Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
Data File : BN008967.D
Acq On : 13 Dec 2019 14:38
Operator : JU
Sample : K6089-11DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 13 15:21:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0BQ9DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2788	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11657	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7444	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	16604	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13959	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	13265	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	816	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	2180	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	3947	0.112	ng/ul	96
5) 2-Methylnaphthalene	11.98	142	4052	0.165	ng/ul	99
7) Acenaphthylene	13.90	152	2849	0.069	ng/ul#	93
9) Fluorene	15.24	166	1221	0.034	ng/ul#	88
12) Phenanthrene	16.97	178	30566	0.546	ng/ul	100
13) Anthracene	17.06	178	4656m	0.088	ng/ul	
15) Fluoranthene	18.99	202	67296	0.978	ng/ul	100
17) Pyrene	19.35	202	59165	1.056	ng/ul	99
18) Benzo(a)anthracene	21.12	228	27934	0.498	ng/ul	97
19) Chrysene	21.17	228	31612	0.573	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	35057m	0.641	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	12822m	0.236	ng/ul	
23) Benzo(a)pyrene	23.18	252	24211	0.472	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.38	276	15150	0.252	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.39	278	4018	0.083	ng/ul#	77
26) Benzo(g,h,i)perylene	26.02	276	15241	0.303	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
Data File : BN008967.D
Acq On : 13 Dec 2019 14:38
Operator : JU
Sample : K6089-11DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 13 15:21:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BQ9DL

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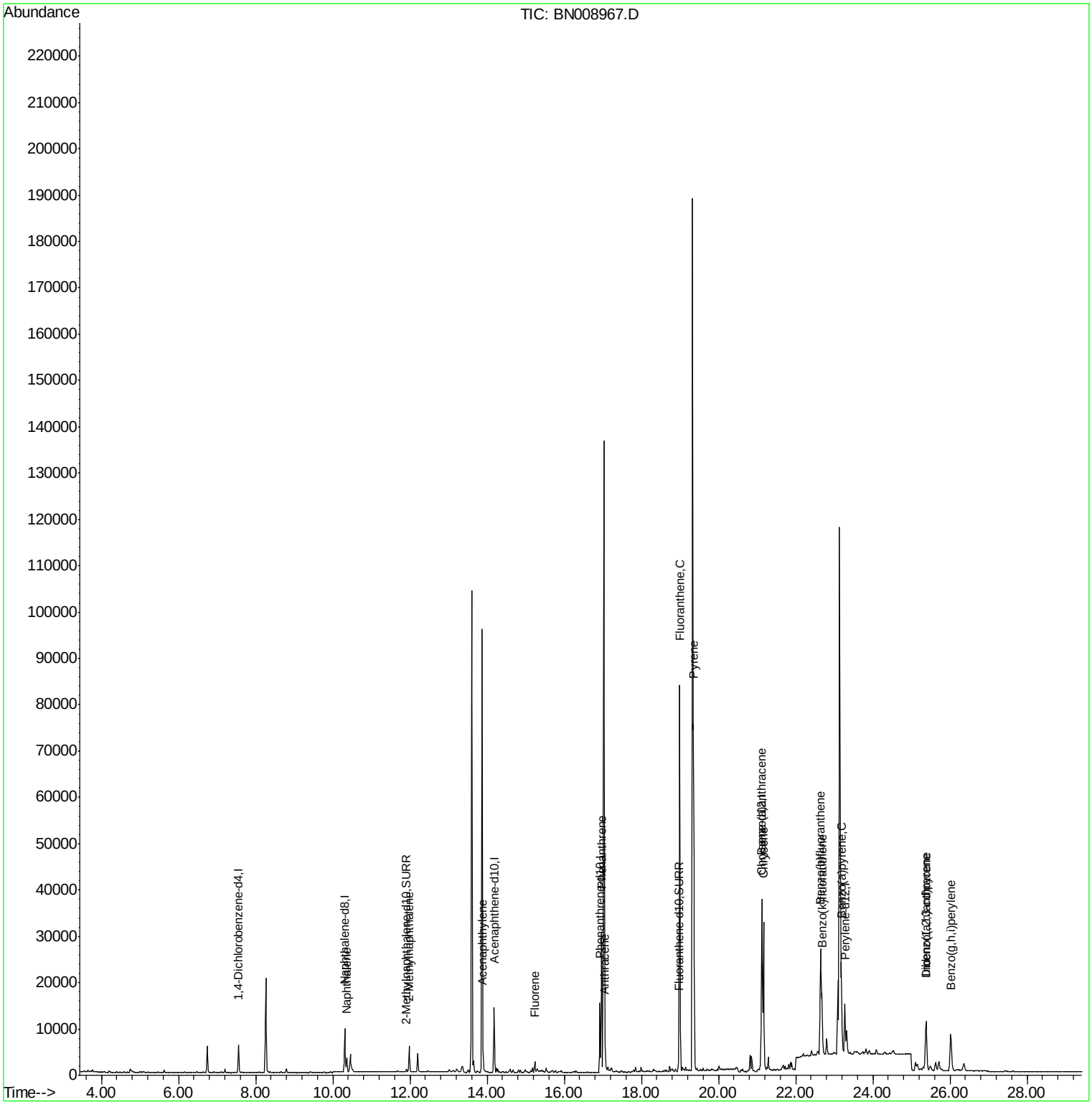
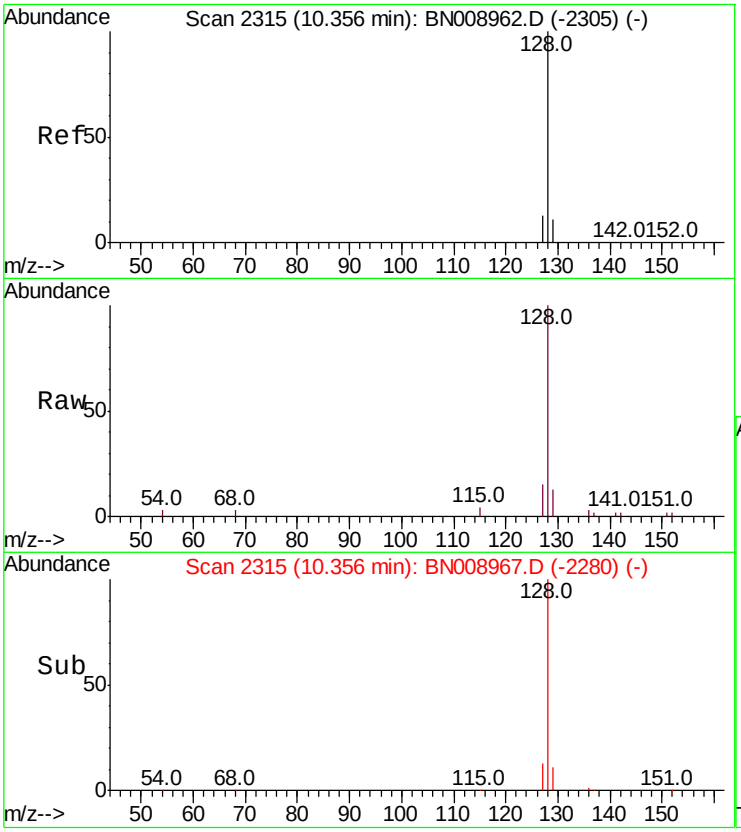
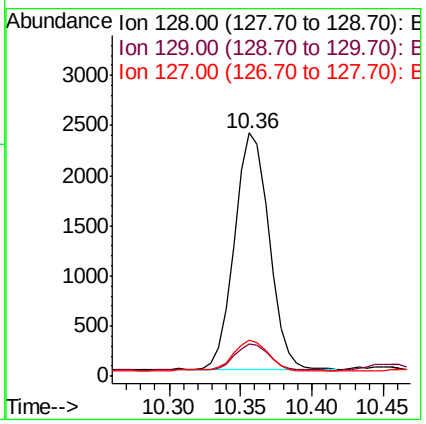




#3
Naphthalene
Concen: 0.112 ng/ul
RT: 10.36 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:128 Resp: 3947

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.1	13.7
127	15.0	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
C0BQ9DL

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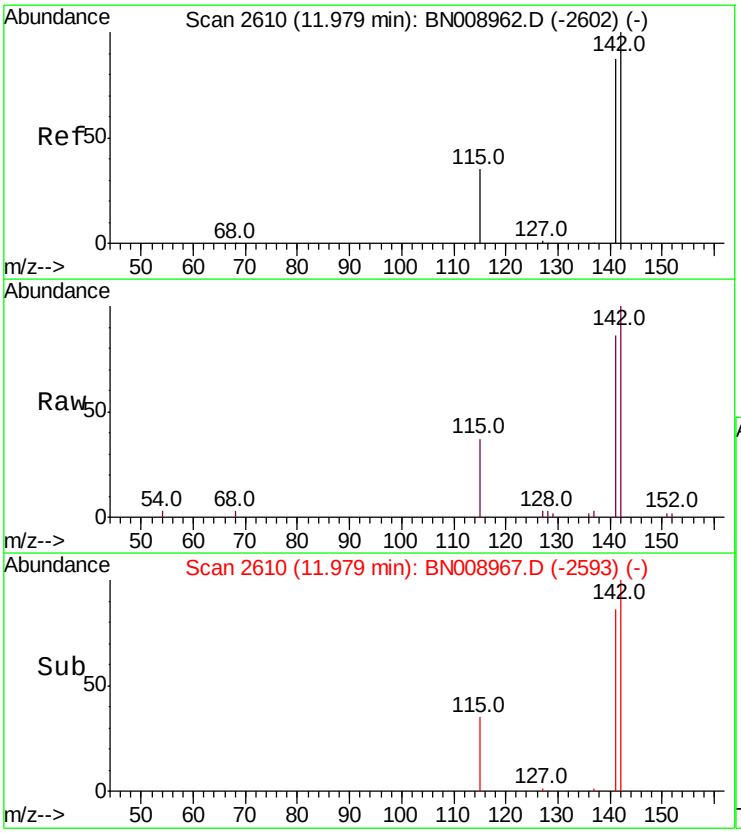
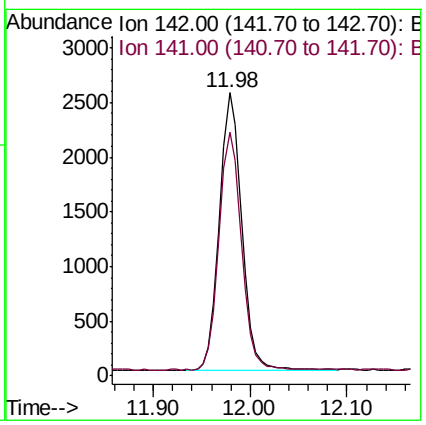
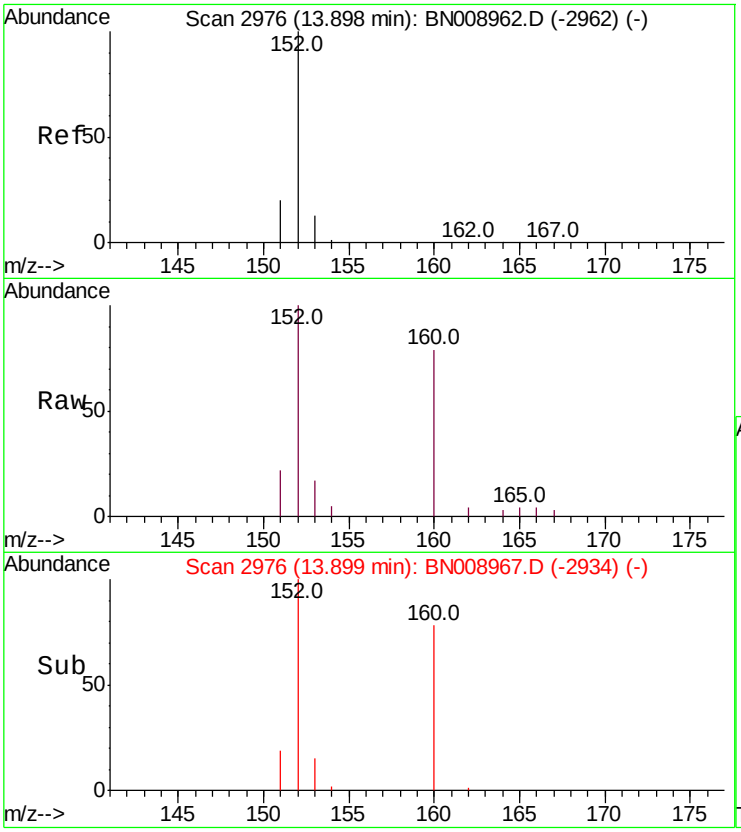


#5
2-Methylnaphthalene
Concen: 0.165 ng/ul
RT: 11.98 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:142 Resp: 4052

Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.1	105.1

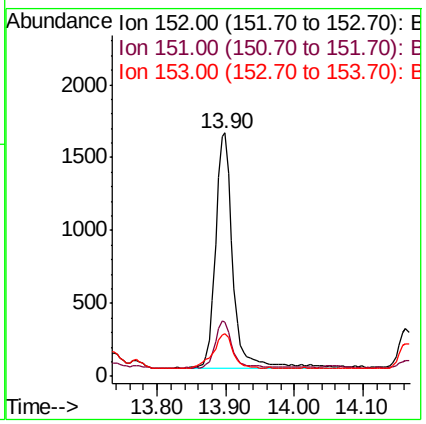




#7
Acenaphthylene
Concen: 0.069 ng/ul
RT: 13.90 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:152 Resp: 2849

Ion	Ratio	Lower	Upper
152	100		
151	22.0	15.8	23.6
153	17.5	10.6	15.8#



Instrument :
BNA_N
ClientSampleId :
C0BQ9DL

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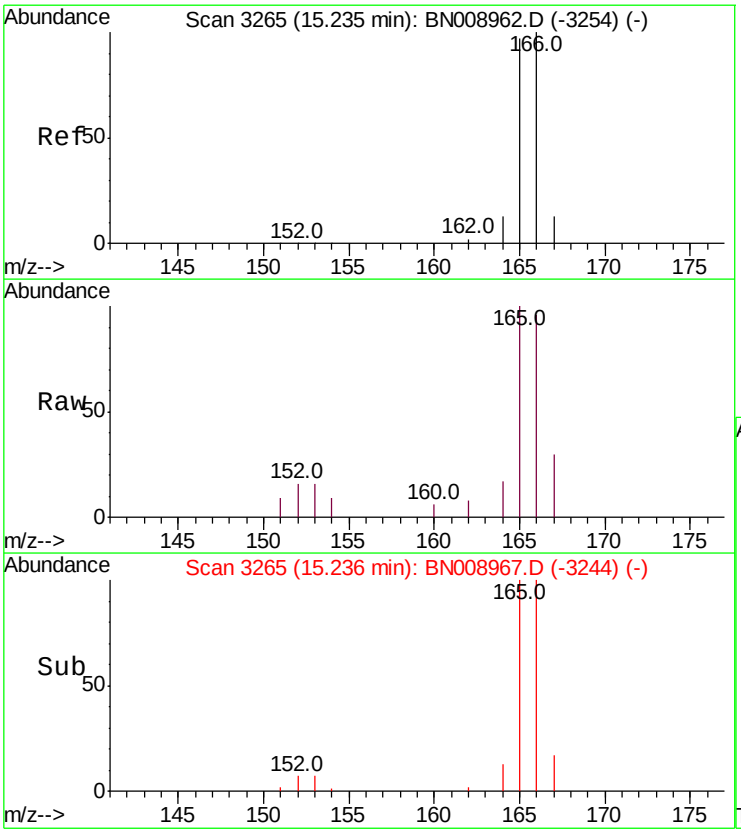
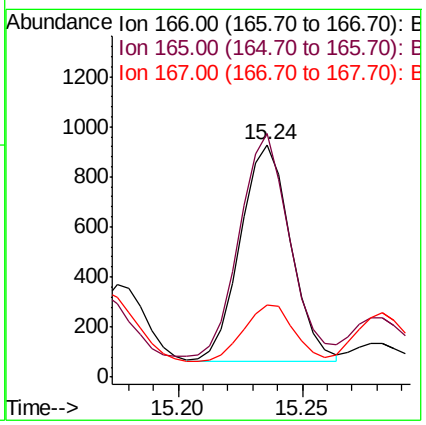
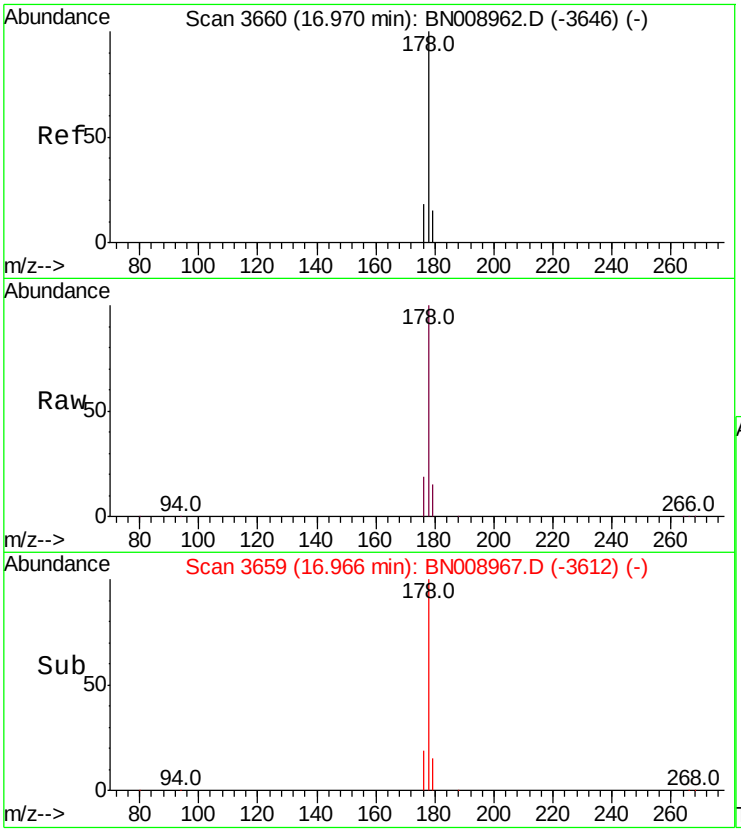


#9
Fluorene
Concen: 0.034 ng/ul
RT: 15.24 min Scan# 3265
Delta R.T. -0.00 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:166 Resp: 1221

Ion	Ratio	Lower	Upper
166	100		
165	104.6	77.7	116.5
167	31.2	11.1	16.7#

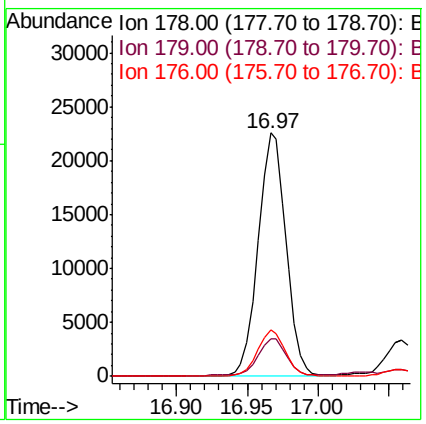




#12
Phenanthrene
Concen: 0.546 ng/ul
RT: 16.97 min Scan# 3659
Delta R.T. -0.00 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:178 Resp: 30566

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.1	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0BQ9DL

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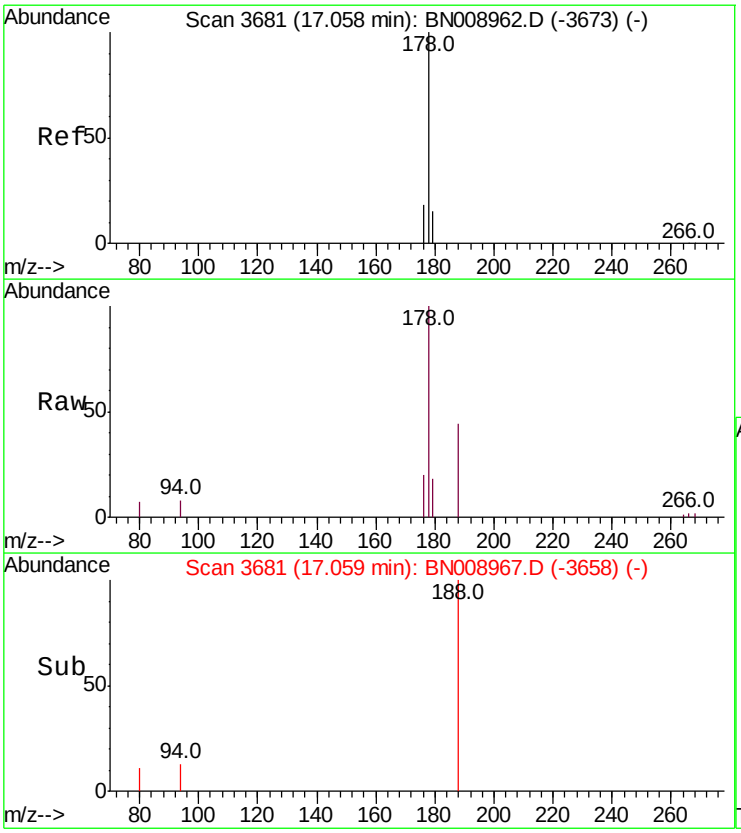
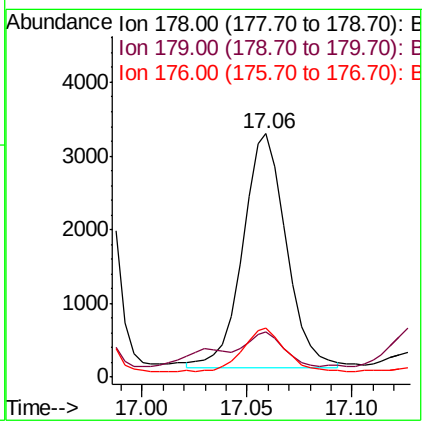
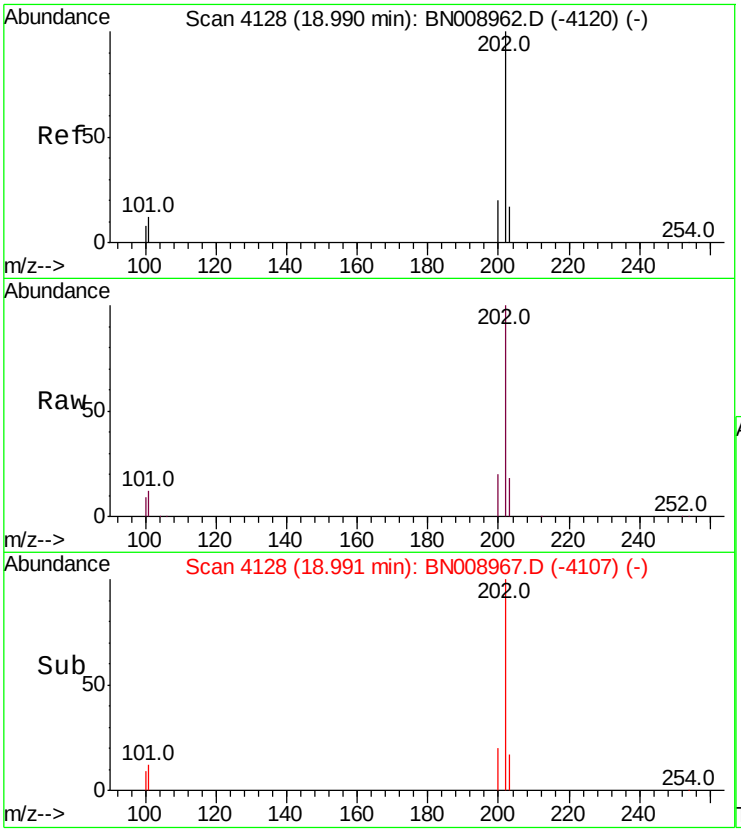


#13
Anthracene
Concen: 0.088 ng/ul m
RT: 17.06 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:178 Resp: 4656

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.2	18.4#
176	20.0	14.7	22.1

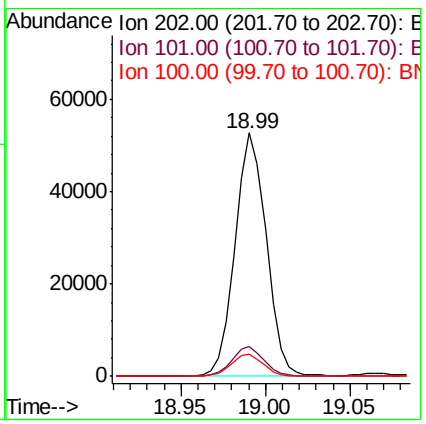




#15
Fluoranthene
Concen: 0.978 ng/ul
RT: 18.99 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:202 Resp: 67296

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.4
100	9.2	0.0	29.2



Instrument :
BNA_N
ClientSampleId :
C0BQ9DL

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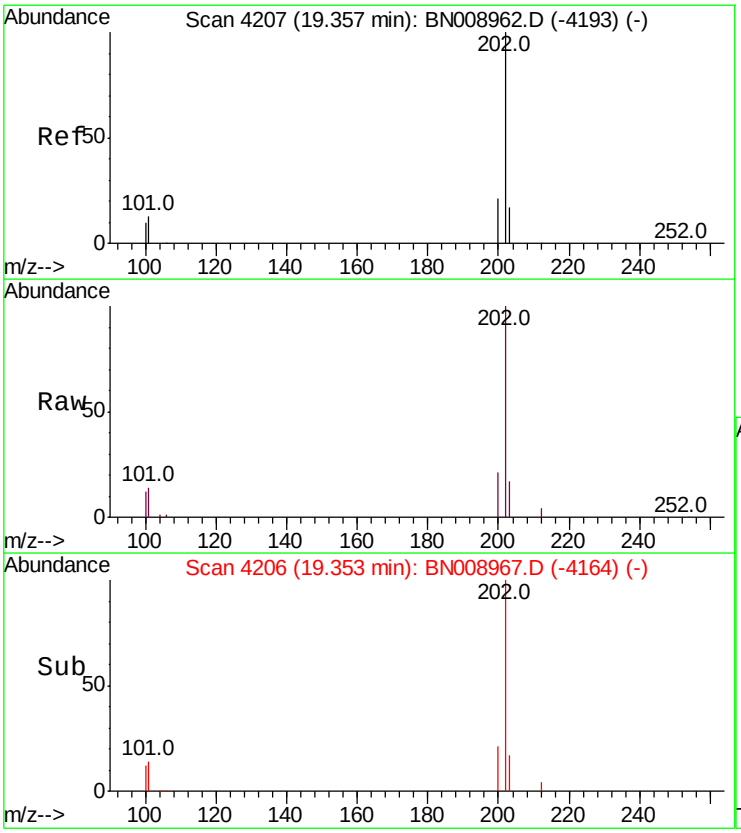
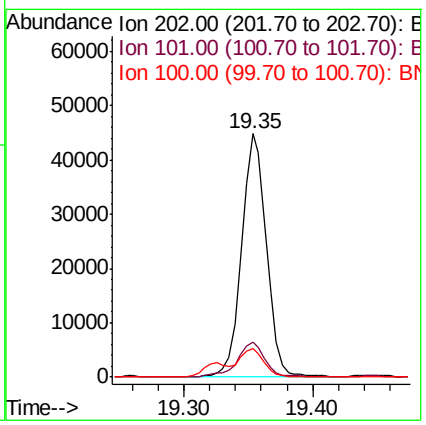
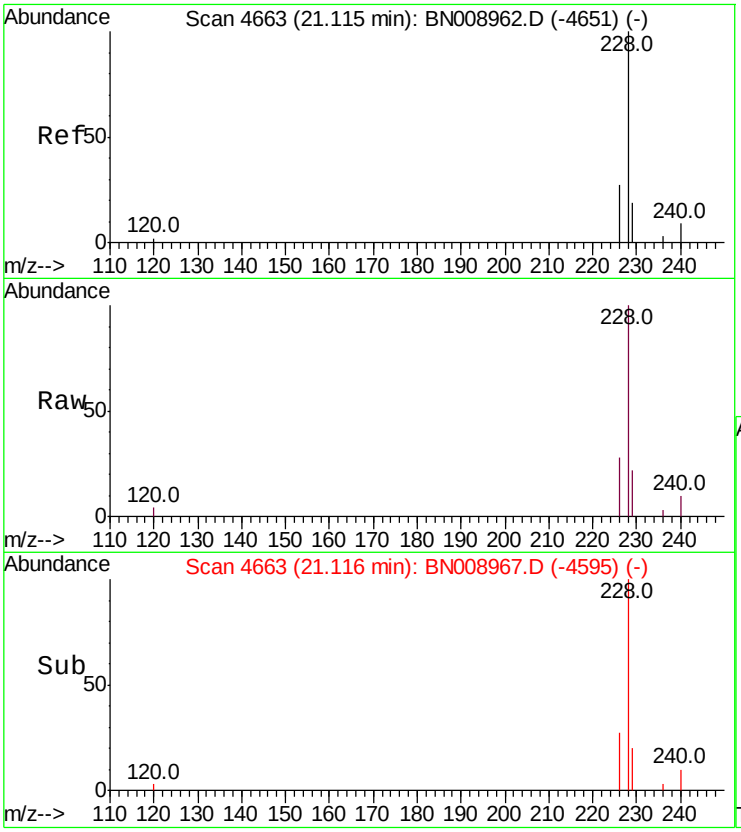


#17
Pyrene
Concen: 1.056 ng/ul
RT: 19.35 min Scan# 4206
Delta R.T. -0.00 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:202 Resp: 59165

Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.2	18.4
100	11.6	9.5	14.3

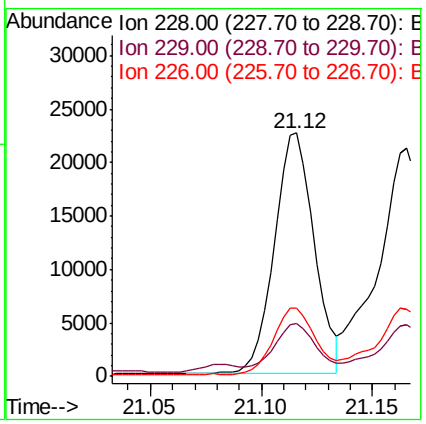




#18
Benzo(a)anthracene
Concen: 0.498 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:228 Resp: 27934

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.7	23.5
226	28.1	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0BQ9DL

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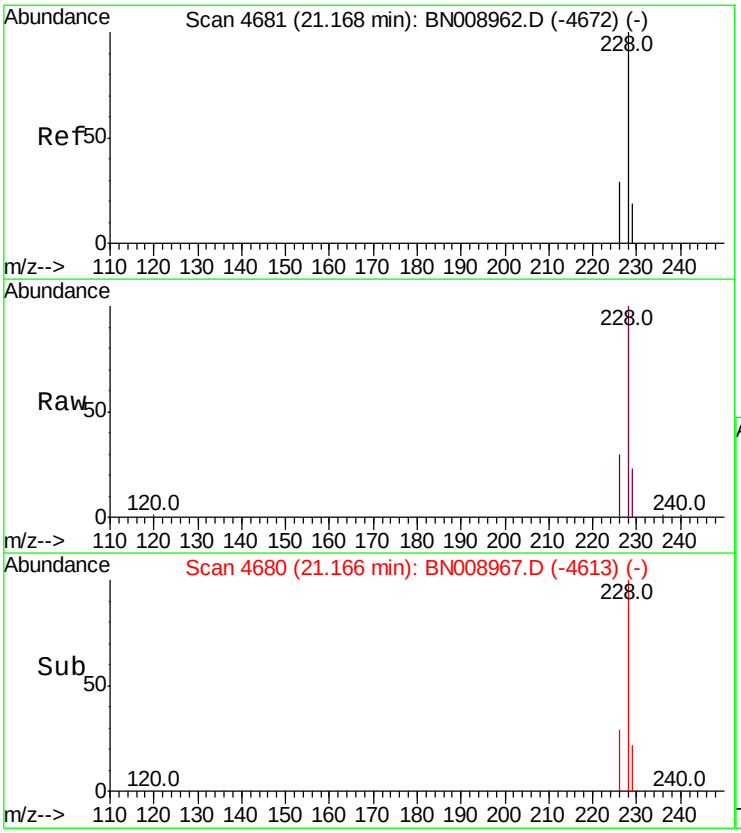
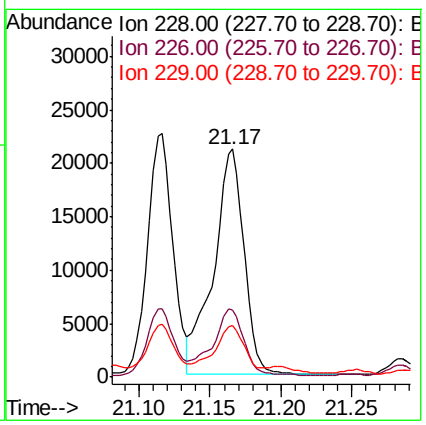
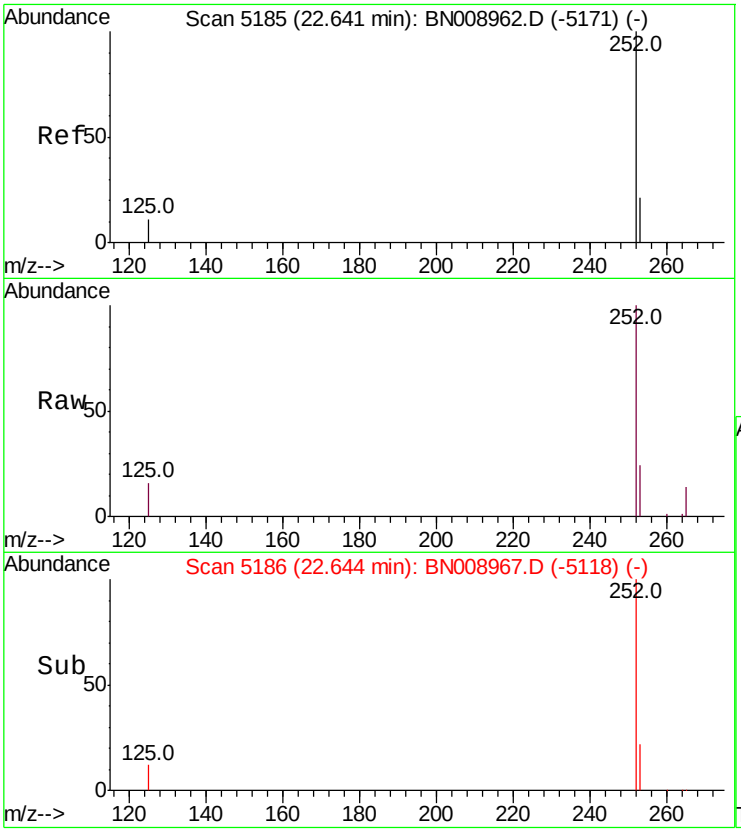


#19
Chrysene
Concen: 0.573 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.01 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:228 Resp: 31612

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	22.7	15.6	23.4

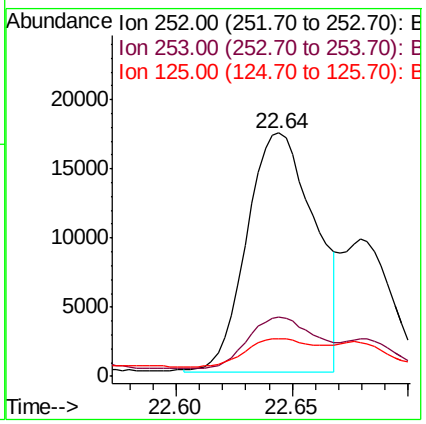




#21
Benzo(b)fluoranthene
Concen: 0.641 ng/ul m
RT: 22.64 min Scan# 5186
Delta R.T. -0.00 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:252 Resp: 35057

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	48.6
125	15.6	0.0	31.6



Instrument :
BNA_N
ClientSampleId :
C0BQ9DL

Manual Integrations APPROVED
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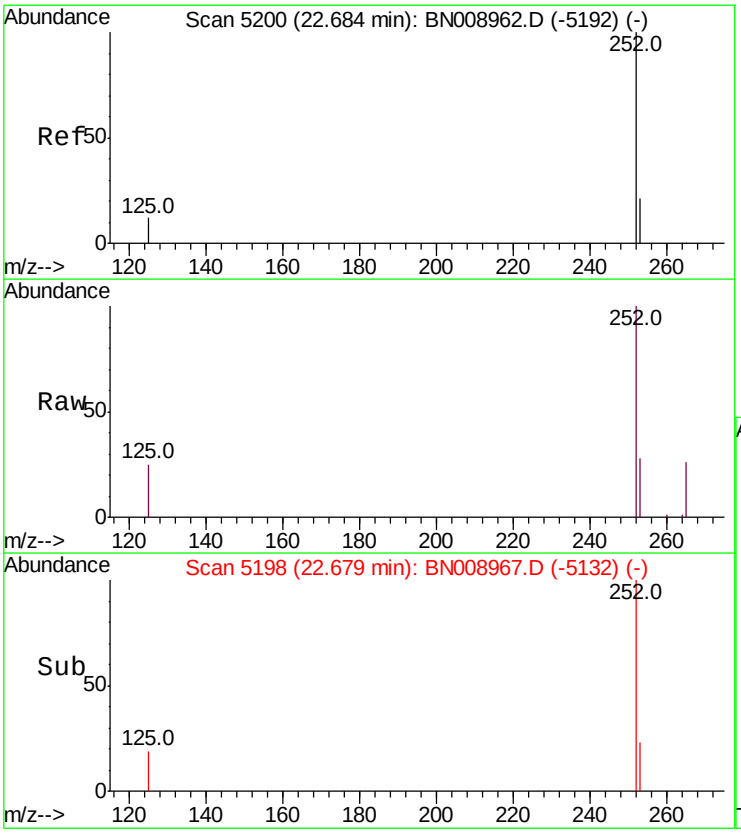
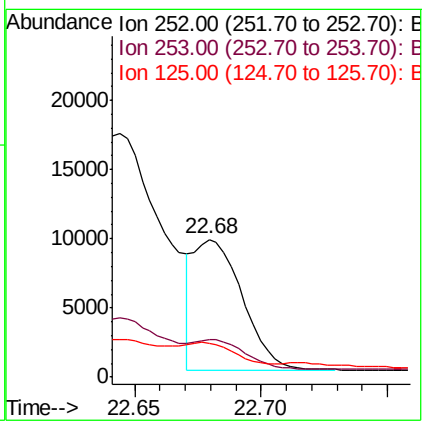
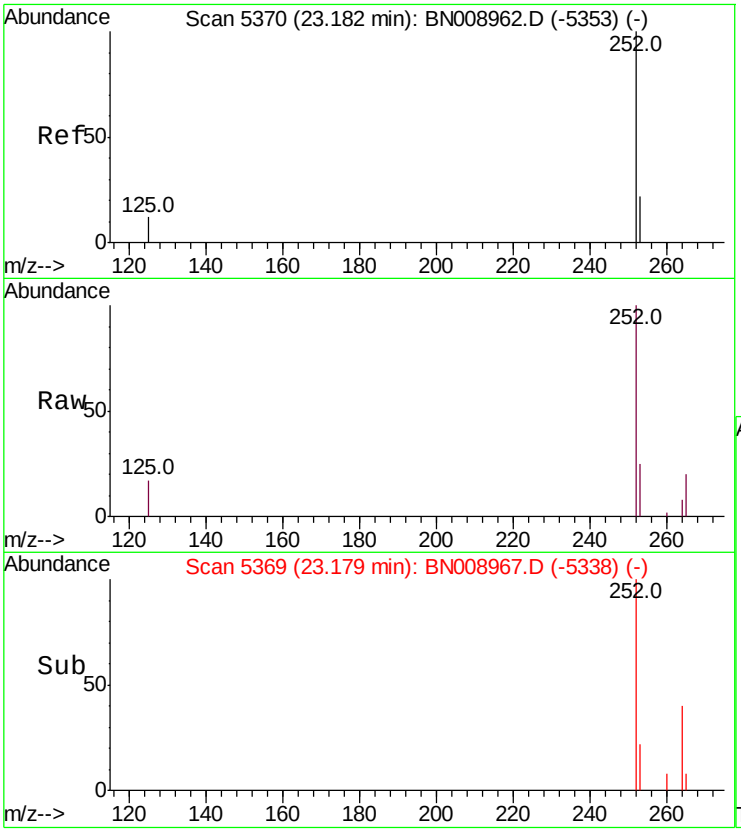


#22
Benzo(k)fluoranthene
Concen: 0.236 ng/ul m
RT: 22.68 min Scan# 5198
Delta R.T. -0.01 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:252 Resp: 12822

Ion	Ratio	Lower	Upper
252	100		
253	27.6	19.6	29.4
125	24.9	13.8	20.6#

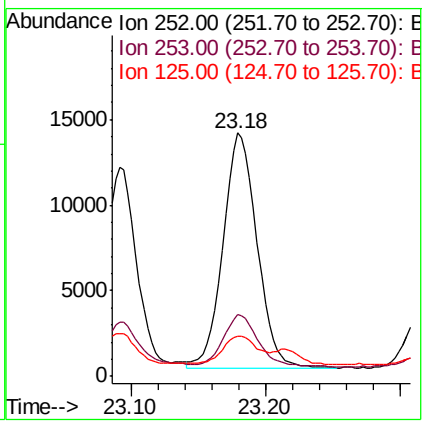




#23
Benzo(a)pyrene
Concen: 0.472 ng/ul
RT: 23.18 min Scan# 5369
Delta R.T. -0.01 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:252 Resp: 24211

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.9	29.9
125	16.6	14.6	22.0



Instrument :
BNA_N
ClientSampleId :
C0BQ9DL

Manual Integrations APPROVED
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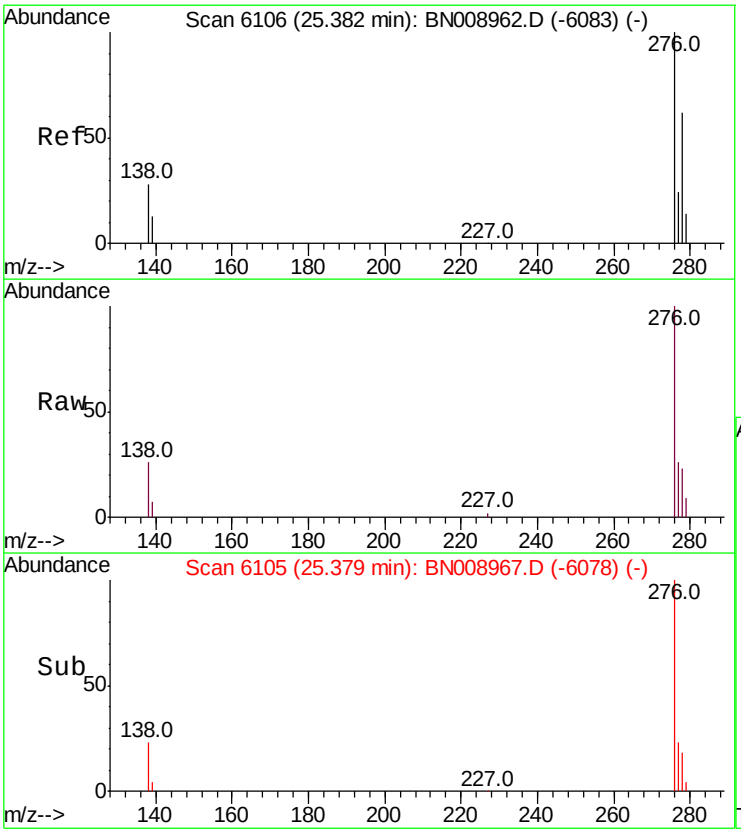
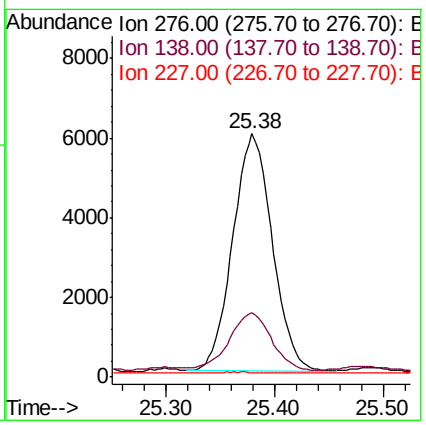
12/16/2019 12:23:23 PM

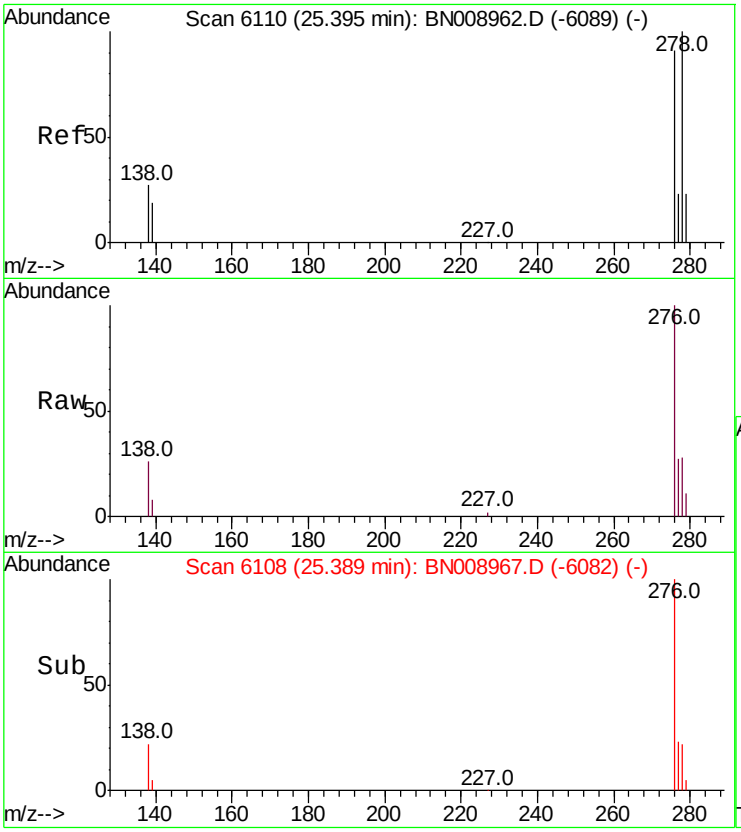


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:276 Resp: 15150

Ion	Ratio	Lower	Upper
276	100		
138	25.3	23.8	35.6
227	0.0	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.083 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. -0.01 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:278 Resp: 4018

Ion	Ratio	Lower	Upper
278	100		
139	30.1	17.4	26.0#
279	40.0	20.5	30.7#

Instrument :
BNA_N
ClientSampleId :
C0BQ9DL

Manual Integrations APPROVED
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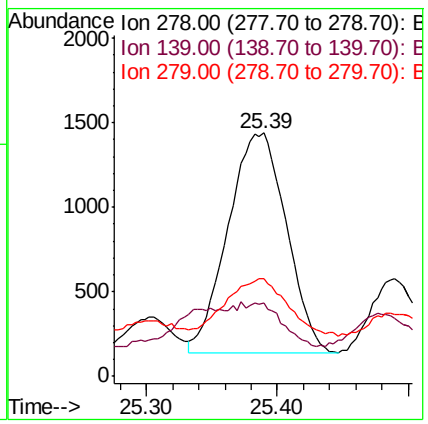
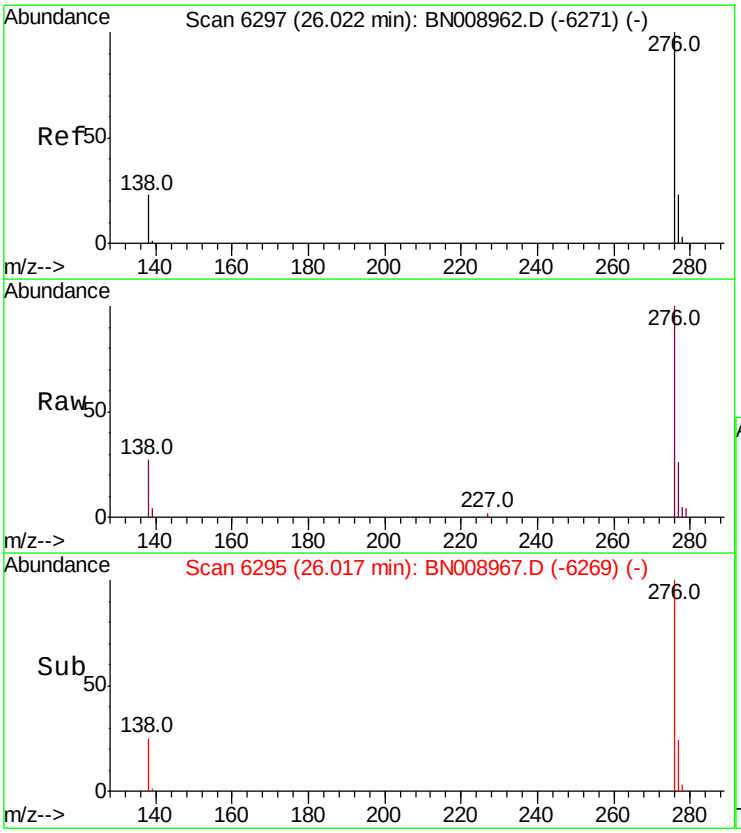
12/16/2019 12:23:23 PM





#26
Benzo(g,h,i)perylene
Concen: 0.303 ng/ul
RT: 26.02 min Scan# 6295
Delta R.T. -0.01 min
Lab File: BN008967.D
Acq: 13 Dec 2019 14:38

Tgt Ion:276 Resp: 15241

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.9	32.9
277	26.0	19.9	29.9