Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006498.D
Acq On : 22 Jun 2019 20:24
Operator : HP/JU
Sample : K3335-08DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4235DL

Manual Integrations APPROVED
mohammad
6/25/2019 8:44:39 AM

Quant Time: Jun 24 10:39:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4068	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	16067	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8730	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	22987	0.40	ng/ul	-0.01
16) Chrysene-d12	21.25	240	13559	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	13080	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	952	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	2137	0.03	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.46	128	2250	0.051	ng/ul#	88
5) 2-Methylnaphthalene	12.09	142	814	0.026	ng/ul	95
7) Acenaphthylene	14.00	152	14311	0.295	ng/ul	99
8) Acenaphthene	14.34	153	3825	0.114	ng/ul	98
9) Fluorene	15.34	166	7308	0.186	ng/ul	97
12) Phenanthrene	17.08	178	112817	1.529	ng/ul	100
13) Anthracene	17.17	178	26358	0.374	ng/ul	99
15) Fluoranthene	19.11	202	241725	2.967	ng/ul	99
17) Pyrene	19.47	202	213233	2.986	ng/ul	99
18) Benzo(a)anthracene	21.24	228	86636	1.445	ng/ul	100
19) Chrysene	21.29	228	81415	1.446	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	92798m	1.701	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	36528m	0.688	ng/ul	
23) Benzo(a)pyrene	23.38	252	61899	1.219	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.71	276	37059	0.674	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.71	278	9128	0.208	ng/ul	97
26) Benzo(g,h,i)perylene	26.40	276	30143	0.655	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006498.D
Acq On : 22 Jun 2019 20:24
Operator : HP/JU
Sample : K3335-08DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 10:39:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4235DL

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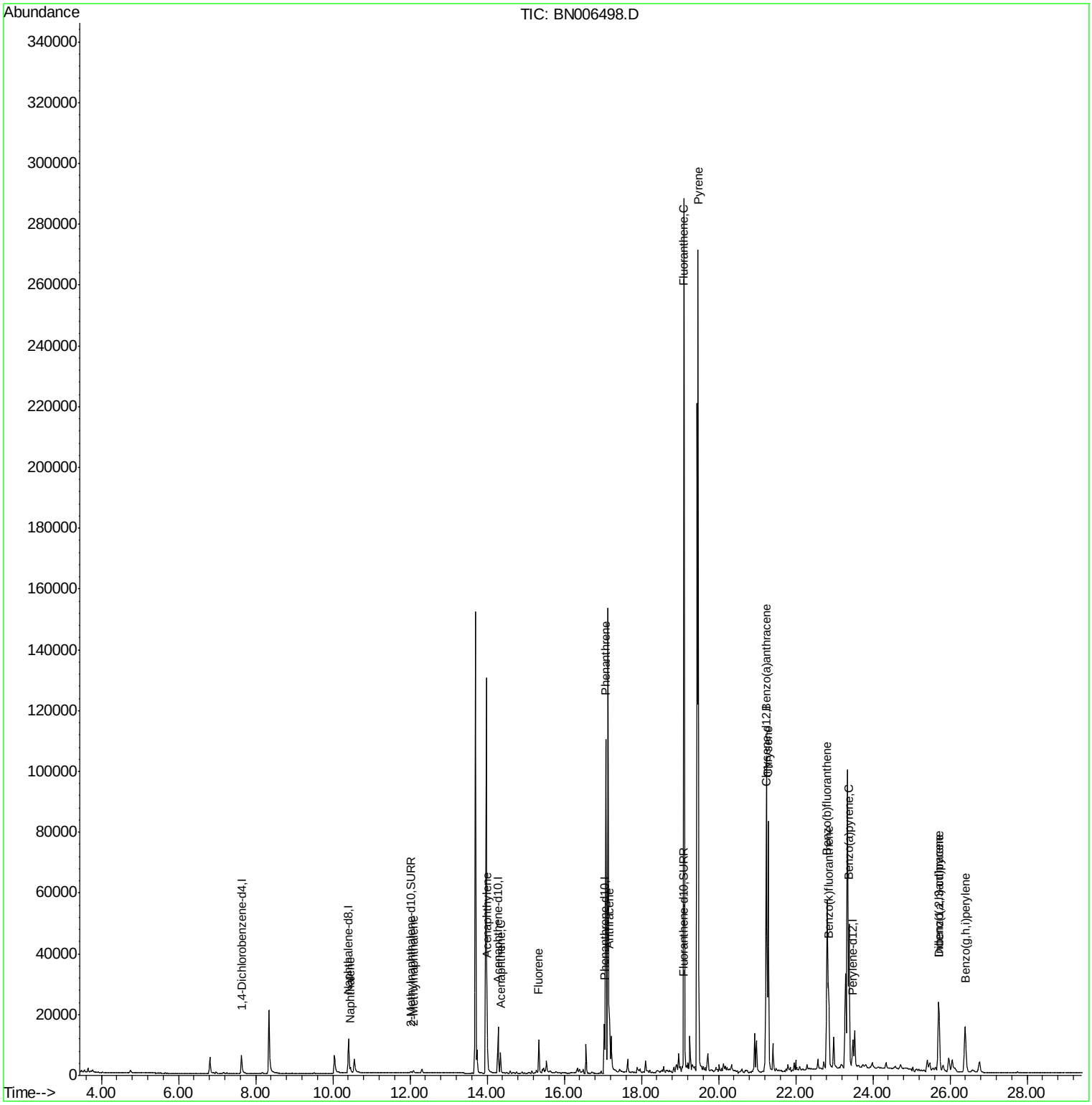

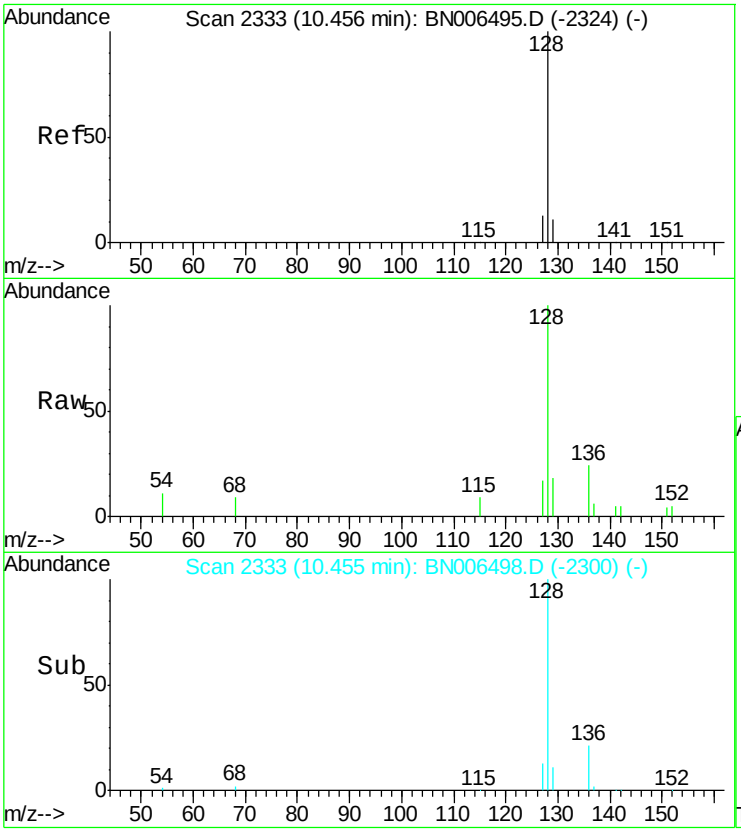

#3
Naphthalene
Concen: 0.051 ng/ul
RT: 10.46 min Scan# 2333
Delta R.T. -0.02 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:128 Resp: 2250

Ion	Ratio	Lower	Upper
128	100		
129	17.9	9.3	13.9#
127	16.5	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
A4235DL

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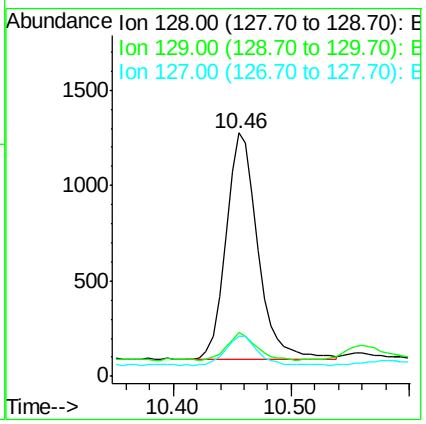
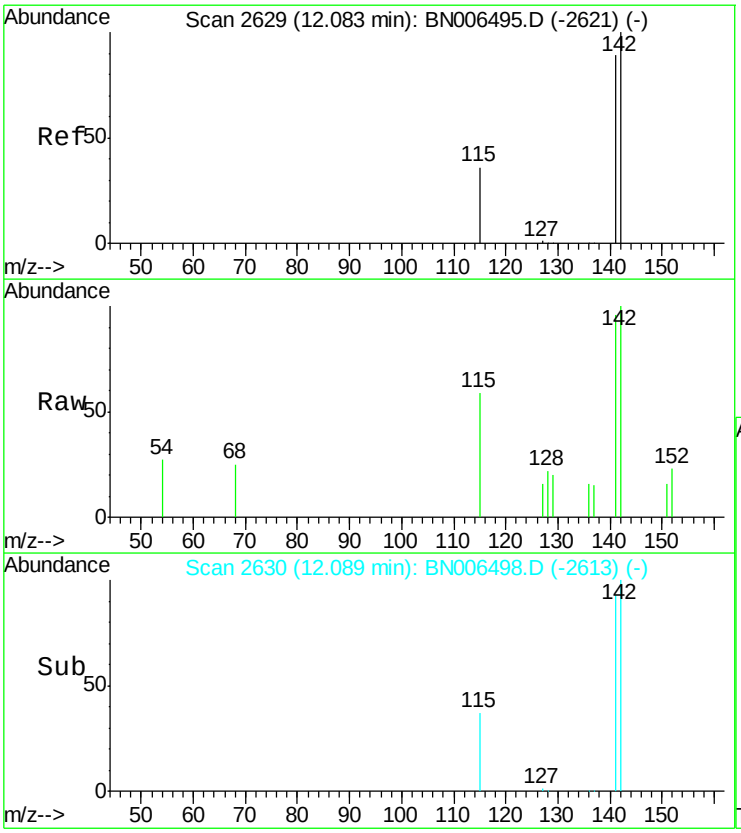
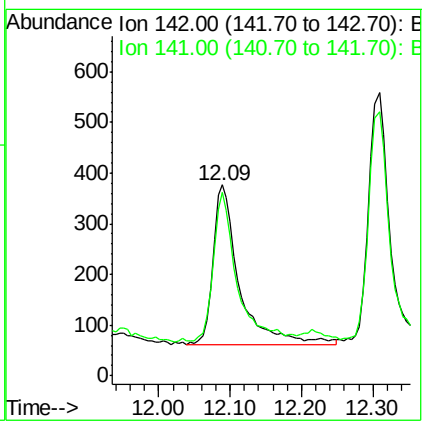


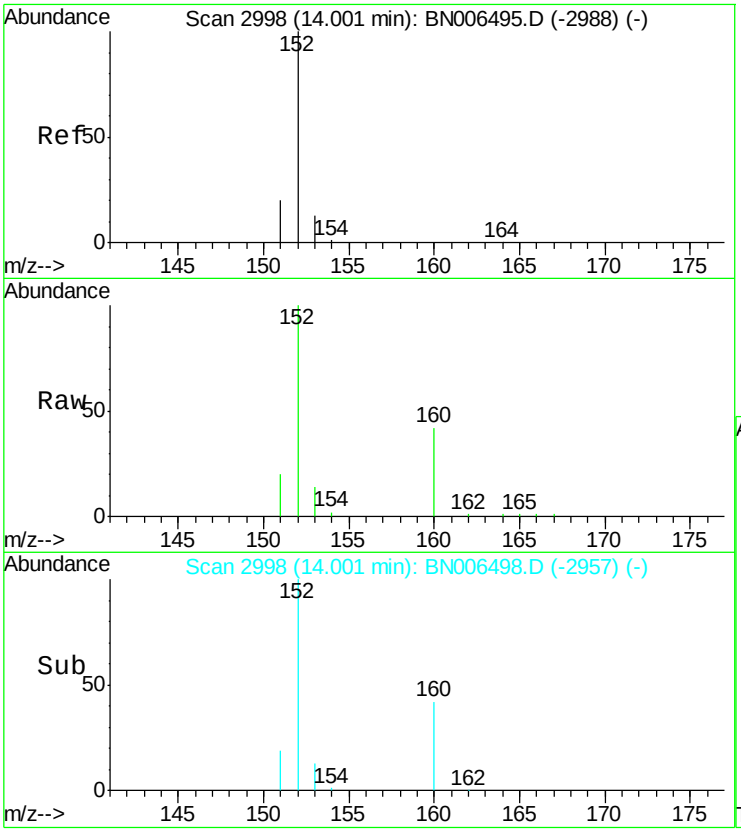


#5
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.09 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:142 Resp: 814

Ion	Ratio	Lower	Upper
142	100		
141	83.4	70.3	105.5

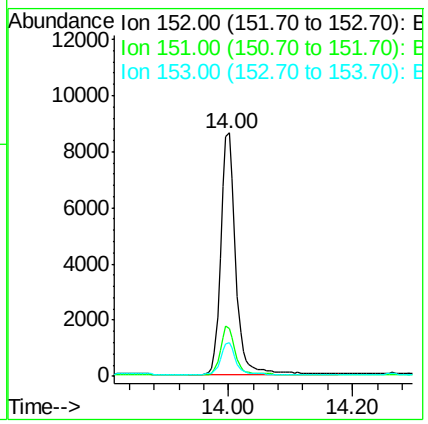




#7
Acenaphthylene
Concen: 0.295 ng/ul
RT: 14.00 min Scan# 2998
Delta R.T. -0.01 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:152 Resp: 14311

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	14.0	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
A4235DL

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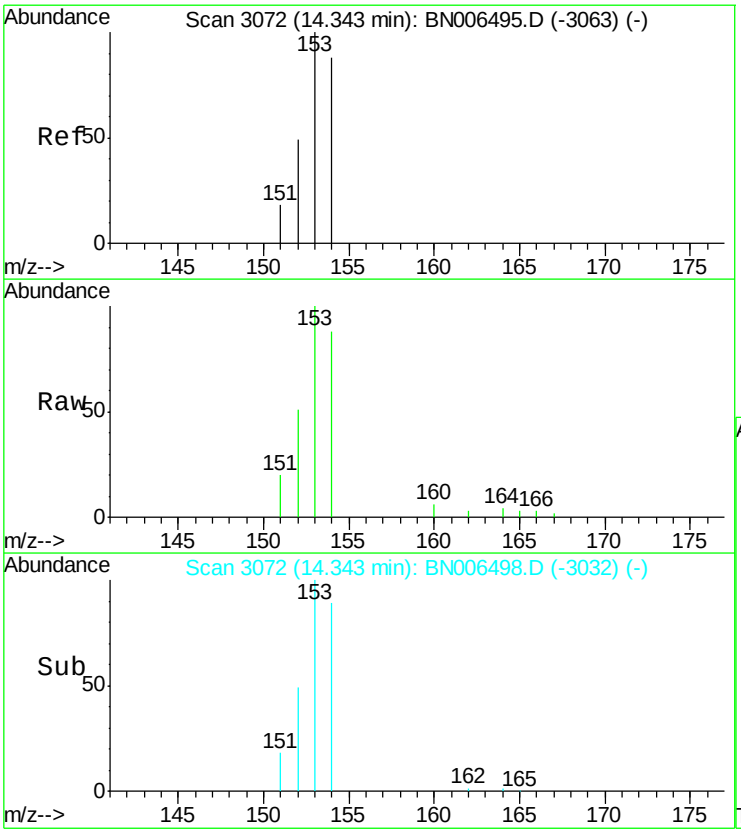
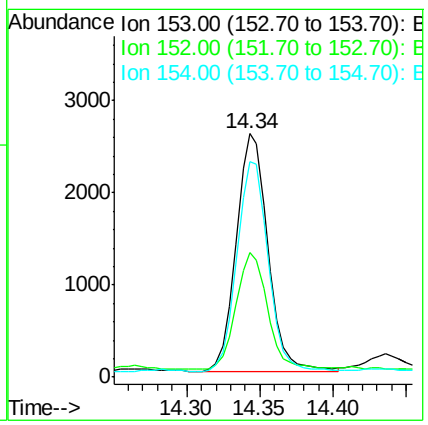
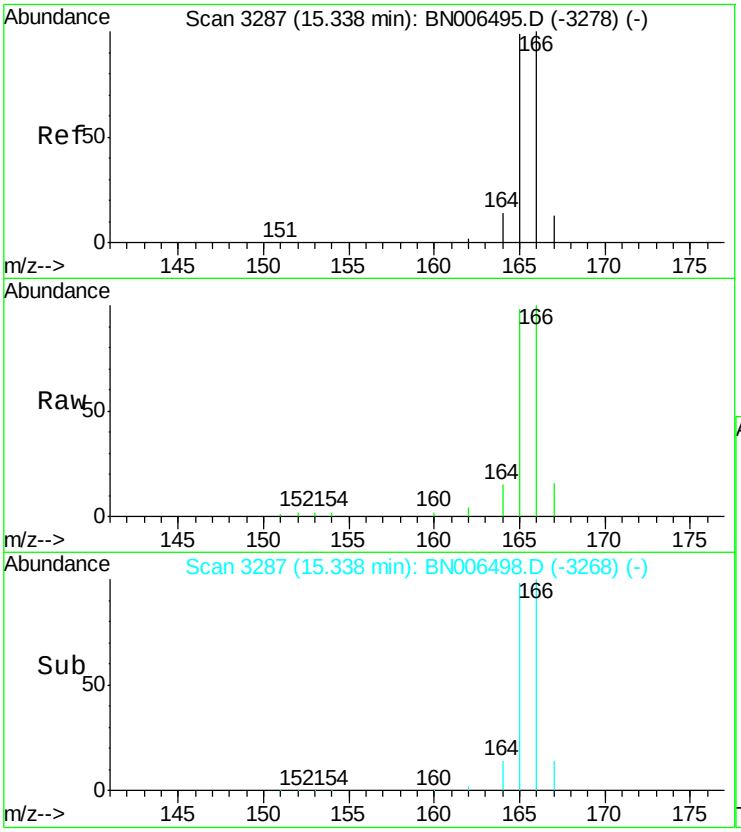


#8
Acenaphthene
Concen: 0.114 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:153 Resp: 3825

Ion	Ratio	Lower	Upper
153	100		
152	51.4	39.1	58.7
154	88.5	71.1	106.7

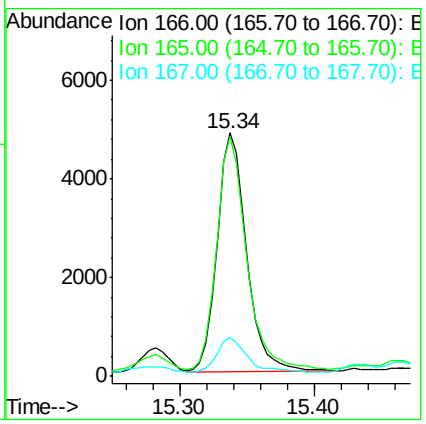




#9
Fluorene
Concen: 0.186 ng/ul
RT: 15.34 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:166 Resp: 7308

Ion	Ratio	Lower	Upper
166	100		
165	98.4	76.4	114.6
167	15.8	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
A4235DL

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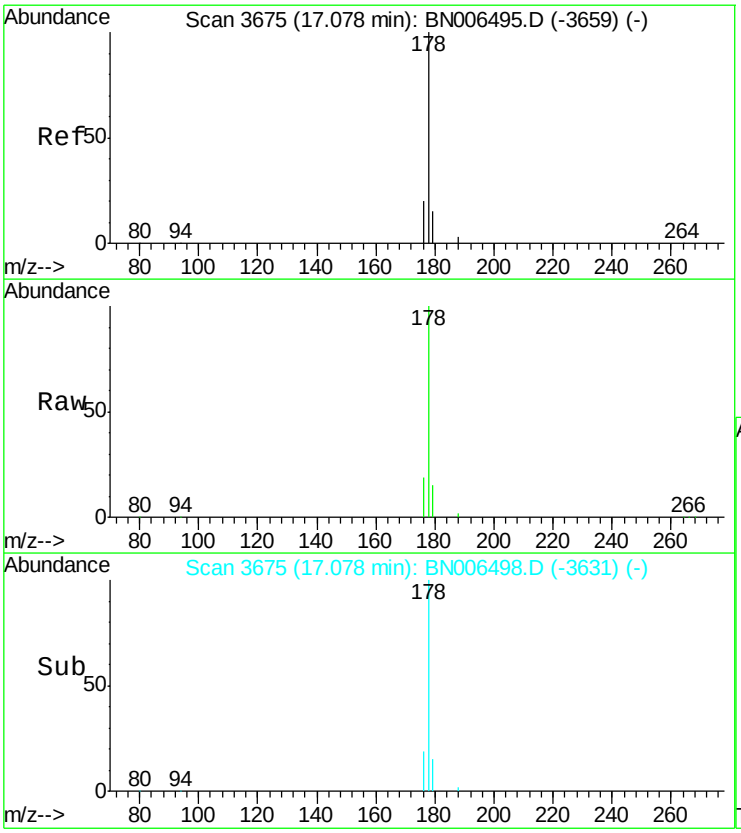
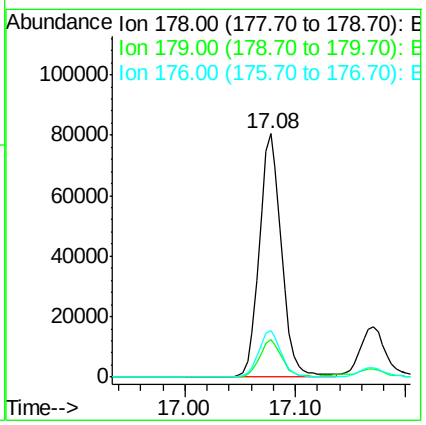
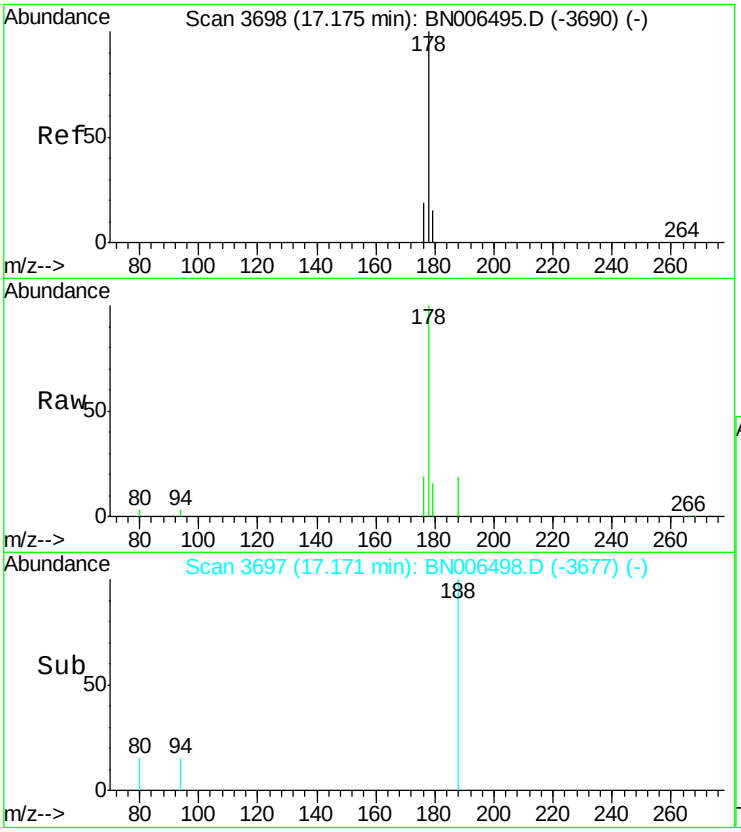


#12
Phenanthrene
Concen: 1.529 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:178 Resp: 112817

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.3	15.3	22.9

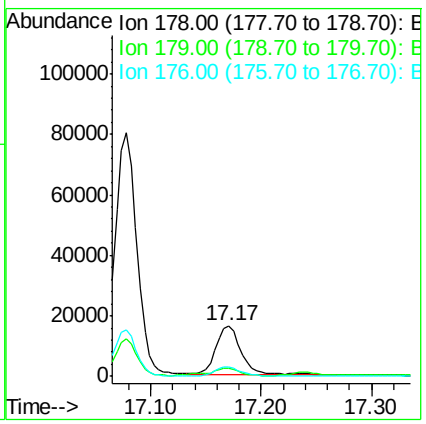




#13
Anthracene
Concen: 0.374 ng/ul
RT: 17.17 min Scan# 3697
Delta R.T. -0.02 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:178 Resp: 26358

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	19.2	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
A4235DL

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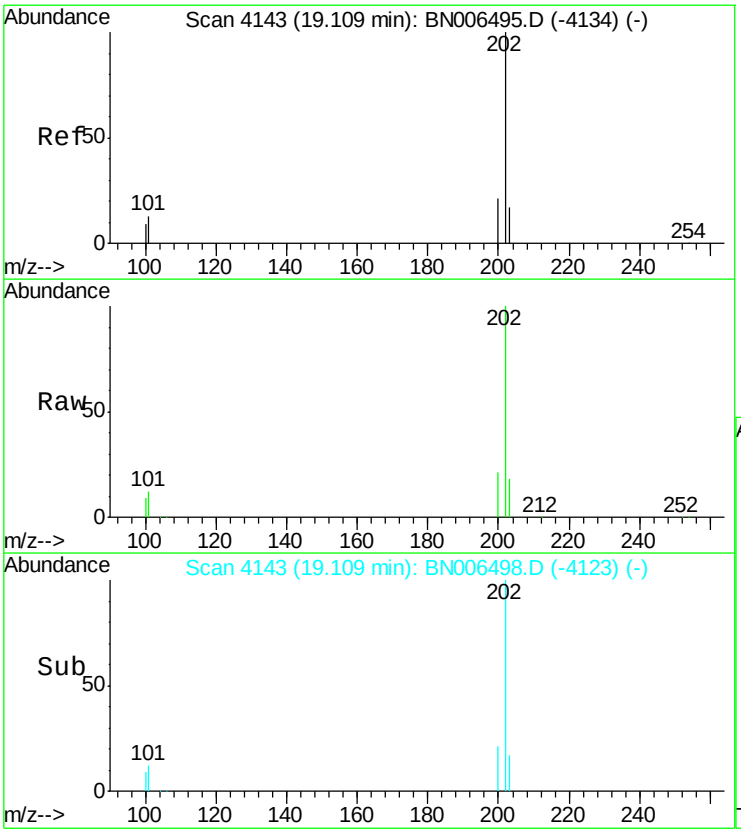
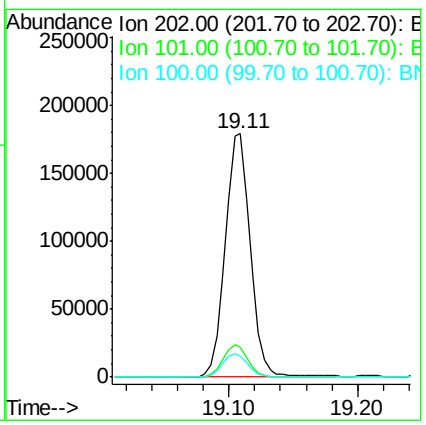
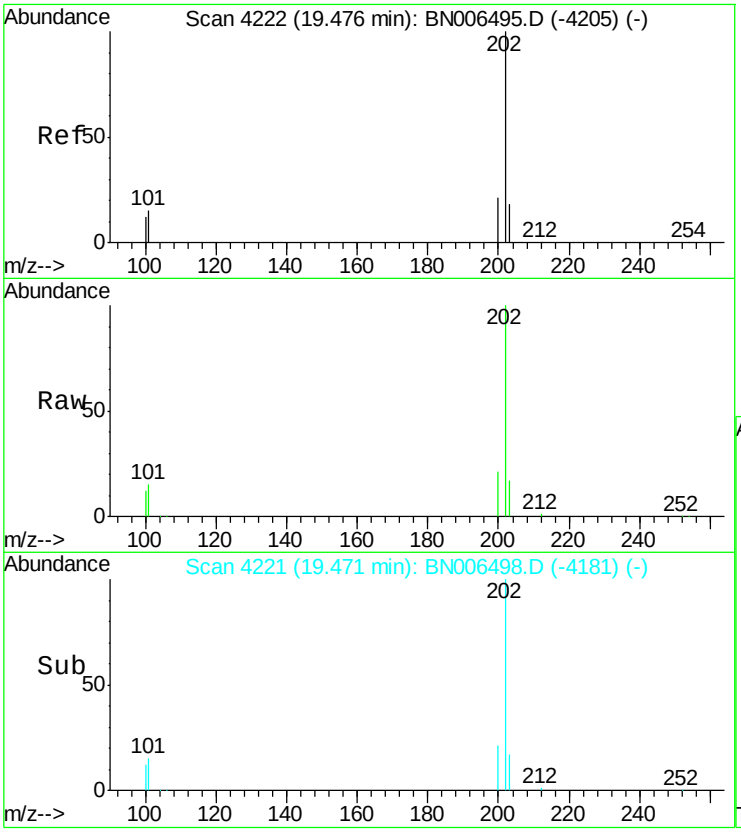


#15
Fluoranthene
Concen: 2.967 ng/ul
RT: 19.11 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:202 Resp: 241725

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.1
100	8.7	0.0	28.7

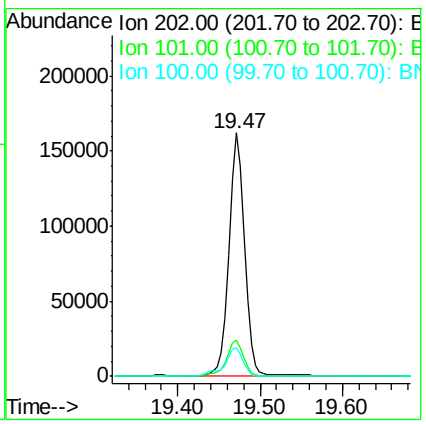




#17
Pyrene
Concen: 2.986 ng/ul
RT: 19.47 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:202 Resp: 213233

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.2	18.2
100	11.8	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
A4235DL

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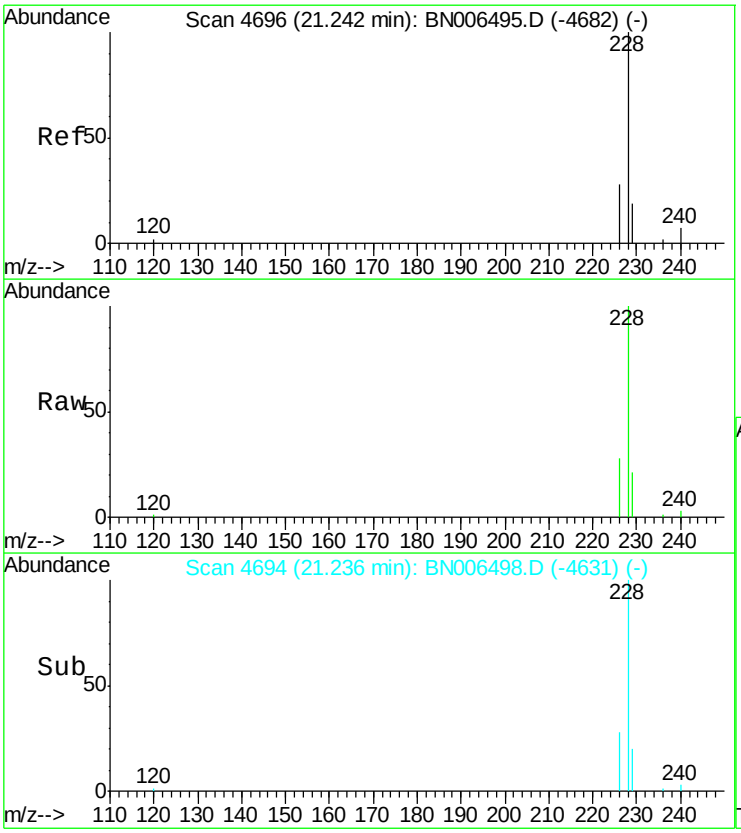
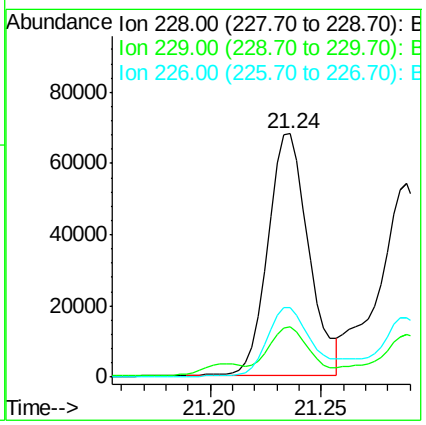
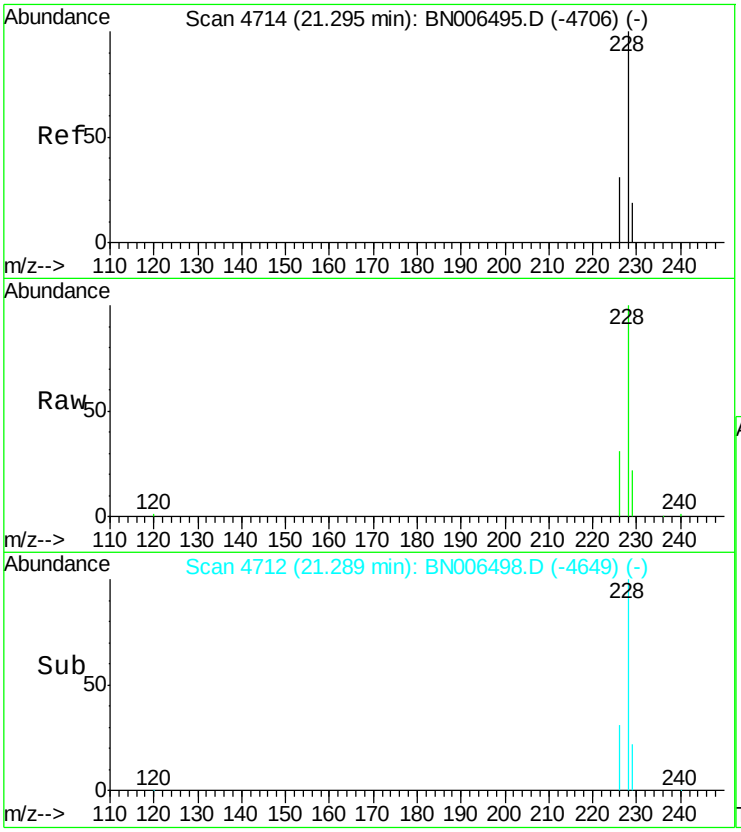


#18
Benzo(a)anthracene
Concen: 1.445 ng/ul
RT: 21.24 min Scan# 4694
Delta R.T. -0.02 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:228 Resp: 86636

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.5	24.7
226	28.4	22.8	34.2





#19
Chrysene
Concen: 1.446 ng/ul
RT: 21.29 min Scan# 4712
Delta R.T. -0.02 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:228 Resp: 81415

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.0	16.3	24.5

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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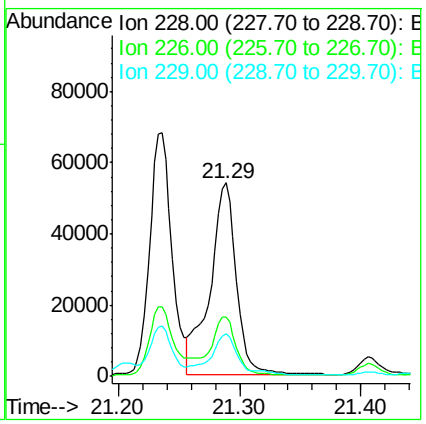
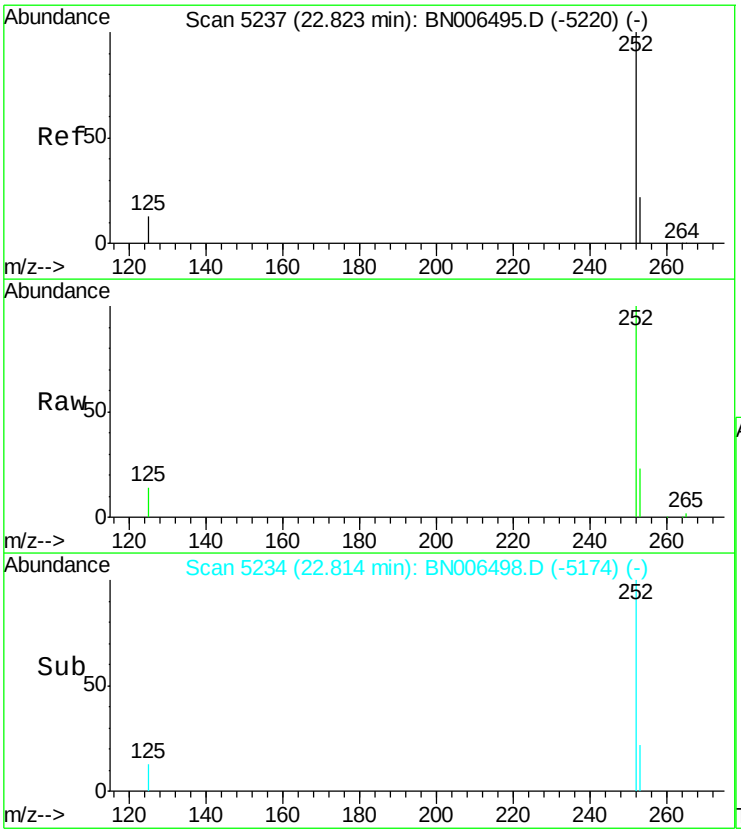
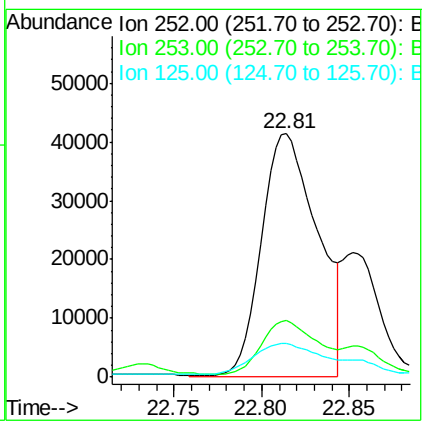


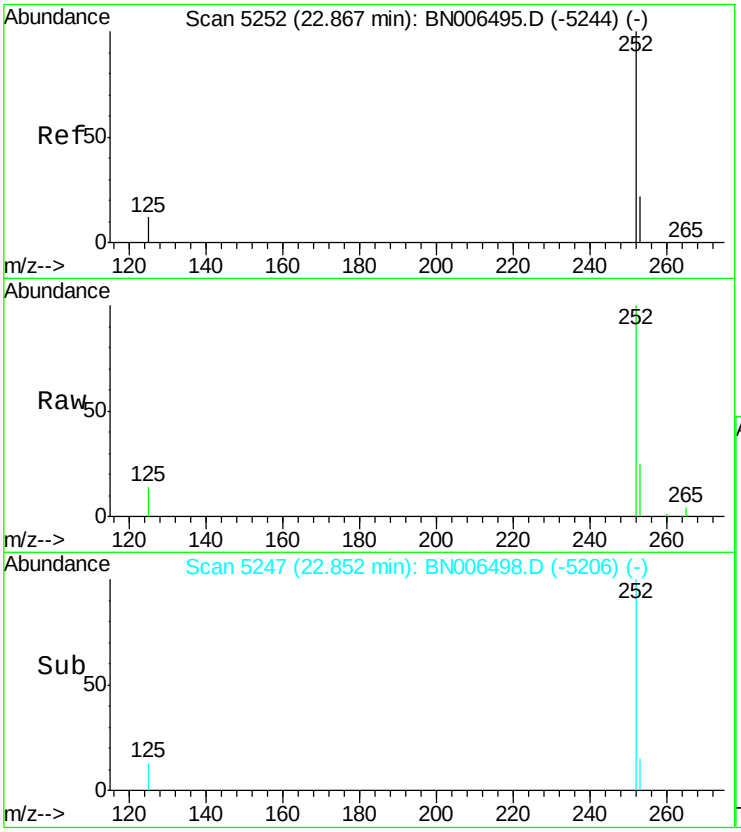


#21
Benzo(b)fluoranthene
Concen: 1.701 ng/ul m
RT: 22.81 min Scan# 5234
Delta R.T. -0.02 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:252 Resp: 92798

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	51.4
125	13.8	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 0.688 ng/ul m
RT: 22.85 min Scan# 5247
Delta R.T. -0.03 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:252 Resp: 36528

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.3	30.5
125	14.2	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
A4235DL

Manual Integrations APPROVED
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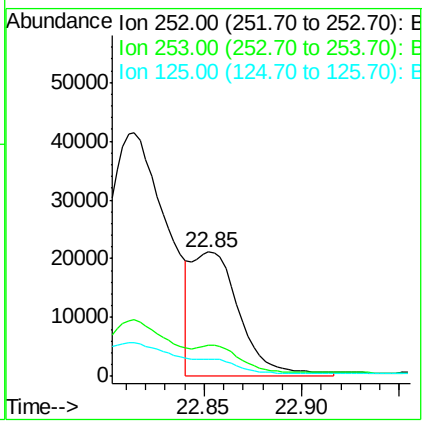
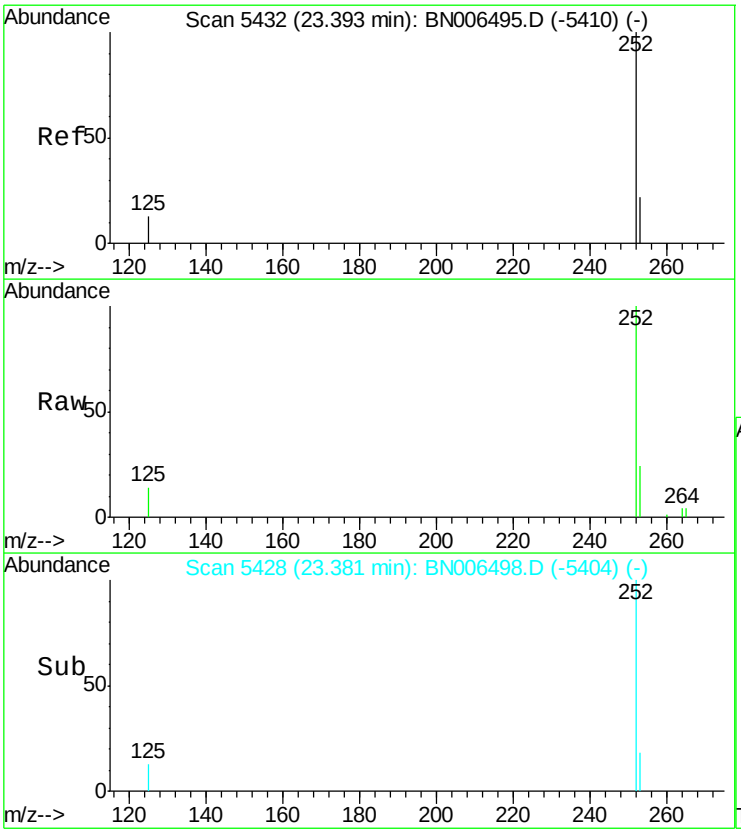
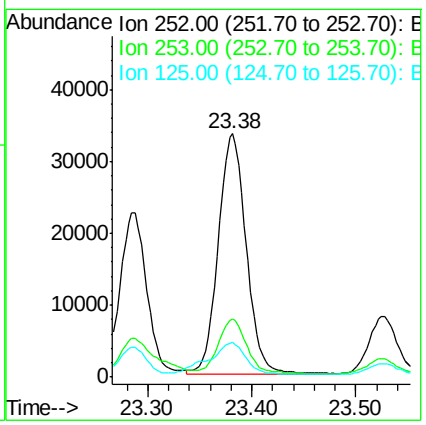


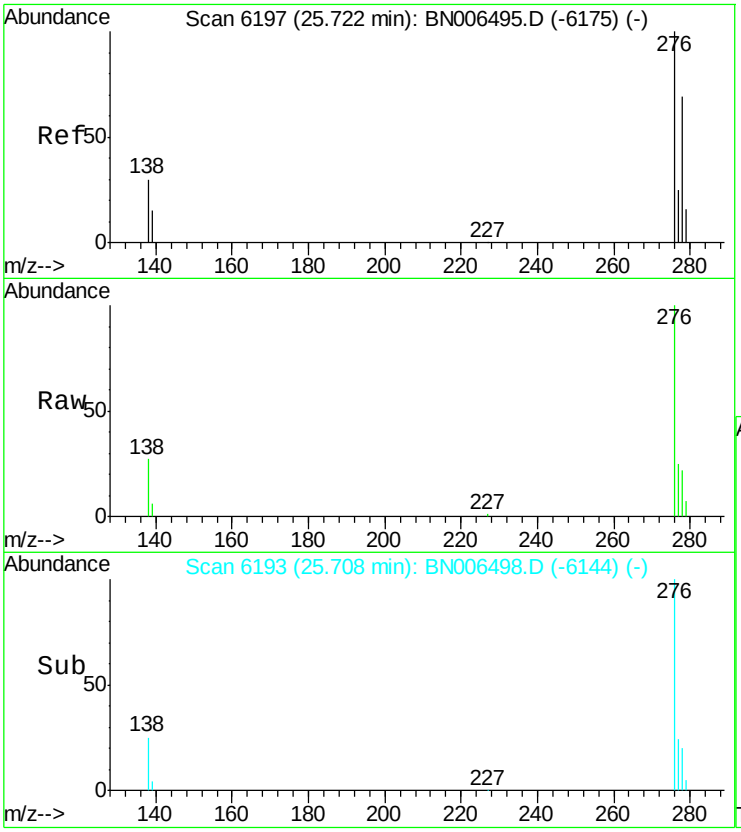


#23
Benzo(a)pyrene
Concen: 1.219 ng/ul
RT: 23.38 min Scan# 5428
Delta R.T. -0.03 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:252 Resp: 61899

Ion	Ratio	Lower	Upper
252	100		
253	23.8	21.1	31.7
125	14.4	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.674 ng/ul
RT: 25.71 min Scan# 6193
Delta R.T. -0.04 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:276 Resp: 37059

Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.6	38.4#
227	0.2	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A4235DL

Manual Integrations APPROVED
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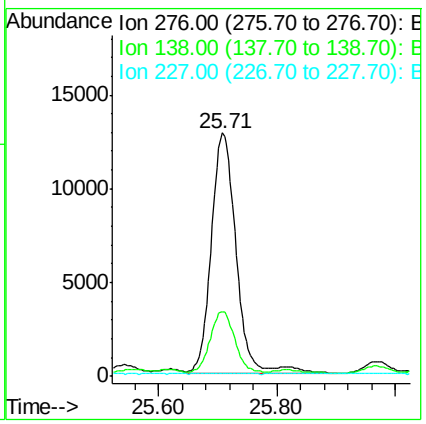
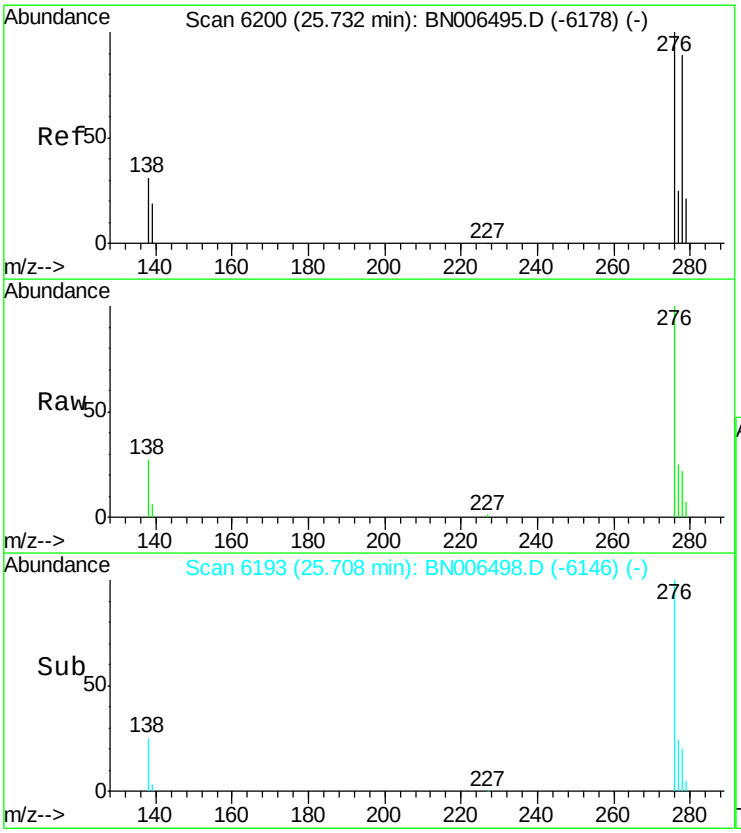
6/25/2019 8:44:39 AM

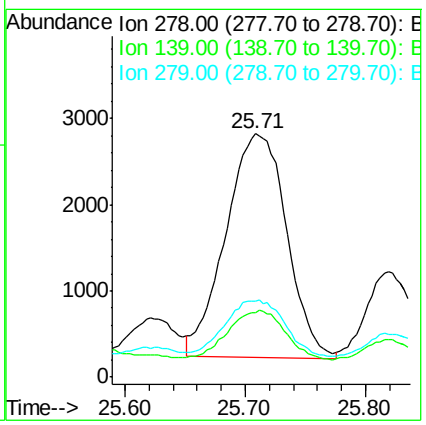


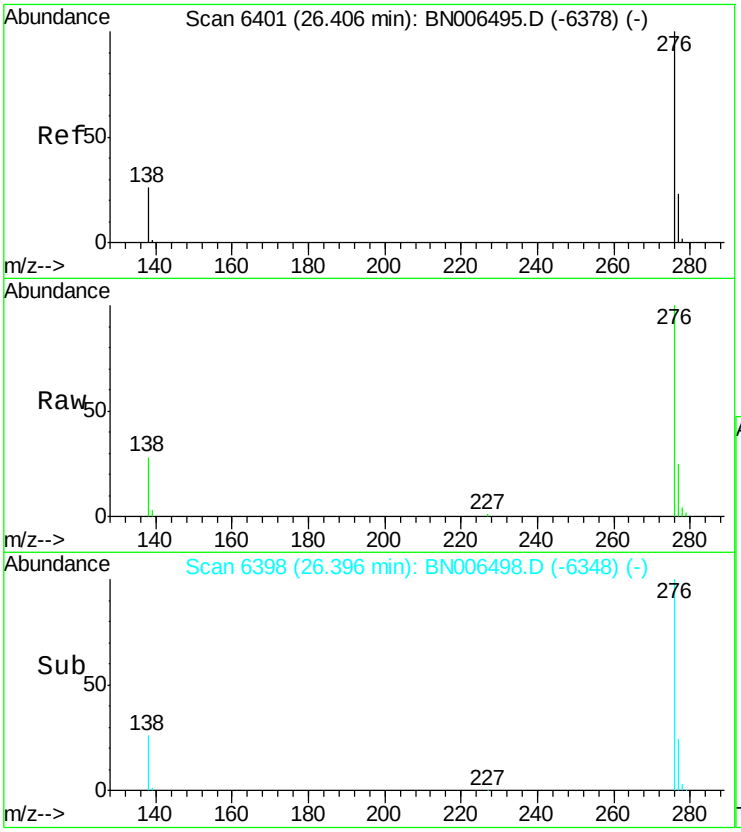


#25
Dibenzo(a,h)anthracene
Concen: 0.208 ng/ul
RT: 25.71 min Scan# 6193
Delta R.T. -0.04 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:278 Resp: 9128

Ion	Ratio	Lower	Upper
278	100		
139	26.4	21.2	31.8
279	31.2	22.6	33.8

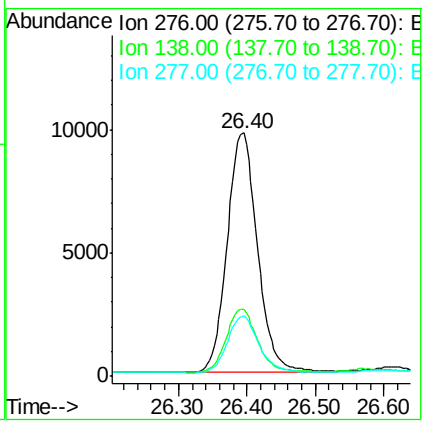




#26
Benzo(g,h,i)perylene
Concen: 0.655 ng/ul
RT: 26.40 min Scan# 6398
Delta R.T. -0.03 min
Lab File: BN006498.D
Acq: 22 Jun 2019 20:24

Tgt Ion:276 Resp: 30143

Ion	Ratio	Lower	Upper
276	100		
138	27.5	24.2	36.4
277	24.7	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A4235DL

Manual Integrations APPROVED
mohammad
6/25/2019 8:44:39 AM