Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
Data File : BN008485.D
Acq On : 07 Nov 2019 15:14
Operator : JU
Sample : K5565-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLNA0

Manual Integrations APPROVED
mohammad
11/11/2019 8:08:01 AM

Quant Time: Nov 08 06:14:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 05:42:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	1370	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.31	136	5512	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	2868	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5173	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	4229	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	4118m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	1452	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	3065	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	1041	0.066	ng/ul#	84
5) 2-Methylnaphthalene	12.00	142	284	0.027	ng/ul	97
8) Acenaphthene	14.25	153	1165	0.108	ng/ul	98
9) Fluorene	15.25	166	1509	0.127	ng/ul#	98
12) Phenanthrene	16.98	178	10234	0.651	ng/ul	100
13) Anthracene	17.07	178	2161	0.157	ng/ul#	91
15) Fluoranthene	19.01	202	11552	0.641	ng/ul	97
17) Pyrene	19.37	202	11355	0.550	ng/ul	96
18) Benzo(a)anthracene	21.14	228	3699m	0.251	ng/ul	
19) Chrysene	21.19	228	4451	0.237	ng/ul	96
21) Benzo(b)fluoranthene	22.69	252	5215m	0.340	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	1833m	0.105	ng/ul	
23) Benzo(a)pyrene	23.23	252	4009	0.259	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.47	276	2449	0.139	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.47	278	494	0.035	ng/ul#	6
26) Benzo(g,h,i)perylene	26.12	276	2561	0.163	ng/ul#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
Data File : BN008485.D
Acq On : 07 Nov 2019 15:14
Operator : JU
Sample : K5565-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 08 06:14:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 05:42:36 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLNA0

Manual Integrations APPROVED
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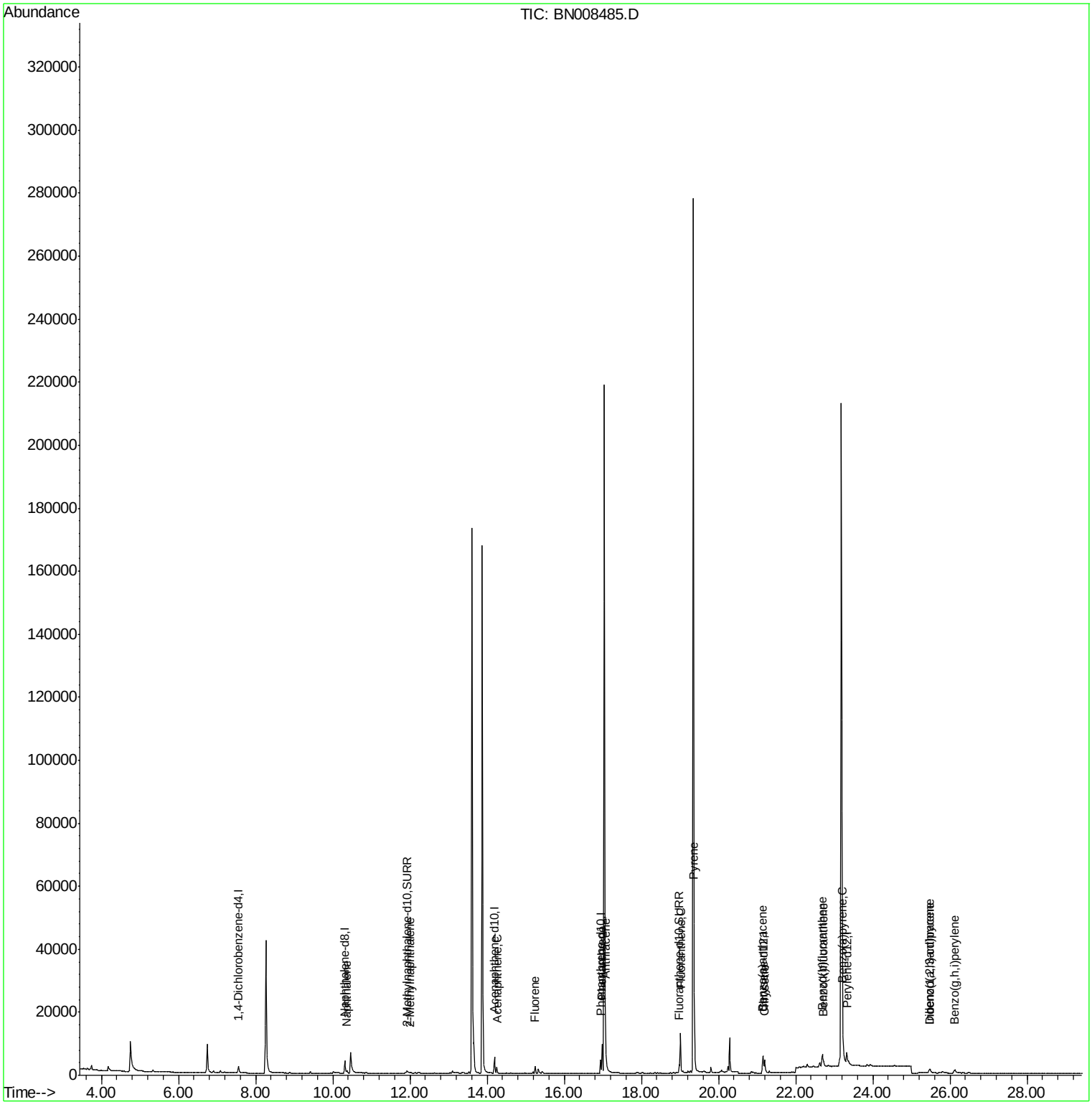

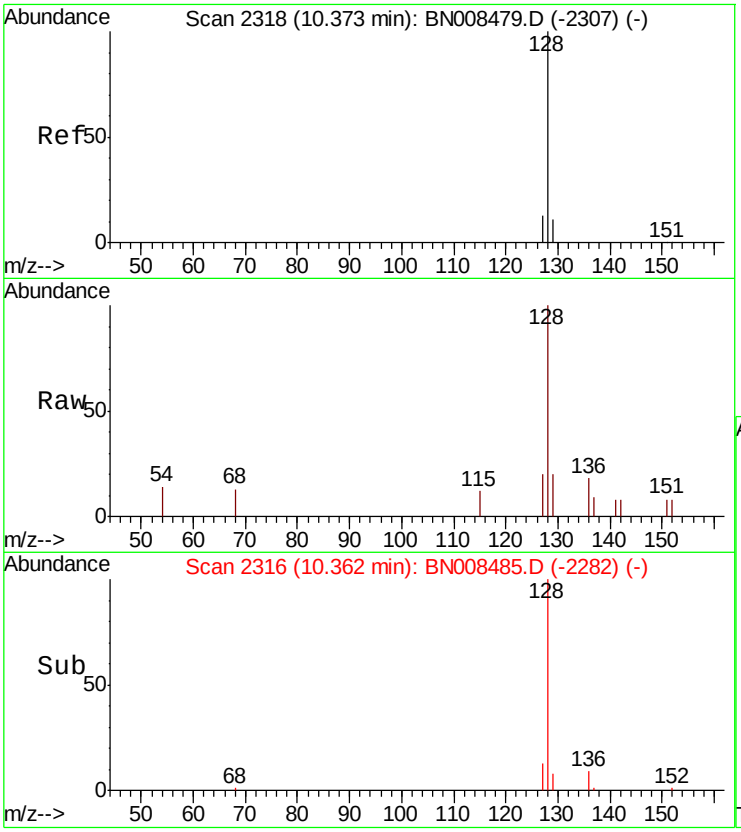

#3
Naphthalene
Concen: 0.066 ng/ul
RT: 10.36 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:128 Resp: 1041

Ion	Ratio	Lower	Upper
128	100		
129	20.4	10.0	15.0#
127	19.6	11.6	17.4#

Instrument :
BNA_N
ClientSampleId :
JLNA0

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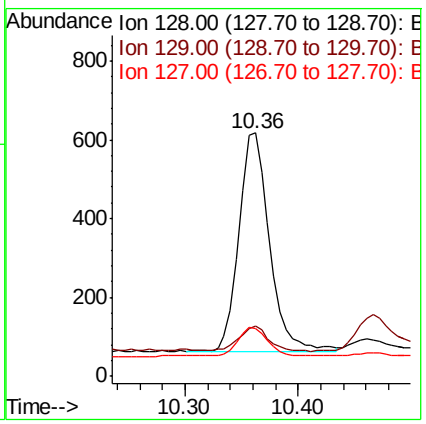
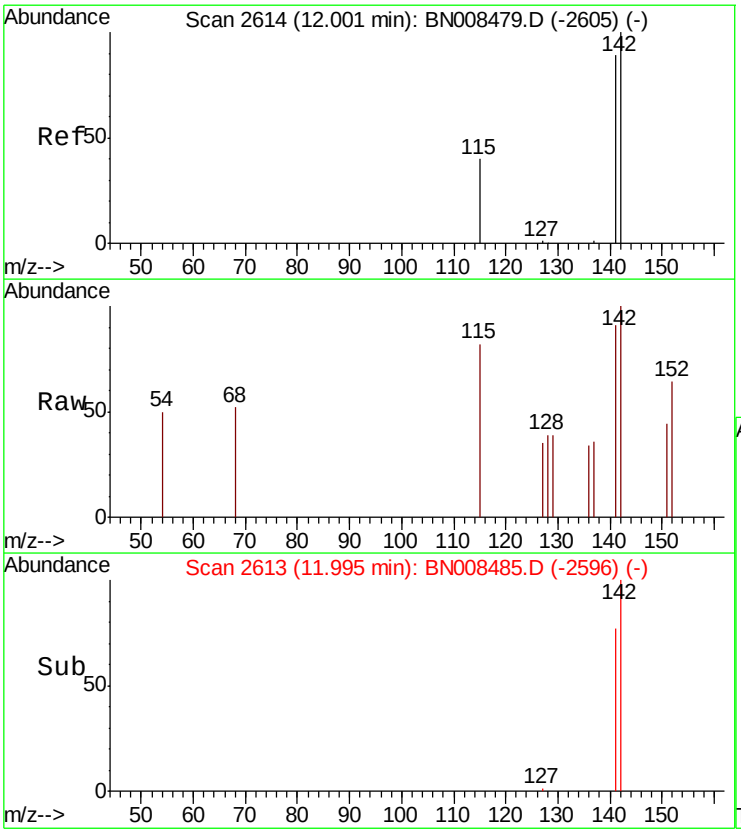
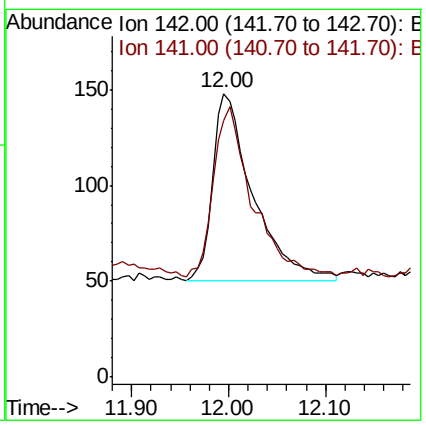


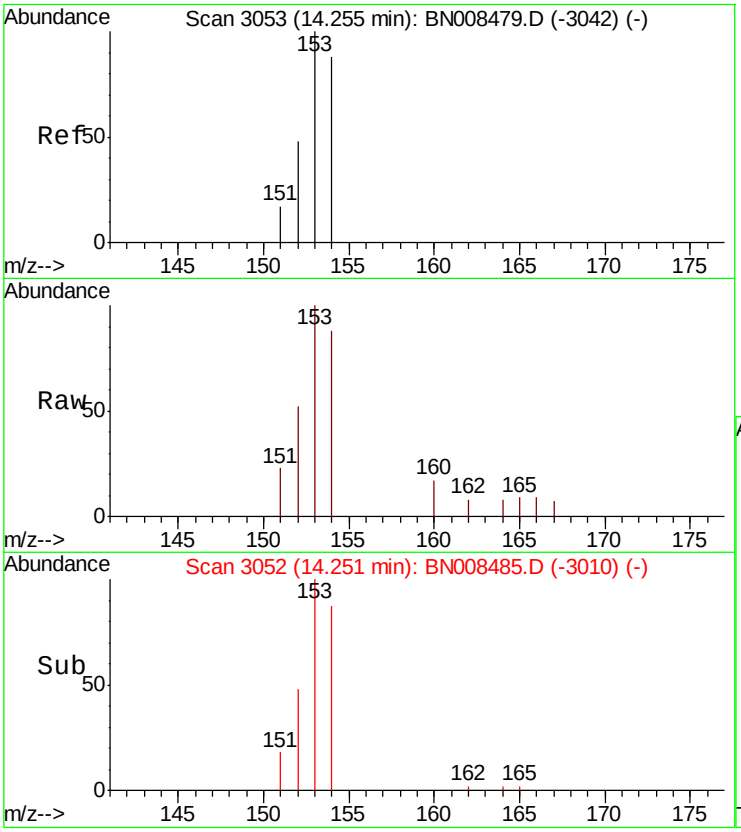


#5
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.00 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:142 Resp: 284

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.8	109.2





#8
Acenaphthene
Concen: 0.108 ng/ul
RT: 14.25 min Scan# 3052
Delta R.T. -0.00 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:153 Resp: 1165

Ion	Ratio	Lower	Upper
153	100		
152	51.9	39.8	59.8
154	88.0	71.6	107.4

Instrument :
BNA_N
ClientSampleId :
JLNA0

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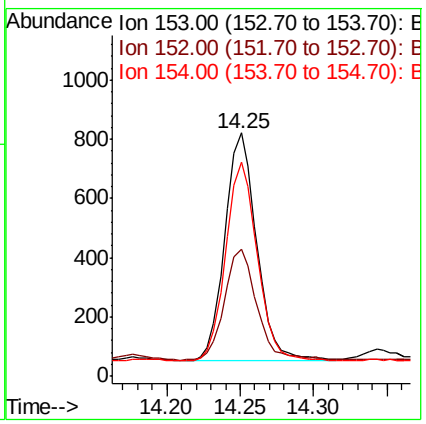
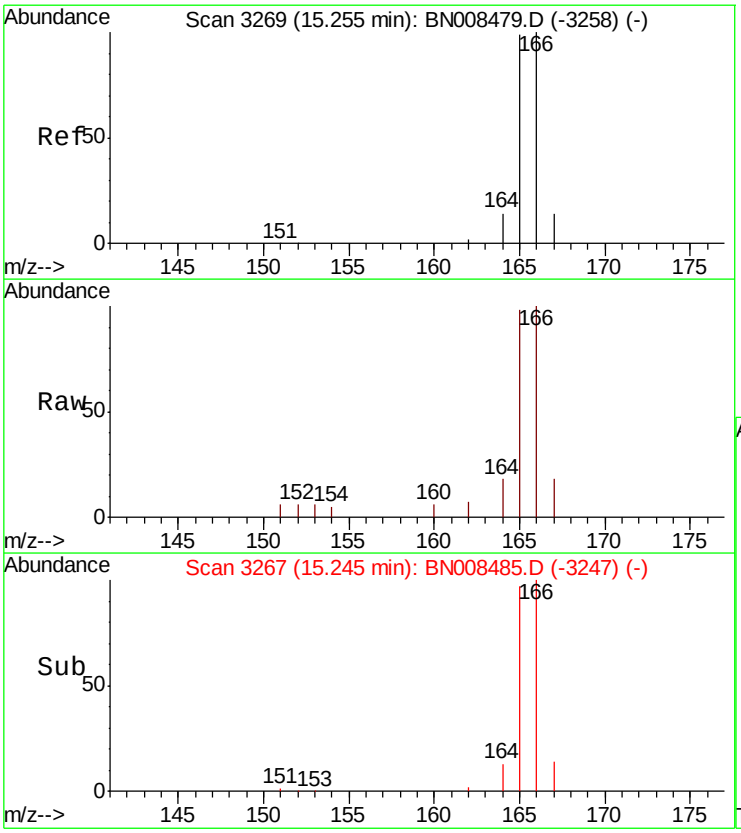
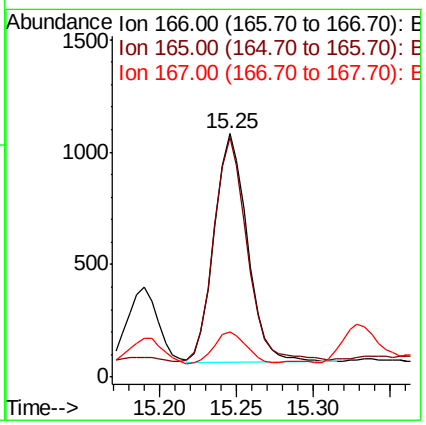


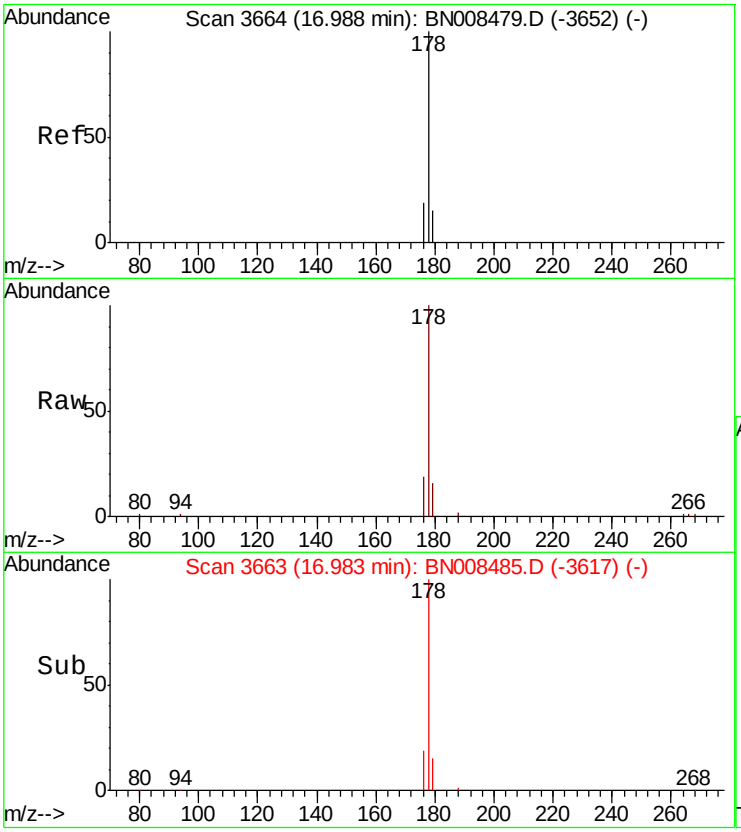


#9
Fluorene
Concen: 0.127 ng/ul
RT: 15.25 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:166 Resp: 1509

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.2
167	18.4	12.1	18.1#

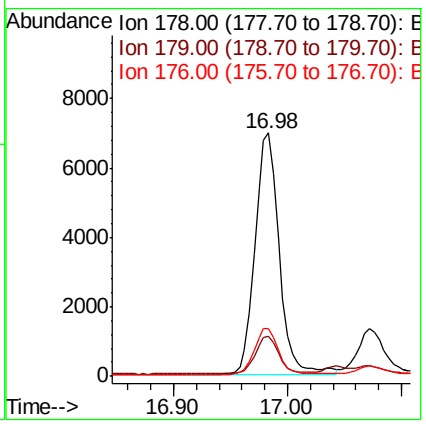




#12
Phenanthrene
Concen: 0.651 ng/ul
RT: 16.98 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:178 Resp: 10234

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.2	19.8
176	19.4	15.6	23.4



Instrument :
BNA_N
ClientSampleId :
JLNA0

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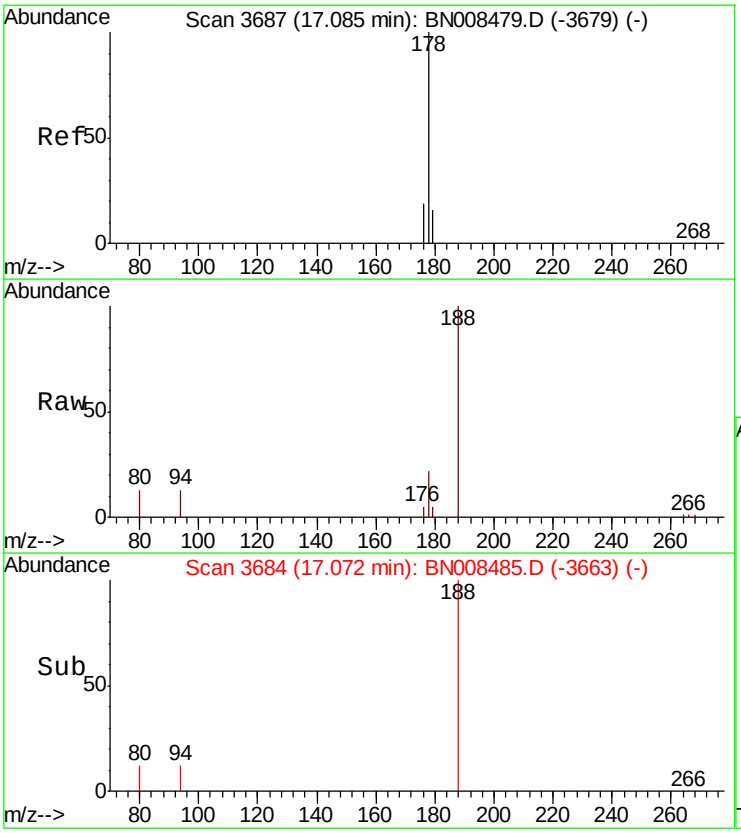
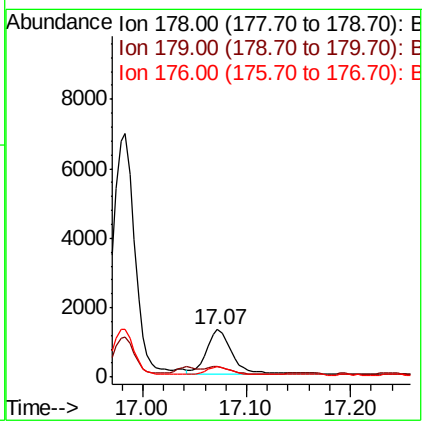
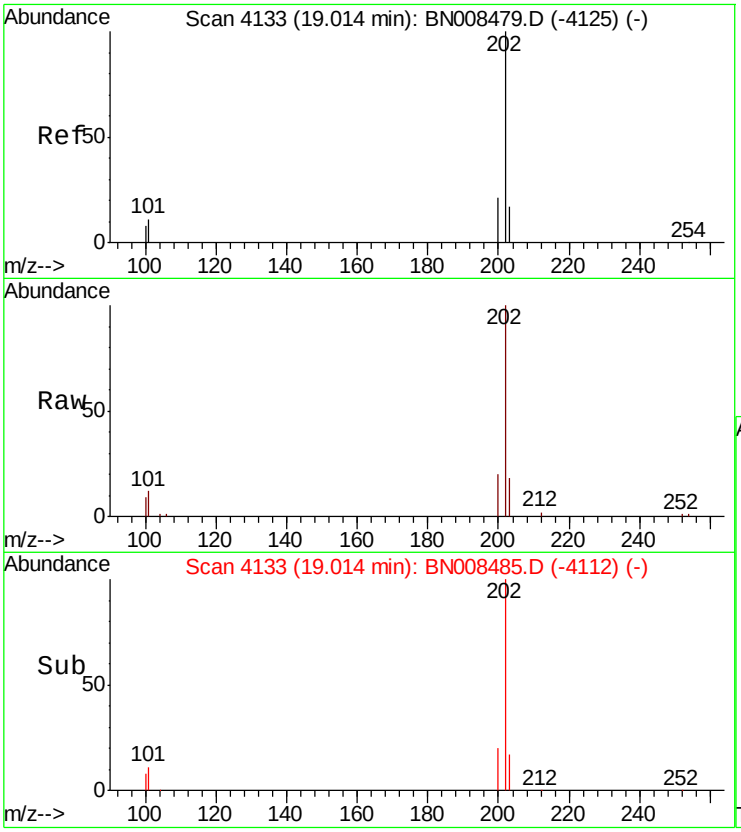


#13
Anthracene
Concen: 0.157 ng/ul
RT: 17.07 min Scan# 3684
Delta R.T. -0.01 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:178 Resp: 2161

Ion	Ratio	Lower	Upper
178	100		
179	22.4	13.7	20.5#
176	22.2	15.7	23.5

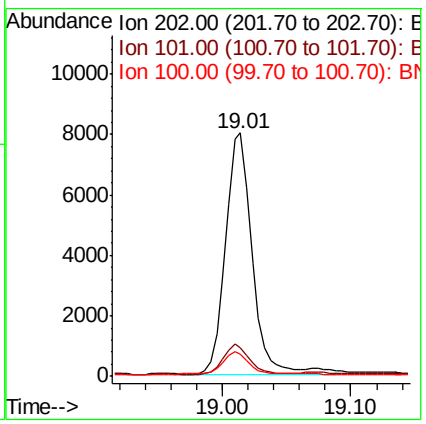




#15
Fluoranthene
Concen: 0.641 ng/ul
RT: 19.01 min Scan# 4133
Delta R.T. -0.00 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:202 Resp: 11552

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.0
100	8.9	0.0	30.2



Instrument :
BNA_N
ClientSampleId :
JLNA0

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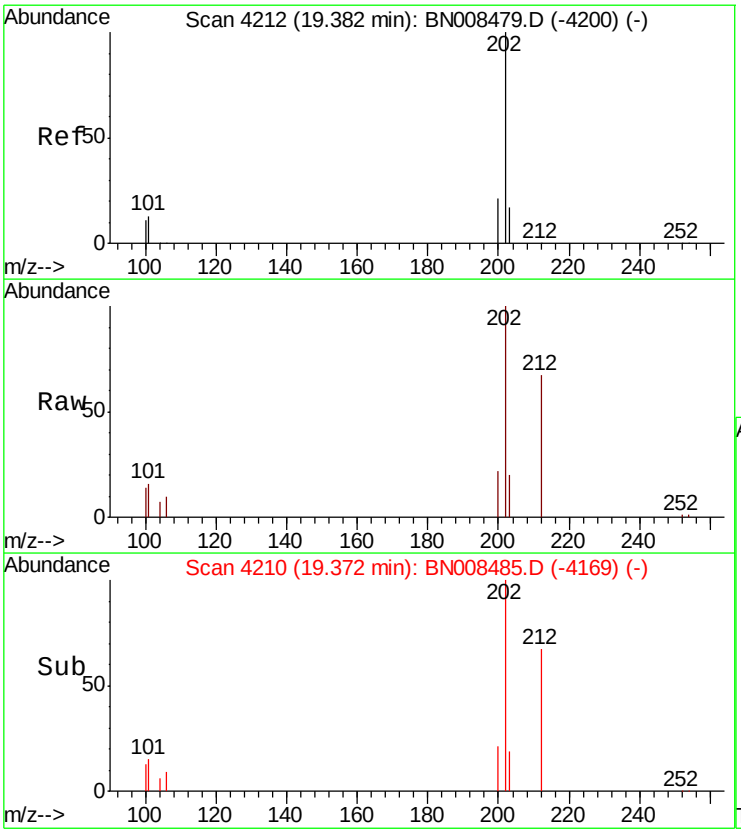
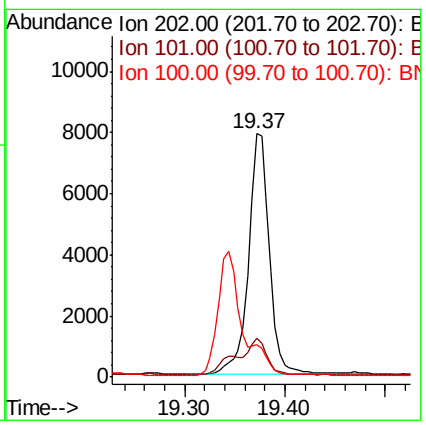
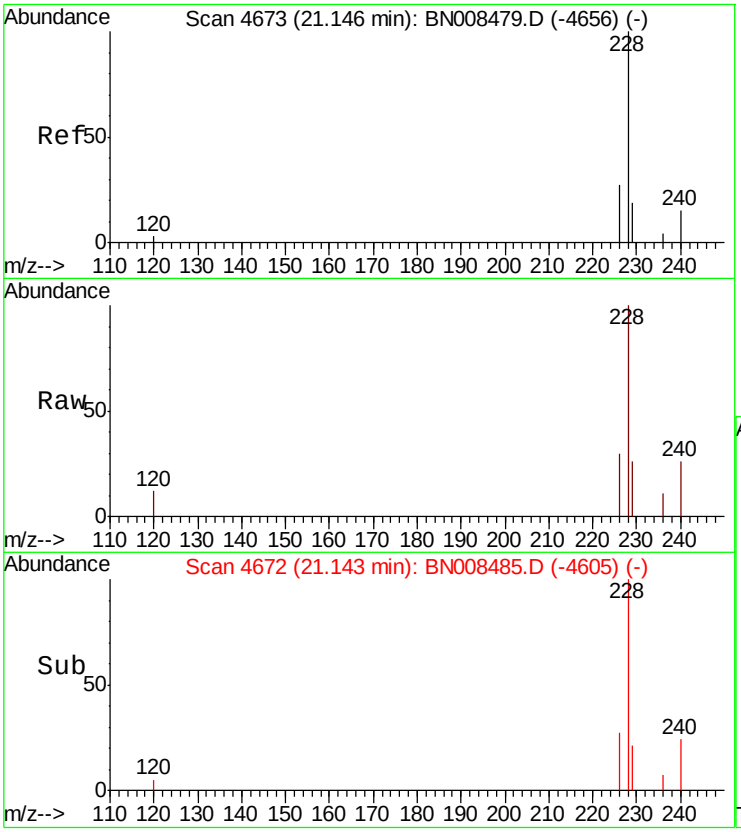


#17
Pyrene
Concen: 0.550 ng/ul
RT: 19.37 min Scan# 4210
Delta R.T. -0.01 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:202 Resp: 11355

Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.6	17.4
100	13.6	9.4	14.0

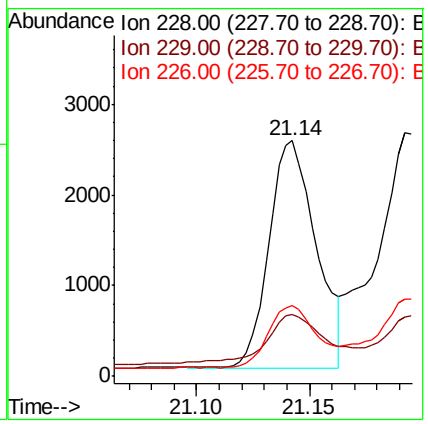




#18
Benzo(a)anthracene
Concen: 0.251 ng/ul m
RT: 21.14 min Scan# 4672
Delta R.T. -0.00 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:228 Resp: 3699

Ion	Ratio	Lower	Upper
228	100		
229	26.4	16.6	24.8#
226	29.9	22.8	34.2



Instrument :
BNA_N
ClientSampleId :
JLNA0

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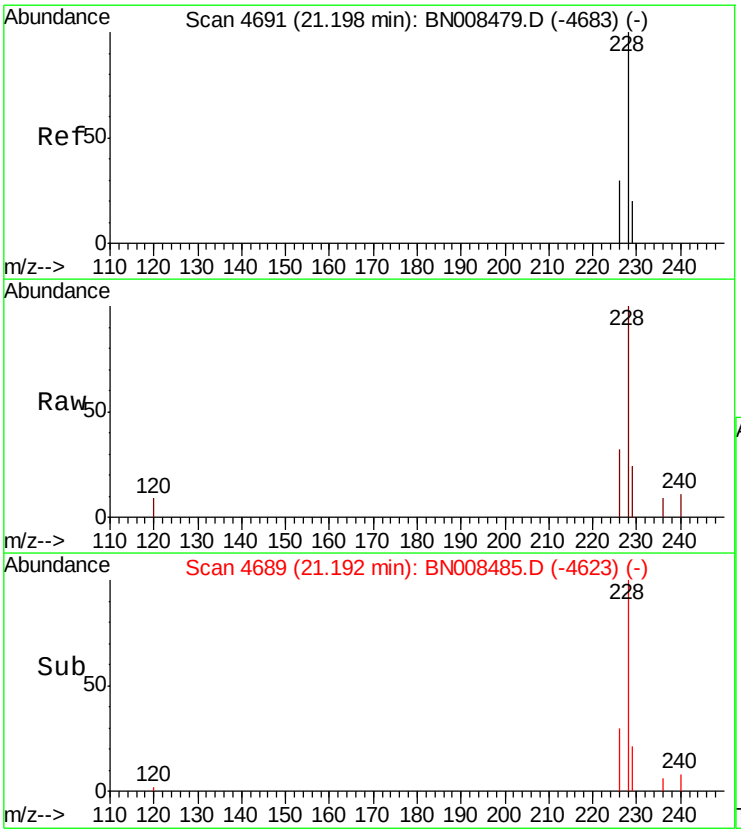
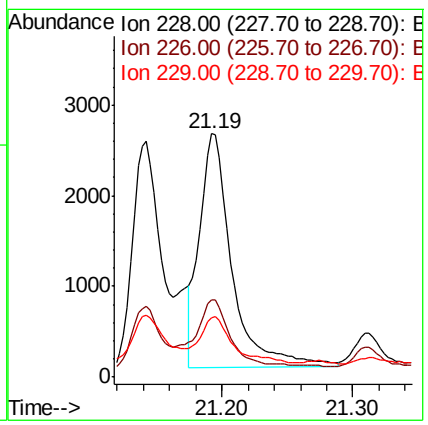
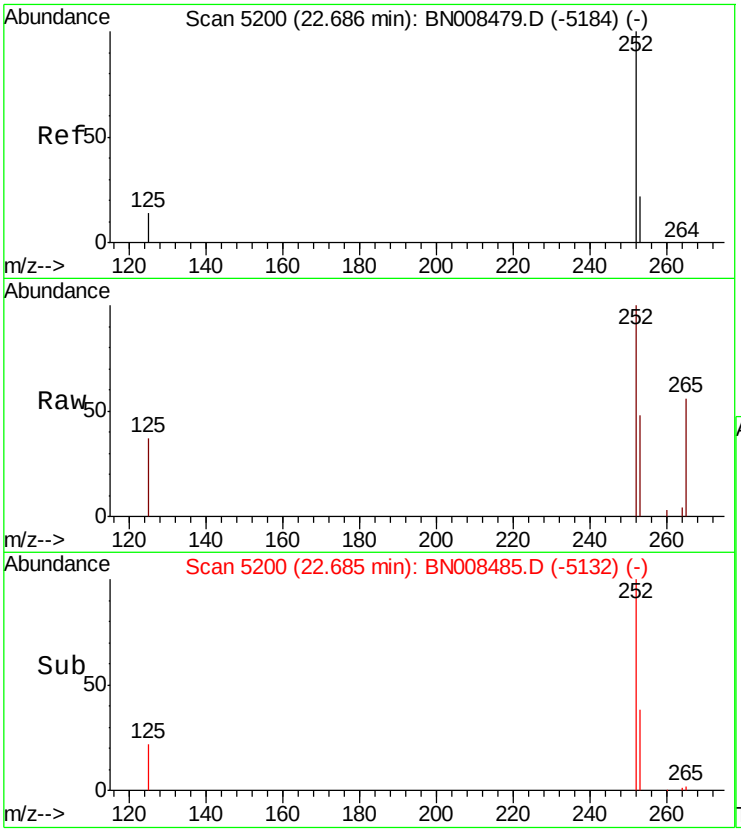


#19
Chrysene
Concen: 0.237 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:228 Resp: 4451

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	24.5	16.6	25.0

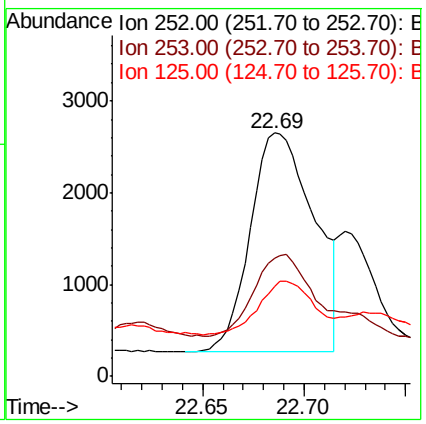




#21
Benzo(b)fluoranthene
Concen: 0.340 ng/ul m
RT: 22.69 min Scan# 5200
Delta R.T. -0.00 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:252 Resp: 5215

Ion	Ratio	Lower	Upper
252	100		
253	48.3	0.0	58.4
125	36.8	0.0	58.6



Instrument :
BNA_N
ClientSampleId :
JLNA0

Manual Integrations APPROVED
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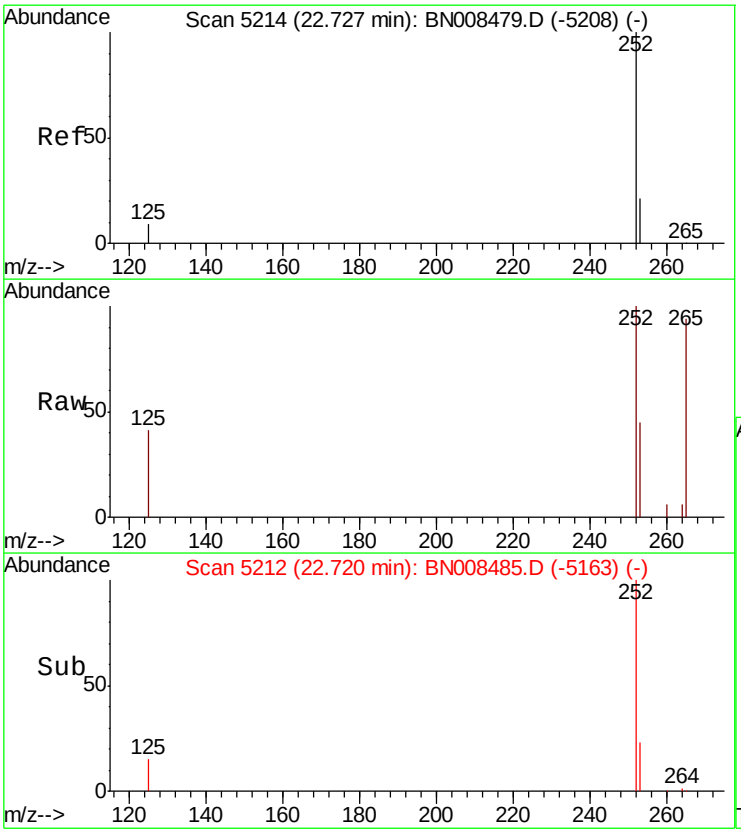
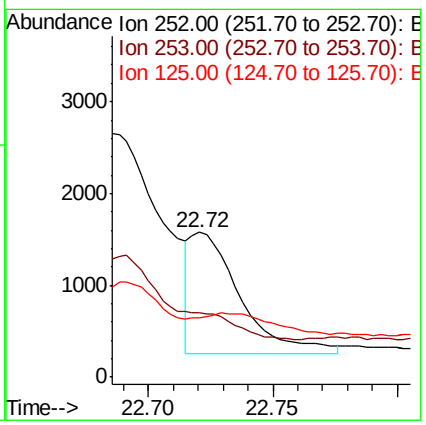
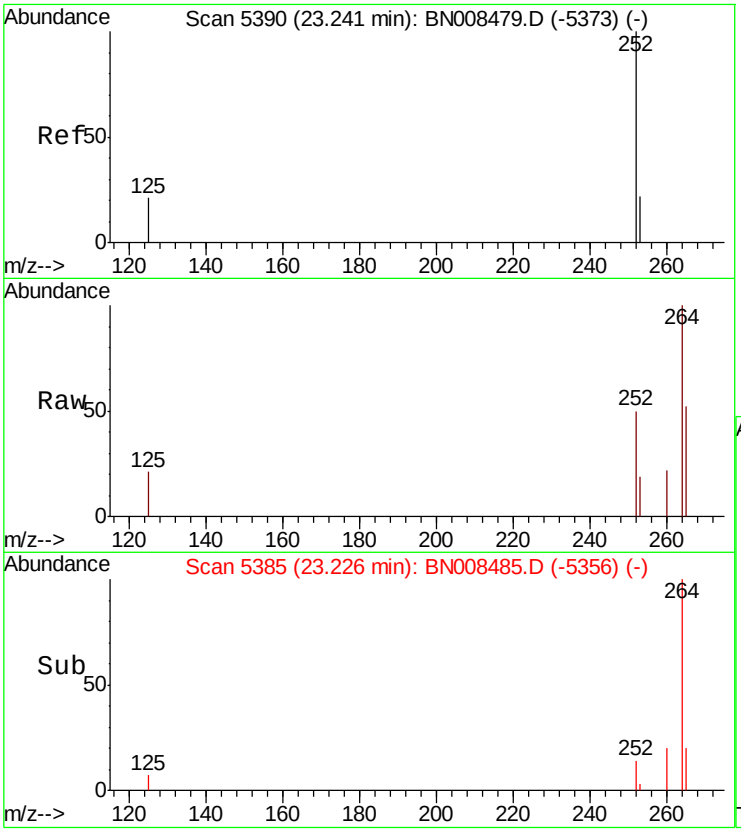


#22
Benzo(k)fluoranthene
Concen: 0.105 ng/ul m
RT: 22.72 min Scan# 5212
Delta R.T. -0.01 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:252 Resp: 1833

Ion	Ratio	Lower	Upper
252	100		
253	44.5	22.6	34.0#
125	41.2	14.7	22.1#

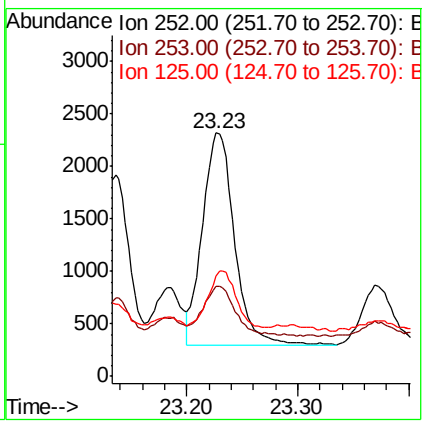




#23
Benzo(a)pyrene
Concen: 0.259 ng/ul
RT: 23.23 min Scan# 5385
Delta R.T. -0.02 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:252 Resp: 4009

Ion	Ratio	Lower	Upper
252	100		
253	37.0	27.2	40.8
125	41.0	37.0	55.6



Instrument :
BNA_N
ClientSampleId :
JLNA0

Manual Integrations APPROVED
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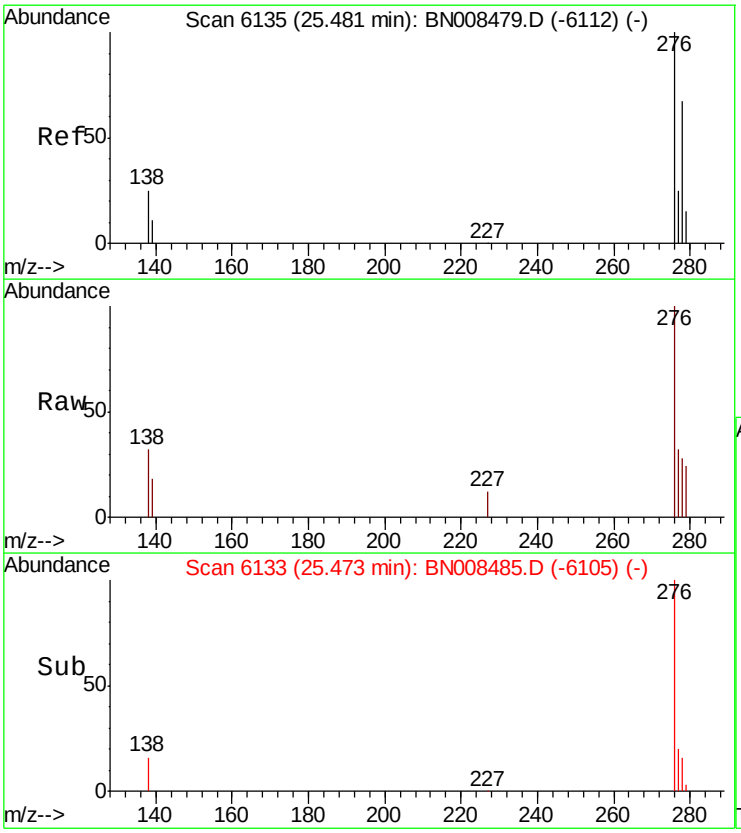
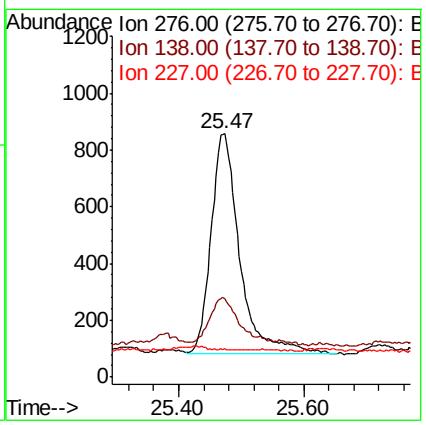
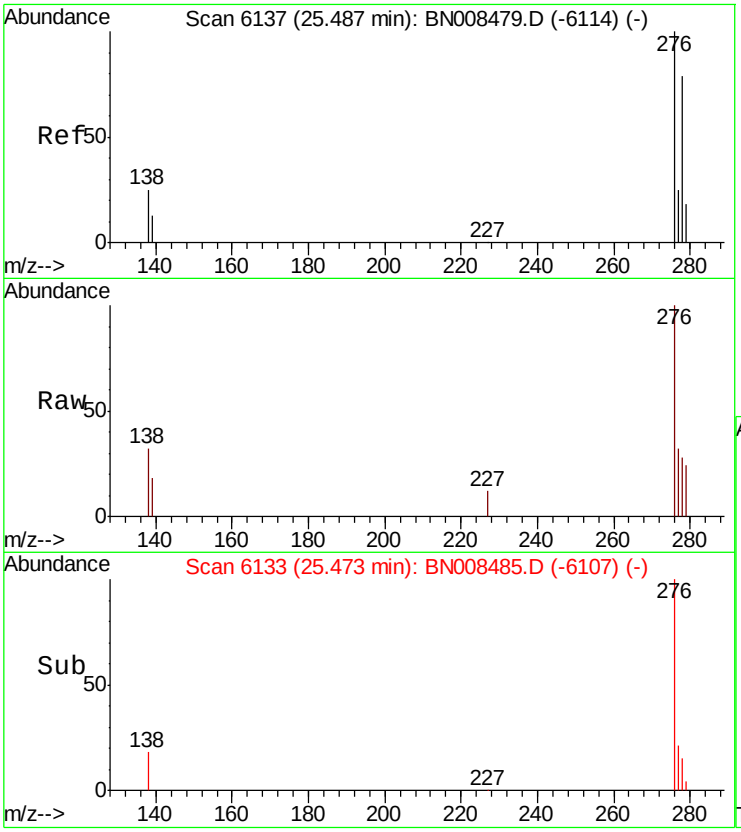


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.139 ng/ul
RT: 25.47 min Scan# 6133
Delta R.T. -0.01 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:276 Resp: 2449

Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.3	27.5
227	0.0	0.0	0.0

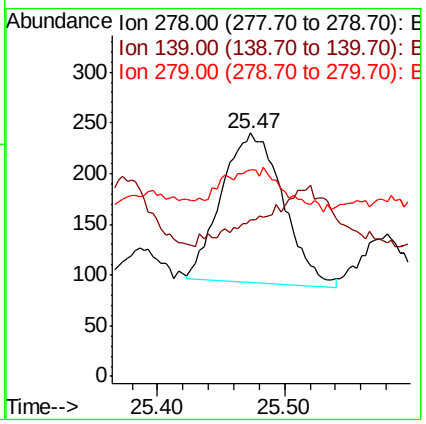




#25
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.47 min Scan# 6133
Delta R.T. -0.01 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:278 Resp: 494

Ion	Ratio	Lower	Upper
278	100		
139	64.6	17.6	26.4#
279	85.0	25.1	37.7#



Instrument :
BNA_N
ClientSampleId :
JLNA0

Manual Integrations APPROVED
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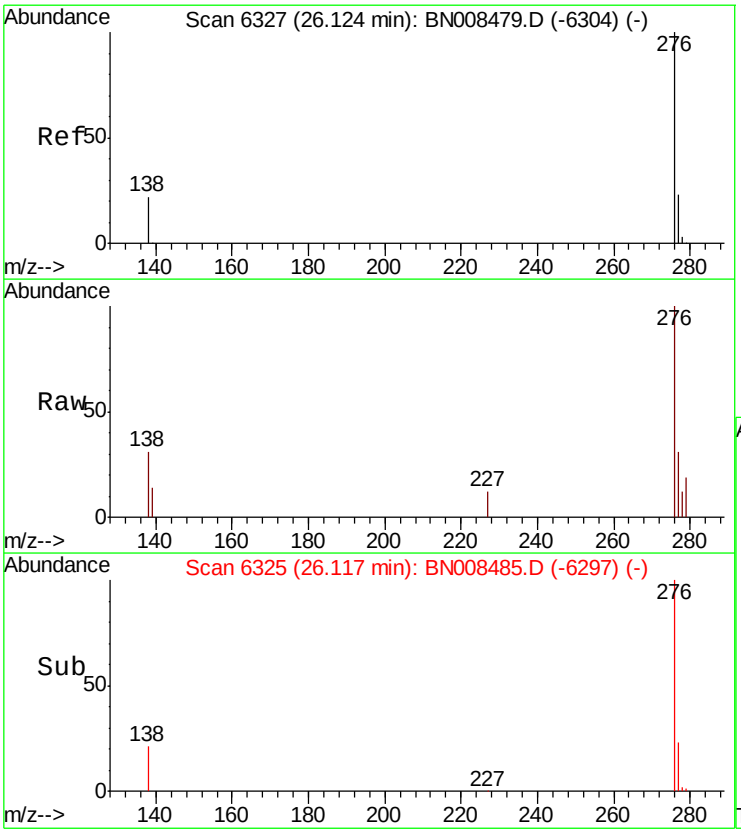
11/11/2019 8:08:01 AM



#26
Benzo(g,h,i)perylene
Concen: 0.163 ng/ul
RT: 26.12 min Scan# 6325
Delta R.T. -0.01 min
Lab File: BN008485.D
Acq: 07 Nov 2019 15:14

Tgt Ion:276 Resp: 2561

Ion	Ratio	Lower	Upper
276	100		
138	31.3	20.1	30.1#
277	31.0	20.6	31.0