Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN007013.D
Acq On : 08 Aug 2019 07:28
Operator : HP/JU
Sample : K3962-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Aug 08 11:18:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BENZ8

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8663	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	35002	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	21038	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	52015m	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	34392m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	27444	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	13294	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	37624m	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.28	128	6583	0.065	ng/ul	96
5) 2-Methylnaphthalene	11.91	142	3110	0.041	ng/ul	99
7) Acenaphthylene	13.83	152	14052	0.115	ng/ul	98
8) Acenaphthene	14.18	153	8943	0.107	ng/ul	99
9) Fluorene	15.17	166	11932	0.118	ng/ul	99
12) Phenanthrene	16.90	178	305640m	1.844	ng/ul	
13) Anthracene	16.99	178	49884m	0.294	ng/ul	
15) Fluoranthene	18.93	202	856121m	4.155	ng/ul	
17) Pyrene	19.30	202	715584	4.661	ng/ul	99
18) Benzo(a)anthracene	21.06	228	318543m	2.108	ng/ul	
19) Chrysene	21.11	228	354767	2.508	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	421838m	3.791	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	155333m	1.440	ng/ul	
23) Benzo(a)pyrene	23.12	252	267820	2.557	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.30	276	208542	1.847	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.31	278	48846	0.542	ng/ul#	92
26) Benzo(g,h,i)perylene	25.94	276	208729	2.204	ng/ul	98

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

Quantitation Report (QT Reviewed)

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Instrument :
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ClientSampleId :
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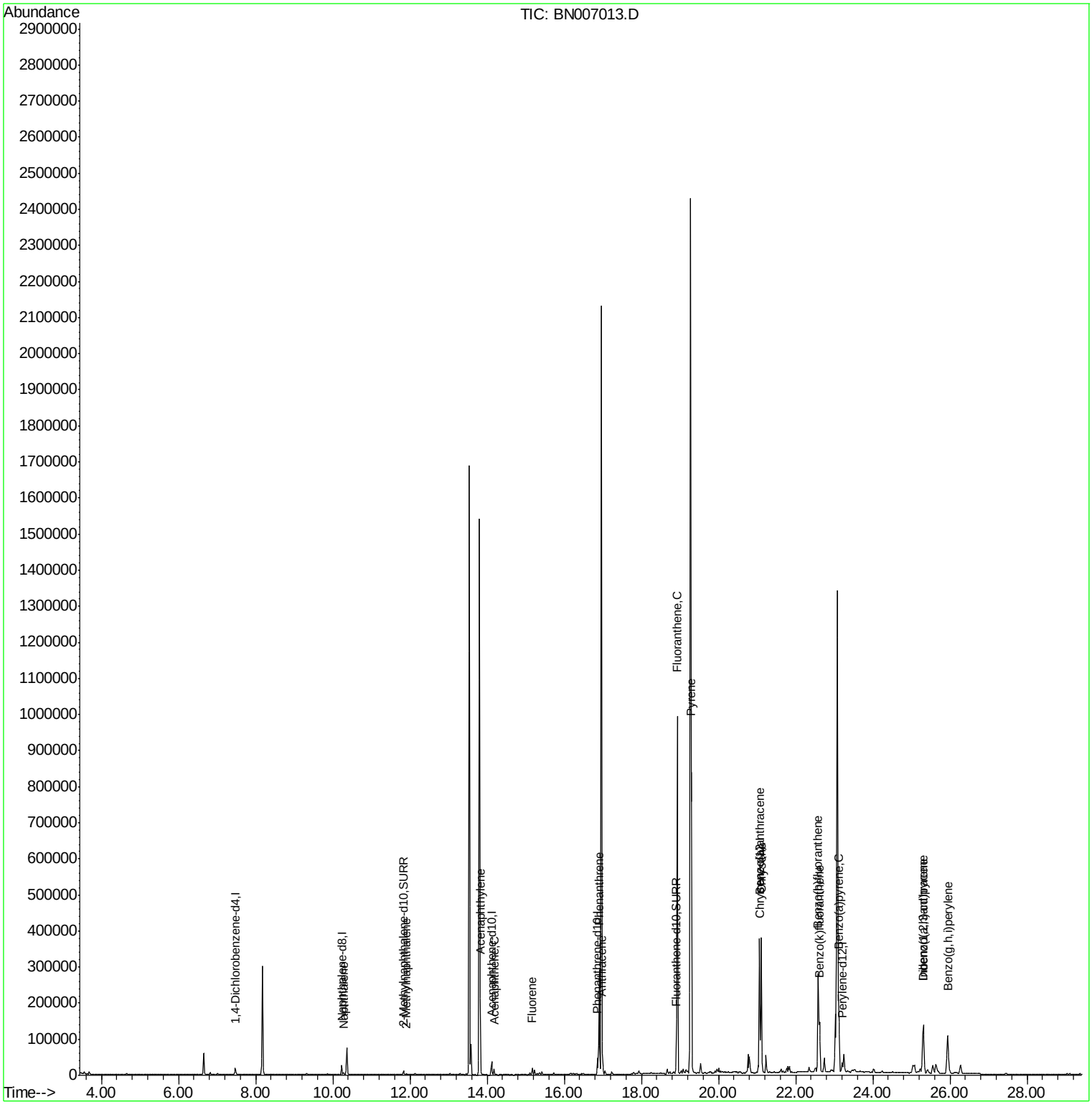
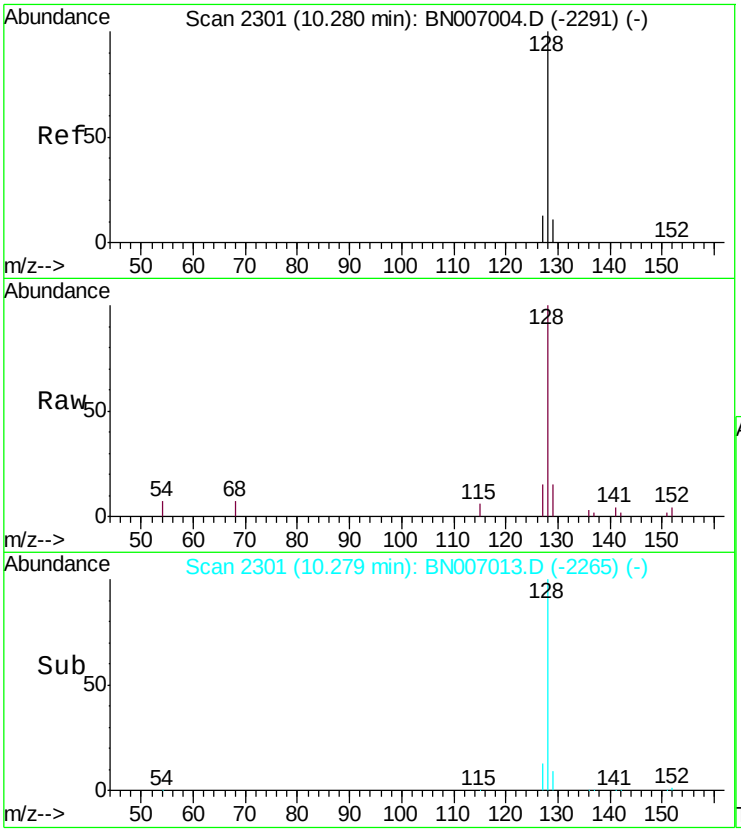
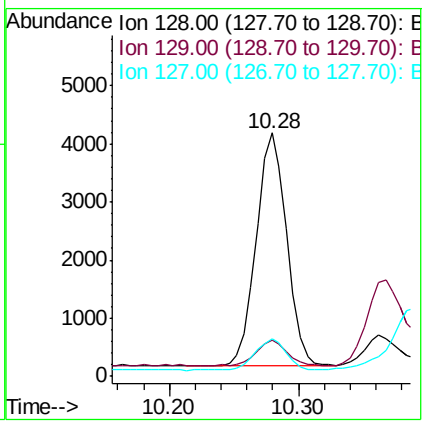




#3
Naphthalene
Concen: 0.065 ng/ul
RT: 10.28 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:128 Resp: 6583

Ion	Ratio	Lower	Upper
128	100		
129	14.7	10.0	15.0
127	15.5	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
BENZ8

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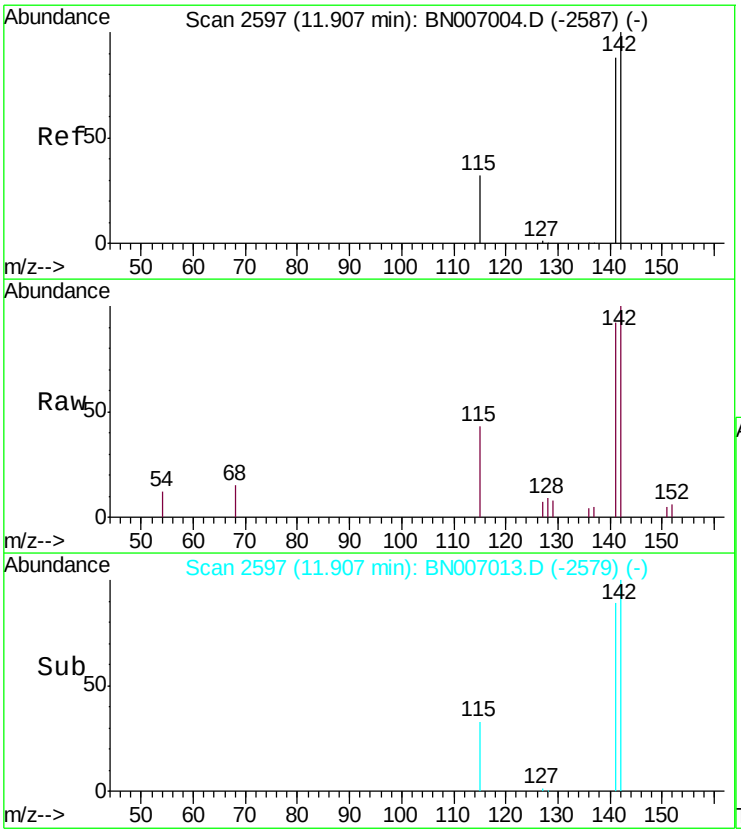
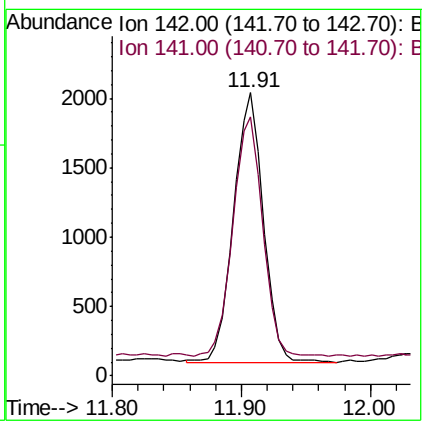
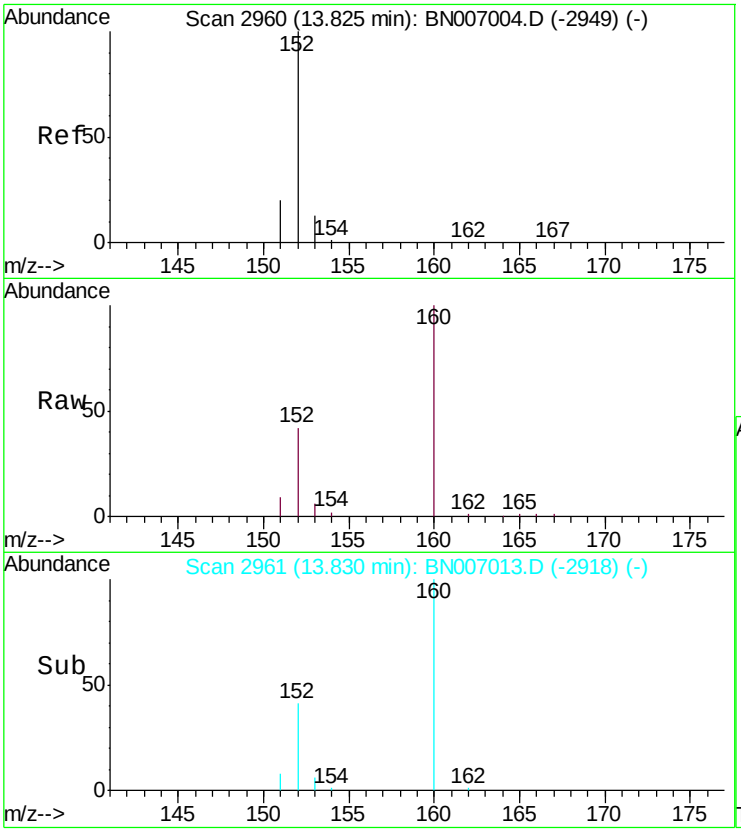


#5
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 11.91 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:142 Resp: 3110

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6

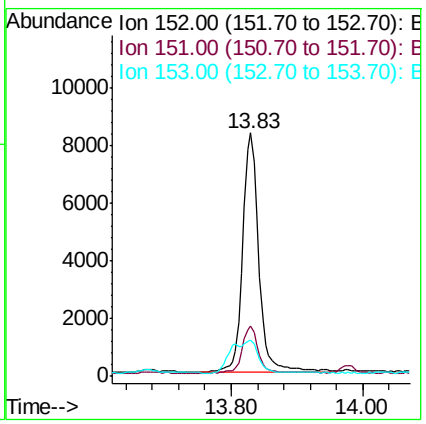




#7
Acenaphthylene
Concen: 0.115 ng/ul
RT: 13.83 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:152 Resp: 14052

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	15.1	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
BENZ8

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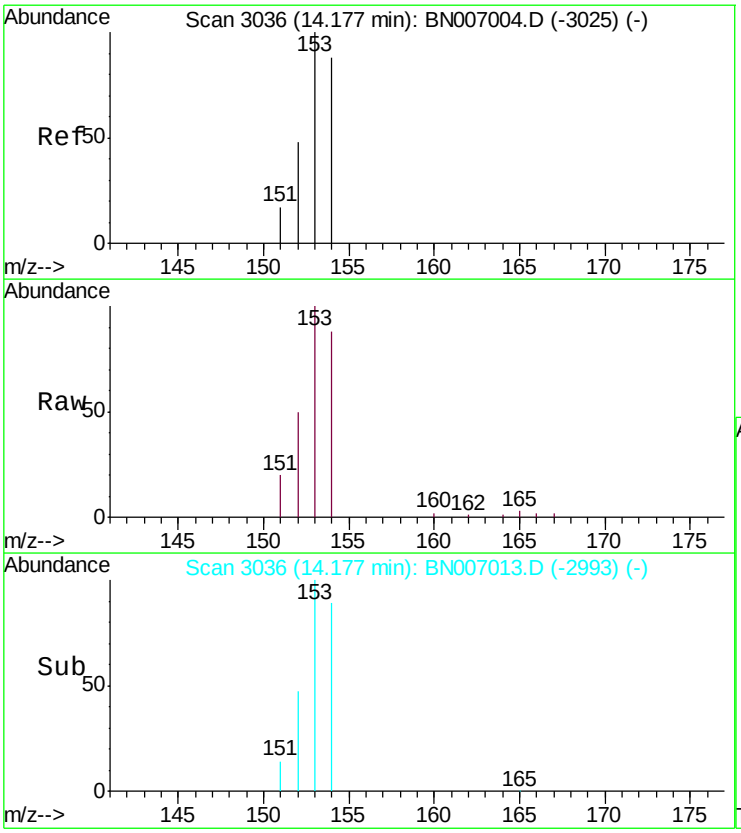
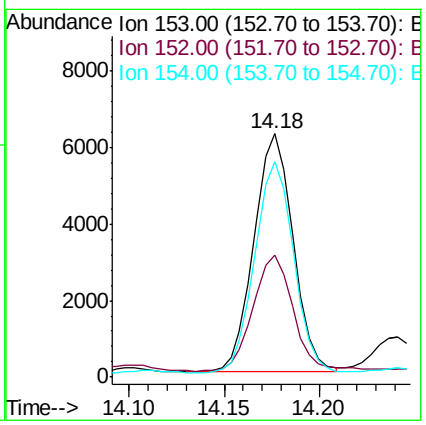
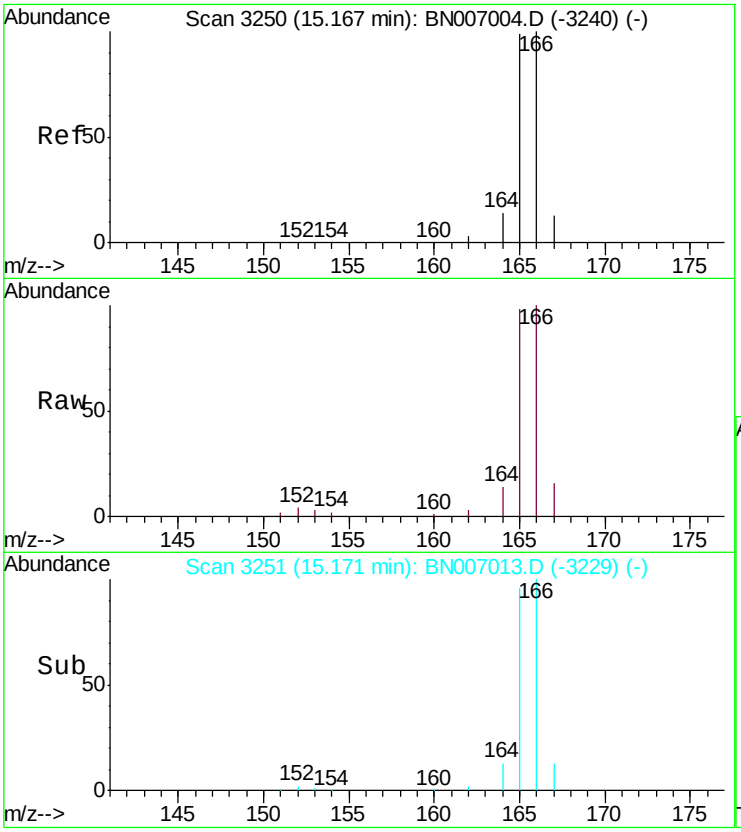


#8
Acenaphthene
Concen: 0.107 ng/ul
RT: 14.18 min Scan# 3036
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:153 Resp: 8943

Ion	Ratio	Lower	Upper
153	100		
152	49.9	39.4	59.2
154	88.4	70.1	105.1

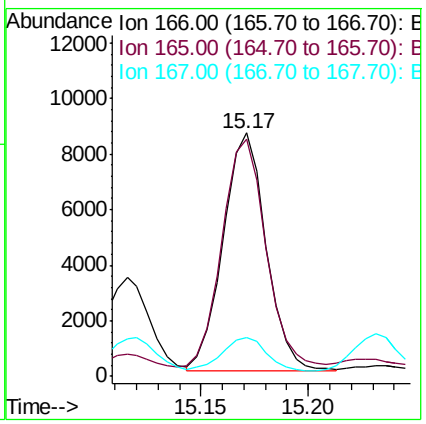




#9
Fluorene
Concen: 0.118 ng/ul
RT: 15.17 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:166 Resp: 11932

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.8	118.2
167	15.7	11.3	16.9



Instrument :
BNA_N
ClientSampleId :
BENZ8

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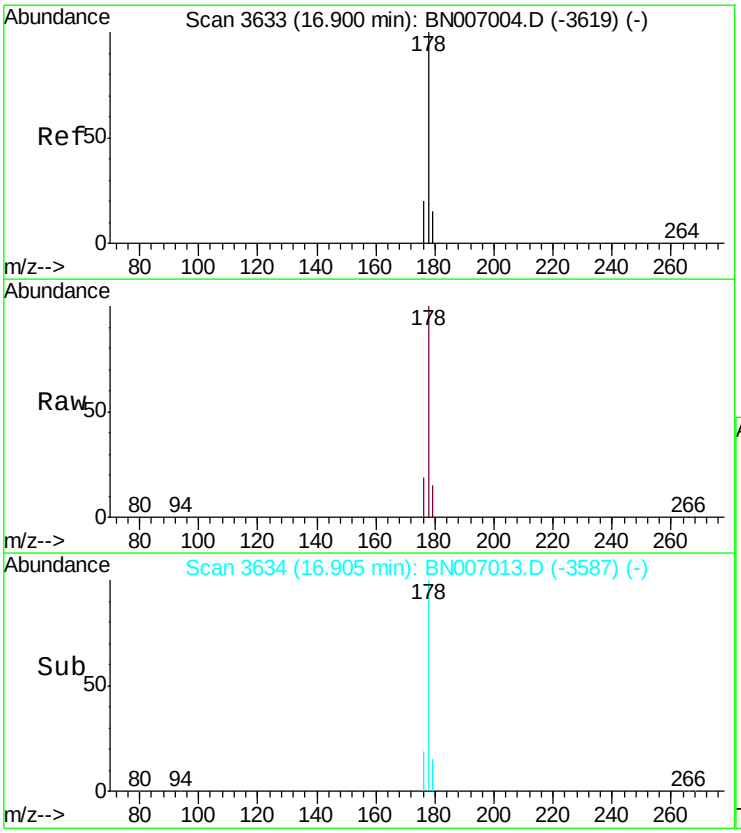
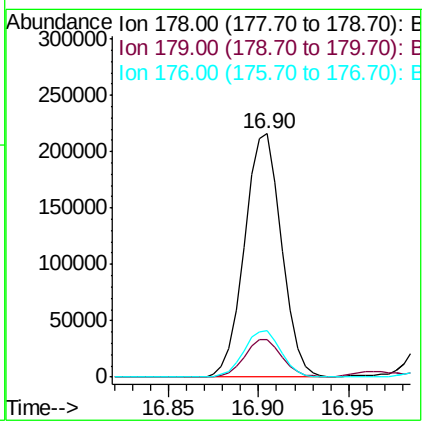
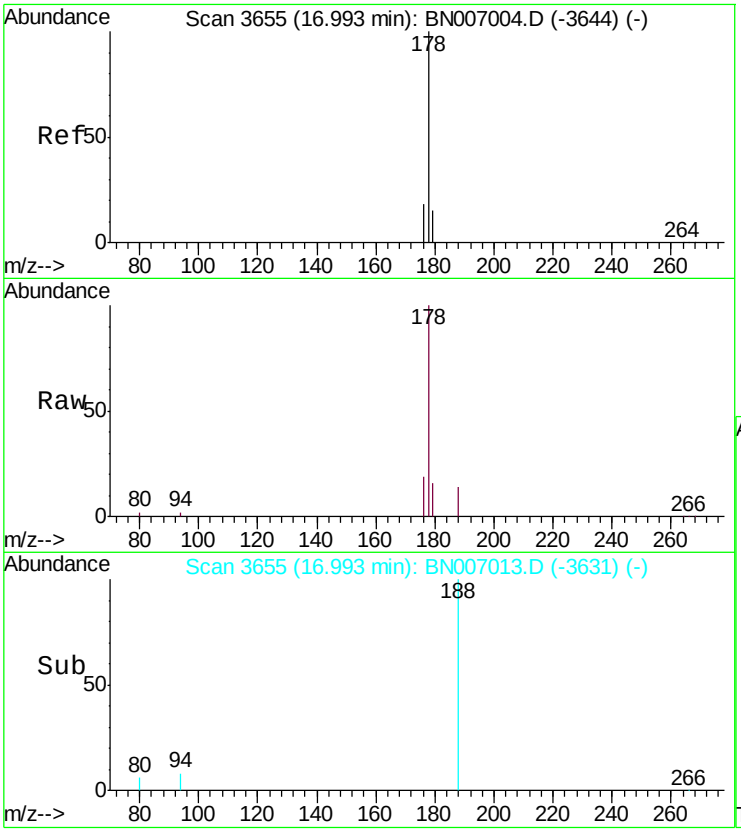


#12
Phenanthrene
Concen: 1.844 ng/ul m
RT: 16.90 min Scan# 3634
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:178 Resp: 305640

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	19.1	15.6	23.4

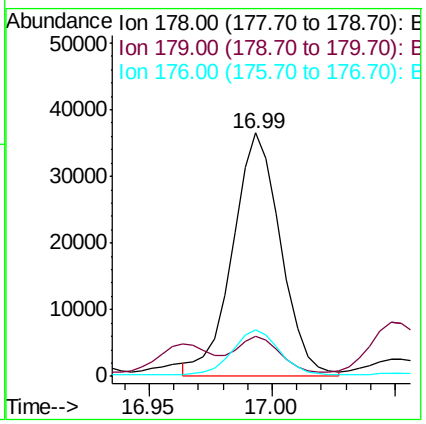




#13
Anthracene
Concen: 0.294 ng/ul m
RT: 16.99 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:178 Resp: 49884

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	18.8
176	18.9	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
BENZ8

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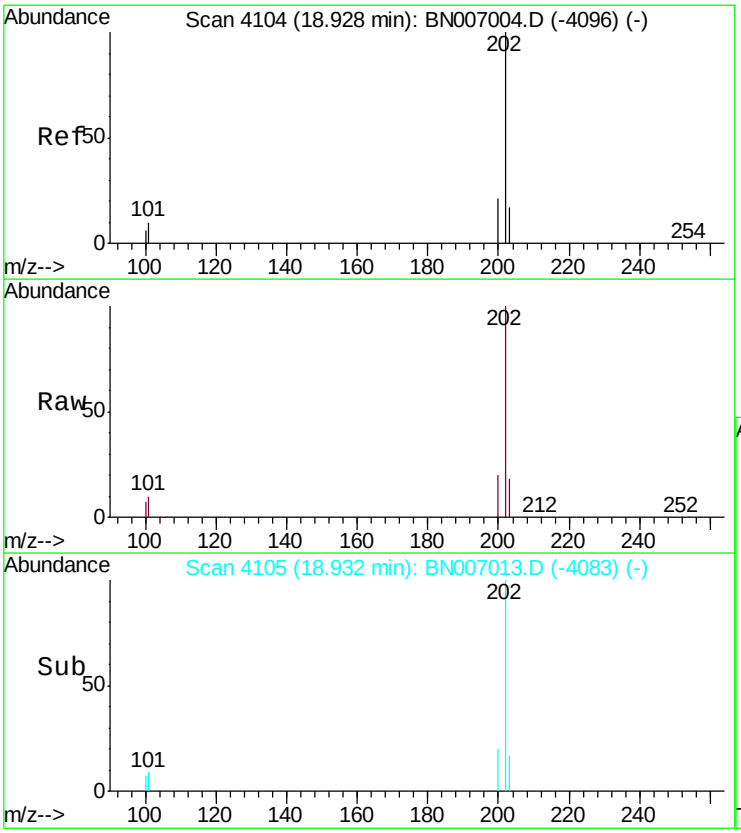
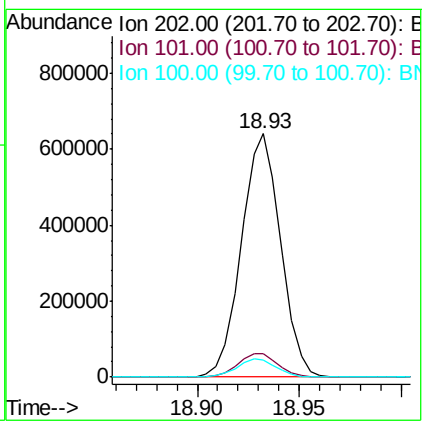
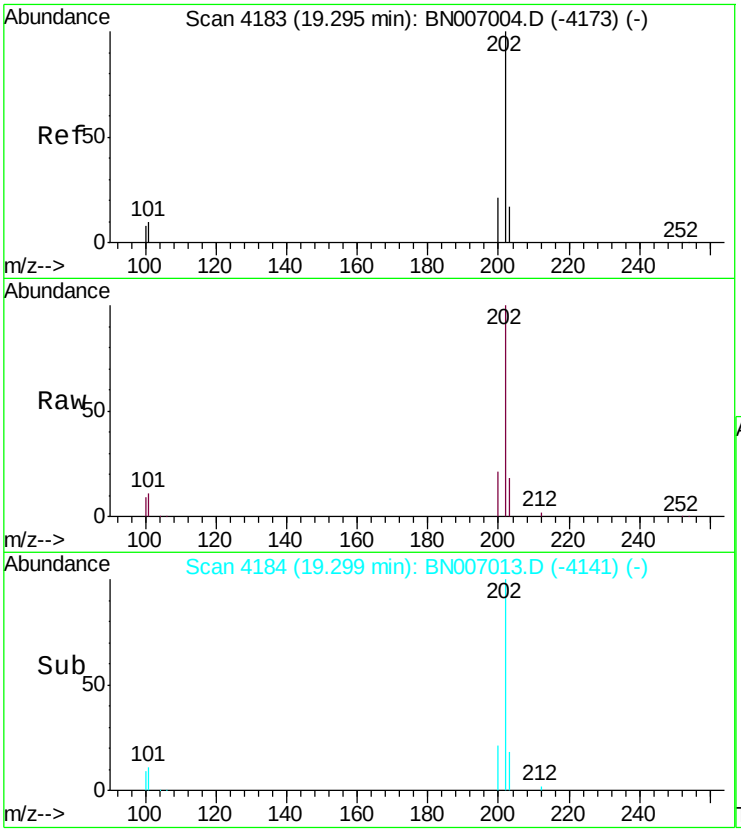


#15
Fluoranthene
Concen: 4.155 ng/ul m
RT: 18.93 min Scan# 4105
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:202 Resp: 856121

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.0
100	7.1	0.0	27.7





#17
Pyrene
Concen: 4.661 ng/ul
RT: 19.30 min Scan# 4184
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:202 Resp: 715584

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.3	13.9
100	8.8	7.3	10.9

Instrument :
BNA_N
ClientSampleId :
BENZ8

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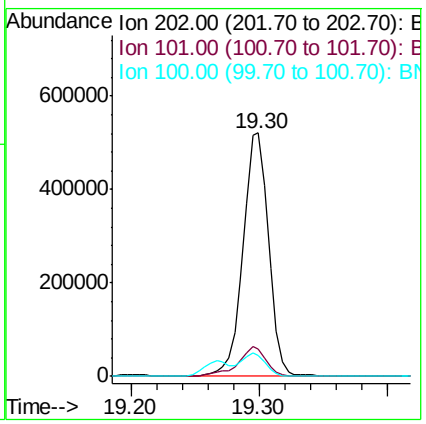
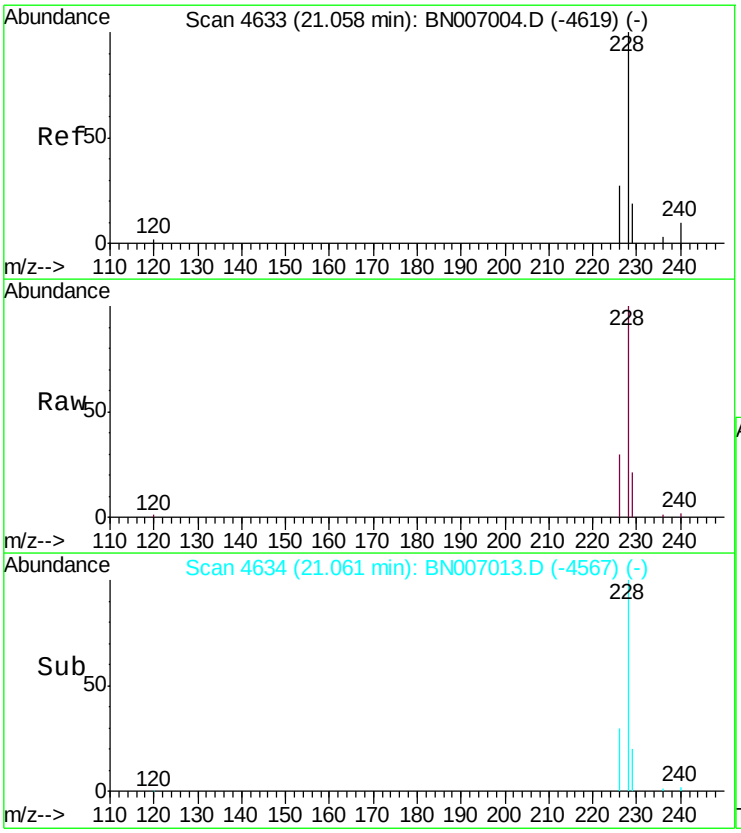
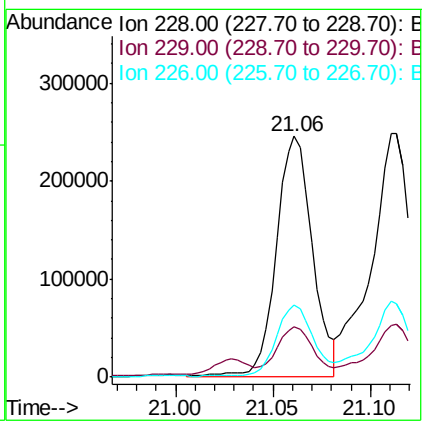


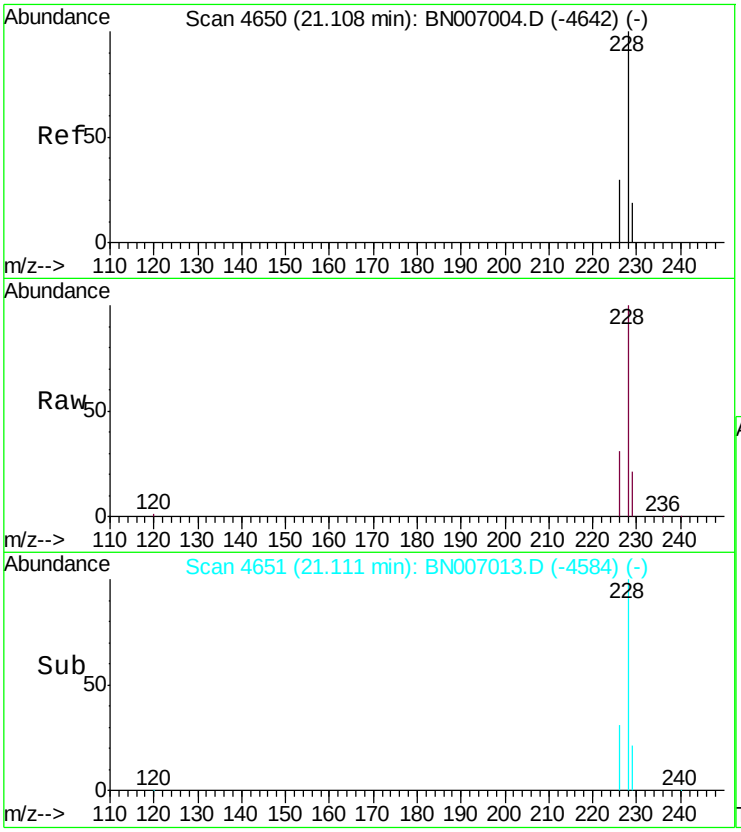


#18
Benzo(a)anthracene
Concen: 2.108 ng/ul m
RT: 21.06 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:228 Resp: 318543

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	29.9	22.2	33.4

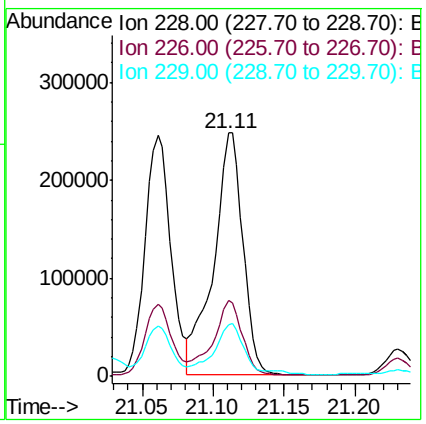




#19
Chrysene
Concen: 2.508 ng/ul
RT: 21.11 min Scan# 4651
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:228 Resp: 354767

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	21.5	15.5	23.3



Instrument :
BNA_N
ClientSampleId :
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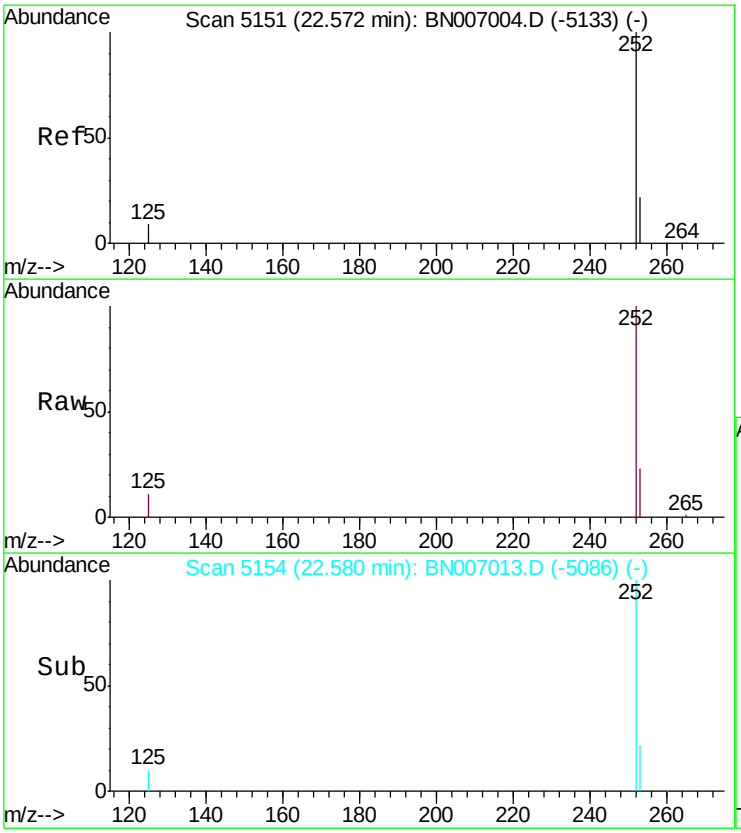
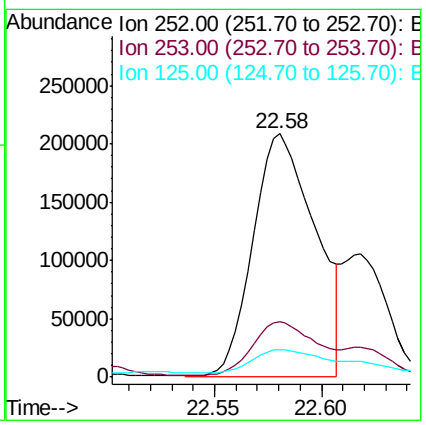
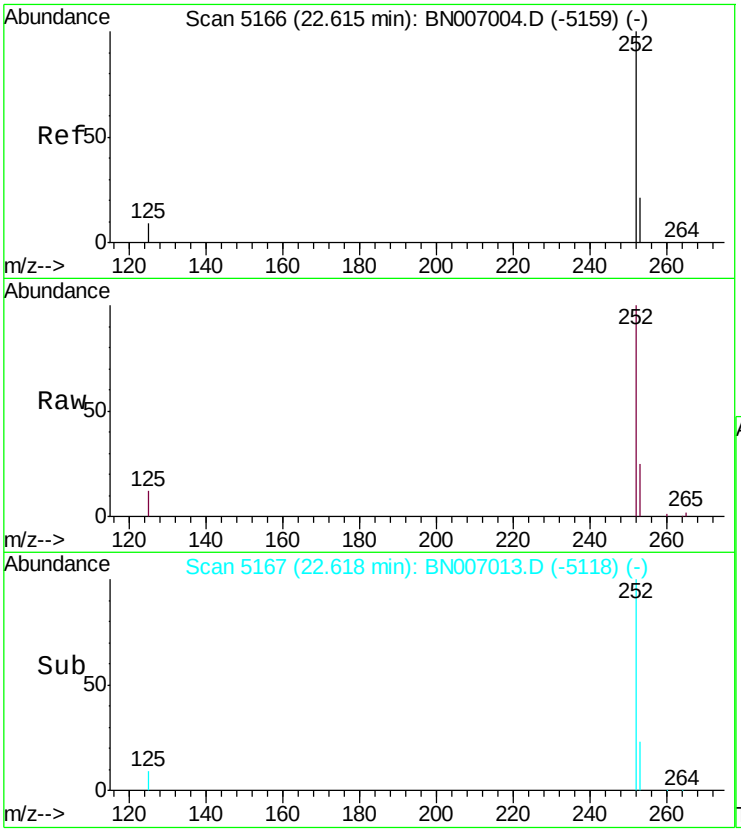


#21
Benzo(b)fluoranthene
Concen: 3.791 ng/ul m
RT: 22.58 min Scan# 5154
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:252 Resp: 421838

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	45.2
125	11.4	0.0	22.2

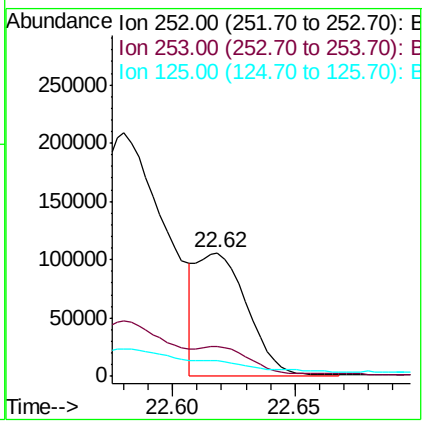




#22
Benzo(k)fluoranthene
Concen: 1.440 ng/ul m
RT: 22.62 min Scan# 5167
Delta R.T. -0.01 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:252 Resp: 155333

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.6	28.0
125	12.3	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
BENZ8

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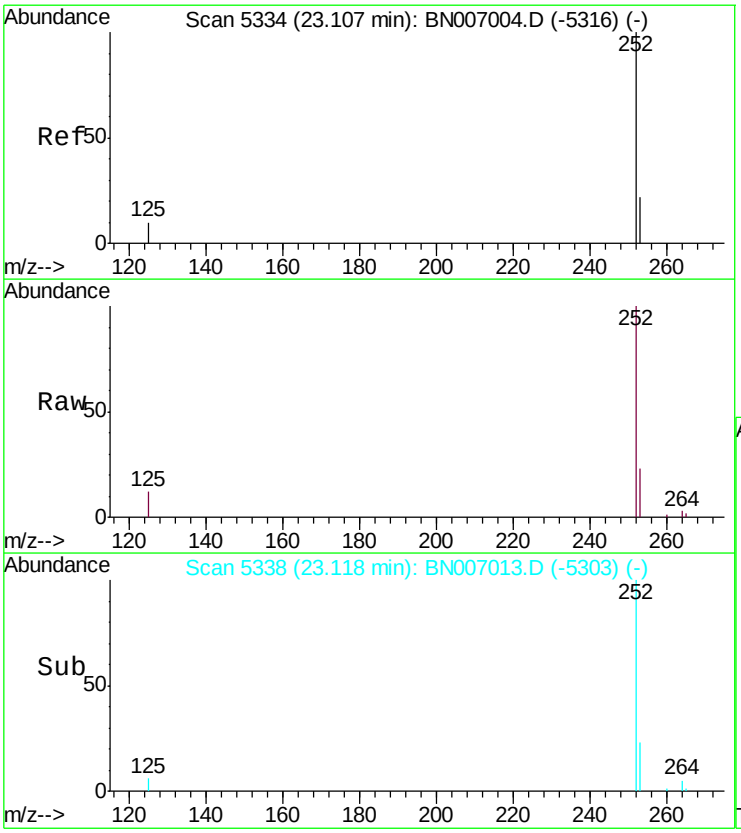
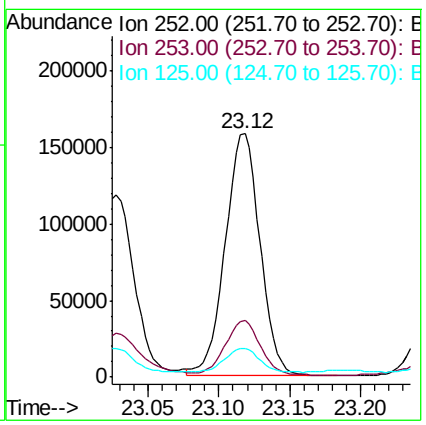
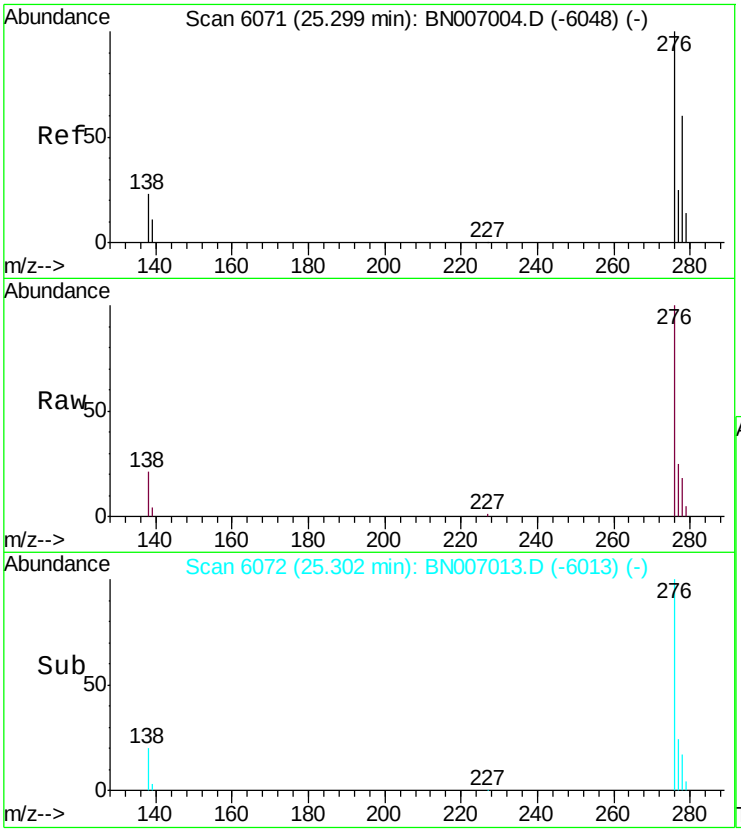


#23
Benzo(a)pyrene
Concen: 2.557 ng/ul
RT: 23.12 min Scan# 5338
Delta R.T. 0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:252 Resp: 267820

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	11.7	10.0	15.0





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.847 ng/ul
RT: 25.30 min Scan# 6072
Delta R.T. -0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:276 Resp: 208542

Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.9	29.9
227	0.2	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
BENZ8

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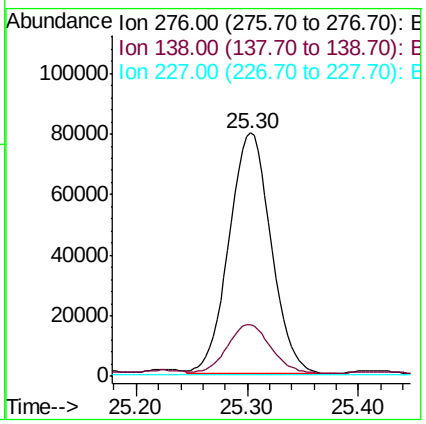
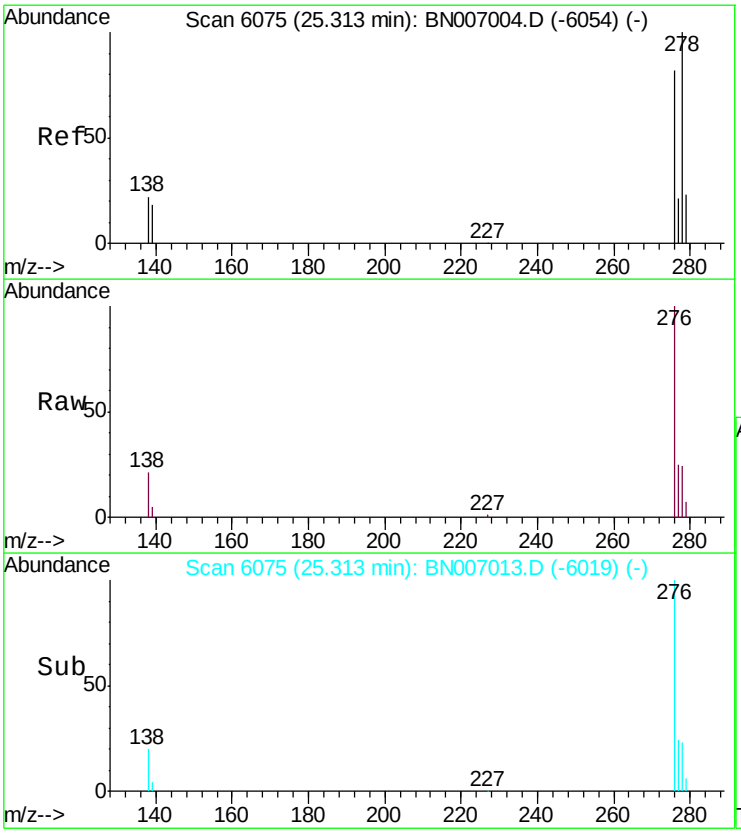
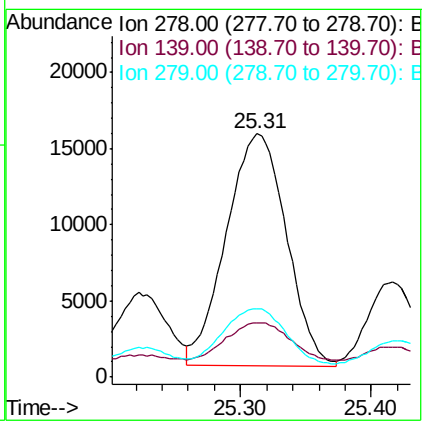


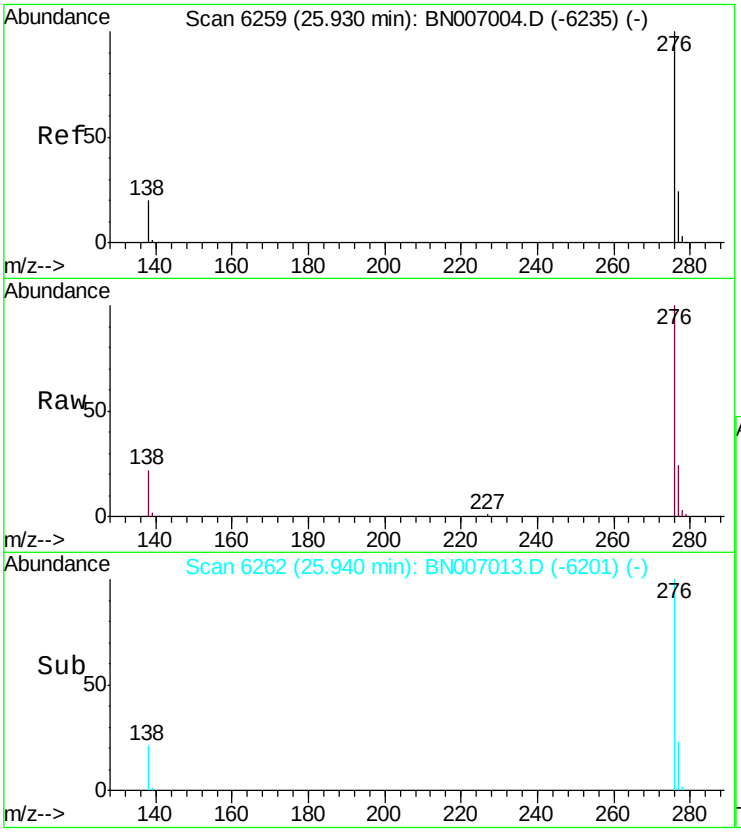


#25
Dibenzo(a,h)anthracene
Concen: 0.542 ng/ul
RT: 25.31 min Scan# 6075
Delta R.T. -0.01 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:278 Resp: 48846

Ion	Ratio	Lower	Upper
278	100		
139	22.3	14.3	21.5#
279	28.1	19.6	29.4

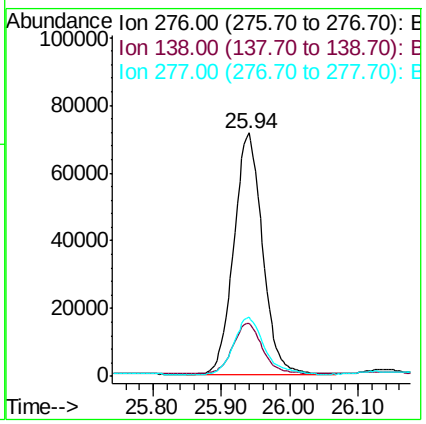




#26
Benzo(g,h,i)perylene
Concen: 2.204 ng/ul
RT: 25.94 min Scan# 6262
Delta R.T. 0.00 min
Lab File: BN007013.D
Acq: 08 Aug 2019 07:28

Tgt Ion:276 Resp: 208729

Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.7	28.1
277	24.1	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
BENZ8

Manual Integrations APPROVED
mohammad
8/9/2019 6:16:13 AM