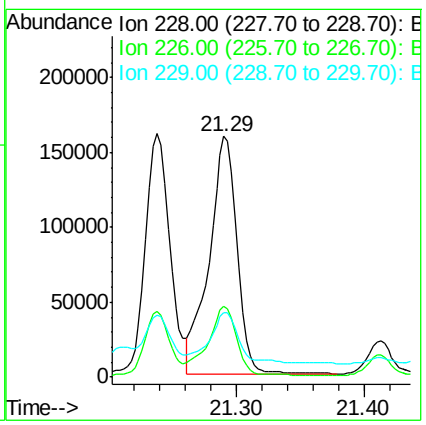
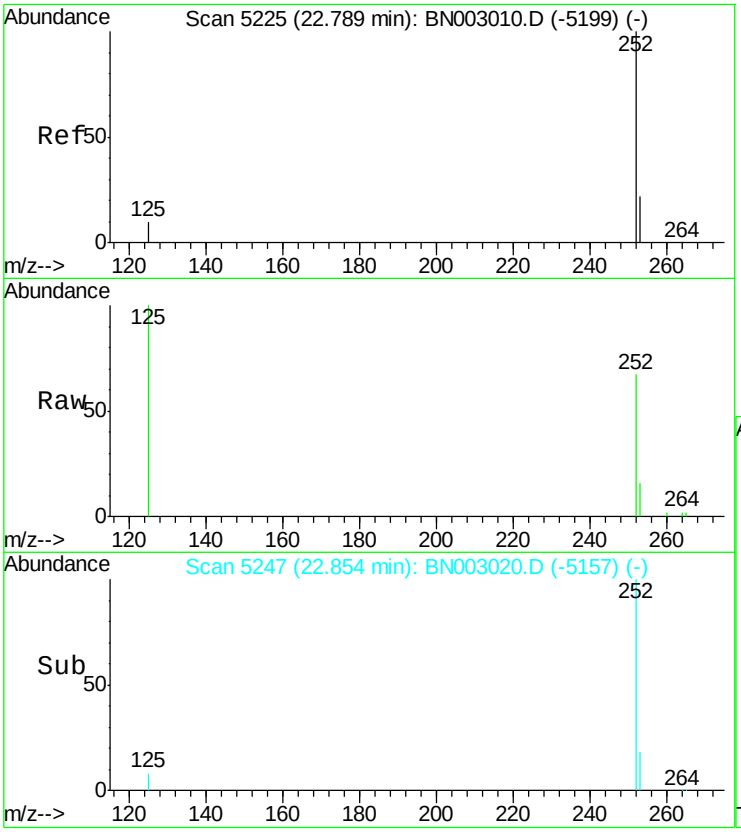


#19
Chrysene
Concen: 15.451 ng/ul
RT: 21.29 min Scan# 4712
Delta R.T. 0.02 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:228 Resp: 240837

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.4
229	27.0	16.7	25.1#





#21
Benzo(b)fluoranthene
Concen: 23.906 ng/ul m
RT: 22.85 min Scan# 5247
Delta R.T. 0.06 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:252 Resp: 419974

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	53.2
125	149.1	0.0	34.2#

Instrument :
BNA_N
ClientSampleId :
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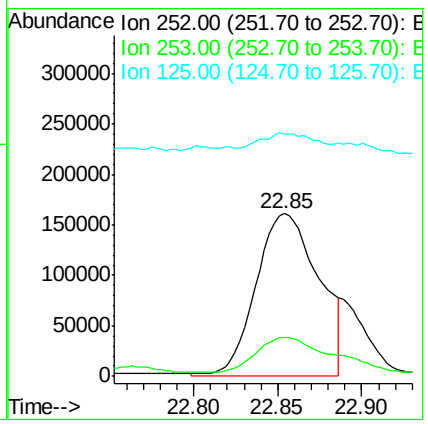
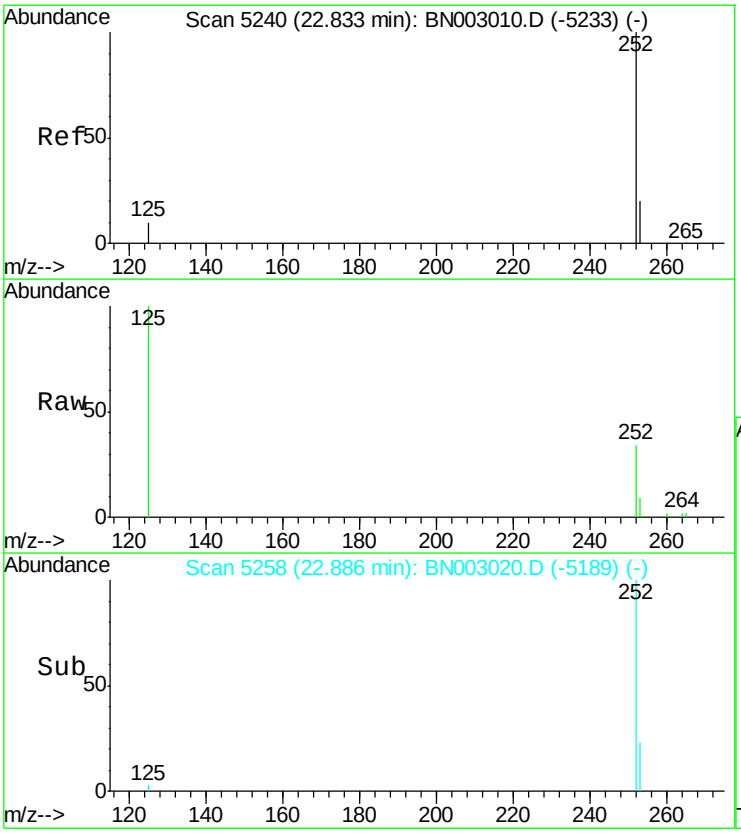
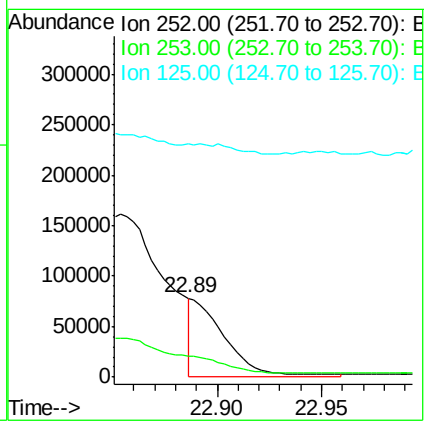


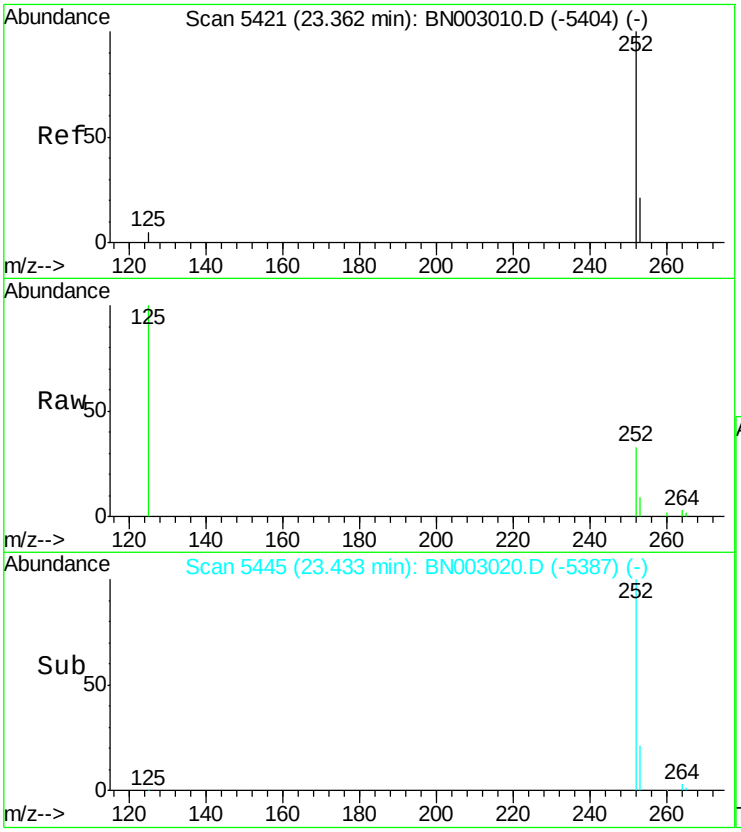


#22
Benzo(k)fluoranthene
Concen: 4.907 ng/ul m
RT: 22.89 min Scan# 5258
Delta R.T. 0.05 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:252 Resp: 89366

Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.3	31.9
125	294.3	14.1	21.1#





#23
Benzo(a)pyrene
Concen: 9.900 ng/ul m
RT: 23.43 min Scan# 5445
Delta R.T. 0.07 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:252 Resp: 155867

Ion	Ratio	Lower	Upper
252	100		
253	26.6	23.1	34.7
125	307.6	16.9	25.3#

Instrument :
BNA_N
ClientSampleId :
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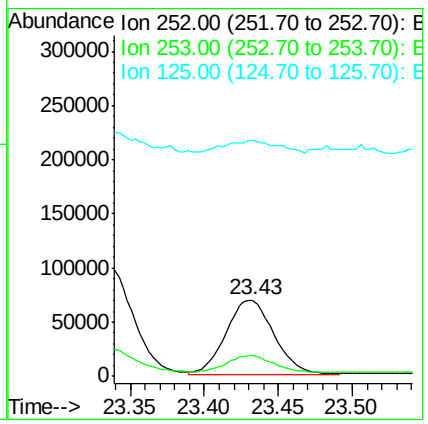
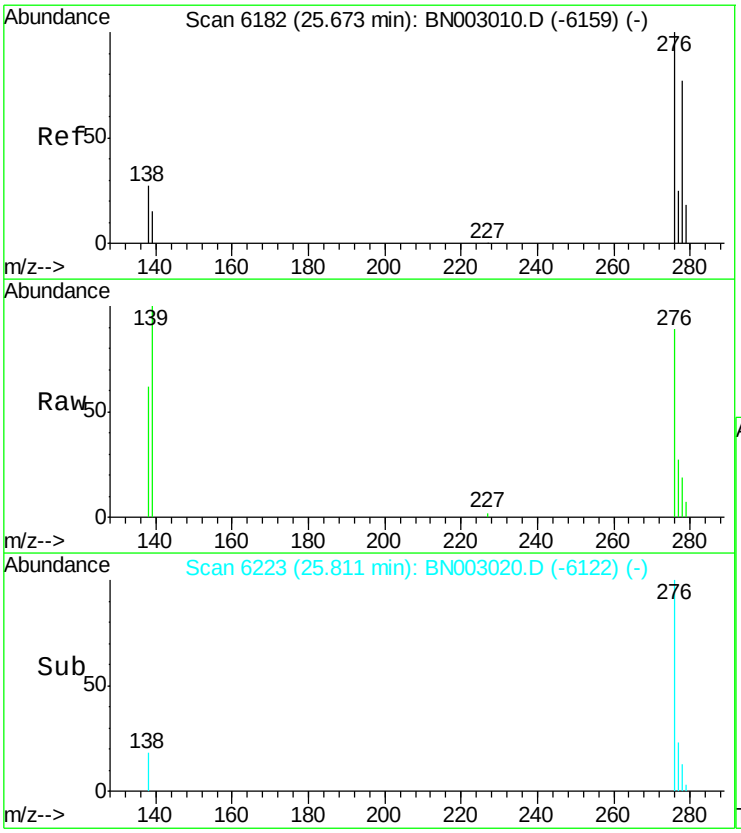
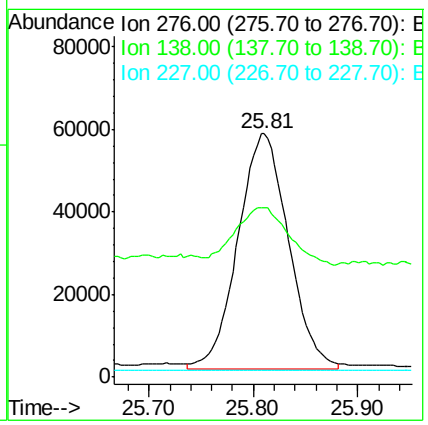


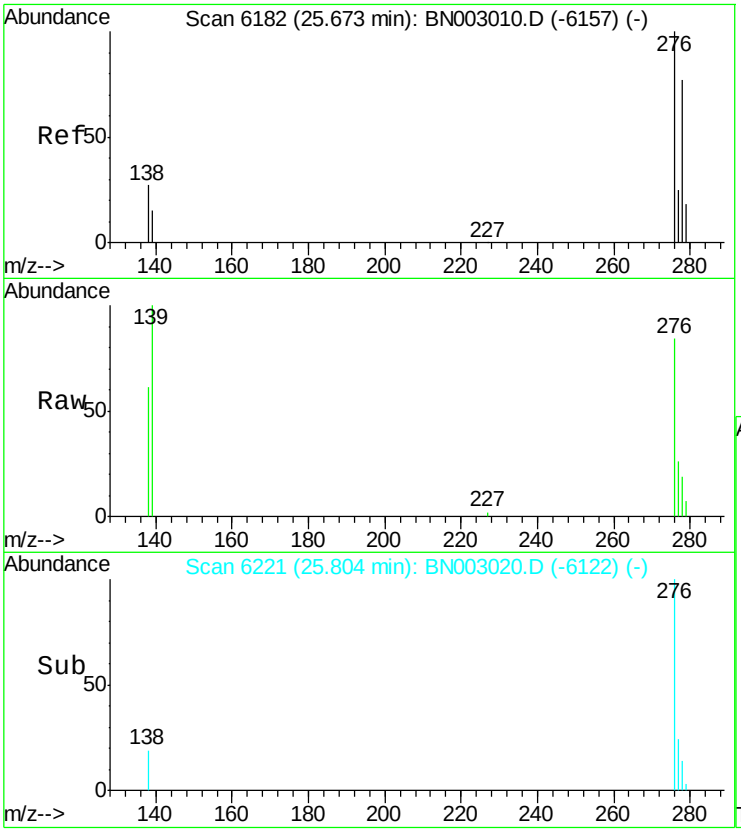


#24
Indeno(1,2,3-cd)pyrene
Concen: 10.635 ng/ul m
RT: 25.81 min Scan# 6223
Delta R.T. 0.14 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:276 Resp: 192418

Ion	Ratio	Lower	Upper
276	100		
138	2.6	21.5	32.3#
227	0.0	0.3	0.5#





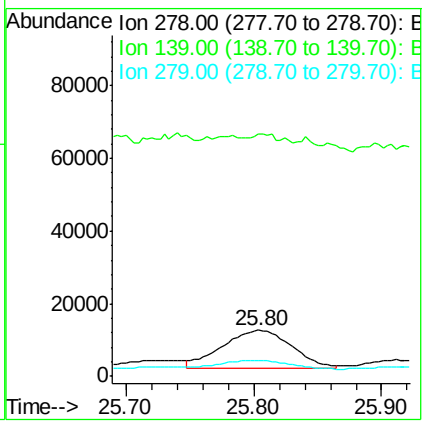
#25
Dibenzo(a,h)anthracene
Concen: 2.704 ng/ul m
RT: 25.80 min Scan# 6221
Delta R.T. 0.13 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

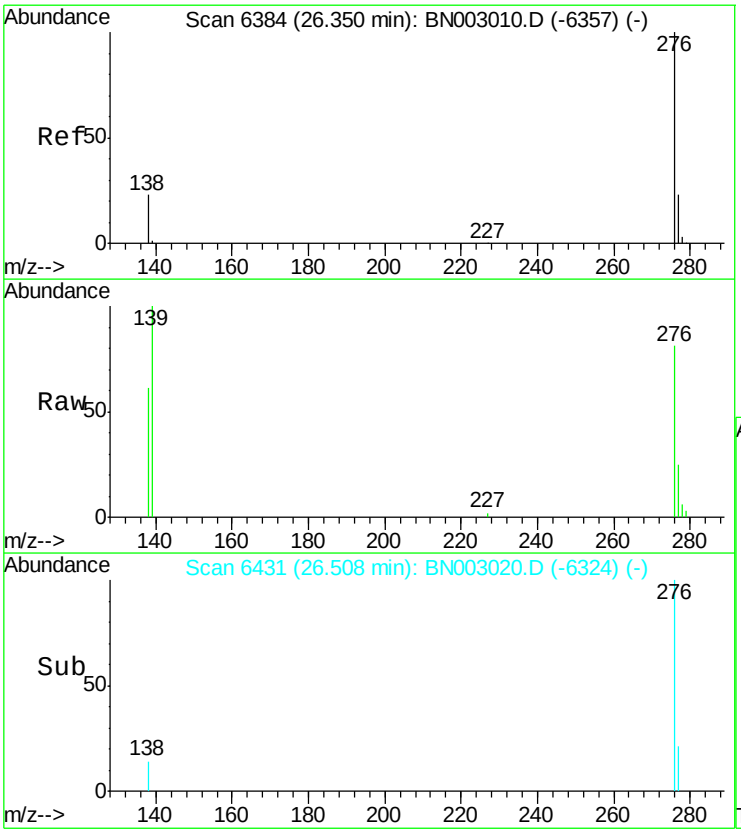
Tgt Ion:278 Resp: 39155

Ion	Ratio	Lower	Upper
278	100		
139	529.0	20.2	30.4#
279	34.8	23.8	35.8

Instrument :
BNA_N
ClientSampleId :
JLC57

Manual Integrations APPROVED
Sohil
10/9/2018 5:38:34 PM





#26
Benzo(g,h,i)perylene
Concen: 10.781 ng/ul m
RT: 26.51 min Scan# 6431
Delta R.T. 0.16 min
Lab File: BN003020.D
Acq: 09 Oct 2018 11:20

Tgt Ion:276 Resp: 164479

Ion	Ratio	Lower	Upper
276	100		
138	75.8	23.0	34.4#
277	30.7	22.0	33.0