Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008911.D
Acq On : 11 Dec 2019 11:34
Operator : JU
Sample : K6007-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BM1

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mohammad
12/12/2019 11:26:47 AM

Quant Time: Dec 11 12:16:37 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	2347	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10006	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6605	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	15146	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13974	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	15650	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2621	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8166	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	7170	0.238	ng/ul	97
5) 2-Methylnaphthalene	11.98	142	7606	0.361	ng/ul	100
7) Acenaphthylene	13.90	152	17362	0.475	ng/ul	99
8) Acenaphthene	14.25	153	831	0.031	ng/ul	94
9) Fluorene	15.24	166	1724	0.054	ng/ul#	85
12) Phenanthrene	16.97	178	47847	0.937	ng/ul	100
13) Anthracene	17.06	178	12106	0.251	ng/ul	98
15) Fluoranthene	19.00	202	151604	2.416	ng/ul	100
17) Pyrene	19.36	202	136753	2.439	ng/ul	99
18) Benzo(a)anthracene	21.12	228	99610	1.773	ng/ul	96
19) Chrysene	21.17	228	109300	1.980	ng/ul	97
21) Benzo(b)fluoranthene	22.65	252	155825m	2.415	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	59016m	0.922	ng/ul	
23) Benzo(a)pyrene	23.19	252	85738	1.415	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	25.39	276	61538	0.869	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.40	278	16870	0.295	ng/ul	95
26) Benzo(g,h,i)perylene	26.03	276	53414	0.901	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008911.D
Acq On : 11 Dec 2019 11:34
Operator : JU
Sample : K6007-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 12:16:37 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 :
C0BM1

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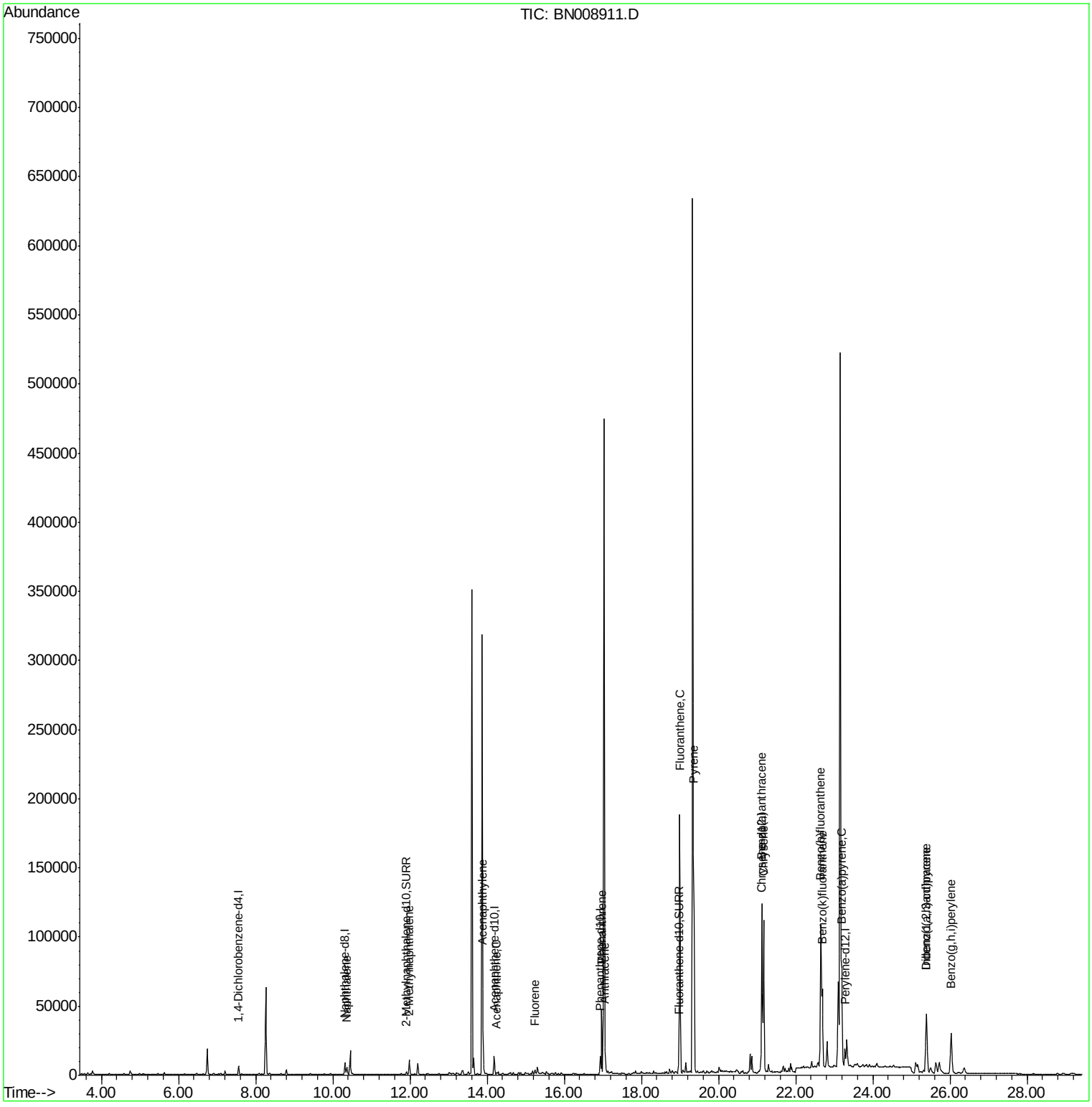
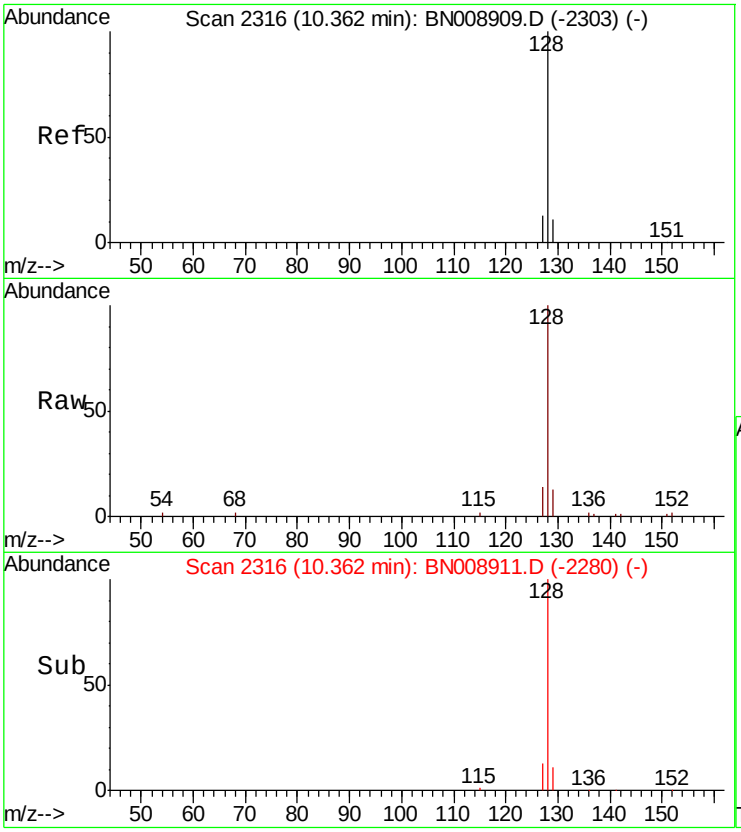
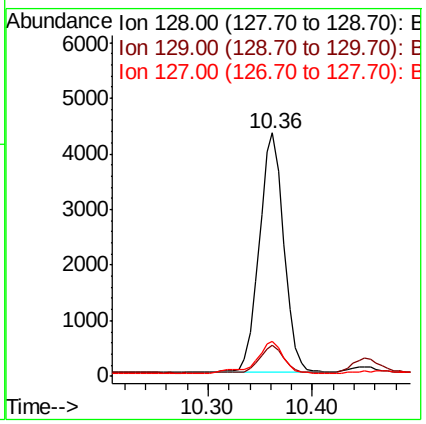




#3
Naphthalene
Concen: 0.238 ng/ul
RT: 10.36 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:128 Resp: 7170

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.1	13.7
127	14.2	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
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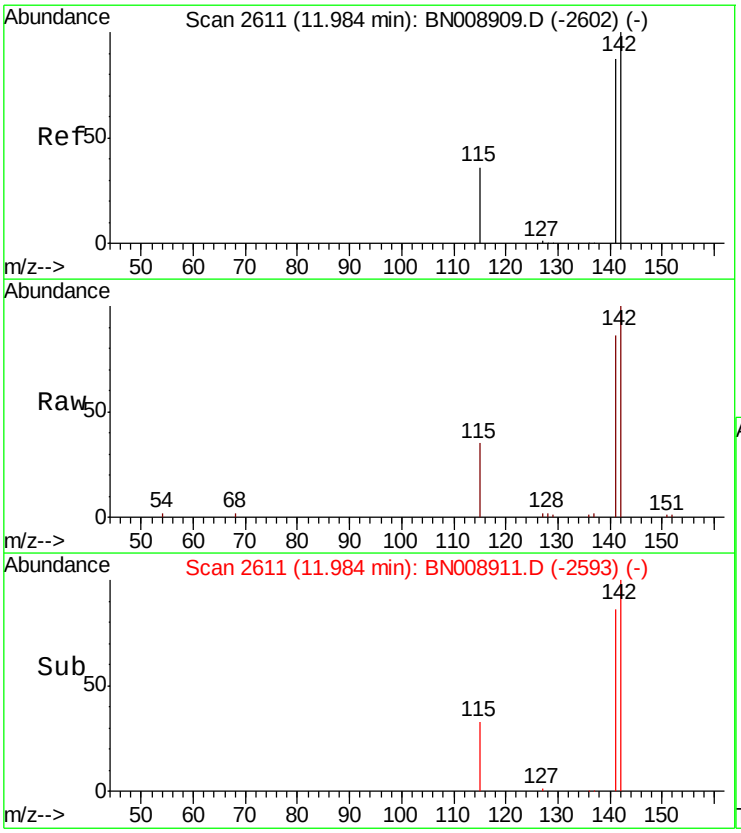
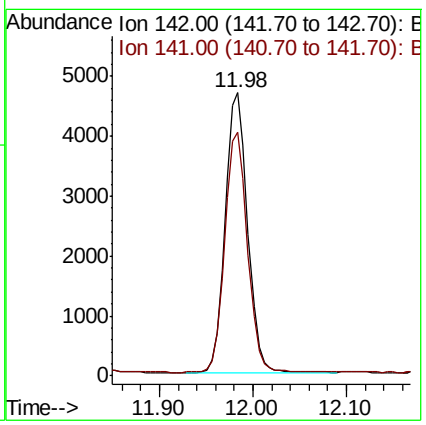
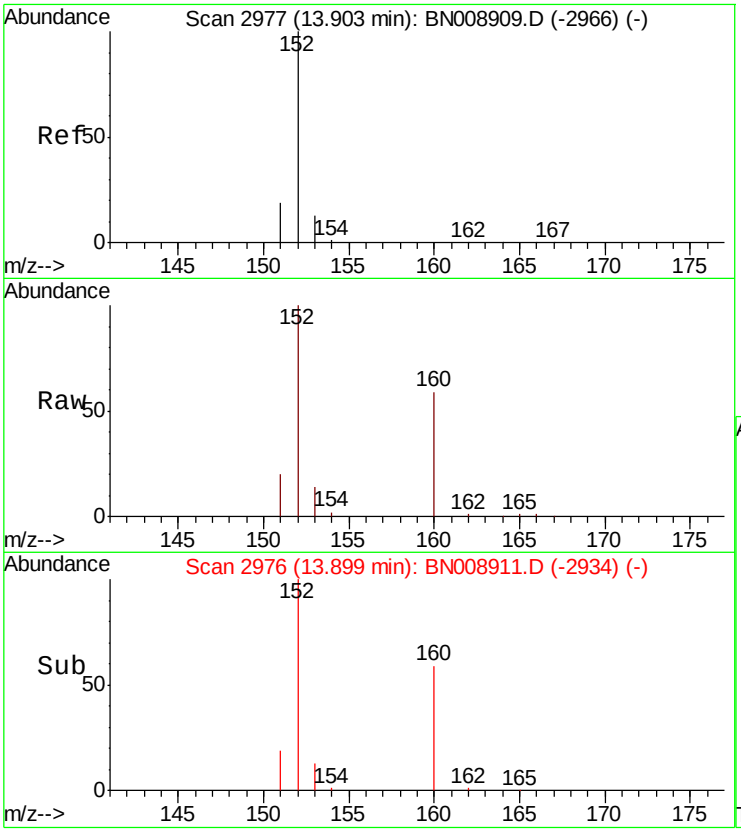


#5
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 11.98 min Scan# 2611
Delta R.T. 0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:142 Resp: 7606

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.1	105.1

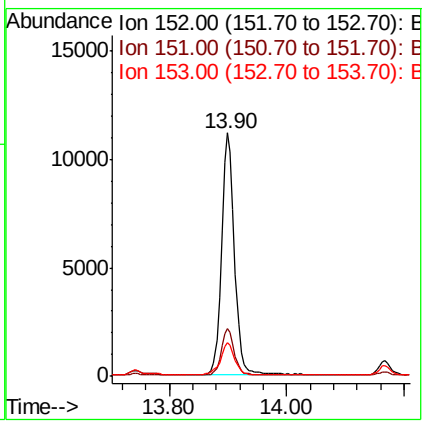




#7
Acenaphthylene
Concen: 0.475 ng/ul
RT: 13.90 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:152 Resp: 17362

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.8	10.6	15.8



Instrument :
BNA_N
ClientSampleId :
C0BM1

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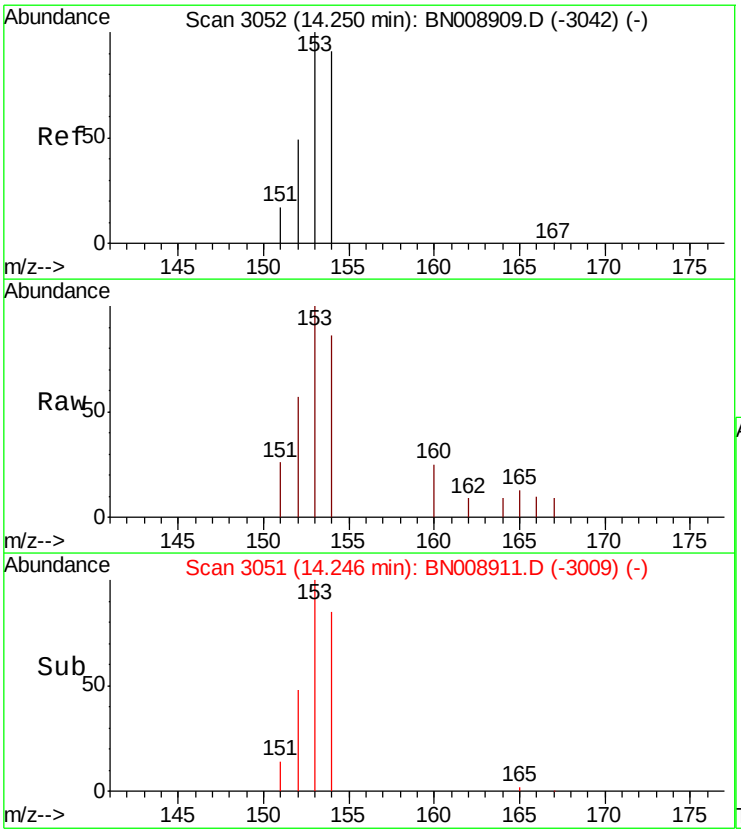
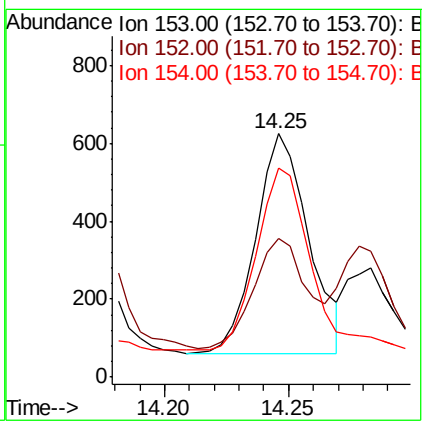
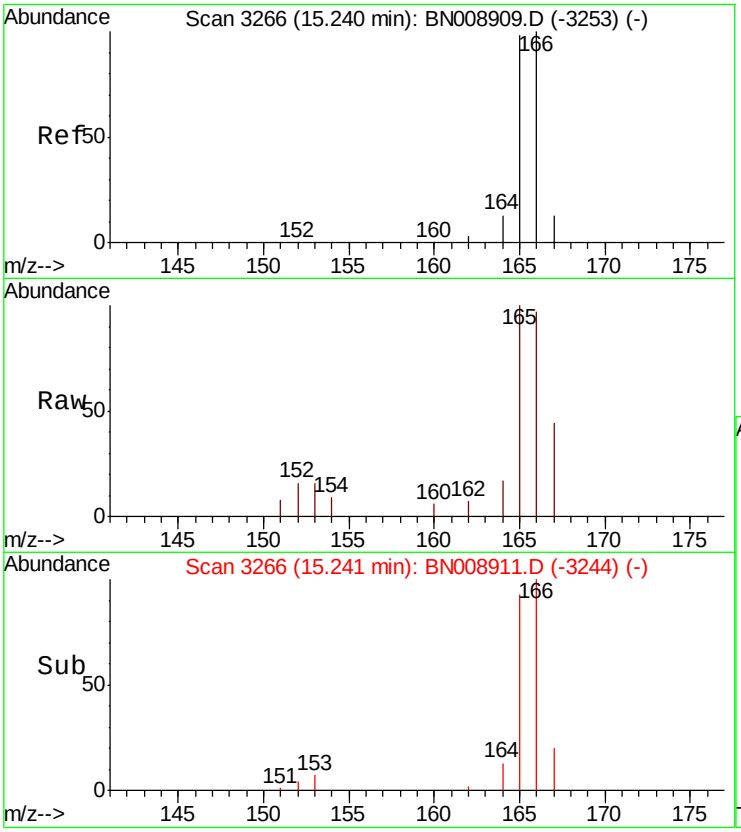


#8
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.25 min Scan# 3051
Delta R.T. -0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:153 Resp: 831

Ion	Ratio	Lower	Upper
153	100		
152	57.1	38.6	58.0
154	85.6	70.6	105.8





#9
Fluorene
Concen: 0.054 ng/ul
RT: 15.24 min Scan# 3266
Delta R.T. 0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:166 Resp: 1724

Ion	Ratio	Lower	Upper
166	100		
165	102.7	77.7	116.5
167	45.7	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0BM1

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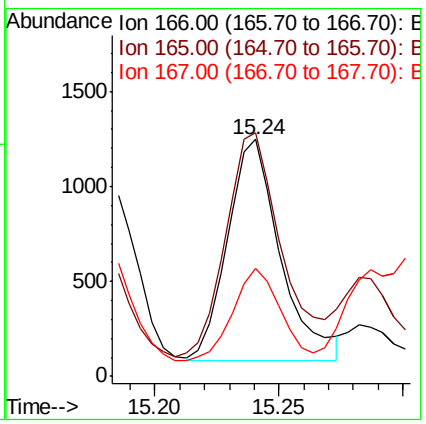
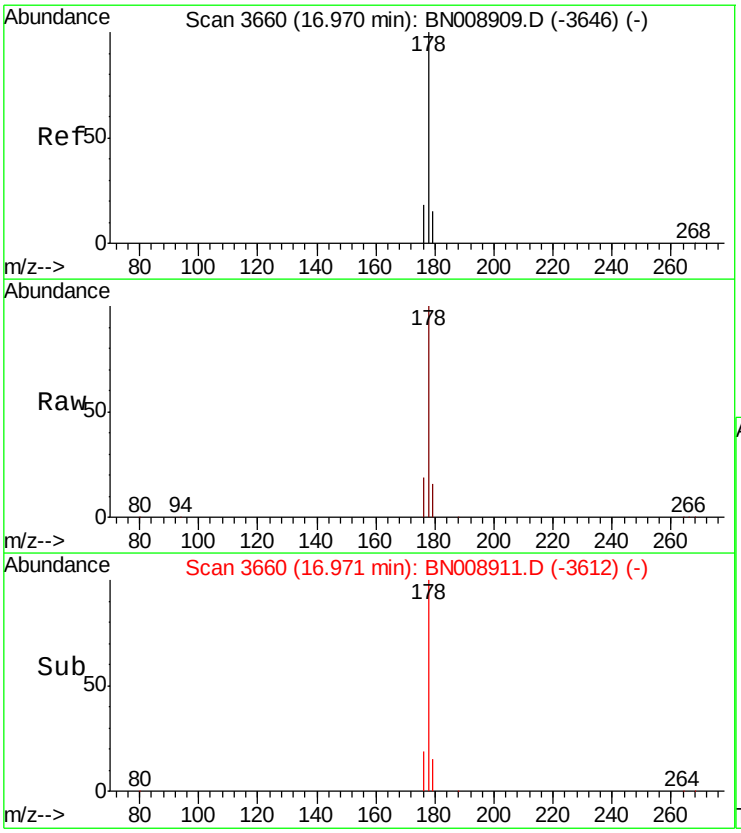
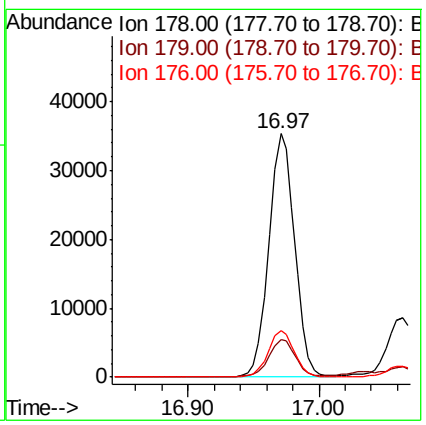


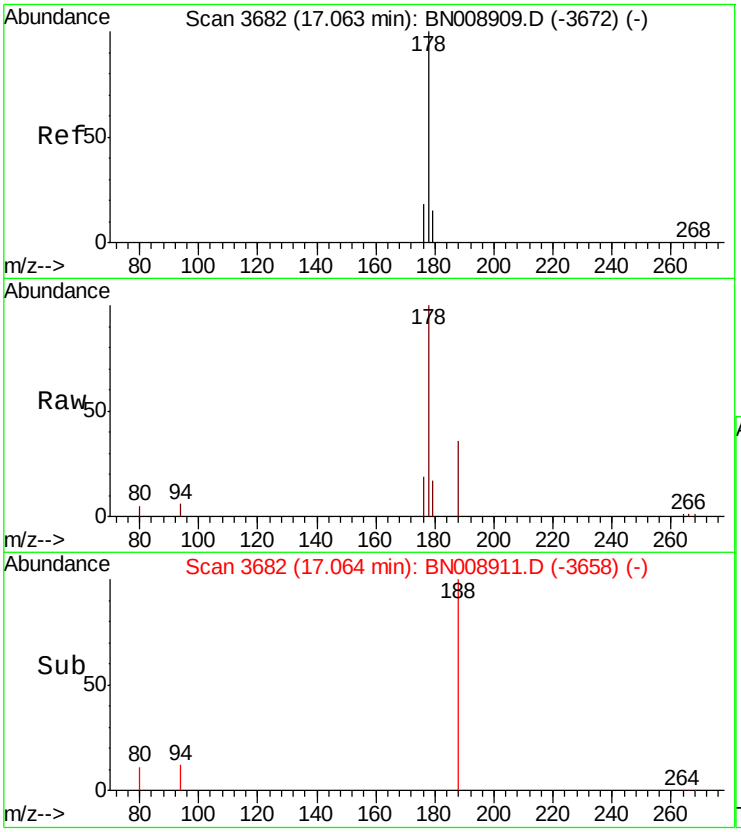


#12
Phenanthrene
Concen: 0.937 ng/ul
RT: 16.97 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:178 Resp: 47847

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.9	15.3	22.9

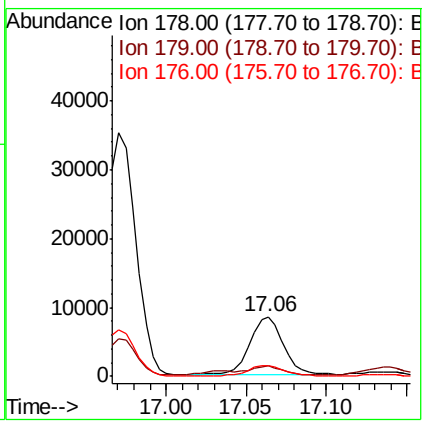




#13
Anthracene
Concen: 0.251 ng/ul
RT: 17.06 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:178 Resp: 12106

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.2	18.4
176	18.7	14.7	22.1



Instrument :
BNA_N
ClientSampleId :
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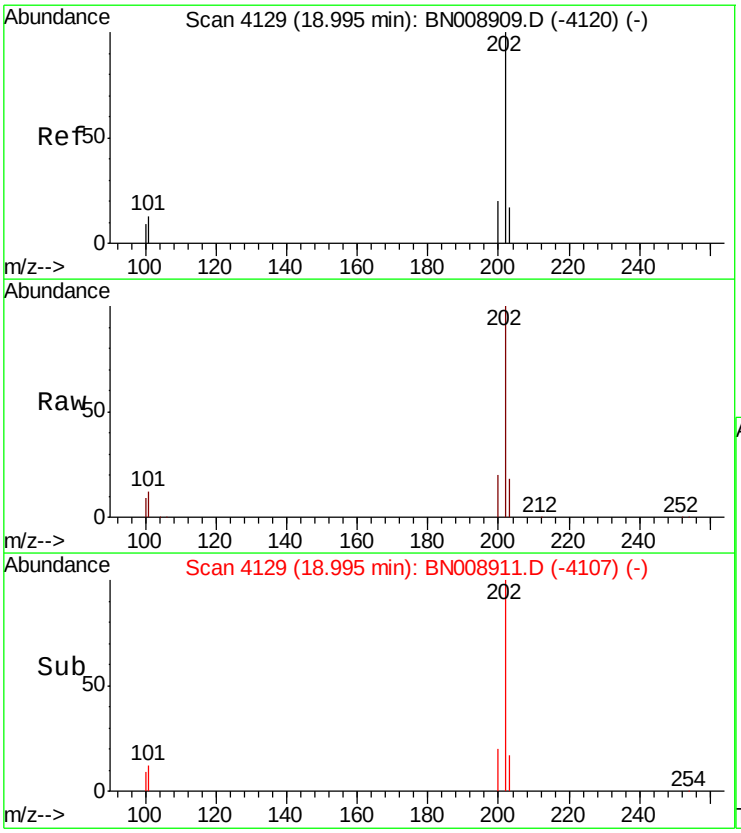
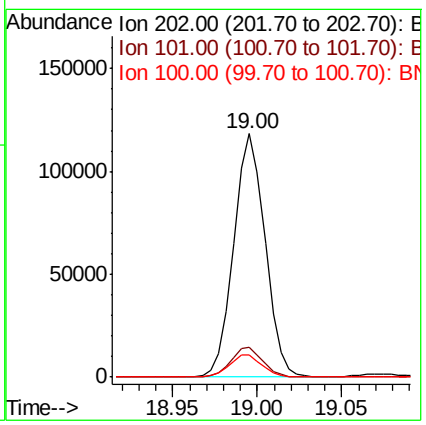
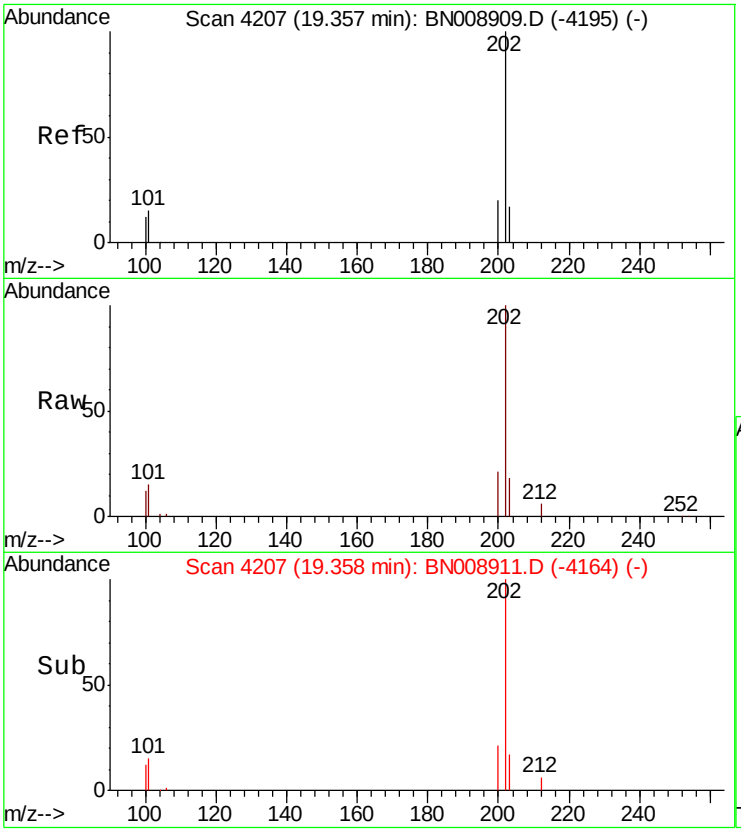


#15
Fluoranthene
Concen: 2.416 ng/ul
RT: 19.00 min Scan# 4129
Delta R.T. 0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:202 Resp: 151604

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.4
100	9.1	0.0	29.2





#17
Pyrene
Concen: 2.439 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:202 Resp: 136753

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.4
100	12.3	9.5	14.3

Instrument :
BNA_N
ClientSampleId :
C0BM1

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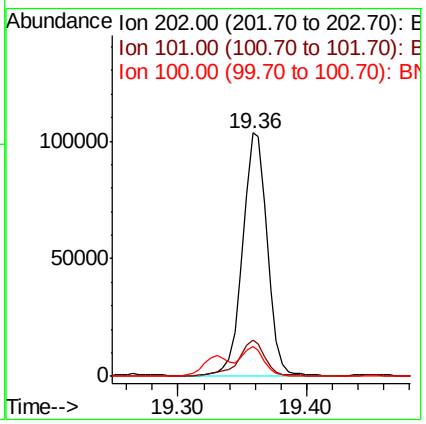
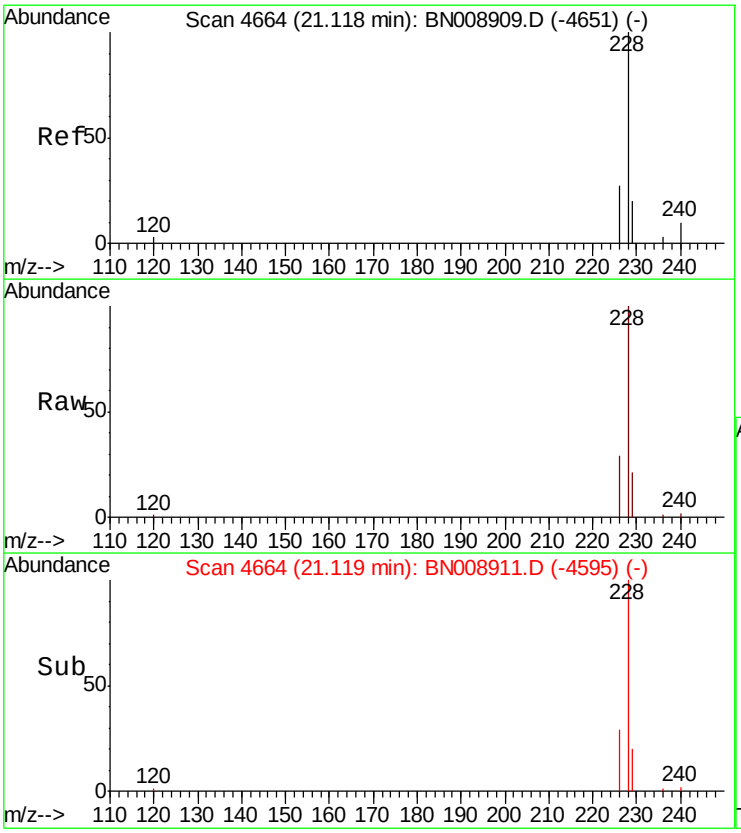
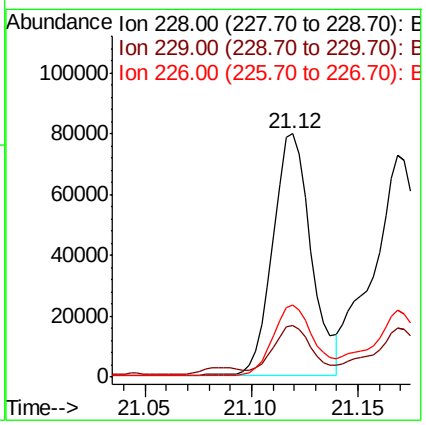


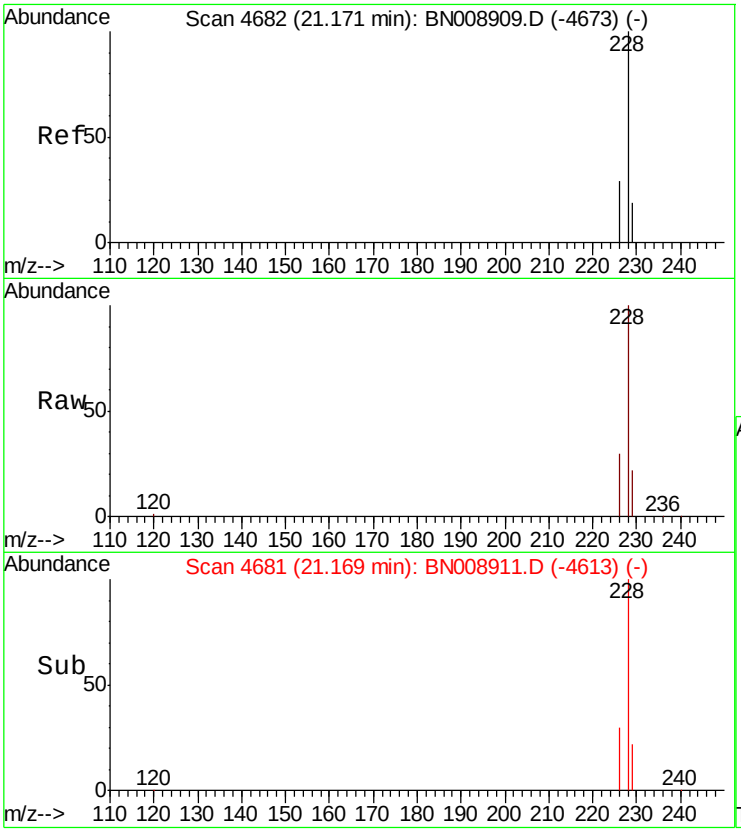


#18
Benzo(a)anthracene
Concen: 1.773 ng/ul
RT: 21.12 min Scan# 4664
Delta R.T. 0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:228 Resp: 99610

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	29.4	21.5	32.3

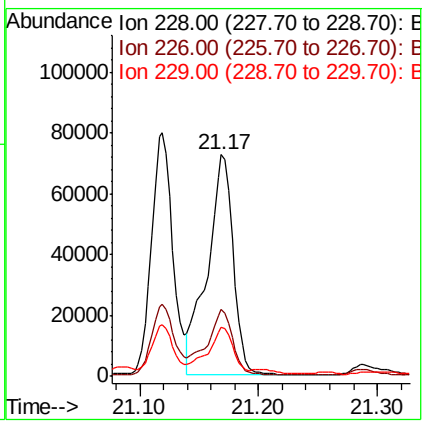




#19
Chrysene
Concen: 1.980 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:228 Resp: 109300

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	22.2	15.6	23.4



Instrument :
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ClientSampleId :
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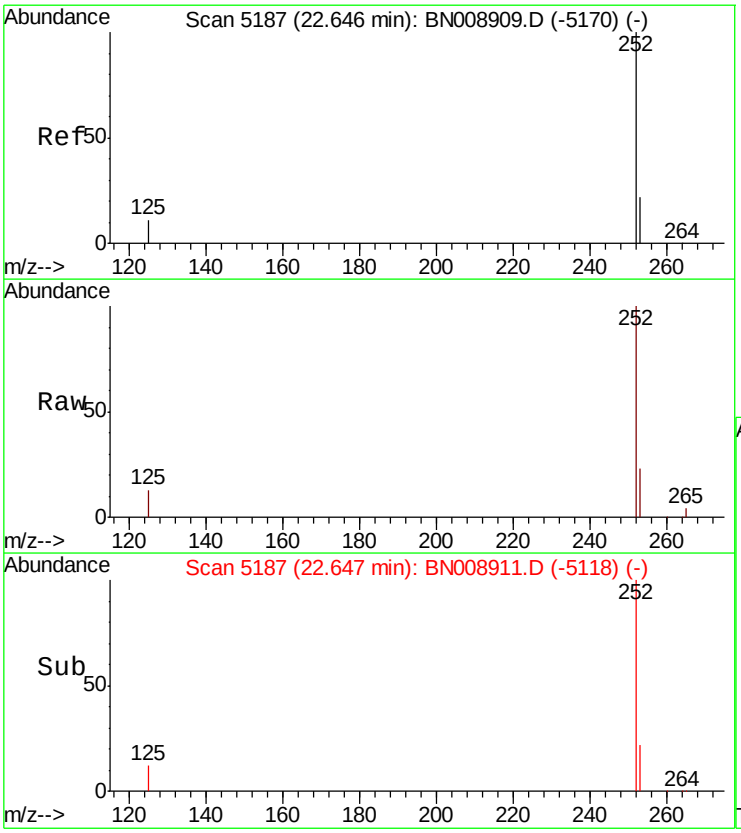
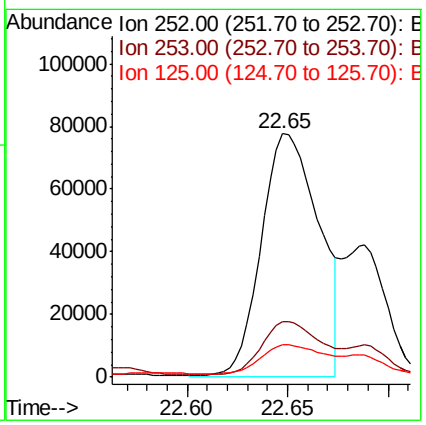
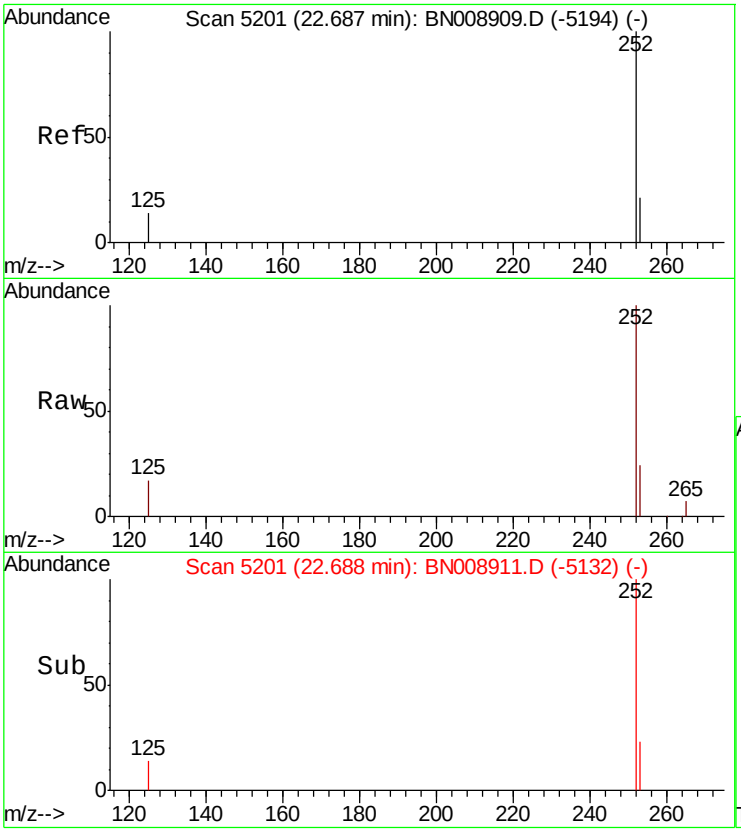


#21
Benzo(b)fluoranthene
Concen: 2.415 ng/ul m
RT: 22.65 min Scan# 5187
Delta R.T. 0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:252 Resp: 155825

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	48.6
125	13.2	0.0	31.6





#22
Benzo(k)fluoranthene
Concen: 0.922 ng/ul m
RT: 22.69 min Scan# 5201
Delta R.T. 0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:252 Resp: 59016

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.6	29.4
125	16.6	13.8	20.6

Instrument :
BNA_N
ClientSampleId :
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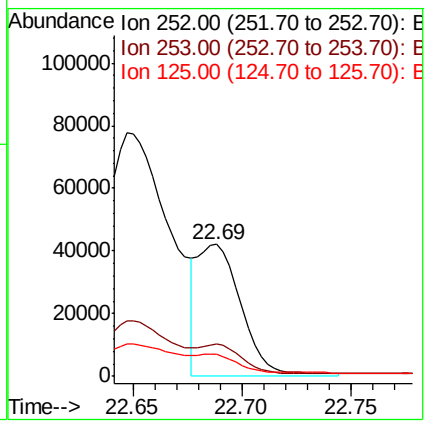
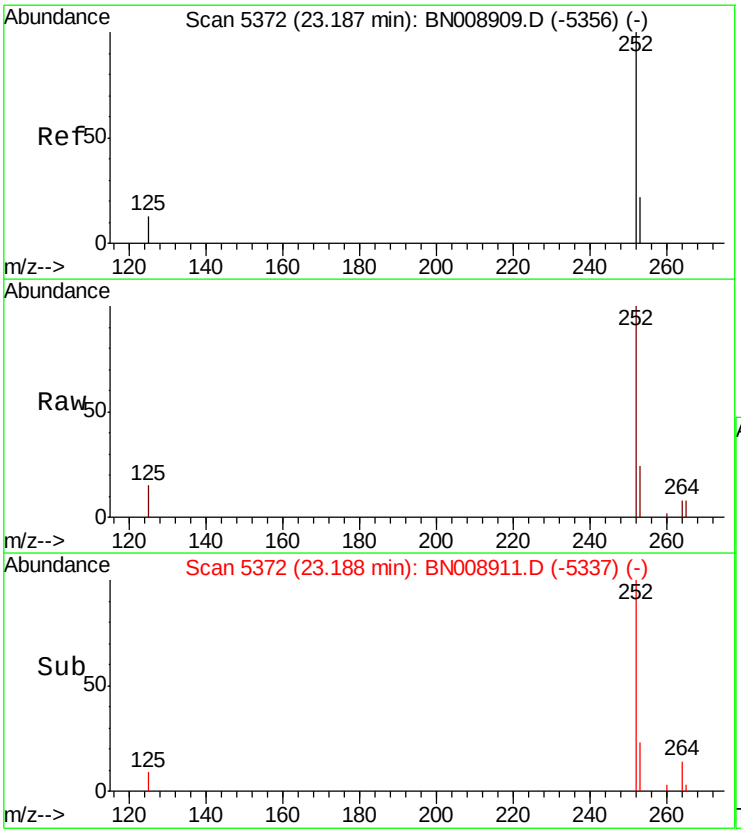
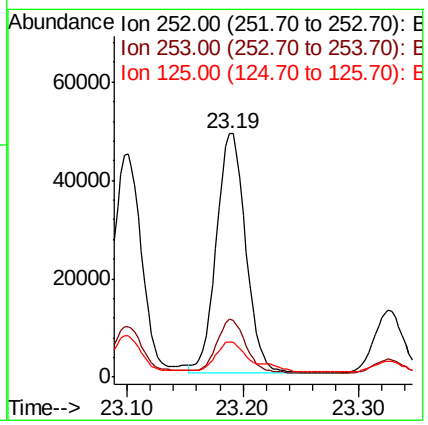


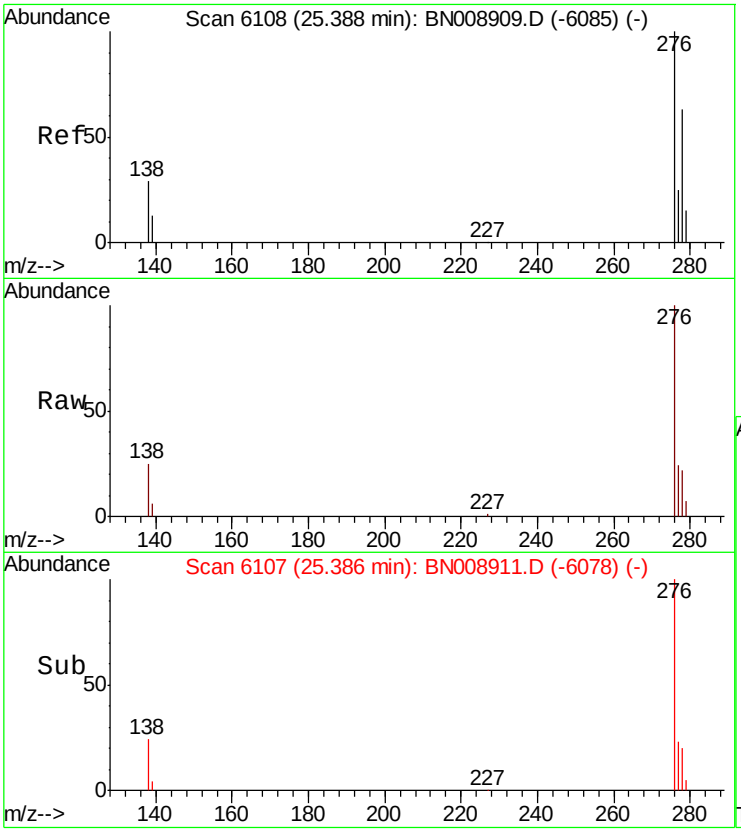


#23
Benzo(a)pyrene
Concen: 1.415 ng/ul
RT: 23.19 min Scan# 5372
Delta R.T. 0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:252 Resp: 85738

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.9	29.9
125	14.6	14.6	22.0#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.869 ng/ul
RT: 25.39 min Scan# 6107
Delta R.T. -0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:276 Resp: 61538

Ion	Ratio	Lower	Upper
276	100		
138	25.6	23.8	35.6
227	0.3	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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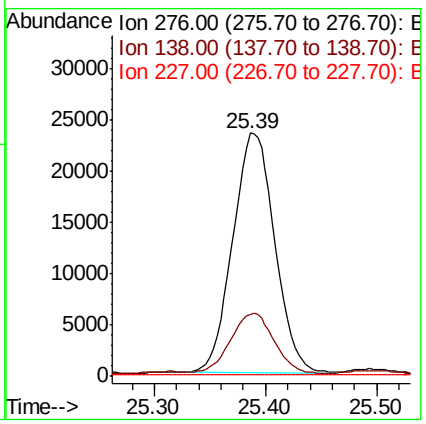
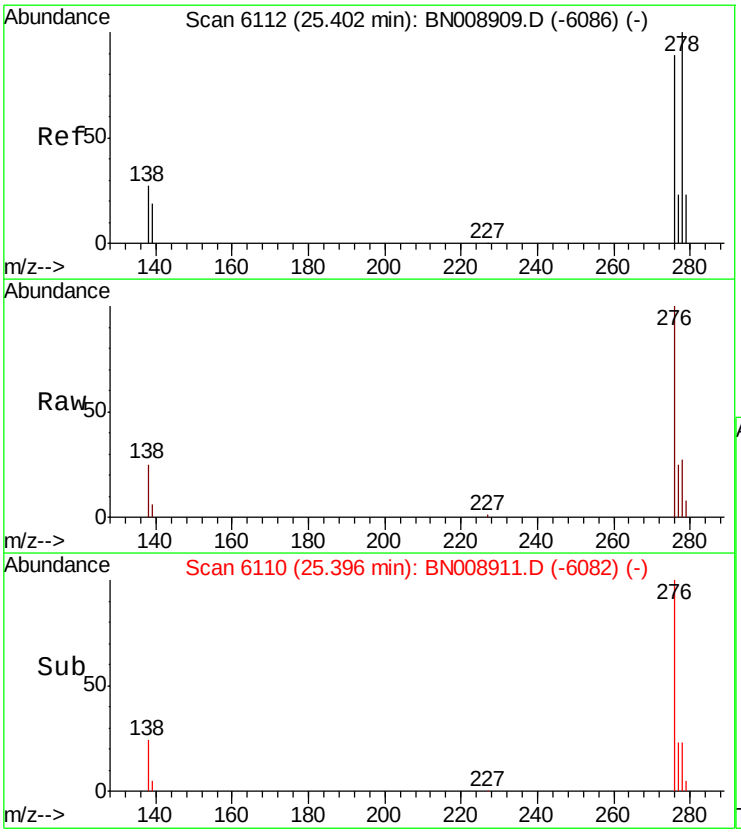
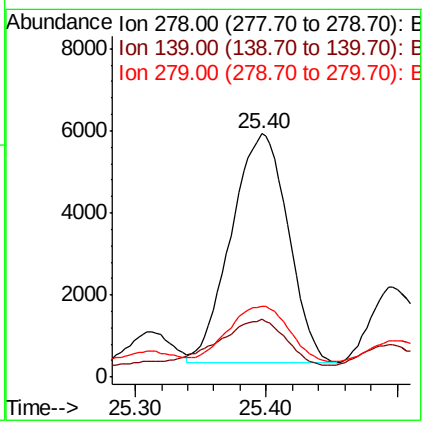


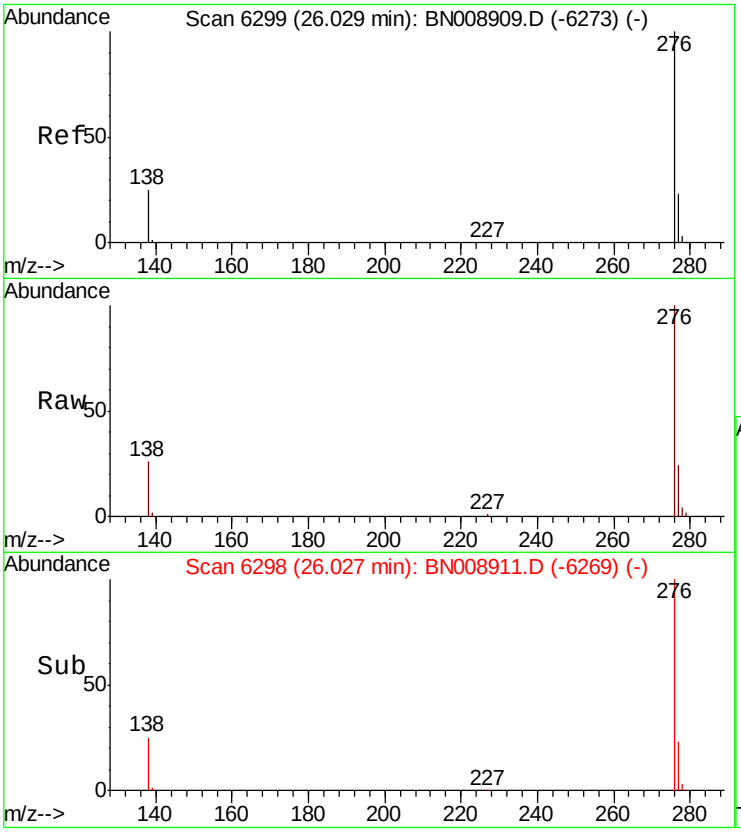


#25
Dibenzo(a,h)anthracene
Concen: 0.295 ng/ul
RT: 25.40 min Scan# 6110
Delta R.T. -0.01 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:278 Resp: 16870

Ion	Ratio	Lower	Upper
278	100		
139	23.7	17.4	26.0
279	28.9	20.5	30.7

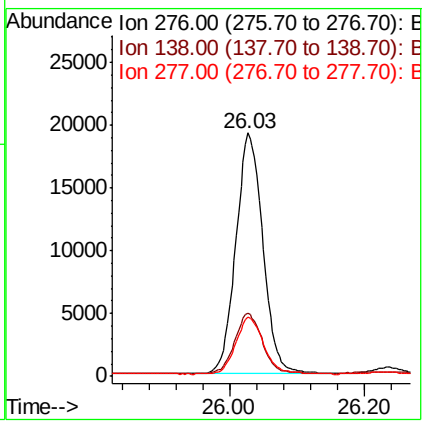




#26
Benzo(g,h,i)perylene
Concen: 0.901 ng/ul
RT: 26.03 min Scan# 6298
Delta R.T. -0.00 min
Lab File: BN008911.D
Acq: 11 Dec 2019 11:34

Tgt Ion:276 Resp: 53414

Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.9	32.9
277	24.1	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
C0BM1

Manual Integrations APPROVED
mohammad
12/12/2019 11:26:47 AM