Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050719\
Data File : BN005519.D
Acq On : 07 May 2019 16:58
Operator : JU/SJ
Sample : K2403-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5101

Manual Integrations APPROVED
Sohil
5/8/2019 6:26:48 AM

Quant Time: May 08 03:26:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1632	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	6690	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.22	164	4290	0.40	ng/ul	-0.02
10) Phenanthrene-d10	16.98	188	10696m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	10604m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	8485m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3015	0.29	ng/ul	-0.03
14) Fluoranthene-d10	19.03	212	9733m	0.29	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.39	128	1763	0.100	ng/ul#	92
5) 2-Methylnaphthalene	12.03	142	1315	0.109	ng/ul	98
7) Acenaphthylene	13.94	152	2964	0.137	ng/ul	97
8) Acenaphthene	14.29	153	2237	0.146	ng/ul	99
9) Fluorene	15.28	166	3452	0.193	ng/ul	98
12) Phenanthrene	17.02	178	120814m	4.146	ng/ul	
13) Anthracene	17.12	178	16890m	0.581	ng/ul	
15) Fluoranthene	19.06	202	360683m	8.942	ng/ul	
17) Pyrene	19.42	202	284008	7.253	ng/ul	97
18) Benzo(a)anthracene	21.20	228	144068	3.941	ng/ul	99
19) Chrysene	21.26	228	185087	4.122	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	221507m	8.683	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	91885m	2.874	ng/ul	
23) Benzo(a)pyrene	23.34	252	124868m	4.380	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.62	276	85283m	2.674	ng/ul	
25) Dibenzo(a,h)anthracene	25.63	278	20252	0.768	ng/ul	97
26) Benzo(g,h,i)perylene	26.29	276	66150m	2.433	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050719\
Data File : BN005519.D
Acq On : 07 May 2019 16:58
Operator : JU/SJ
Sample : K2403-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 08 03:26:01 2019
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QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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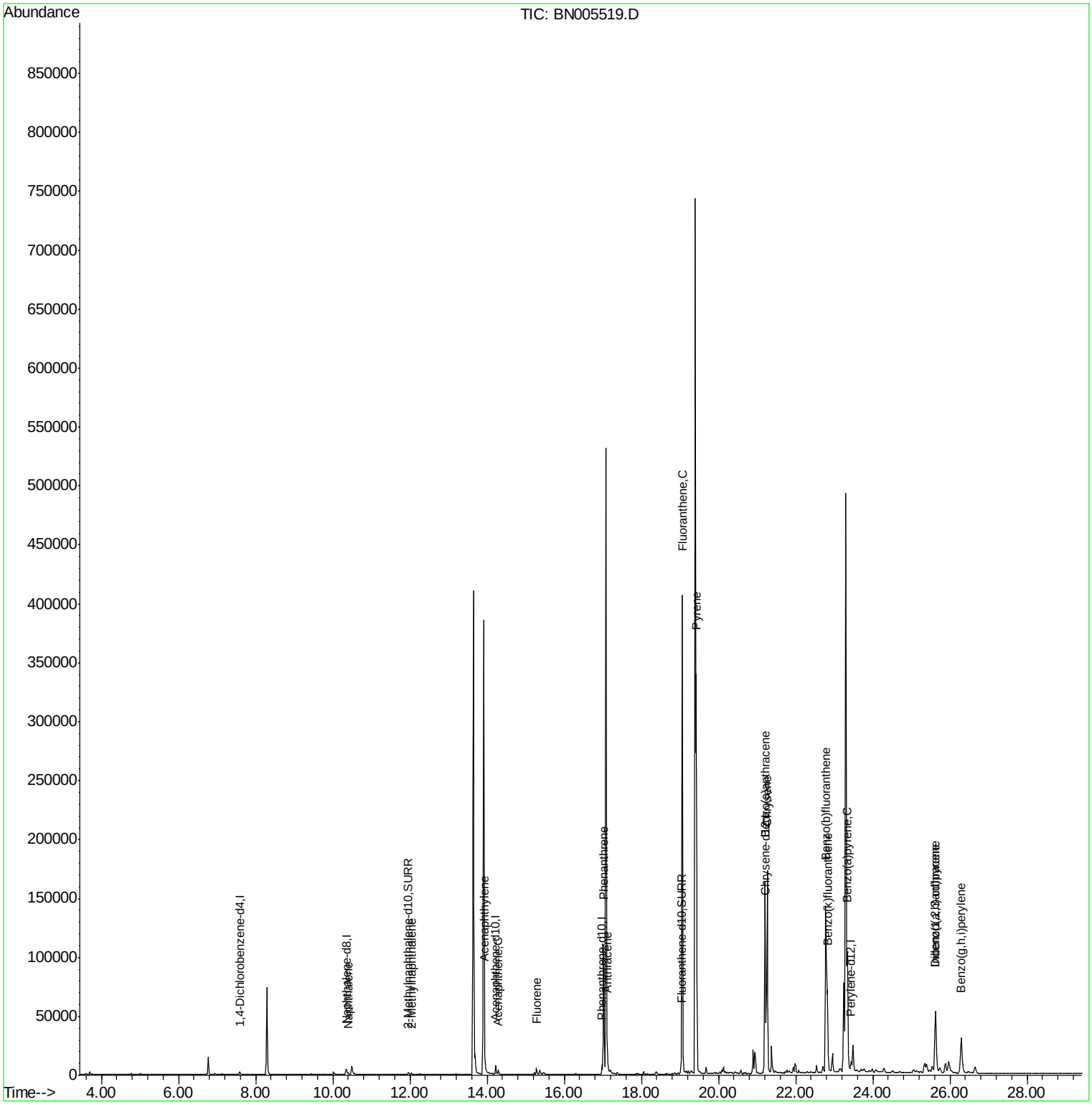

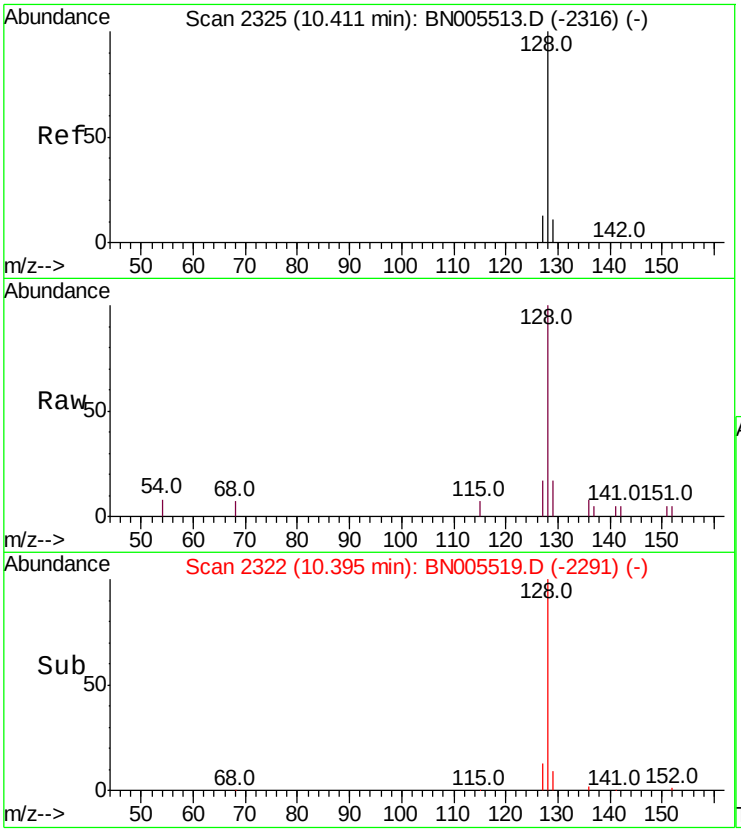

#3
Naphthalene
Concen: 0.100 ng/ul
RT: 10.39 min Scan# 2322
Delta R.T. -0.03 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:128 Resp: 1763

Ion	Ratio	Lower	Upper
128	100		
129	17.3	10.2	15.2#
127	16.7	11.8	17.8

Instrument :
BNA_N
ClientSampleId :
A5101

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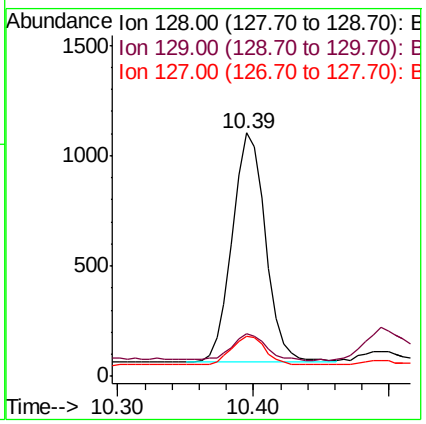
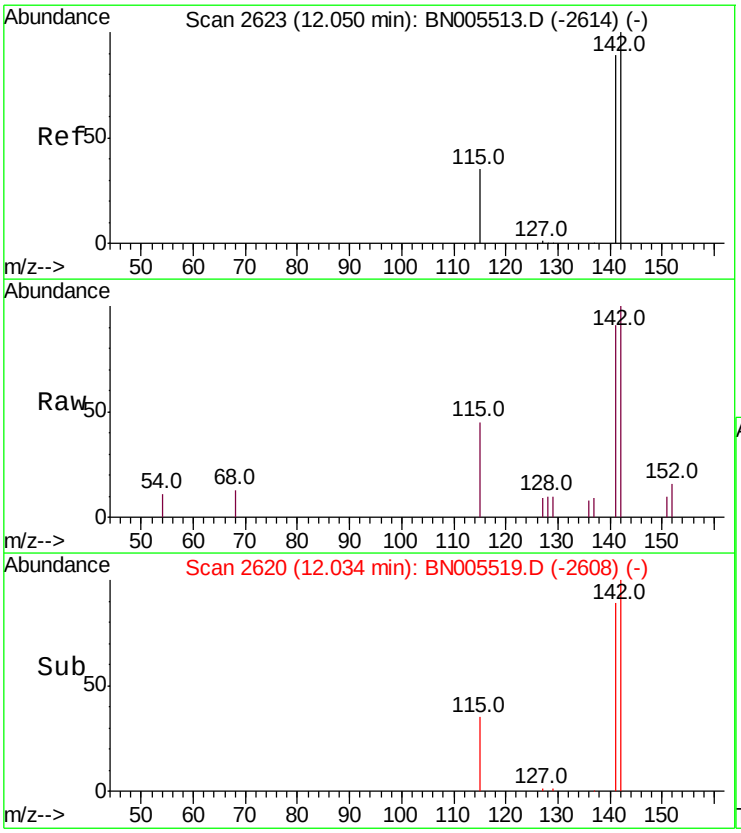
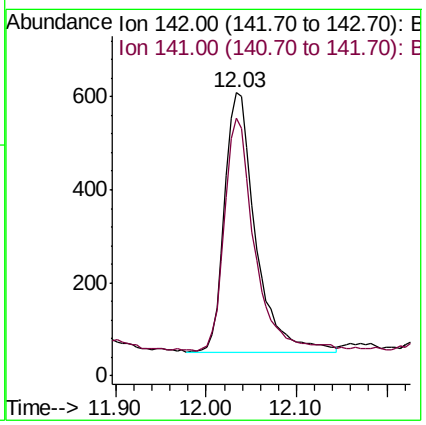


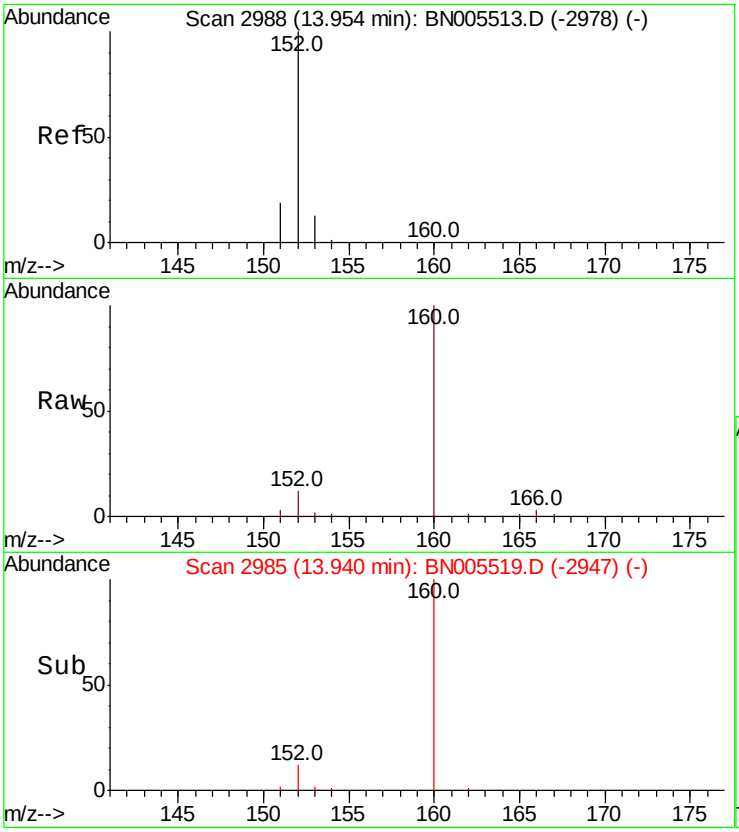


#5
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. -0.03 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:142 Resp: 1315

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.2	108.2

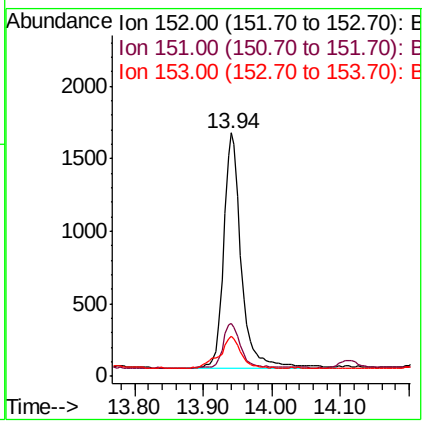




#7
Acenaphthylene
Concen: 0.137 ng/ul
RT: 13.94 min Scan# 2985
Delta R.T. -0.02 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:152 Resp: 2964

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.7	25.1
153	16.7	11.6	17.4



Instrument :
BNA_N
ClientSampleId :
A5101

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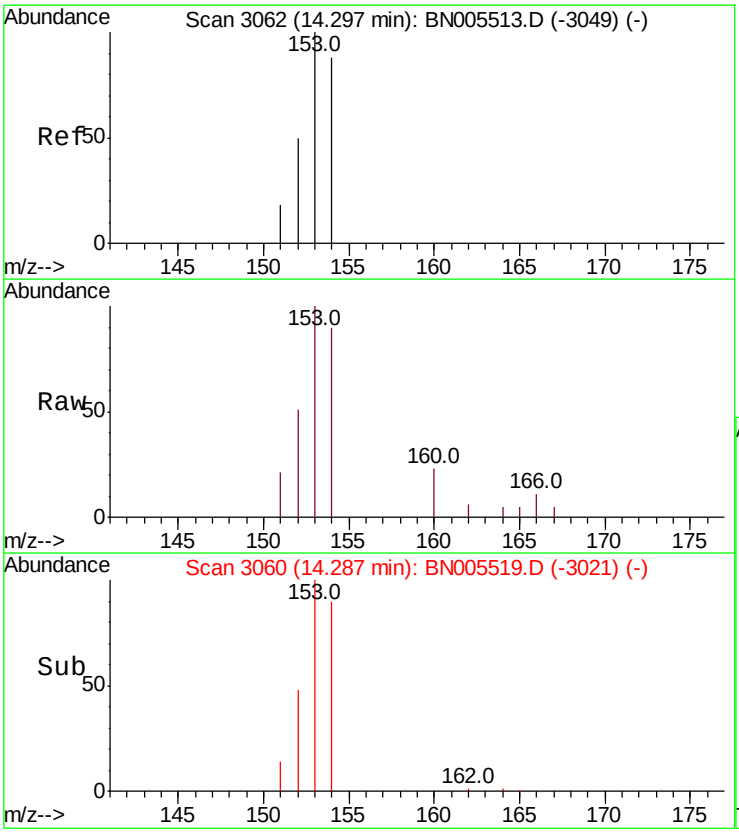
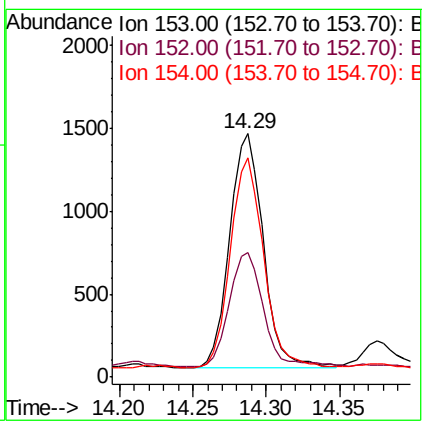
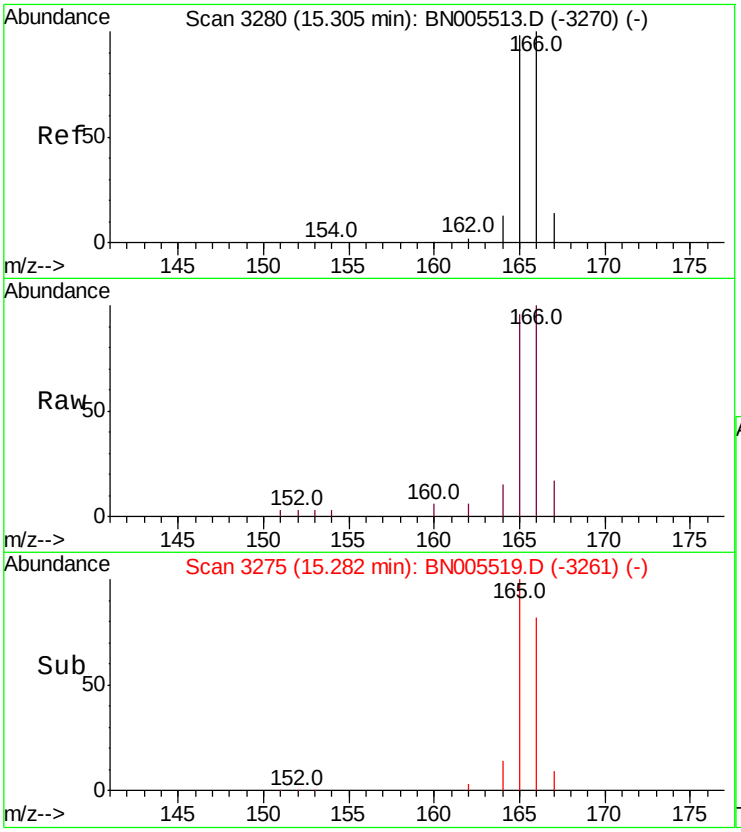


#8
Acenaphthene
Concen: 0.146 ng/ul
RT: 14.29 min Scan# 3060
Delta R.T. -0.02 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:153 Resp: 2237

Ion	Ratio	Lower	Upper
153	100		
152	51.1	40.8	61.2
154	90.1	73.2	109.8

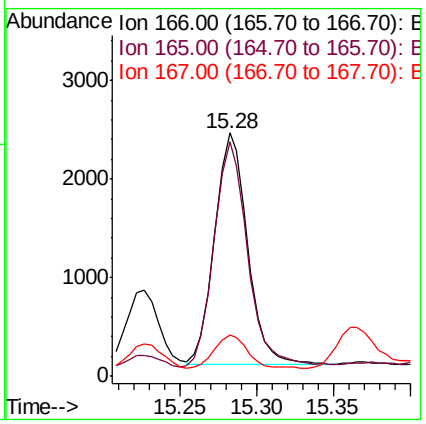




#9
Fluorene
Concen: 0.193 ng/ul
RT: 15.28 min Scan# 3275
Delta R.T. -0.04 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:166 Resp: 3452

Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.0	117.0
167	17.0	12.2	18.4



Instrument :
BNA_N
ClientSampleId :
A5101

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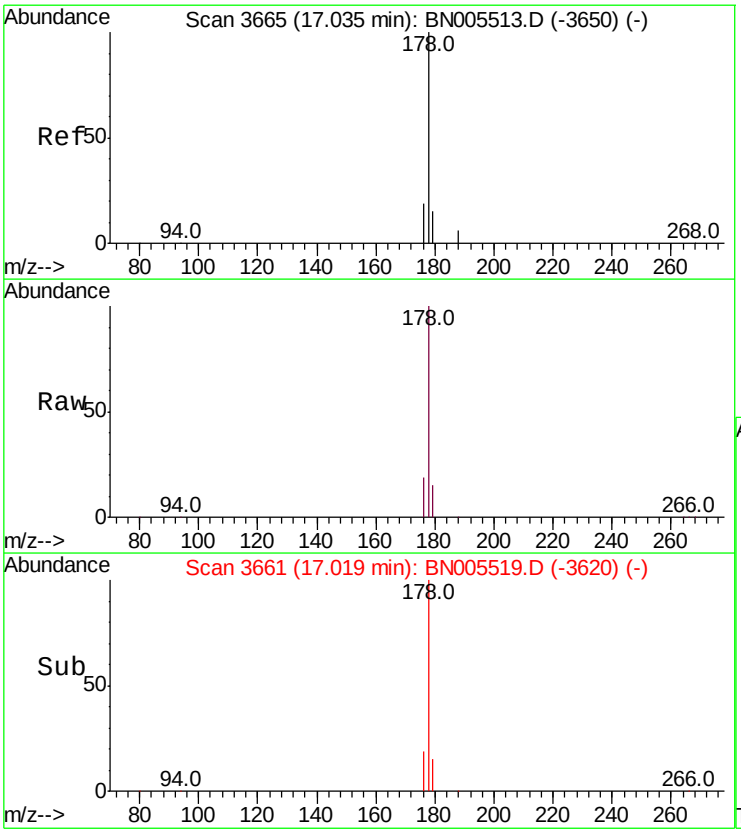
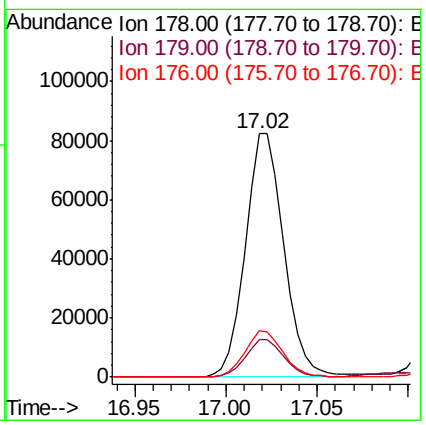
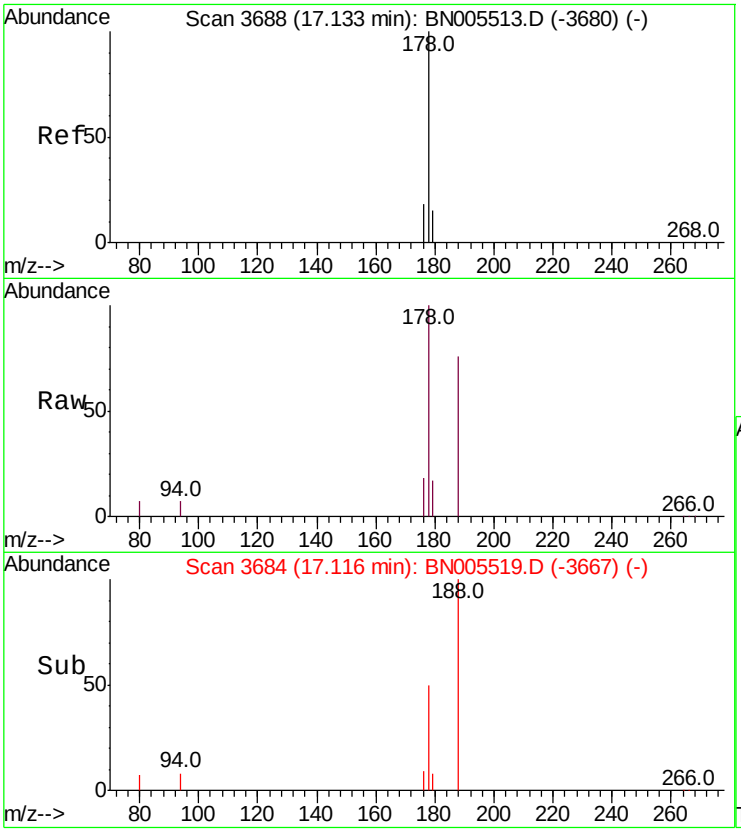


#12
Phenanthrene
Concen: 4.146 ng/ul m
RT: 17.02 min Scan# 3661
Delta R.T. -0.03 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:178 Resp: 120814

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.9	15.3	22.9

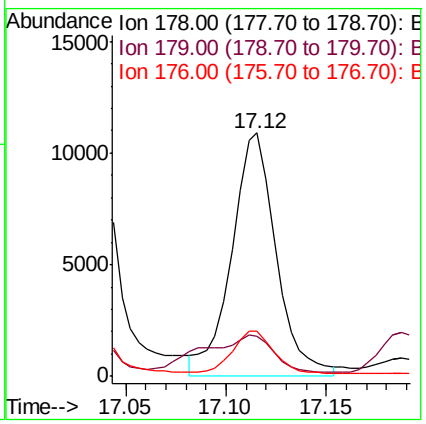




#13
Anthracene
Concen: 0.581 ng/ul m
RT: 17.12 min Scan# 3684
Delta R.T. -0.03 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:178 Resp: 16890

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.4	20.2
176	18.4	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
A5101

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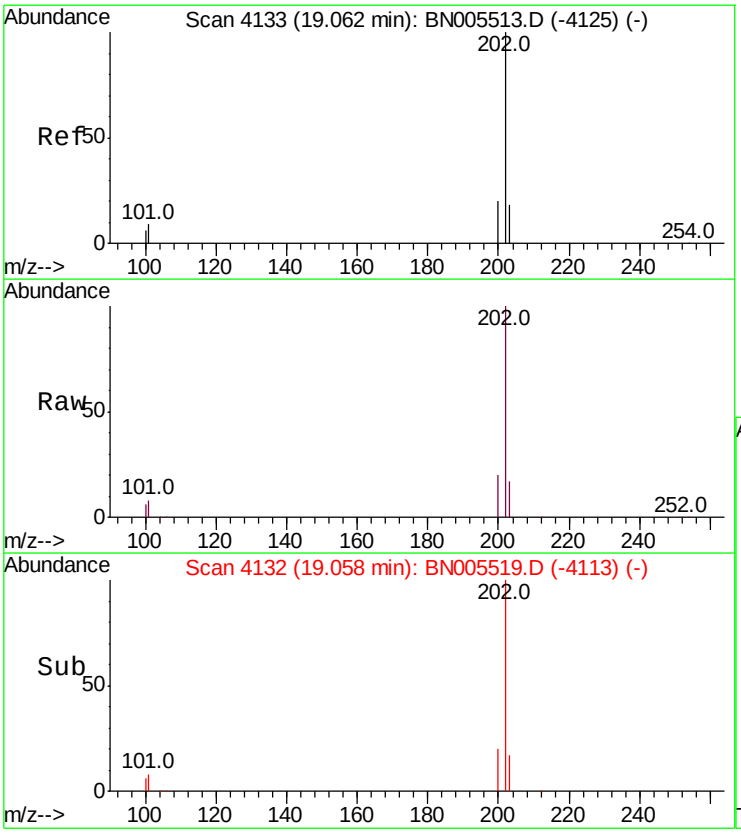
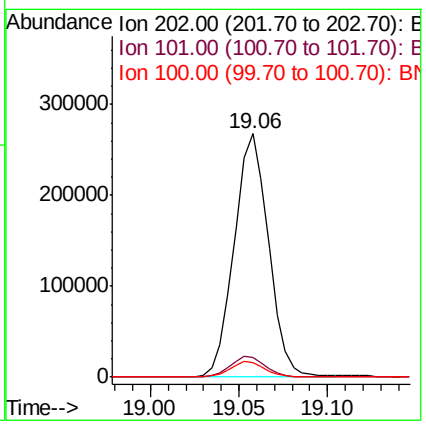
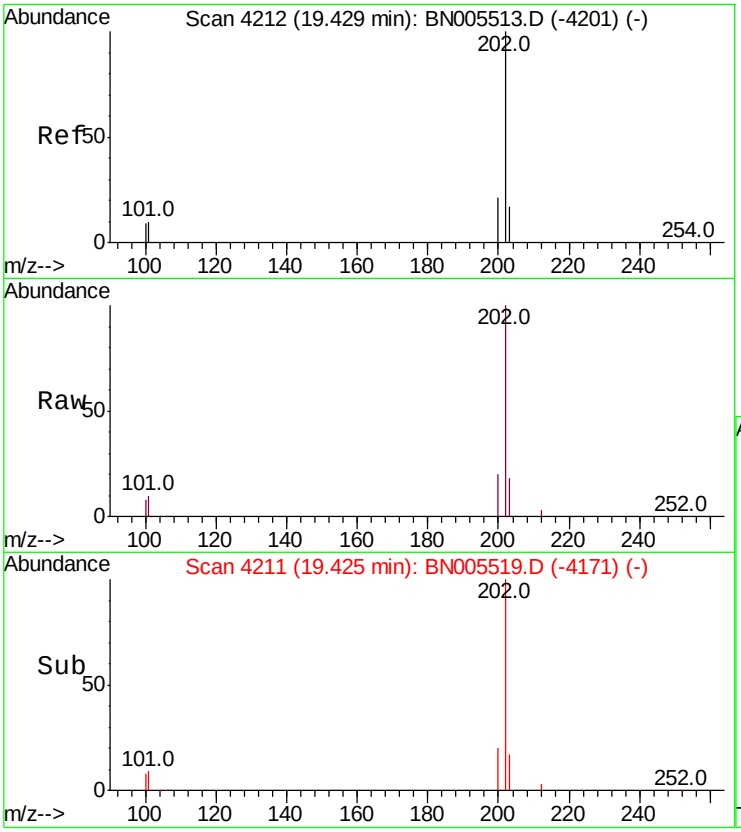


#15
Fluoranthene
Concen: 8.942 ng/ul m
RT: 19.06 min Scan# 4132
Delta R.T. -0.01 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:202 Resp: 360683

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	29.4
100	6.2	0.0	27.1

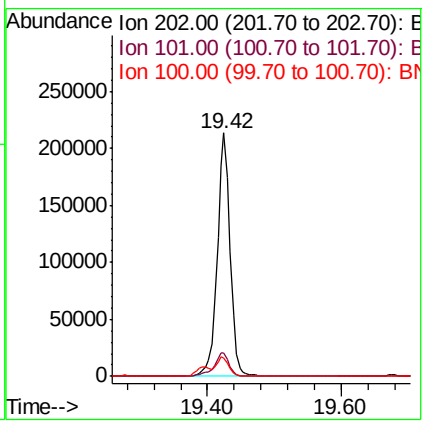




#17
Pyrene
Concen: 7.253 ng/ul
RT: 19.42 min Scan# 4211
Delta R.T. -0.01 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:202 Resp: 284008

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.5	12.7
100	7.7	6.9	10.3



Instrument :
BNA_N
ClientSampleId :
A5101

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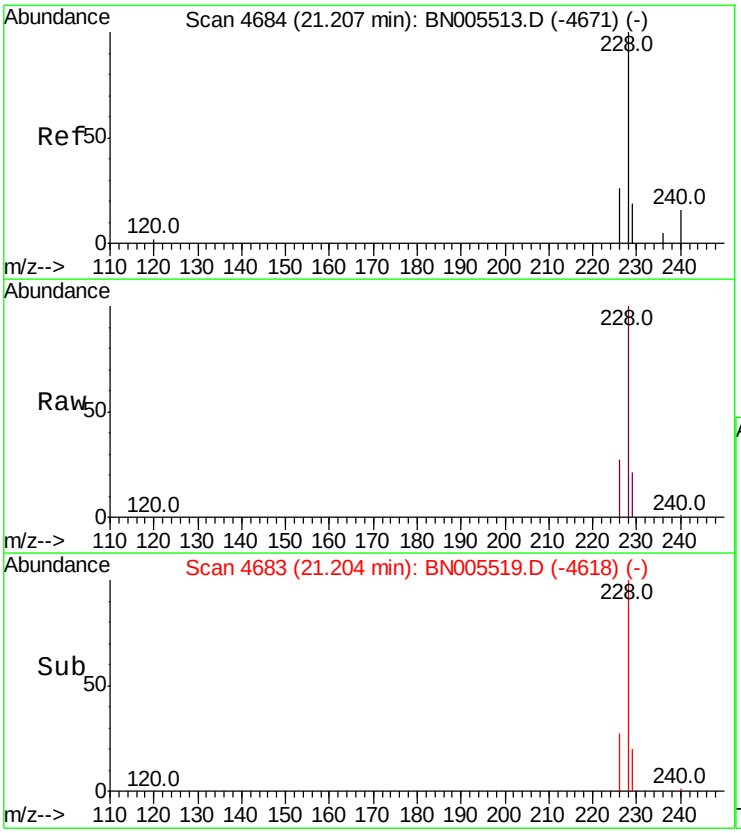
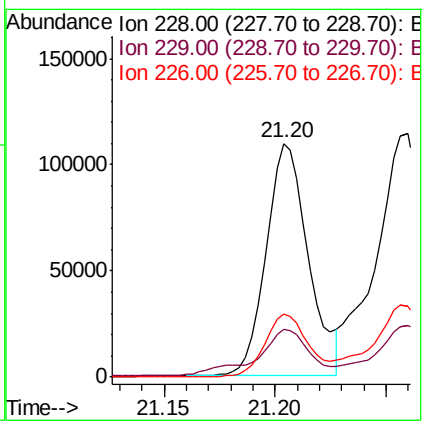
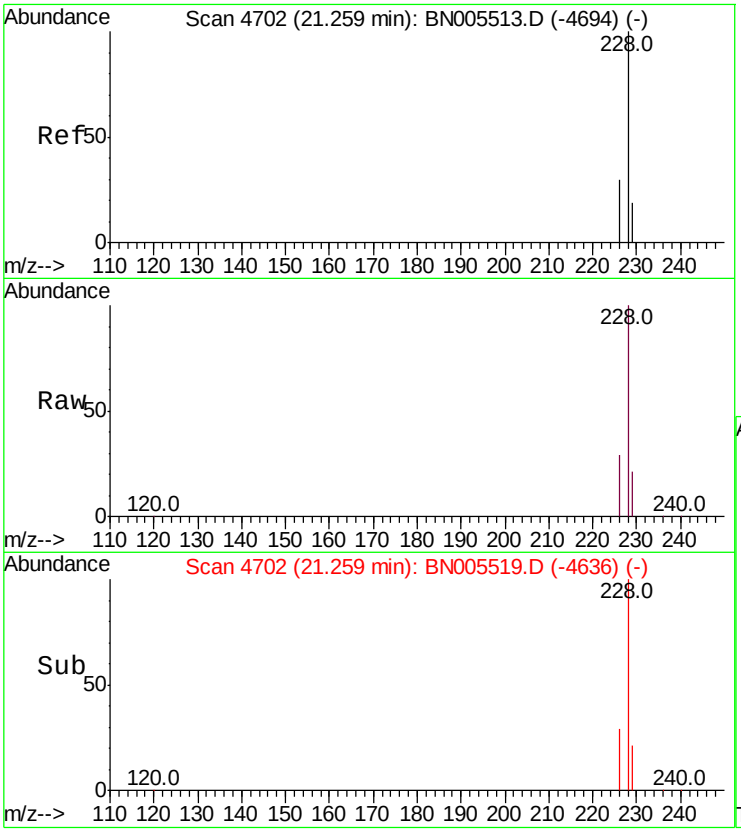


#18
Benzo(a)anthracene
Concen: 3.941 ng/ul
RT: 21.20 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:228 Resp: 144068

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	27.0	21.7	32.5

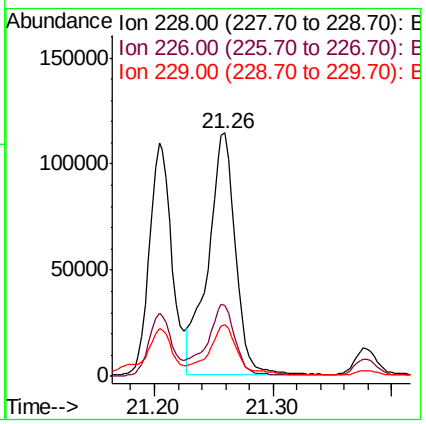




#19
Chrysene
Concen: 4.122 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:228 Resp: 185087

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.2	34.8
229	21.4	16.0	24.0



Instrument :
BNA_N
ClientSampleId :
A5101

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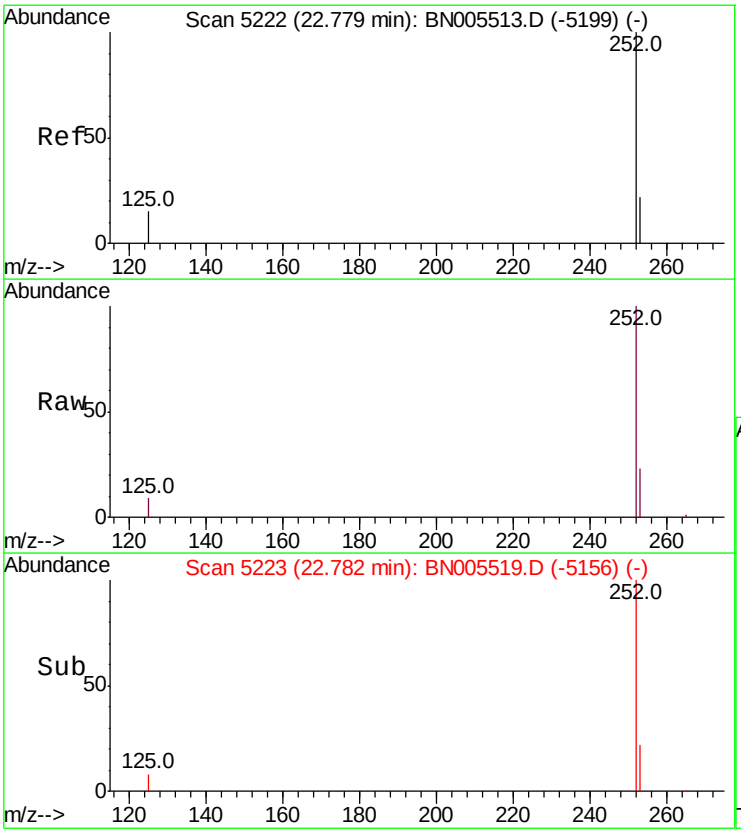
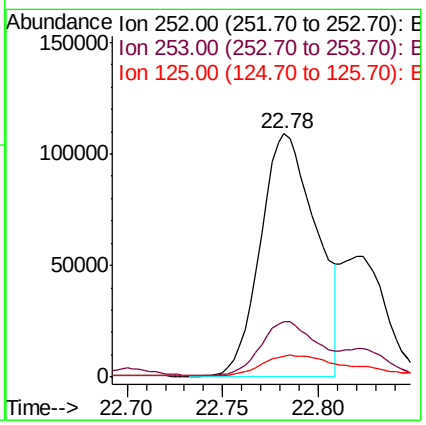
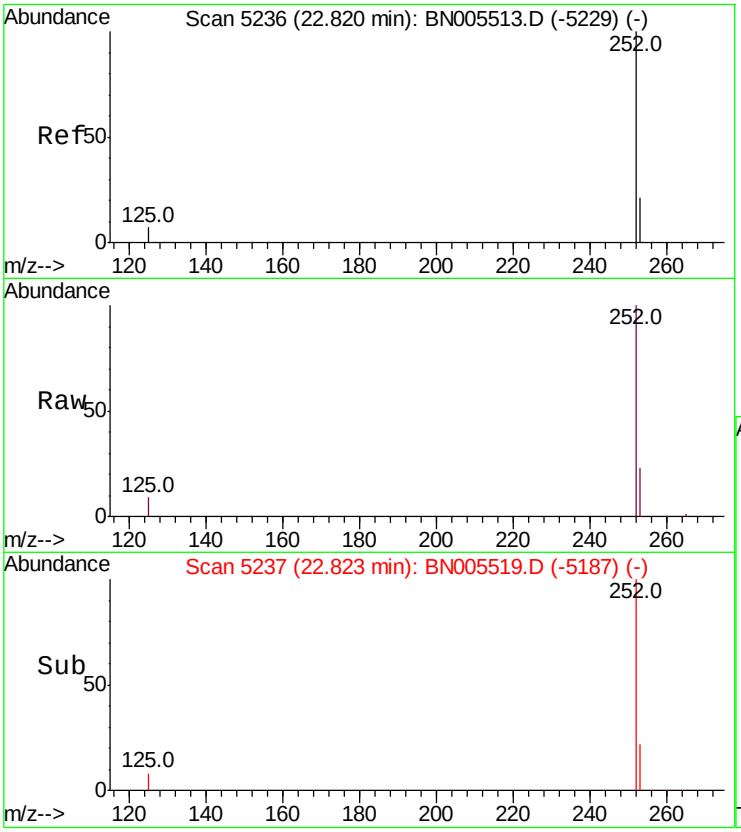


#21
Benzo(b)fluoranthene
Concen: 8.683 ng/ul m
RT: 22.78 min Scan# 5223
Delta R.T. -0.00 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:252 Resp: 221507

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	47.6
125	8.6	0.0	20.8





#22
Benzo(k)fluoranthene
Concen: 2.874 ng/ul m
RT: 22.82 min Scan# 5237
Delta R.T. -0.00 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:252 Resp: 91885

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.8	28.2
125	8.8	7.6	11.4

Instrument :
BNA_N
ClientSampleId :
A5101

Manual Integrations APPROVED
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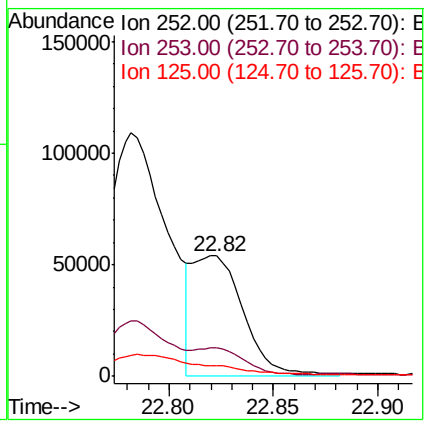
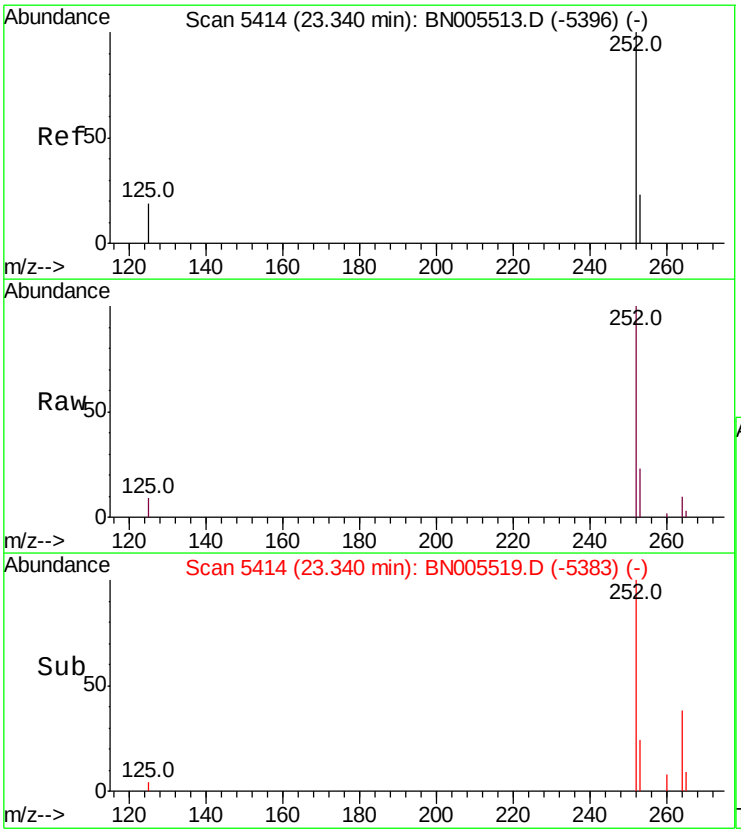
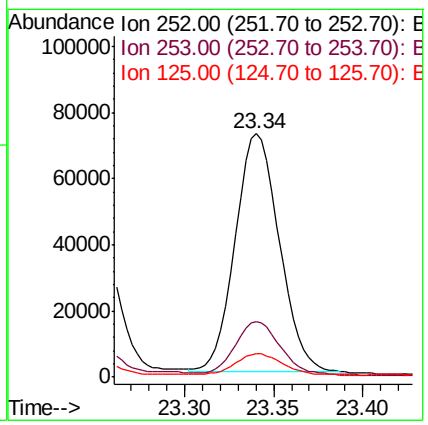


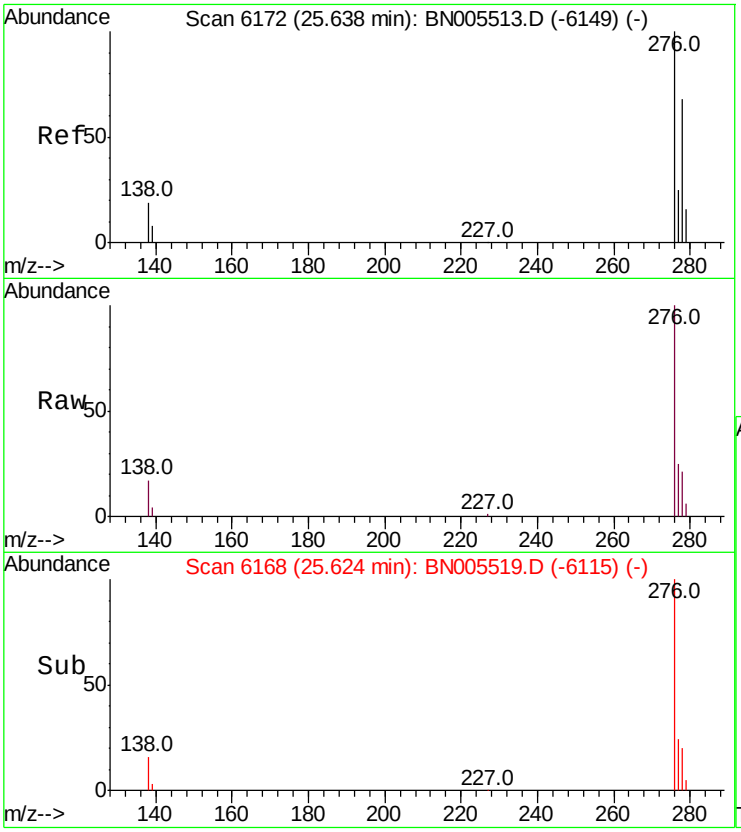


#23
Benzo(a)pyrene
Concen: 4.380 ng/ul m
RT: 23.34 min Scan# 5414
Delta R.T. -0.01 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:252 Resp: 124868

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.6	29.4
125	9.5	10.1	15.1#

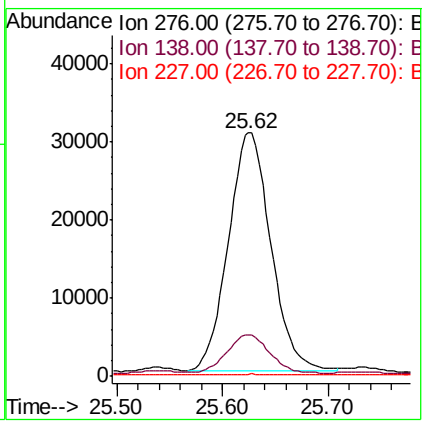




#24
Indeno(1,2,3-cd)pyrene
Concen: 2.674 ng/ul m
RT: 25.62 min Scan# 6168
Delta R.T. -0.02 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:276 Resp: 85283

Ion	Ratio	Lower	Upper
276	100		
138	1.5	15.8	23.8#
227	0.0	0.1	0.1#



Instrument :
BNA_N
ClientSampleId :
A5101

Manual Integrations APPROVED
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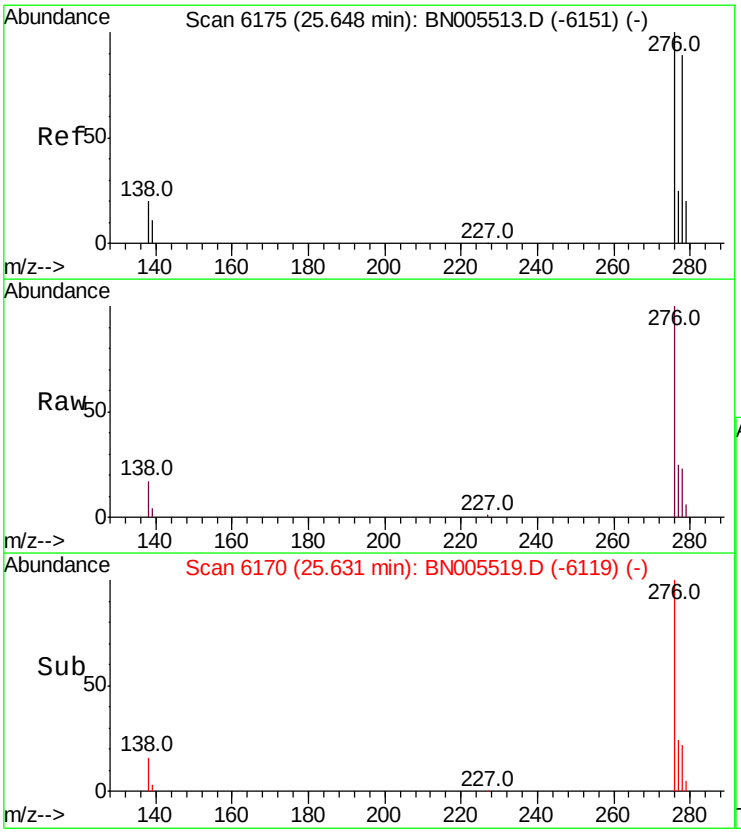
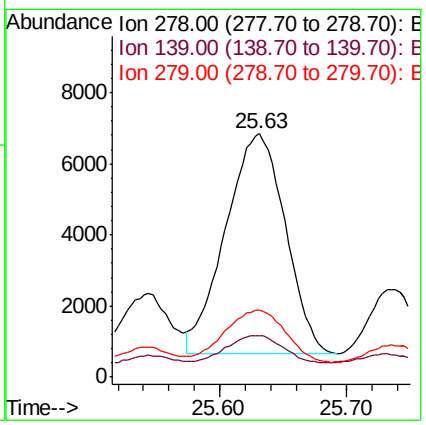
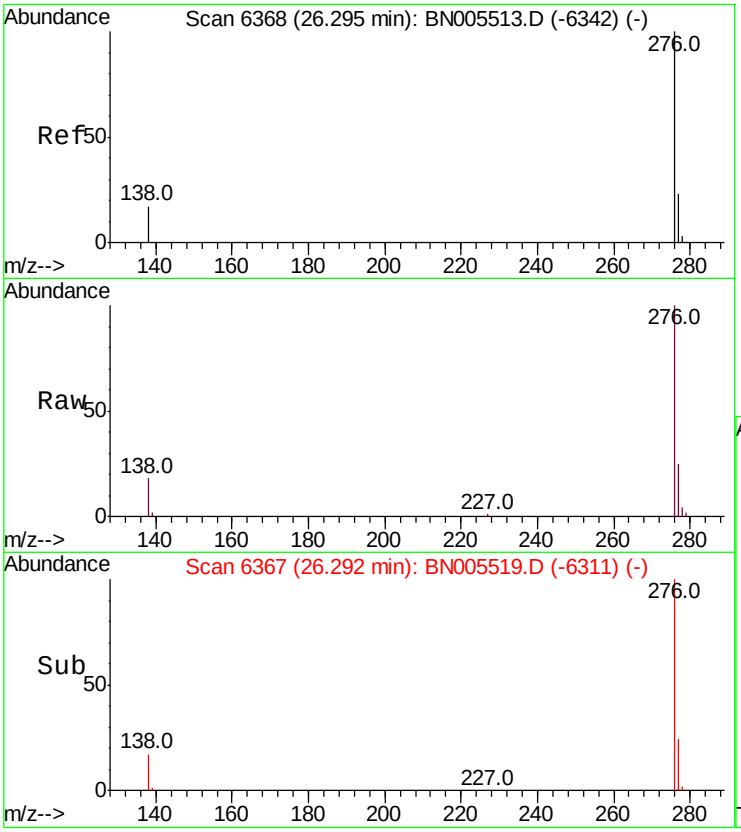


#25
Dibenzo(a,h)anthracene
Concen: 0.768 ng/ul
RT: 25.63 min Scan# 6170
Delta R.T. -0.03 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:278 Resp: 20252

Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.4	18.6
279	27.4	21.0	31.4

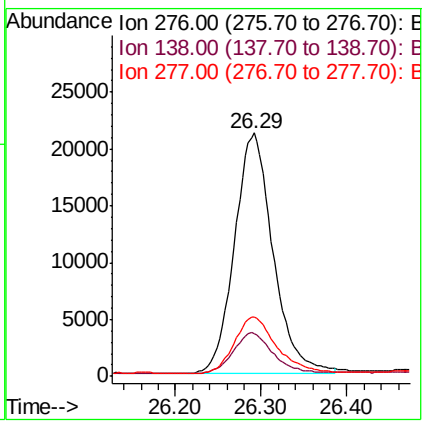




#26
Benzo(g,h,i)perylene
Concen: 2.433 ng/ul m
RT: 26.29 min Scan# 6367
Delta R.T. -0.01 min
Lab File: BN005519.D
Acq: 07 May 2019 16:58

Tgt Ion:276 Resp: 66150

Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.6	23.4
277	24.6	20.6	31.0



Instrument :
BNA_N
ClientSampleId :
A5101

Manual Integrations APPROVED
Sohil
5/8/2019 6:26:48 AM