Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008920.D
Acq On : 11 Dec 2019 16:59
Operator : JU
Sample : K6088-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BN2

Manual Integrations APPROVED
mohammad
12/12/2019 11:27:11 AM

Quant Time: Dec 12 01:23:09 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 : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2058	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	8970	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	5881	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	13481	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	12434	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	13863	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2654	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8599	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	18245	0.675	ng/ul	100
5) 2-Methylnaphthalene	11.98	142	14751	0.781	ng/ul	100
7) Acenaphthylene	13.90	152	12994	0.400	ng/ul	98
8) Acenaphthene	14.25	153	931	0.039	ng/ul	95
9) Fluorene	15.24	166	2095	0.074	ng/ul#	86
12) Phenanthrene	16.97	178	50218	1.105	ng/ul	99
13) Anthracene	17.06	178	14504	0.338	ng/ul	98
15) Fluoranthene	19.00	202	98172	1.758	ng/ul	99
17) Pyrene	19.36	202	94980	1.904	ng/ul	99
18) Benzo(a)anthracene	21.12	228	84967	1.699	ng/ul	96
19) Chrysene	21.17	228	95909	1.953	ng/ul	98
21) Benzo(b)fluoranthene	22.65	252	137117m	2.399	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	50908m	0.898	ng/ul	
23) Benzo(a)pyrene	23.19	252	85841	1.600	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.39	276	52882	0.843	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.39	278	14239	0.281	ng/ul	93
26) Benzo(g,h,i)perylene	26.03	276	45011	0.857	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008920.D
Acq On : 11 Dec 2019 16:59
Operator : JU
Sample : K6088-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 12 01:23:09 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 : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BN2

Manual Integrations APPROVED
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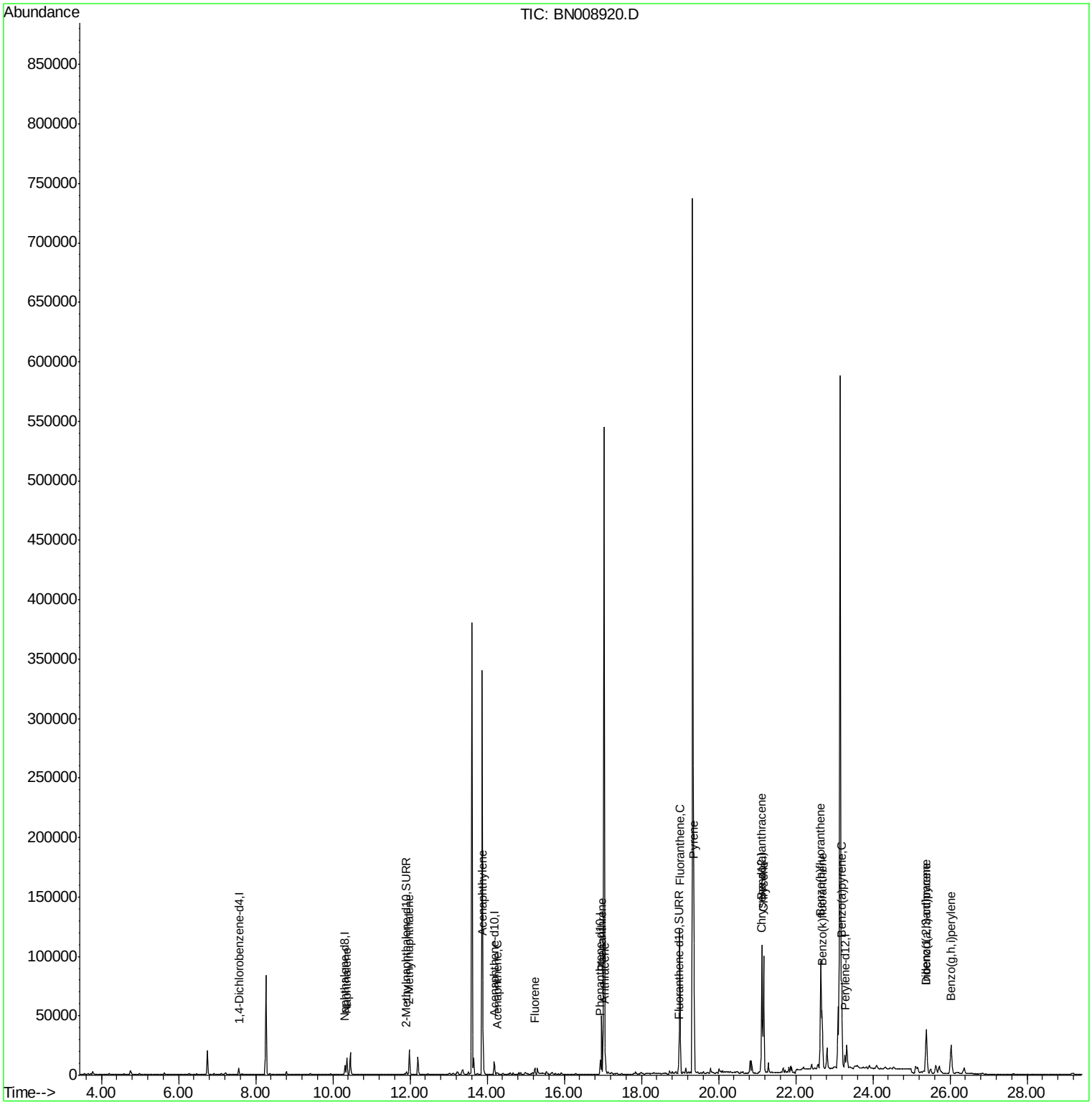
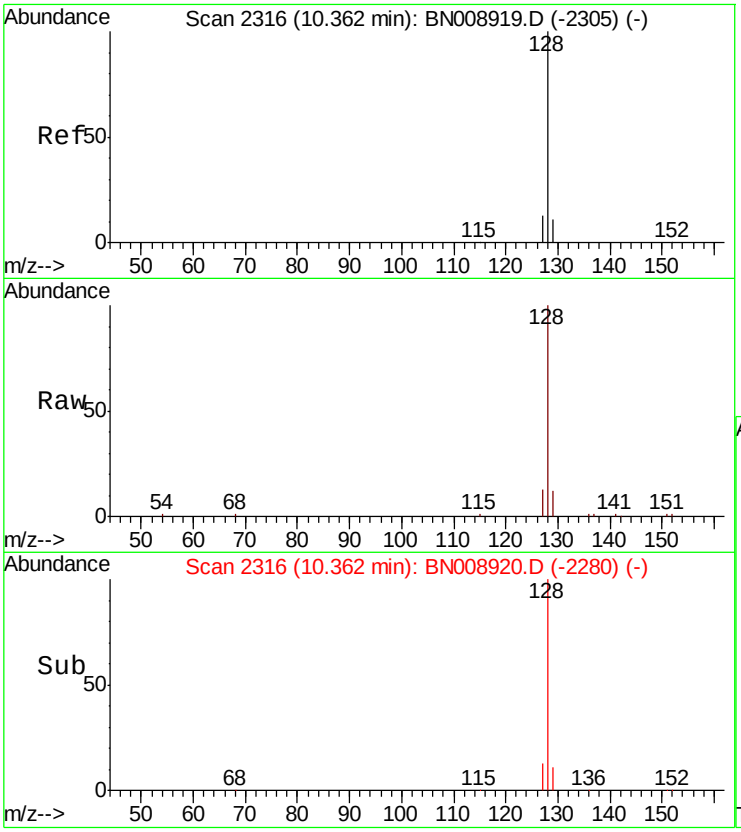
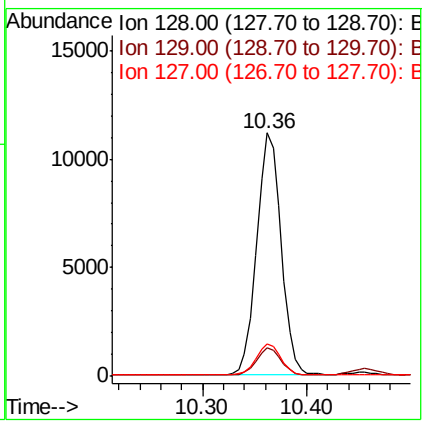




#3
Naphthalene
Concen: 0.675 ng/ul
RT: 10.36 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:128 Resp: 18245

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.3	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
C0BN2

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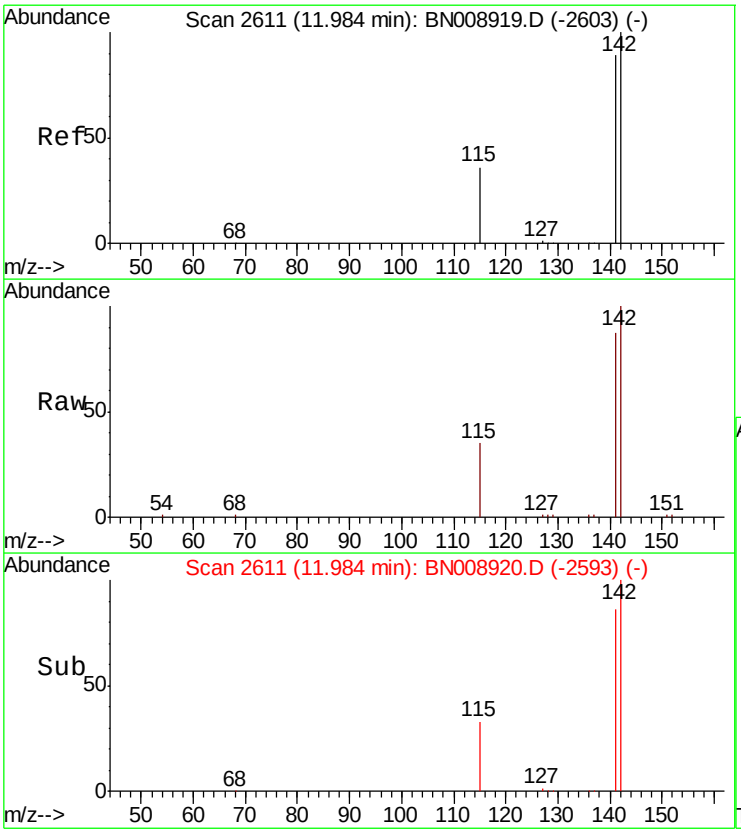
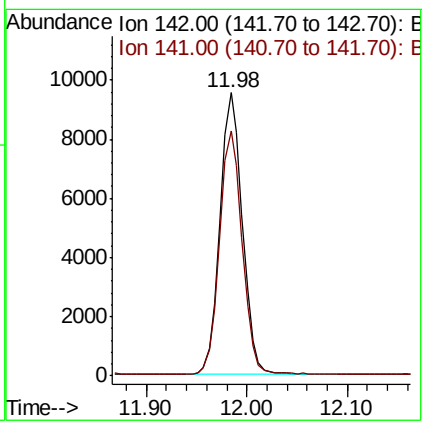
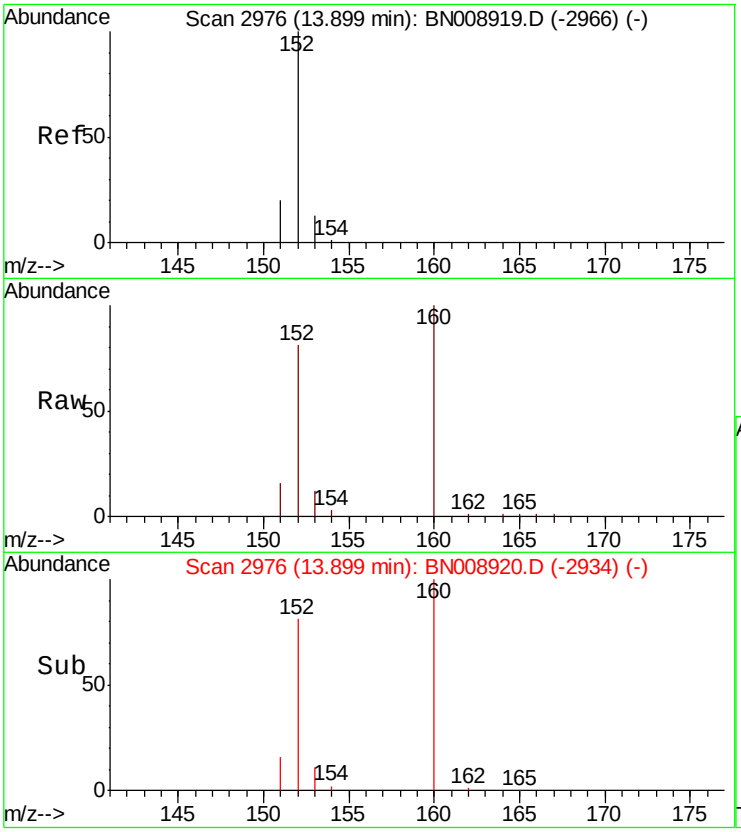


#5
2-Methylnaphthalene
Concen: 0.781 ng/ul
RT: 11.98 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:142 Resp: 14751

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.1	105.1

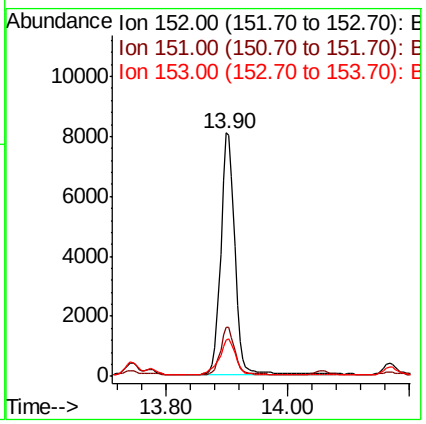




#7
Acenaphthylene
Concen: 0.400 ng/ul
RT: 13.90 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:152 Resp: 12994

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	14.8	10.6	15.8



Instrument :
BNA_N
ClientSampleId :
C0BN2

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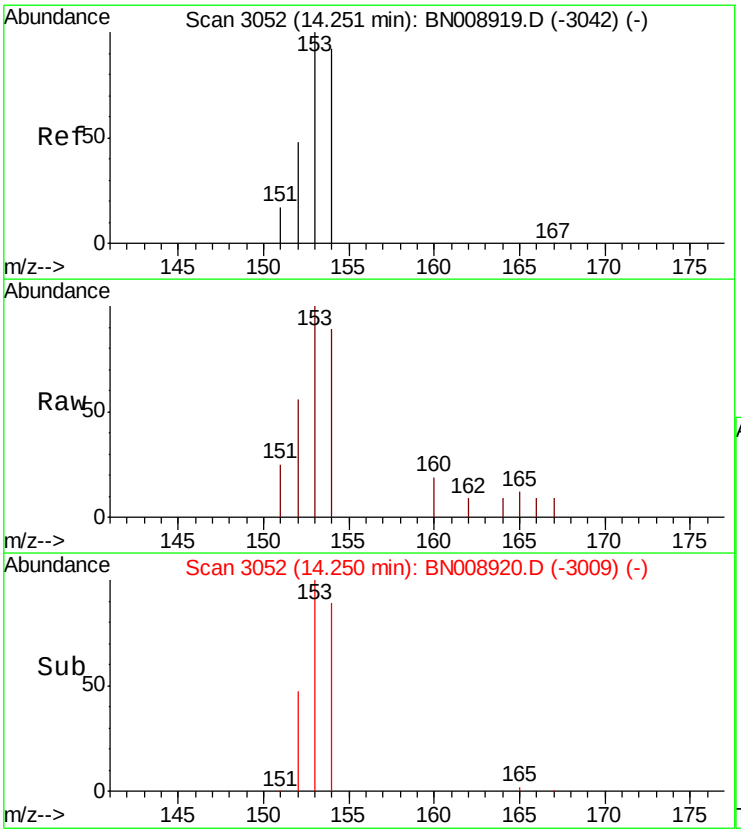
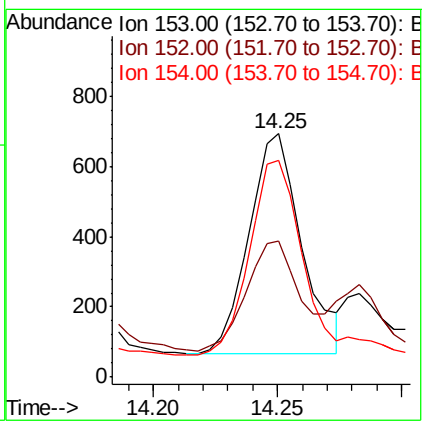
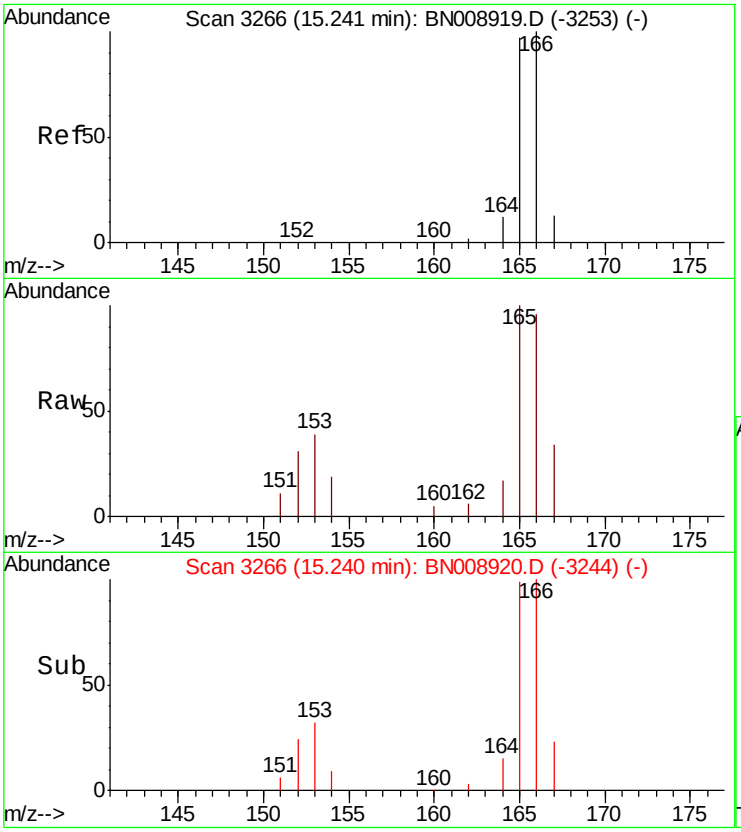


#8
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.25 min Scan# 3052
Delta R.T. 0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:153 Resp: 931

Ion	Ratio	Lower	Upper
153	100		
152	55.8	38.6	58.0
154	89.2	70.6	105.8

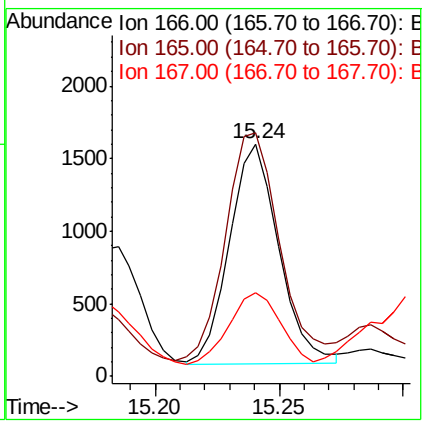




#9
Fluorene
Concen: 0.074 ng/ul
RT: 15.24 min Scan# 3266
Delta R.T. 0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:166 Resp: 2095

Ion	Ratio	Lower	Upper
166	100		
165	104.7	77.7	116.5
167	36.1	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
C0BN2

Manual Integrations APPROVED
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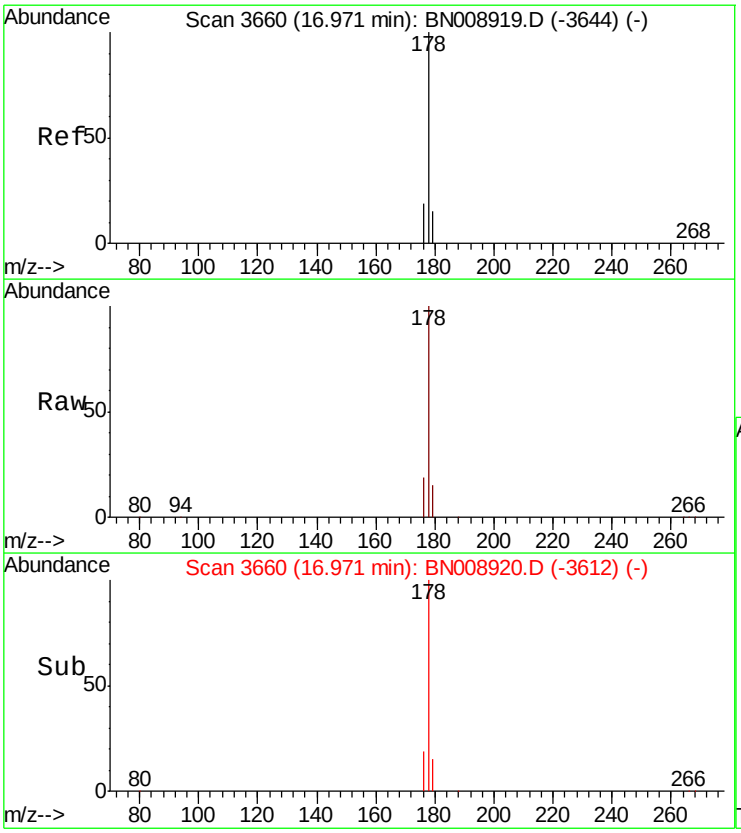
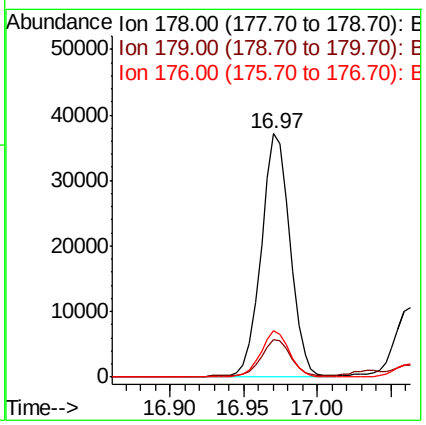
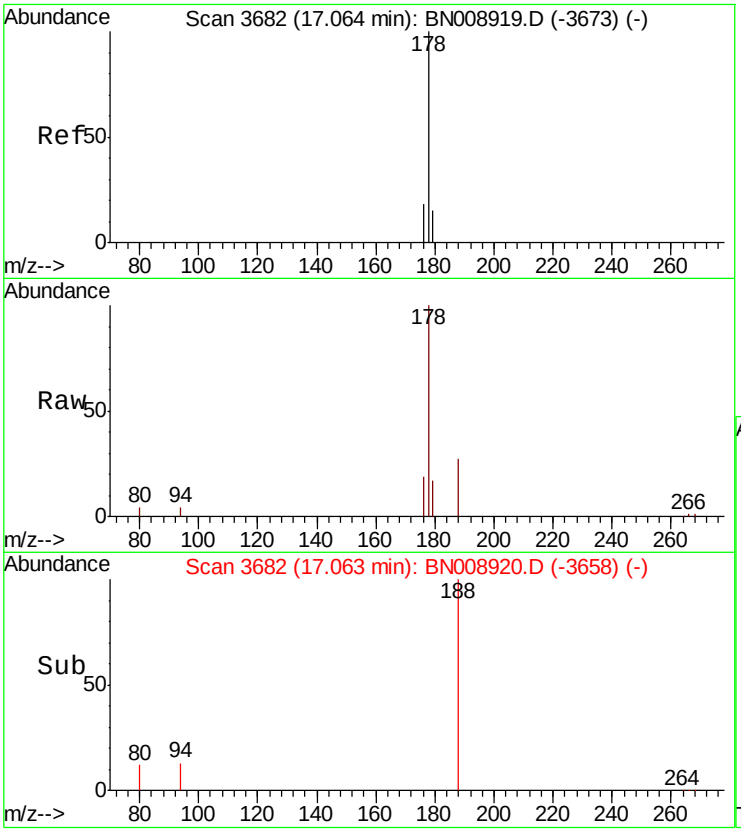


#12
Phenanthrene
Concen: 1.105 ng/ul
RT: 16.97 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:178 Resp: 50218

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

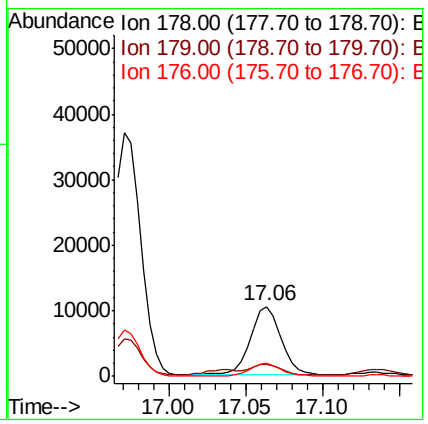




#13
Anthracene
Concen: 0.338 ng/ul
RT: 17.06 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:178 Resp: 14504

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.2	18.4
176	18.5	14.7	22.1



Instrument :
BNA_N
ClientSampleId :
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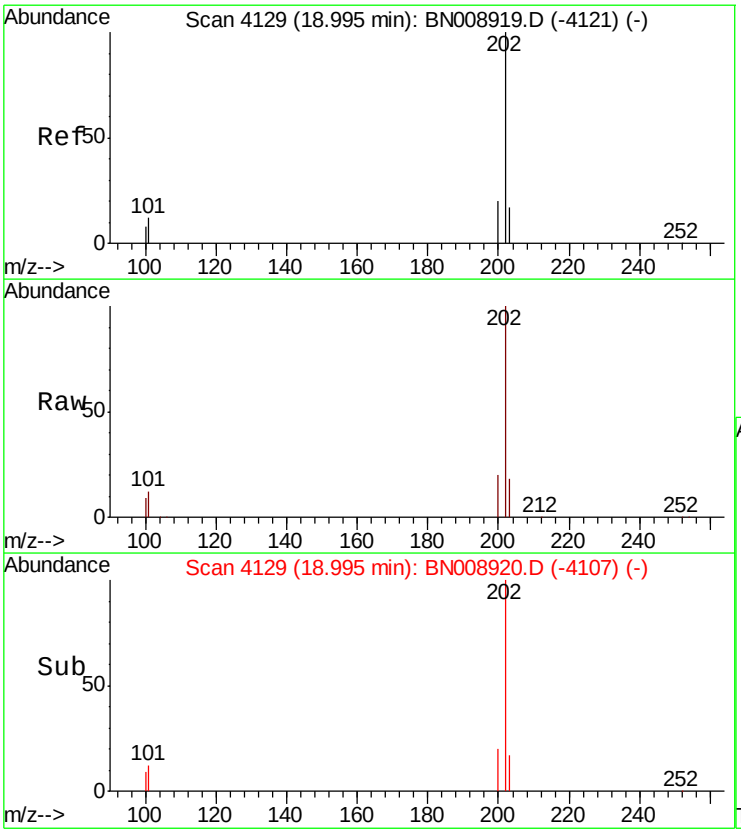
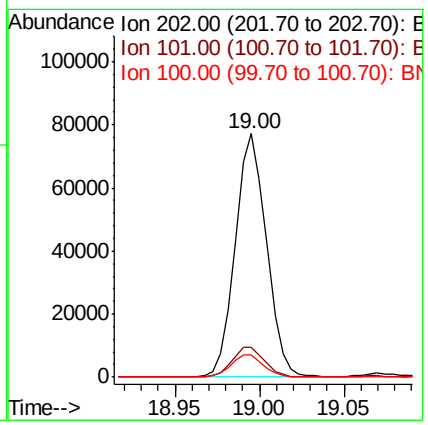
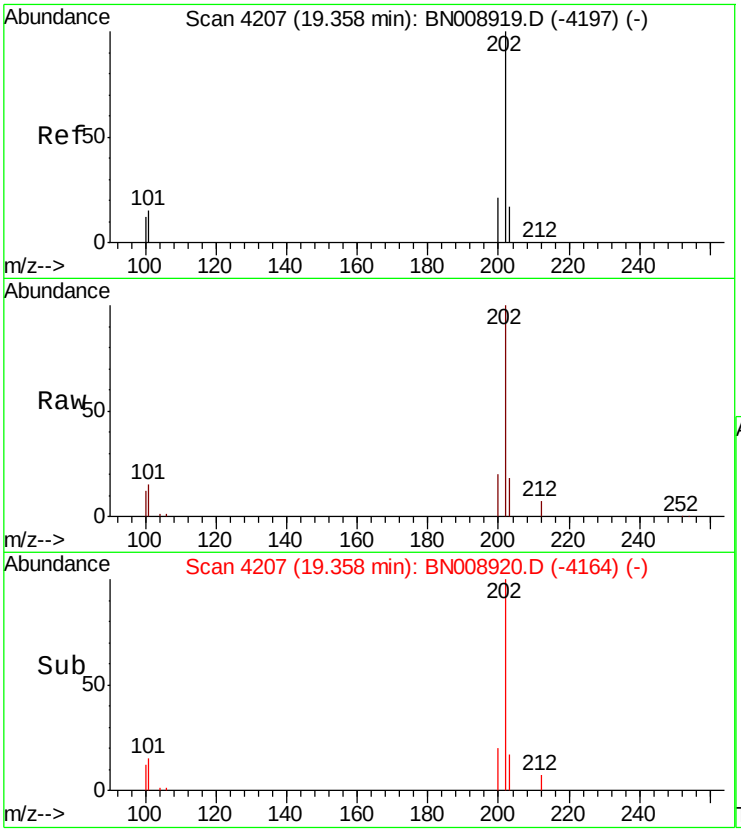


#15
Fluoranthene
Concen: 1.758 ng/ul
RT: 19.00 min Scan# 4129
Delta R.T. 0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:202 Resp: 98172

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.4
100	9.0	0.0	29.2

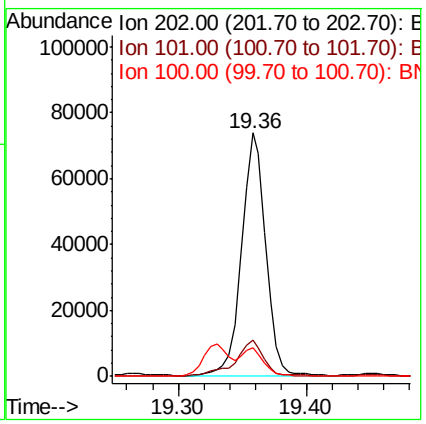




#17
Pyrene
Concen: 1.904 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:202 Resp: 94980

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.4
100	11.9	9.5	14.3



Instrument :
BNA_N
ClientSampleId :
C0BN2

Manual Integrations APPROVED
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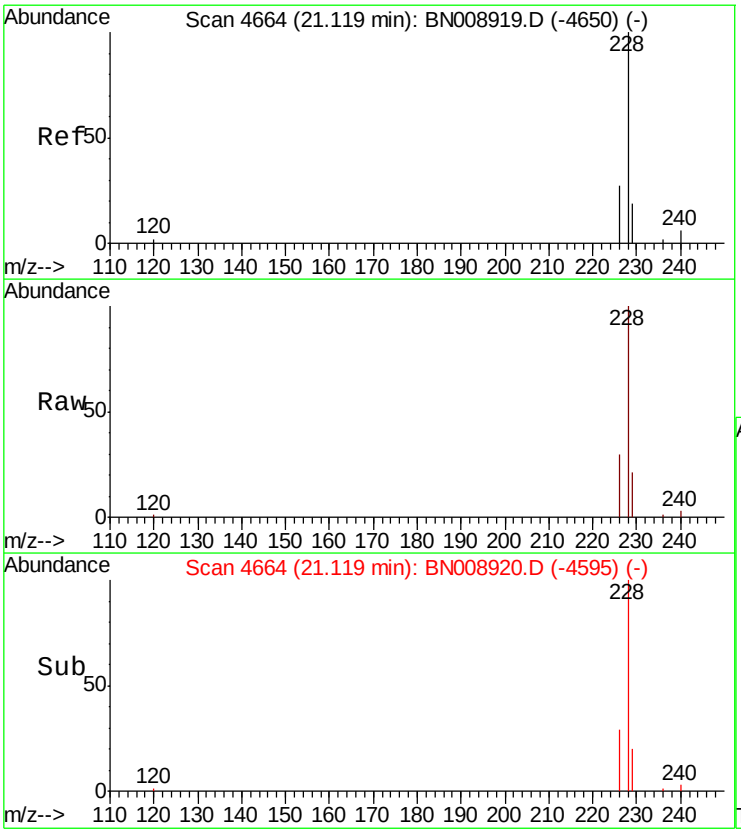
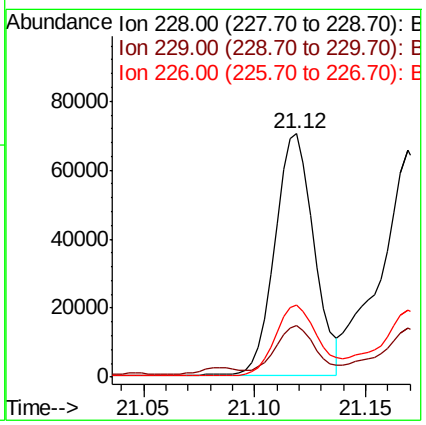
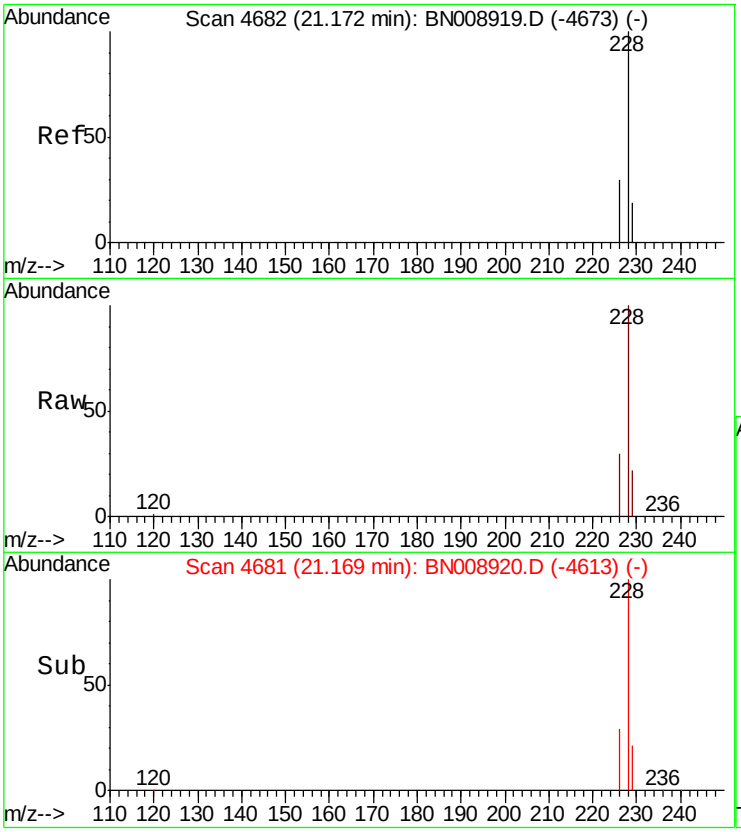


#18
Benzo(a)anthracene
Concen: 1.699 ng/ul
RT: 21.12 min Scan# 4664
Delta R.T. 0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:228 Resp: 84967

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	29.5	21.5	32.3

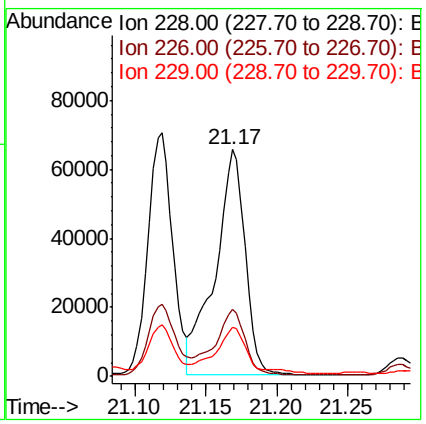




#19
Chrysene
Concen: 1.953 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:228 Resp: 95909

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	21.7	15.6	23.4



Instrument :
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ClientSampleId :
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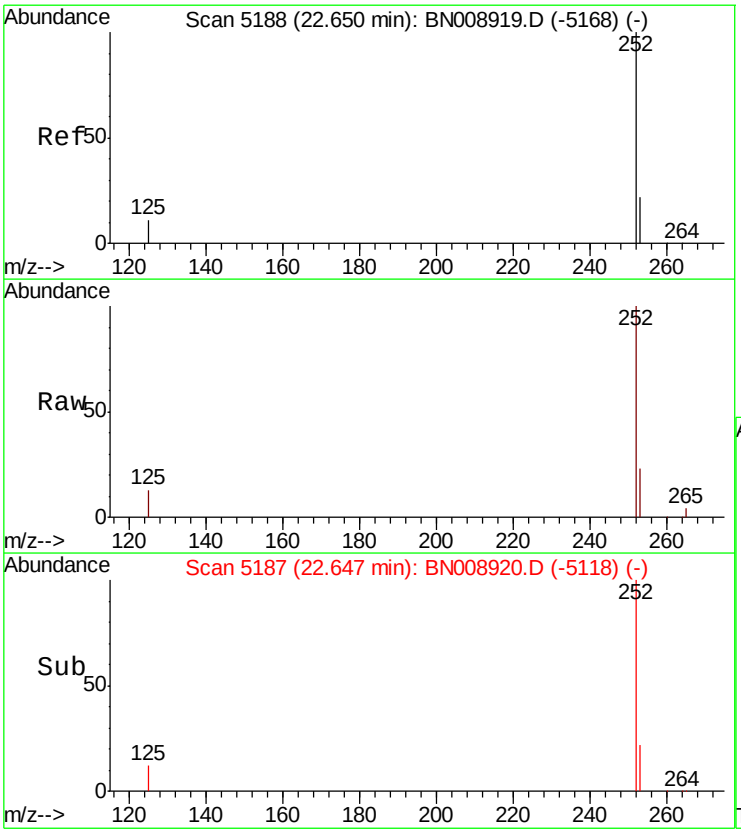
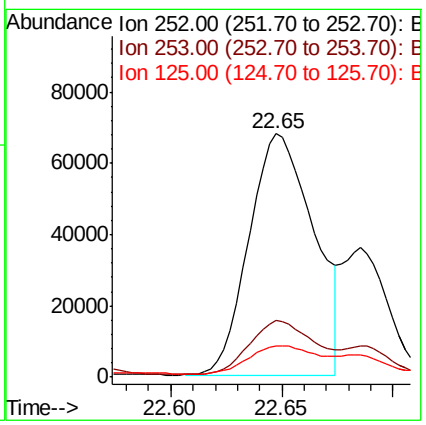
12/12/2019 11:27:11 AM

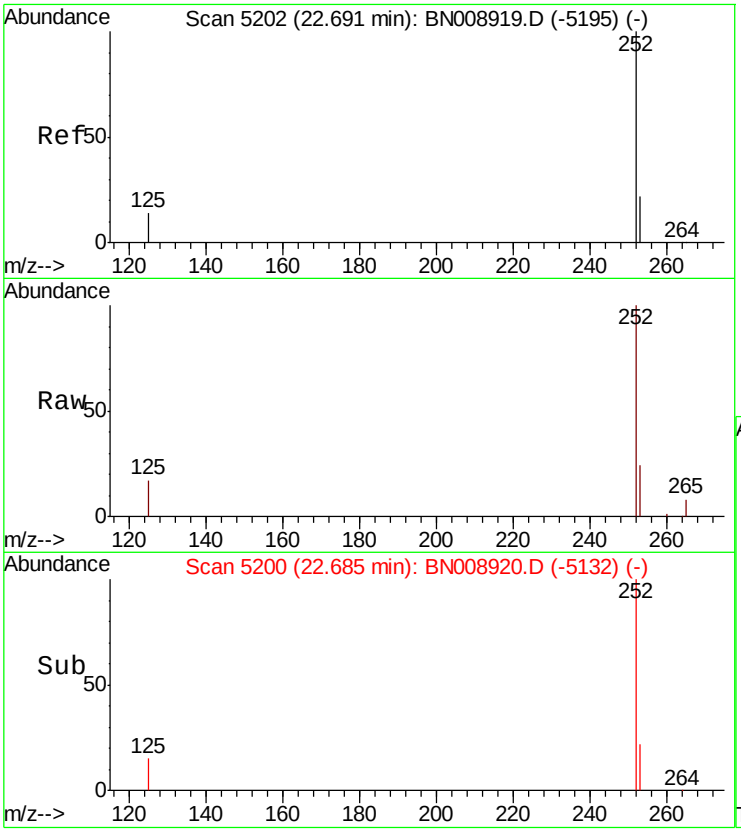


#21
Benzo(b)fluoranthene
Concen: 2.399 ng/ul m
RT: 22.65 min Scan# 5187
Delta R.T. 0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:252 Resp: 137117

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	48.6
125	13.0	0.0	31.6





#22
Benzo(k)fluoranthene
Concen: 0.898 ng/ul m
RT: 22.69 min Scan# 5200
Delta R.T. -0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:252 Resp: 50908

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.6	29.4
125	17.1	13.8	20.6

Instrument :
BNA_N
ClientSampleId :
C0BN2

Manual Integrations APPROVED
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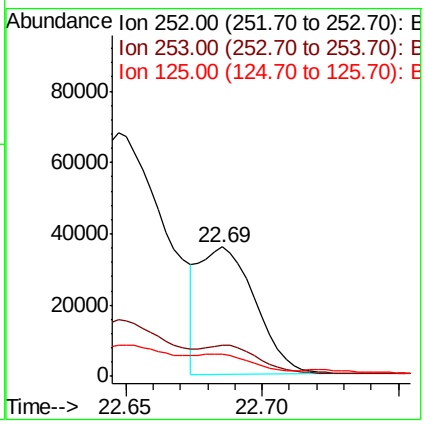
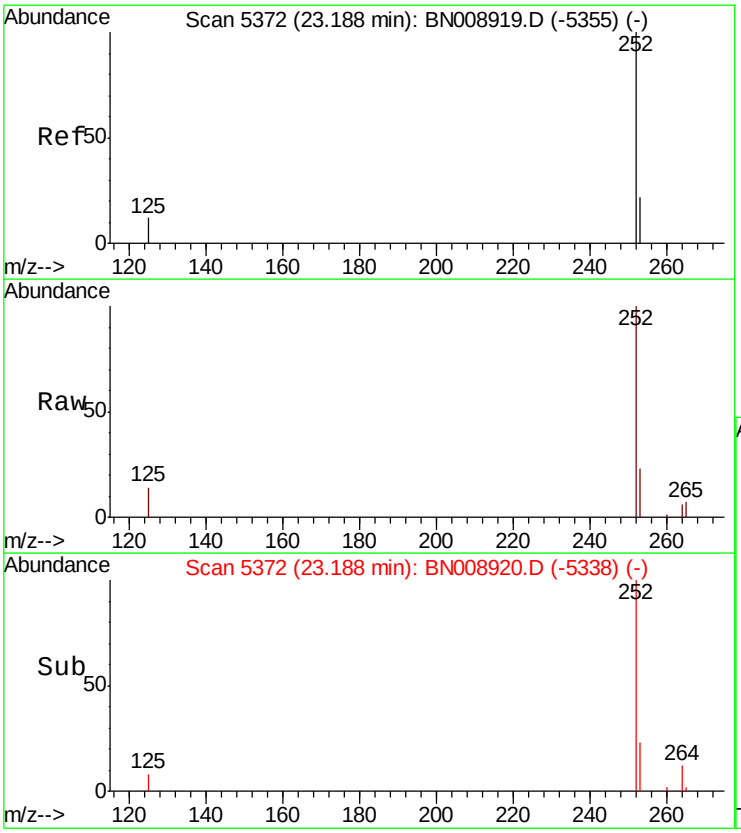
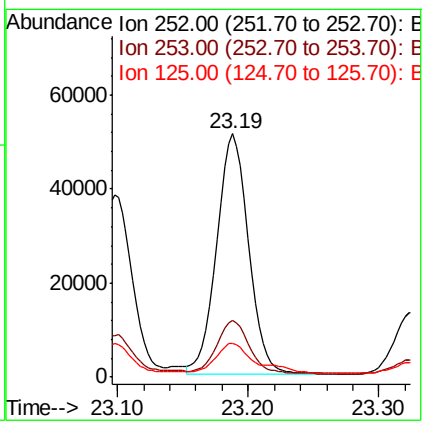


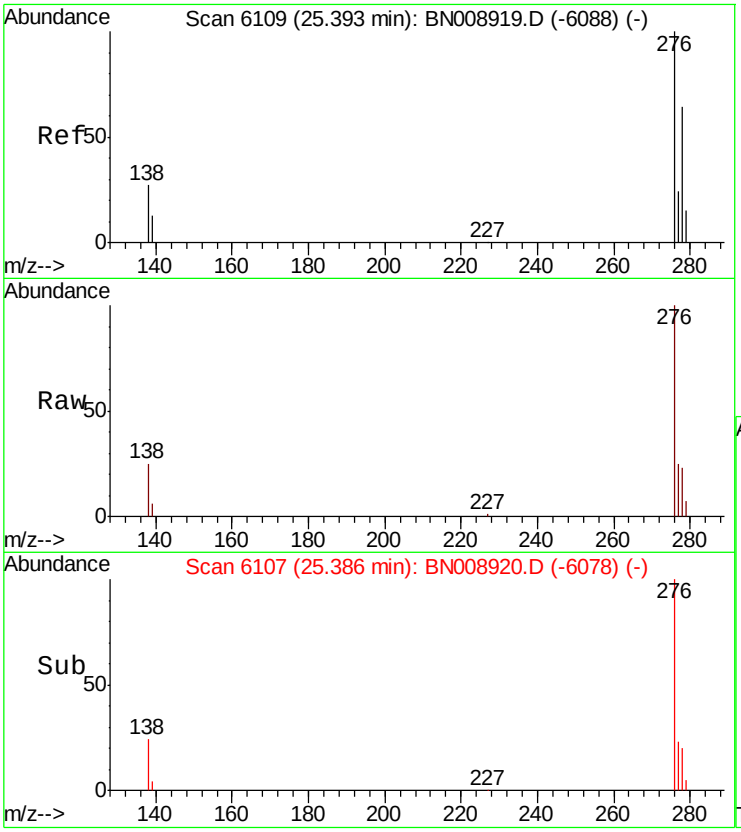


#23
Benzo(a)pyrene
Concen: 1.600 ng/ul
RT: 23.19 min Scan# 5372
Delta R.T. 0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:252 Resp: 85841

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.9	29.9
125	13.7	14.6	22.0#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.843 ng/ul
RT: 25.39 min Scan# 6107
Delta R.T. -0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:276 Resp: 52882

Ion	Ratio	Lower	Upper
276	100		
138	24.9	23.8	35.6
227	0.4	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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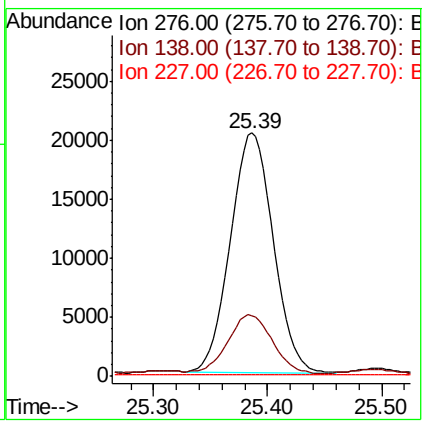
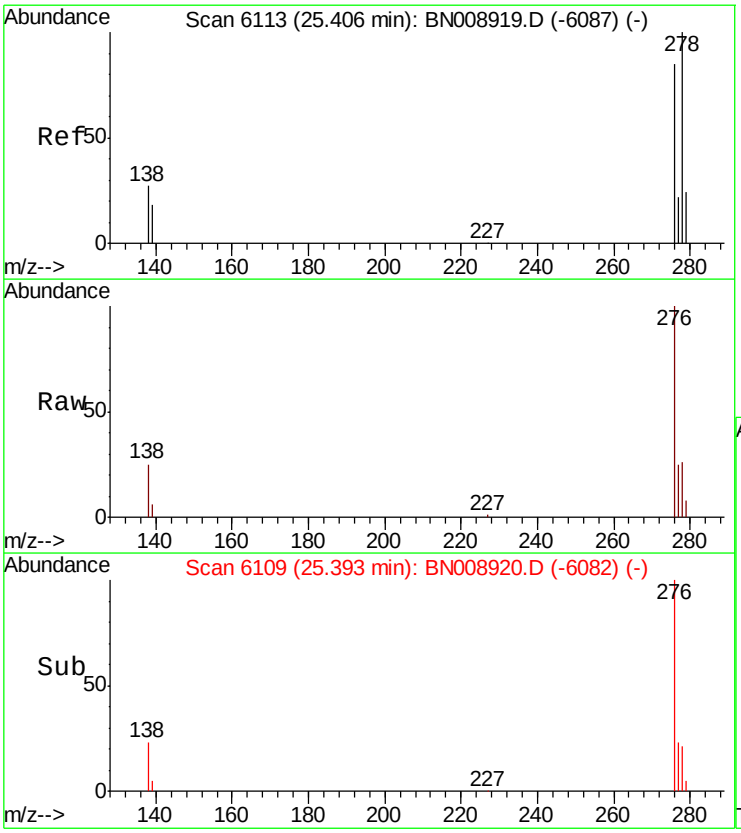
Manual Integrations APPROVED
mohammad
12/12/2019 11:27:11 AM

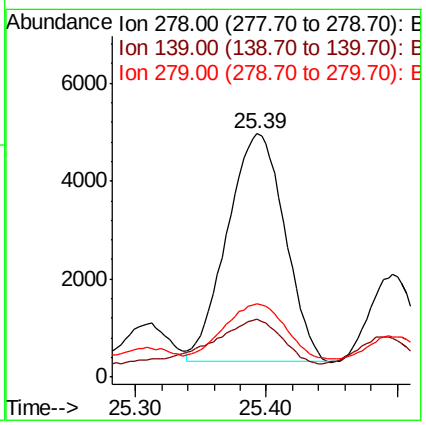


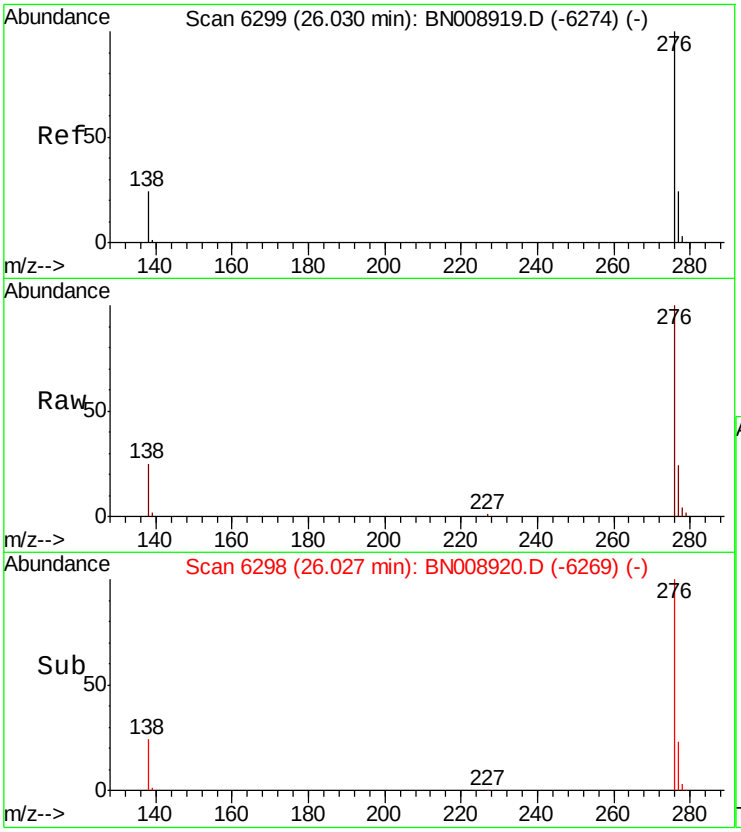


#25
Dibenzo(a,h)anthracene
Concen: 0.281 ng/ul
RT: 25.39 min Scan# 6109
Delta R.T. -0.01 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:278 Resp: 14239

Ion	Ratio	Lower	Upper
278	100		
139	23.9	17.4	26.0
279	30.2	20.5	30.7

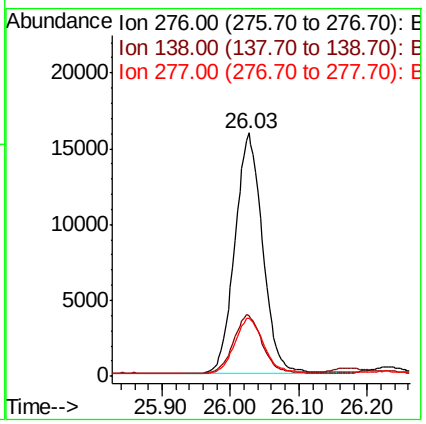




#26
Benzo(g,h,i)perylene
Concen: 0.857 ng/ul
RT: 26.03 min Scan# 6298
Delta R.T. -0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:276 Resp: 45011

Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.9	32.9
277	24.1	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
C0BN2

Manual Integrations APPROVED
mohammad
12/12/2019 11:27:11 AM