Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
Data File : BN008984.D
Acq On : 14 Dec 2019 01:34
Operator : JU
Sample : K4649-01DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5167DL

Manual Integrations APPROVED
mohammad
12/16/2019 12:24:18 PM

Quant Time: Dec 14 02:51:42 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 : Fri Dec 13 23:22:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3282	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	14334	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	9463	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	21817	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	18612	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	17369	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	943	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	2746	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	6366	0.147	ng/ul	98
5) 2-Methylnaphthalene	11.98	142	4171	0.138	ng/ul	100
7) Acenaphthylene	13.89	152	9195	0.176	ng/ul	98
8) Acenaphthene	14.24	153	2489	0.064	ng/ul	97
9) Fluorene	15.24	166	4449	0.098	ng/ul#	97
12) Phenanthrene	16.97	178	66339	0.902	ng/ul	99
13) Anthracene	17.06	178	15125	0.218	ng/ul	99
15) Fluoranthene	18.99	202	194208	2.148	ng/ul	98
17) Pyrene	19.35	202	167493	2.243	ng/ul	97
18) Benzo(a)anthracene	21.11	228	84751	1.132	ng/ul	98
19) Chrysene	21.16	228	84631	1.151	ng/ul	98
21) Benzo(b)fluoranthene	22.64	252	104287m	1.456	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	42864m	0.603	ng/ul	
23) Benzo(a)pyrene	23.18	252	68829	1.024	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.37	276	41153	0.523	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.38	278	9761	0.154	ng/ul#	92
26) Benzo(g,h,i)perylene	26.01	276	38984	0.593	ng/ul	97

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

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 14 02:51:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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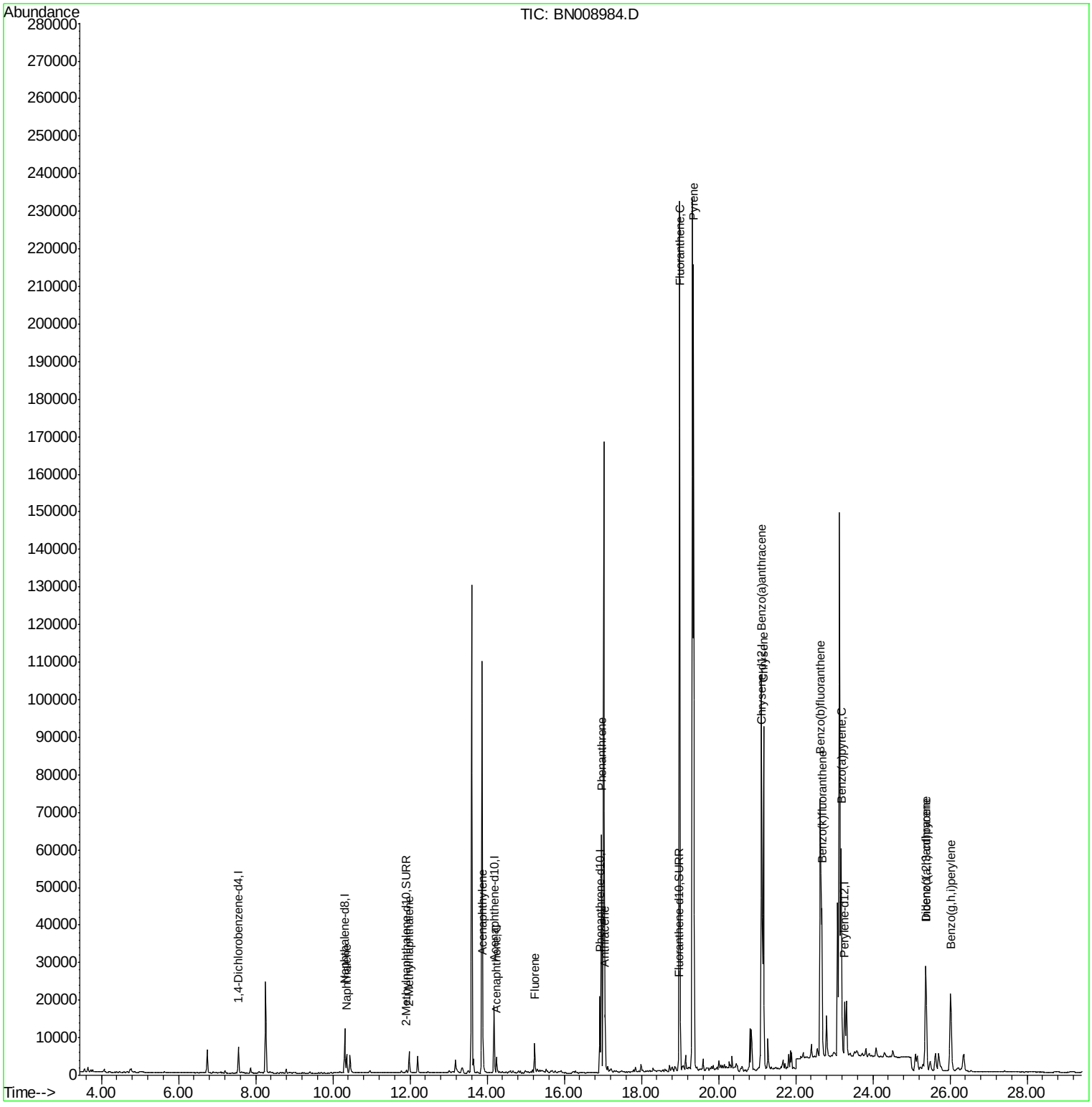
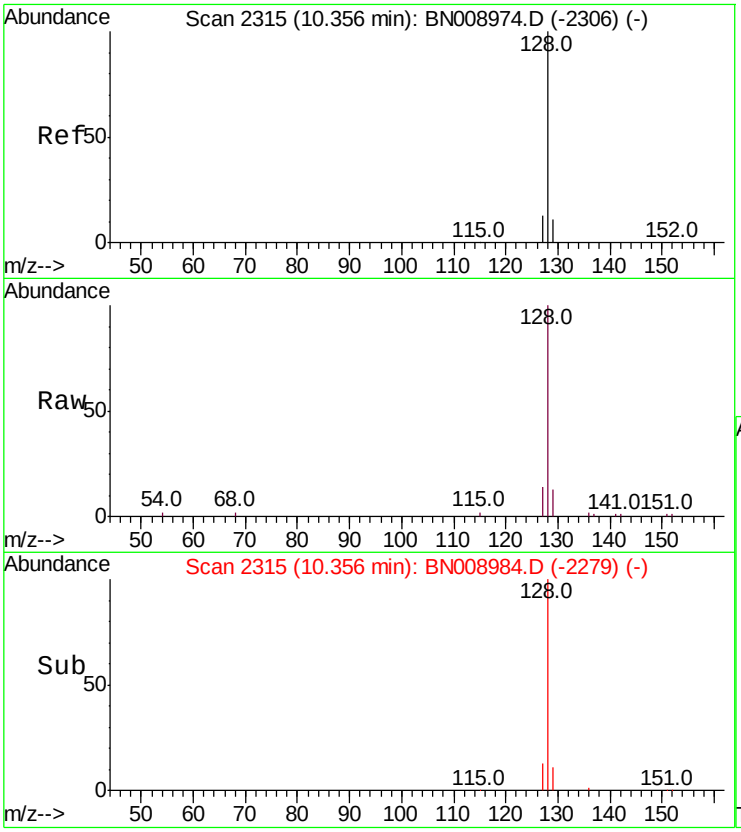
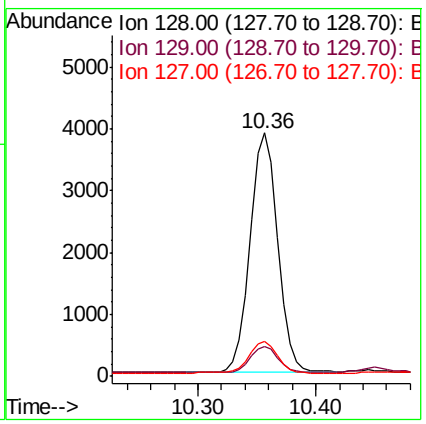




#3
Naphthalene
Concen: 0.147 ng/ul
RT: 10.36 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:128 Resp: 6366

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.1	13.7
127	14.2	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
A5167DL

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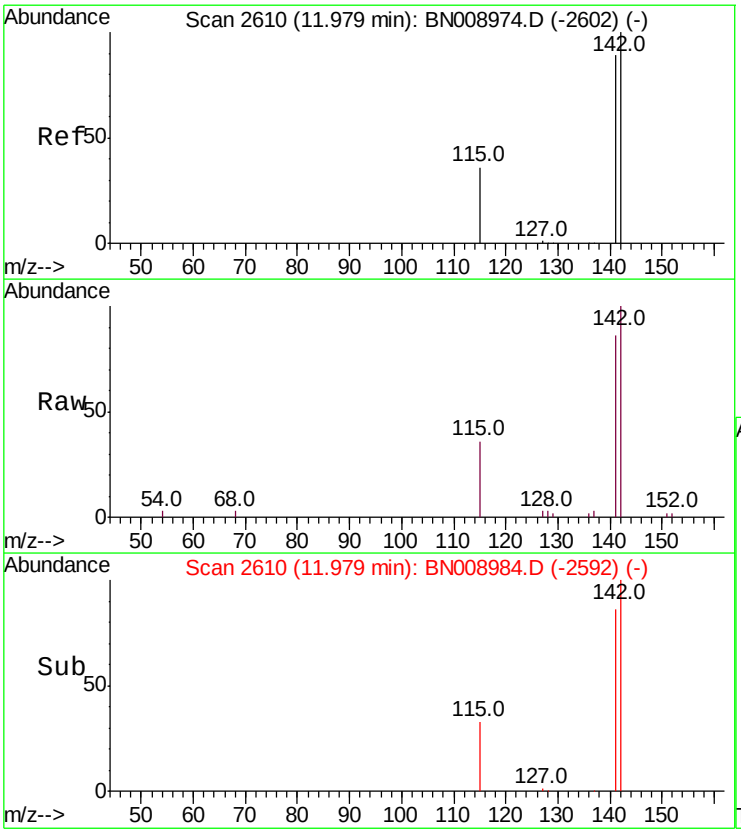
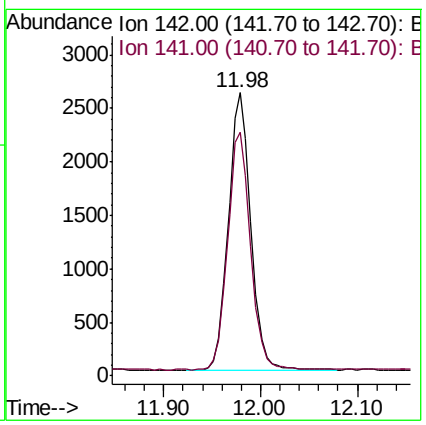
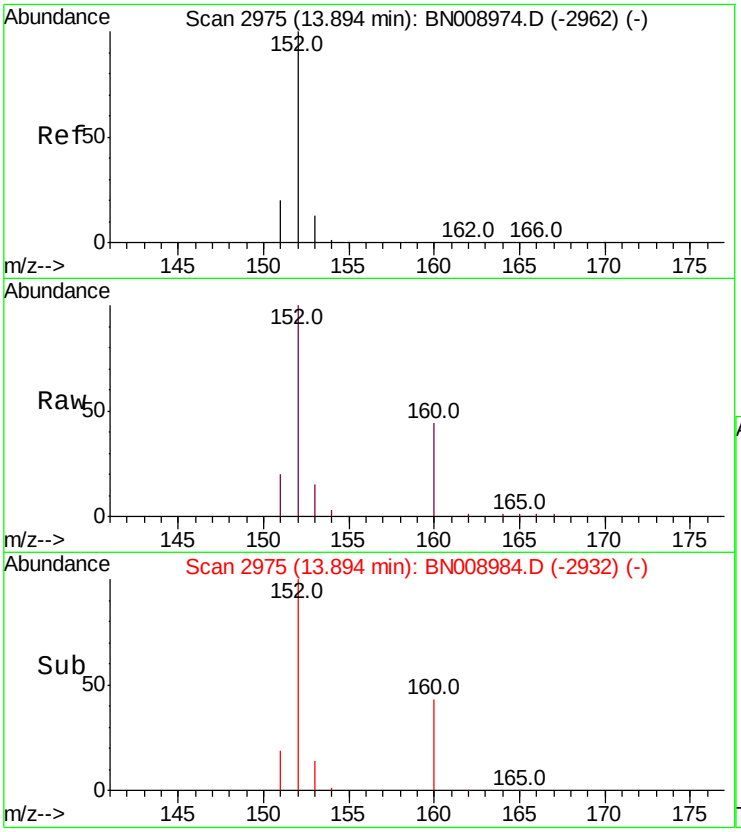


#5
2-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 11.98 min Scan# 2610
Delta R.T. 0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:142 Resp: 4171

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.1	105.1

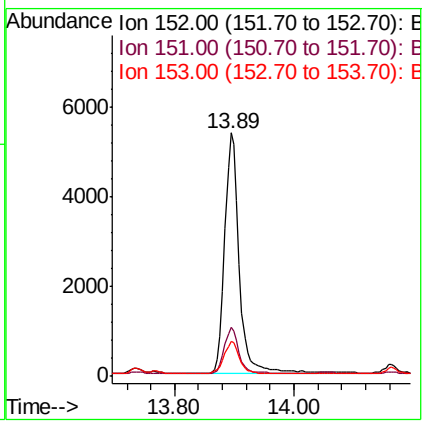




#7
Acenaphthylene
Concen: 0.176 ng/ul
RT: 13.89 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:152 Resp: 9195

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.6
153	14.5	10.6	15.8



Instrument :
BNA_N
ClientSampleId :
A5167DL

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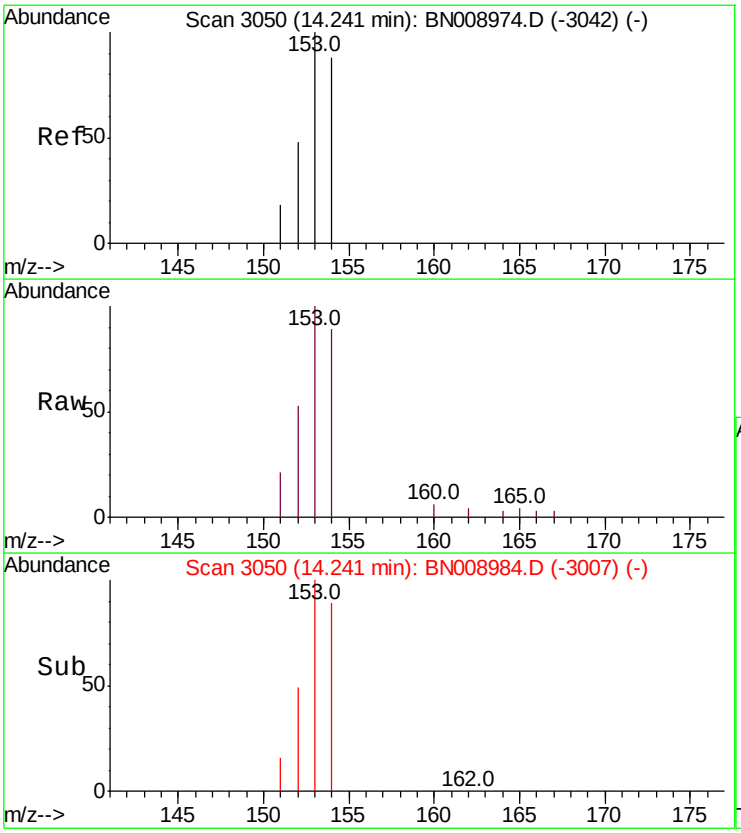
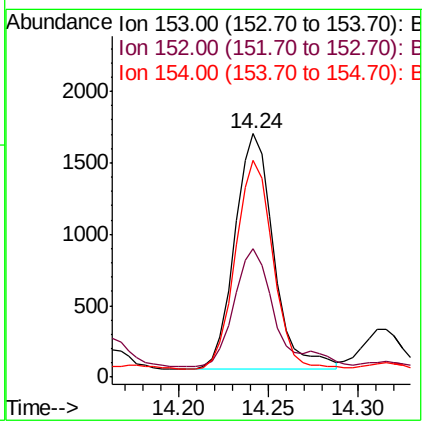
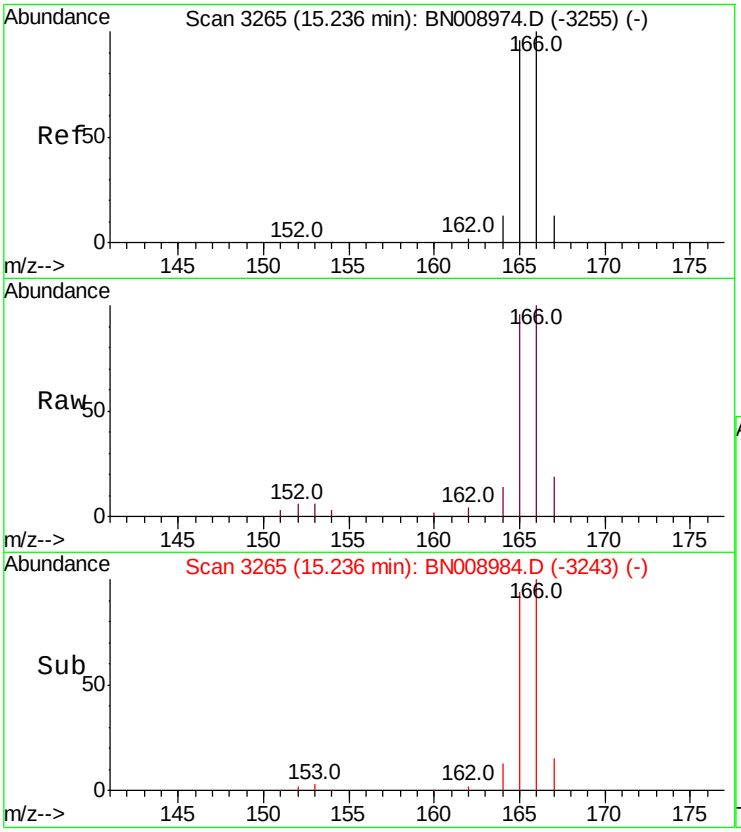


#8
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.24 min Scan# 3050
Delta R.T. 0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:153 Resp: 2489

Ion	Ratio	Lower	Upper
153	100		
152	52.6	38.6	58.0
154	89.1	70.6	105.8

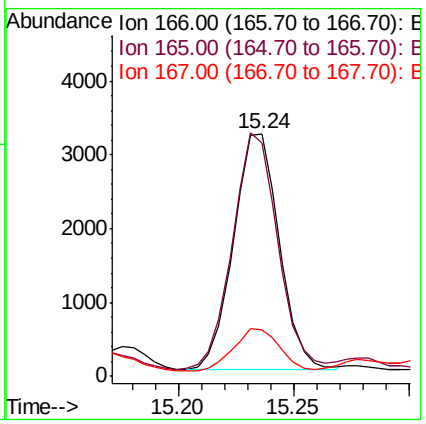




#9
Fluorene
Concen: 0.098 ng/ul
RT: 15.24 min Scan# 3265
Delta R.T. 0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:166 Resp: 4449

Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.7	116.5
167	19.2	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
A5167DL

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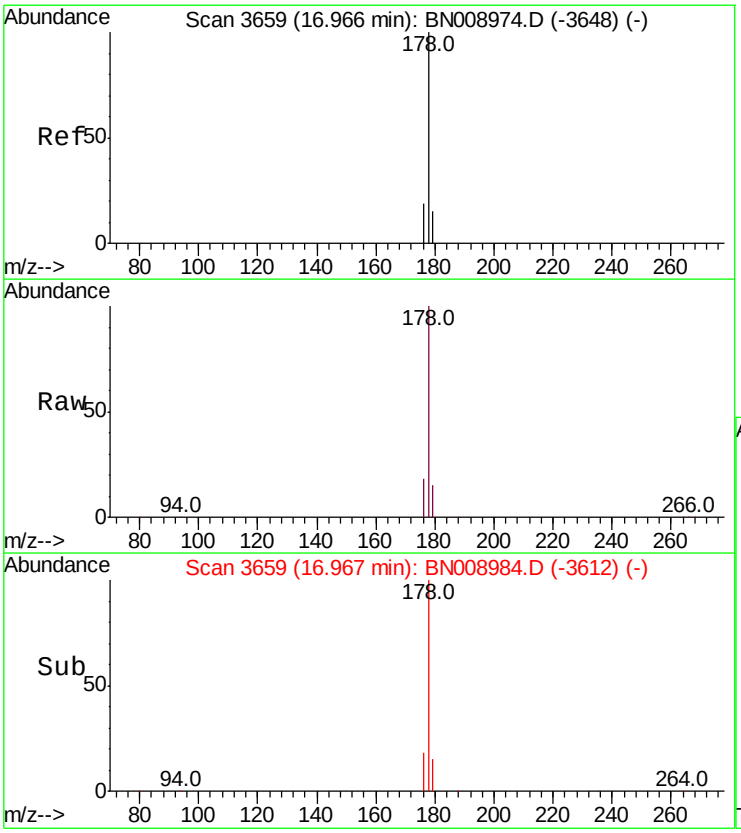
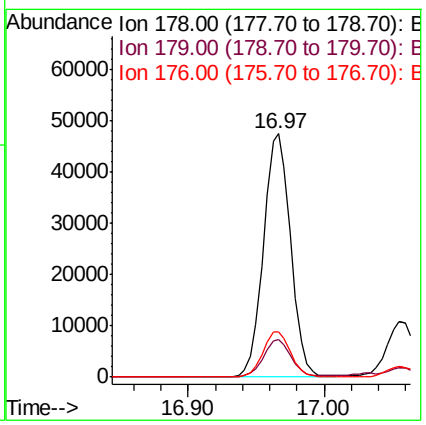
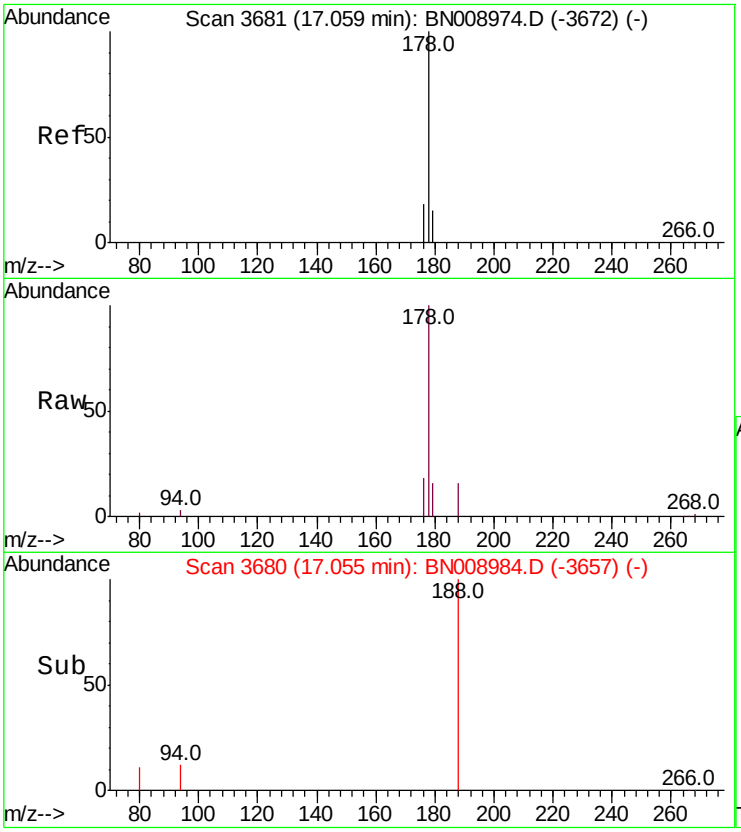


#12
Phenanthrene
Concen: 0.902 ng/ul
RT: 16.97 min Scan# 3659
Delta R.T. 0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:178 Resp: 66339

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.4	15.3	22.9

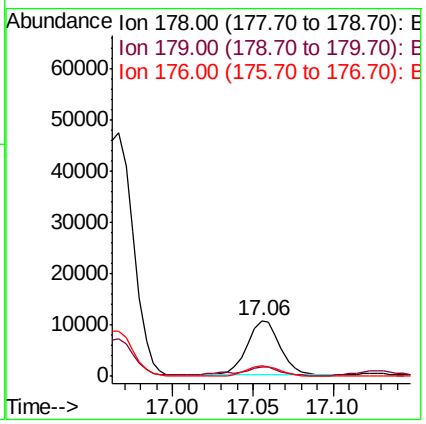




#13
Anthracene
Concen: 0.218 ng/ul
RT: 17.06 min Scan# 3680
Delta R.T. -0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:178 Resp: 15125

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.4
176	18.5	14.7	22.1



Instrument :
BNA_N
ClientSampleId :
A5167DL

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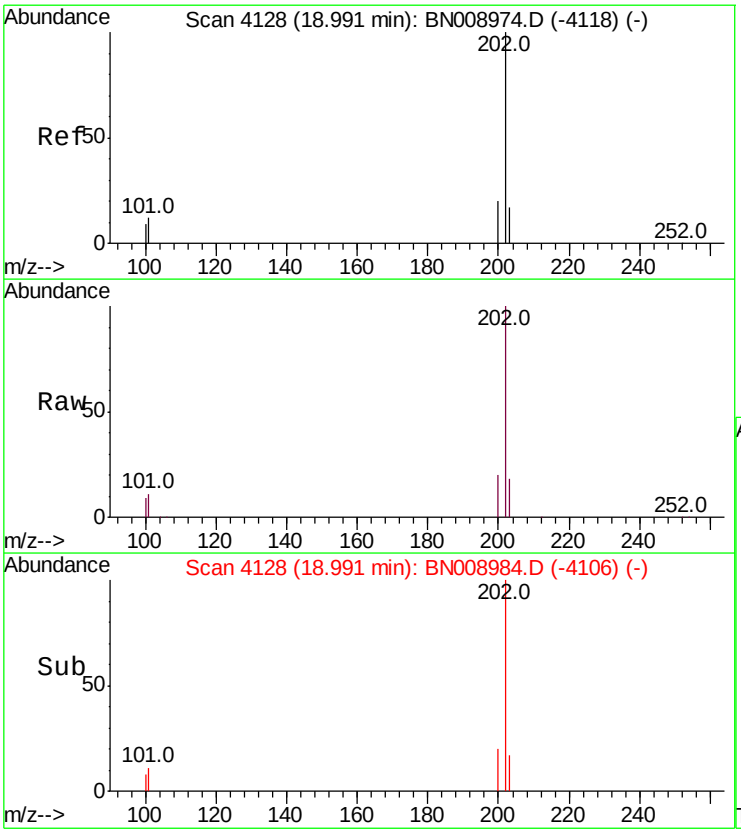
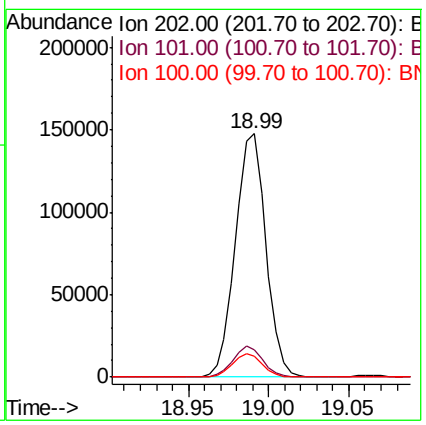
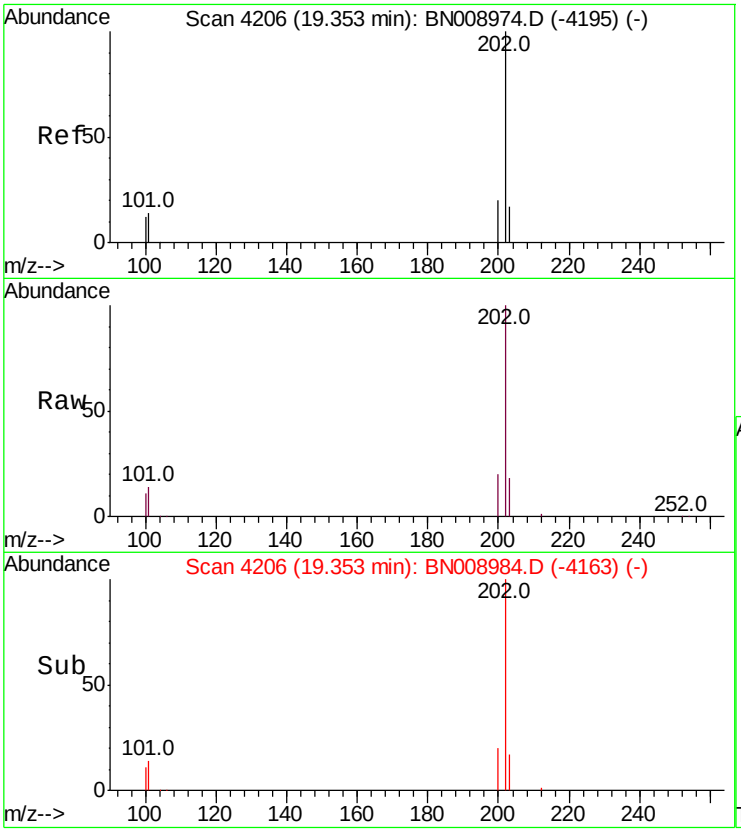


#15
Fluoranthene
Concen: 2.148 ng/ul
RT: 18.99 min Scan# 4128
Delta R.T. 0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:202 Resp: 194208

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.4
100	8.5	0.0	29.2





#17
Pyrene
Concen: 2.243 ng/ul
RT: 19.35 min Scan# 4206
Delta R.T. 0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:202 Resp: 167493

Ion	Ratio	Lower	Upper
202	100		
101	13.7	12.2	18.4
100	11.1	9.5	14.3

Instrument :
BNA_N
ClientSampleId :
A5167DL

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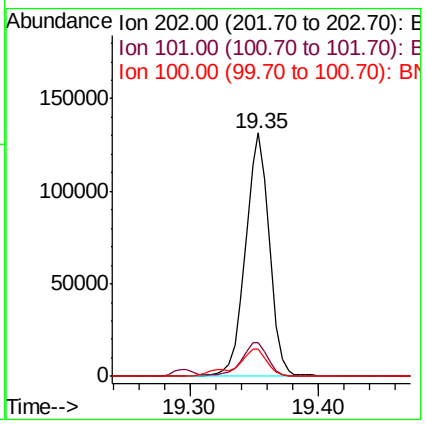
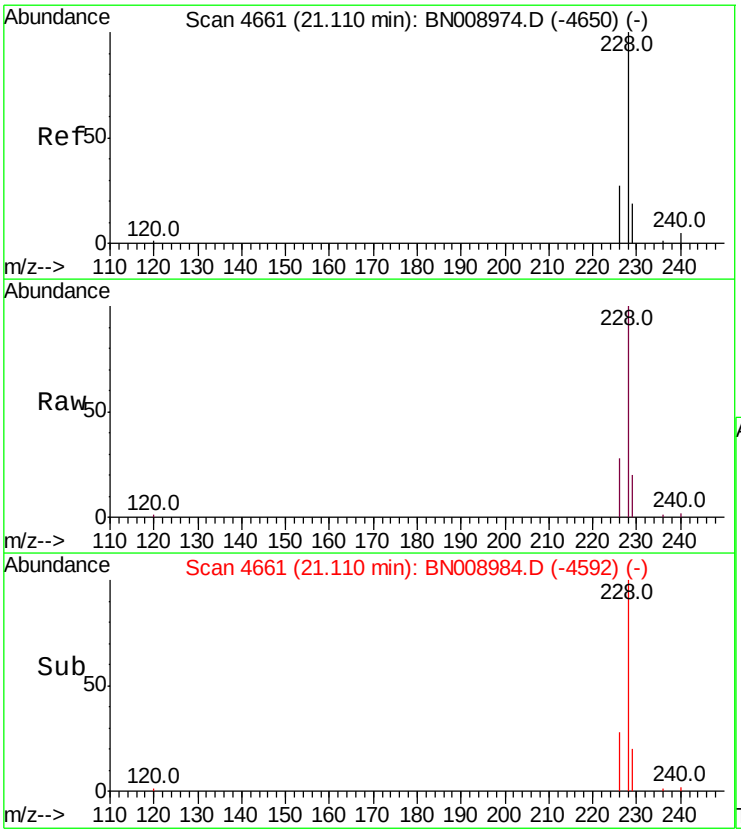
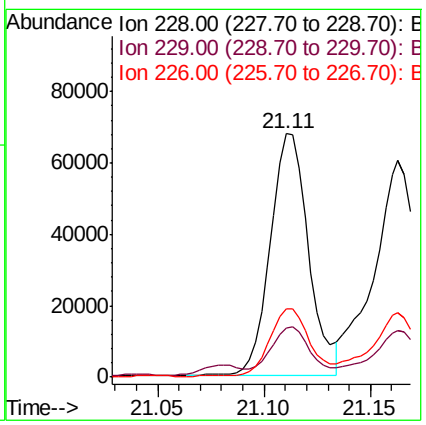


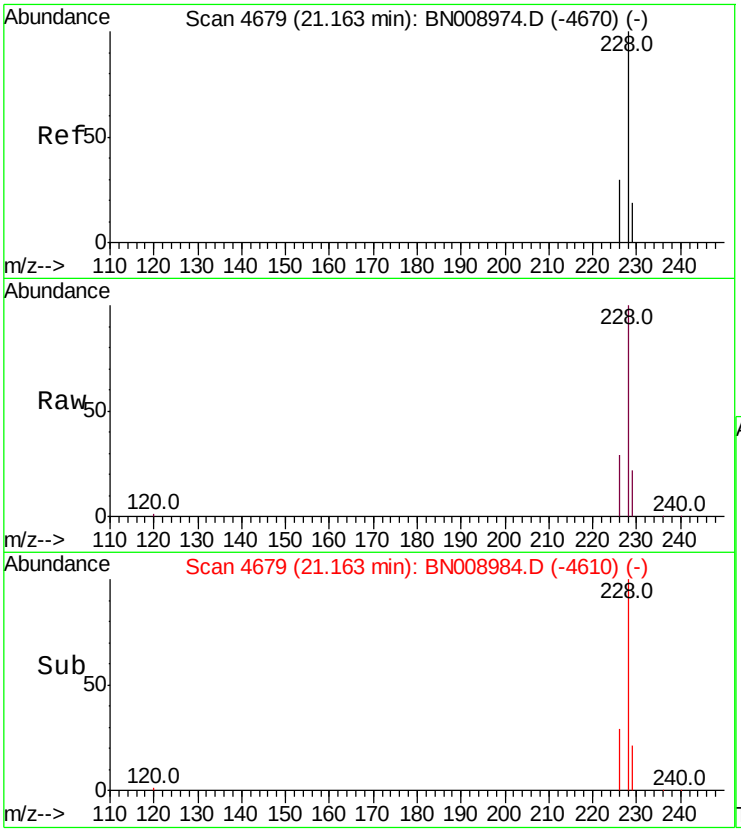


#18
Benzo(a)anthracene
Concen: 1.132 ng/ul
RT: 21.11 min Scan# 4661
Delta R.T. 0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:228 Resp: 84751

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	28.2	21.5	32.3

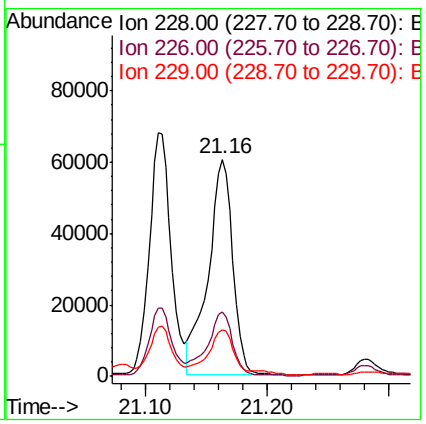




#19
Chrysene
Concen: 1.151 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. 0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:228 Resp: 84631

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.6
229	21.7	15.6	23.4



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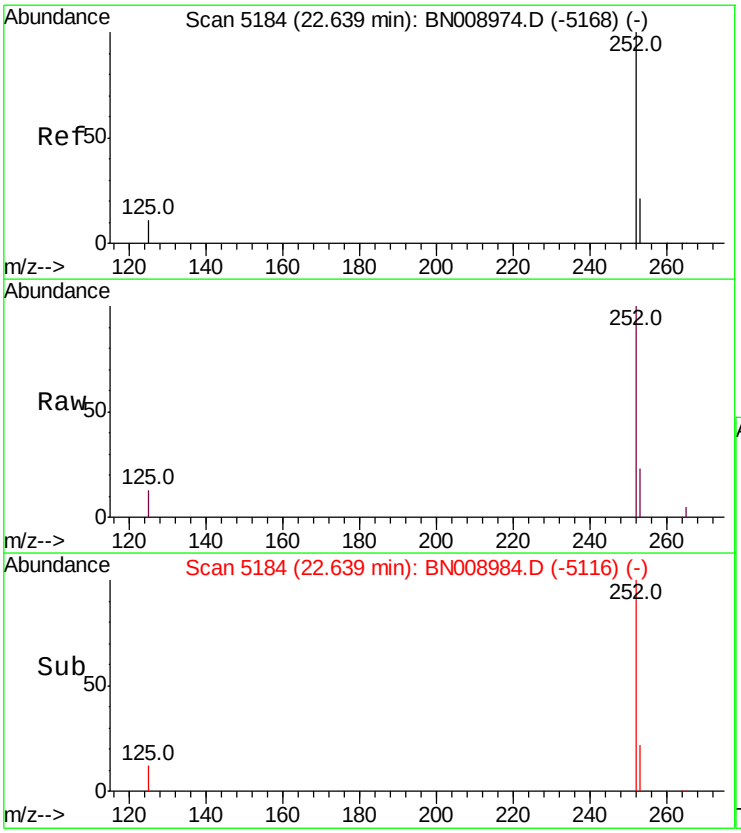
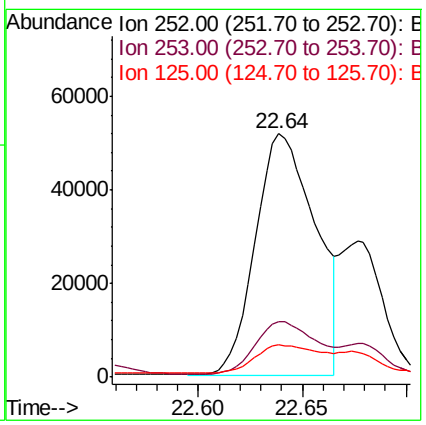
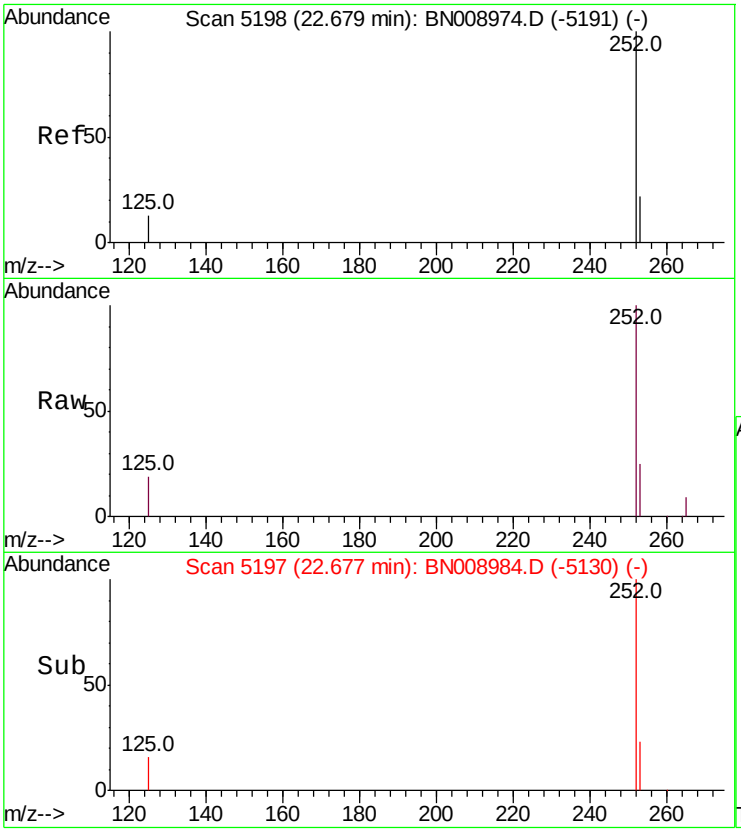


#21
Benzo(b)fluoranthene
Concen: 1.456 ng/ul m
RT: 22.64 min Scan# 5184
Delta R.T. 0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:252 Resp: 104287

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	48.6
125	13.2	0.0	31.6

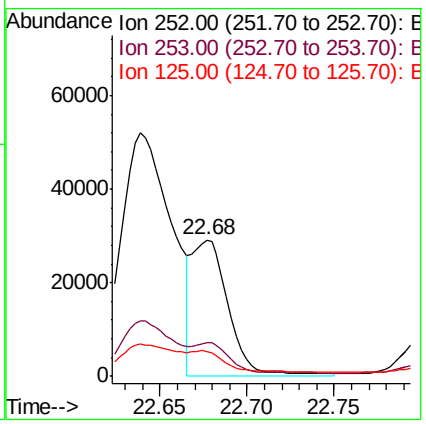




#22
Benzo(k)fluoranthene
Concen: 0.603 ng/ul m
RT: 22.68 min Scan# 5197
Delta R.T. -0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:252 Resp: 42864

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.6	29.4
125	18.5	13.8	20.6



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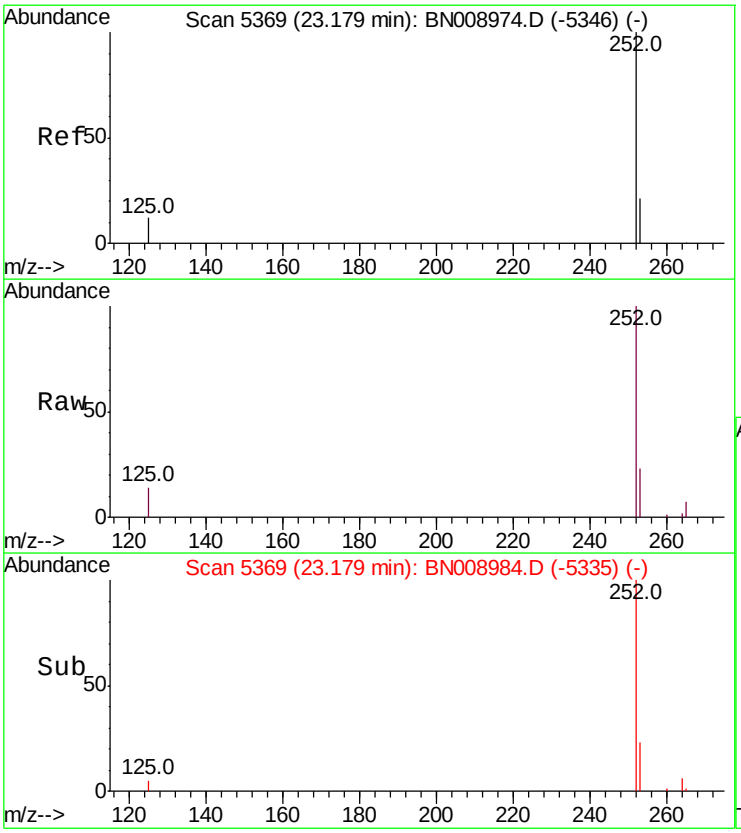
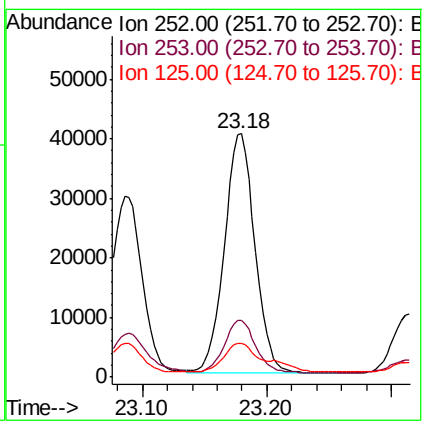
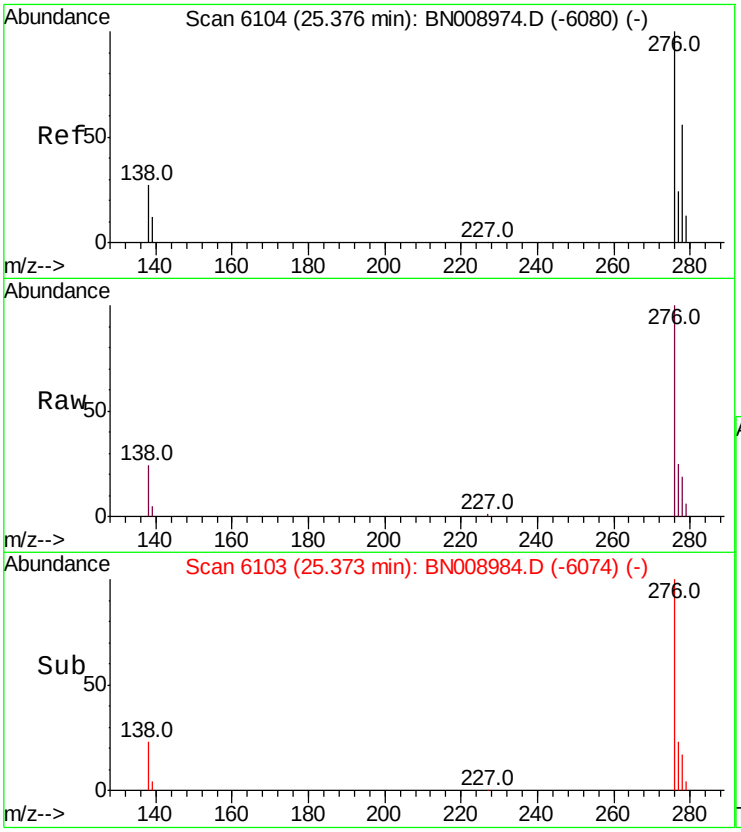


#23
Benzo(a)pyrene
Concen: 1.024 ng/ul
RT: 23.18 min Scan# 5369
Delta R.T. 0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:252 Resp: 68829

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.9	29.9
125	14.0	14.6	22.0#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.523 ng/ul
RT: 25.37 min Scan# 6103
Delta R.T. -0.00 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:276 Resp: 41153

Ion	Ratio	Lower	Upper
276	100		
138	24.6	23.8	35.6
227	0.3	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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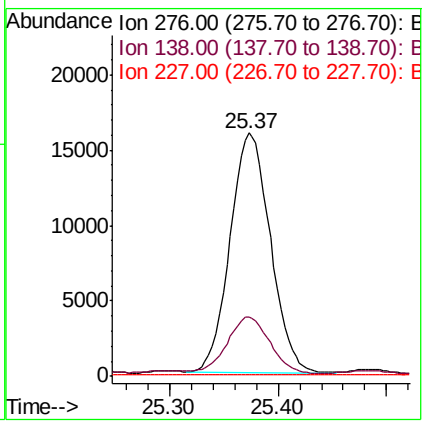
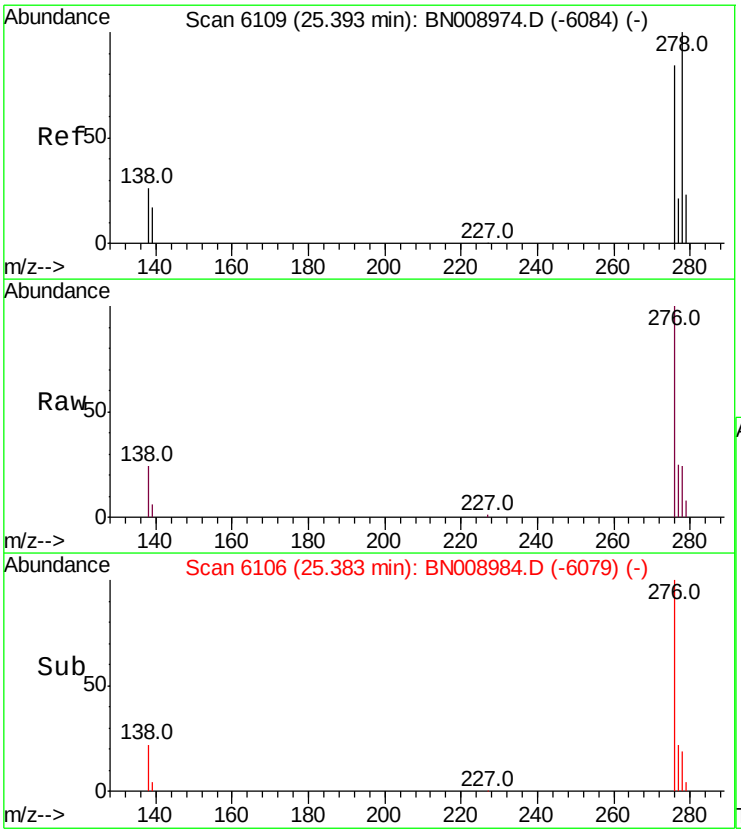
12/16/2019 12:24:18 PM

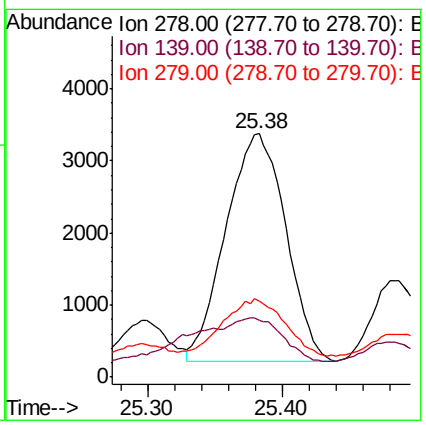


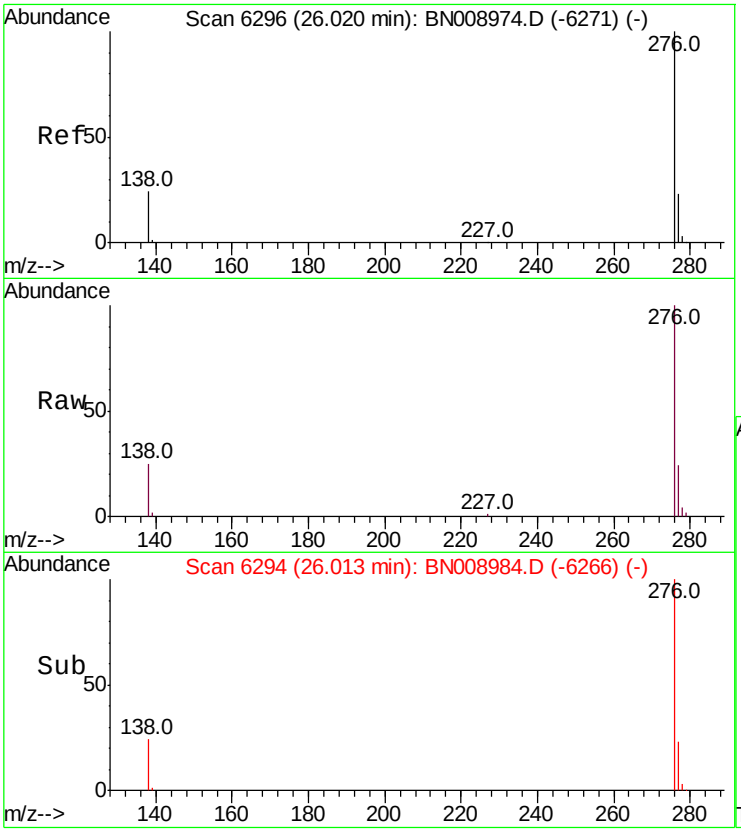


#25
Dibenzo(a,h)anthracene
Concen: 0.154 ng/ul
RT: 25.38 min Scan# 6106
Delta R.T. -0.01 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:278 Resp: 9761

Ion	Ratio	Lower	Upper
278	100		
139	23.5	17.4	26.0
279	31.2	20.5	30.7#

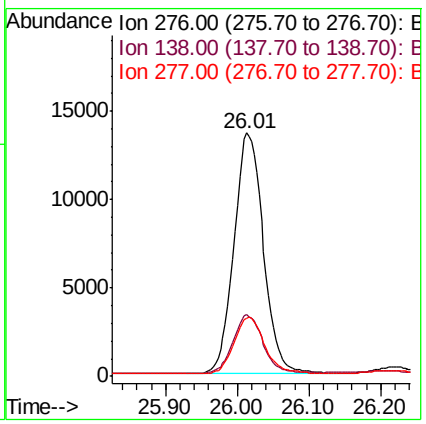




#26
Benzo(g,h,i)perylene
Concen: 0.593 ng/ul
RT: 26.01 min Scan# 6294
Delta R.T. -0.01 min
Lab File: BN008984.D
Acq: 14 Dec 2019 01:34

Tgt Ion:276 Resp: 38984

Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.9	32.9
277	24.1	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
A5167DL

Manual Integrations APPROVED
mohammad
12/16/2019 12:24:18 PM