Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006531.D
Acq On : 24 Jun 2019 15:19
Operator : HP/JU
Sample : K3362-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4206

Manual Integrations APPROVED
mohammad
6/25/2019 6:17:01 PM

Quant Time: Jun 25 01:26:58 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	4922	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	17671	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8144	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	14957m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	10406m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	10612m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	7259	0.27	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	11534m	0.29	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	3380	0.069	ng/ul#	92
5) 2-Methylnaphthalene	12.08	142	1386	0.041	ng/ul	100
7) Acenaphthylene	14.00	152	23076	0.510	ng/ul	100
8) Acenaphthene	14.34	153	1738	0.055	ng/ul	97
9) Fluorene	15.33	166	3076	0.084	ng/ul#	96
12) Phenanthrene	17.08	178	45964m	0.957	ng/ul	
13) Anthracene	17.17	178	18243m	0.398	ng/ul	
15) Fluoranthene	19.11	202	99721m	1.881	ng/ul	
17) Pyrene	19.48	202	94686	1.727	ng/ul	99
18) Benzo(a)anthracene	21.25	228	47311	1.028	ng/ul	97
19) Chrysene	21.30	228	53705	1.243	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	92449m	2.089	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	32877m	0.763	ng/ul	
23) Benzo(a)pyrene	23.40	252	67352m	1.634	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	57175m	1.282	ng/ul	
25) Dibenzo(a,h)anthracene	25.74	278	13169m	0.369	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	53485m	1.432	ng/ul	

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

Quantitation Report (QT Reviewed)

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Data File : BN006531.D
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ClientSampleId :
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Manual Integrations APPROVED
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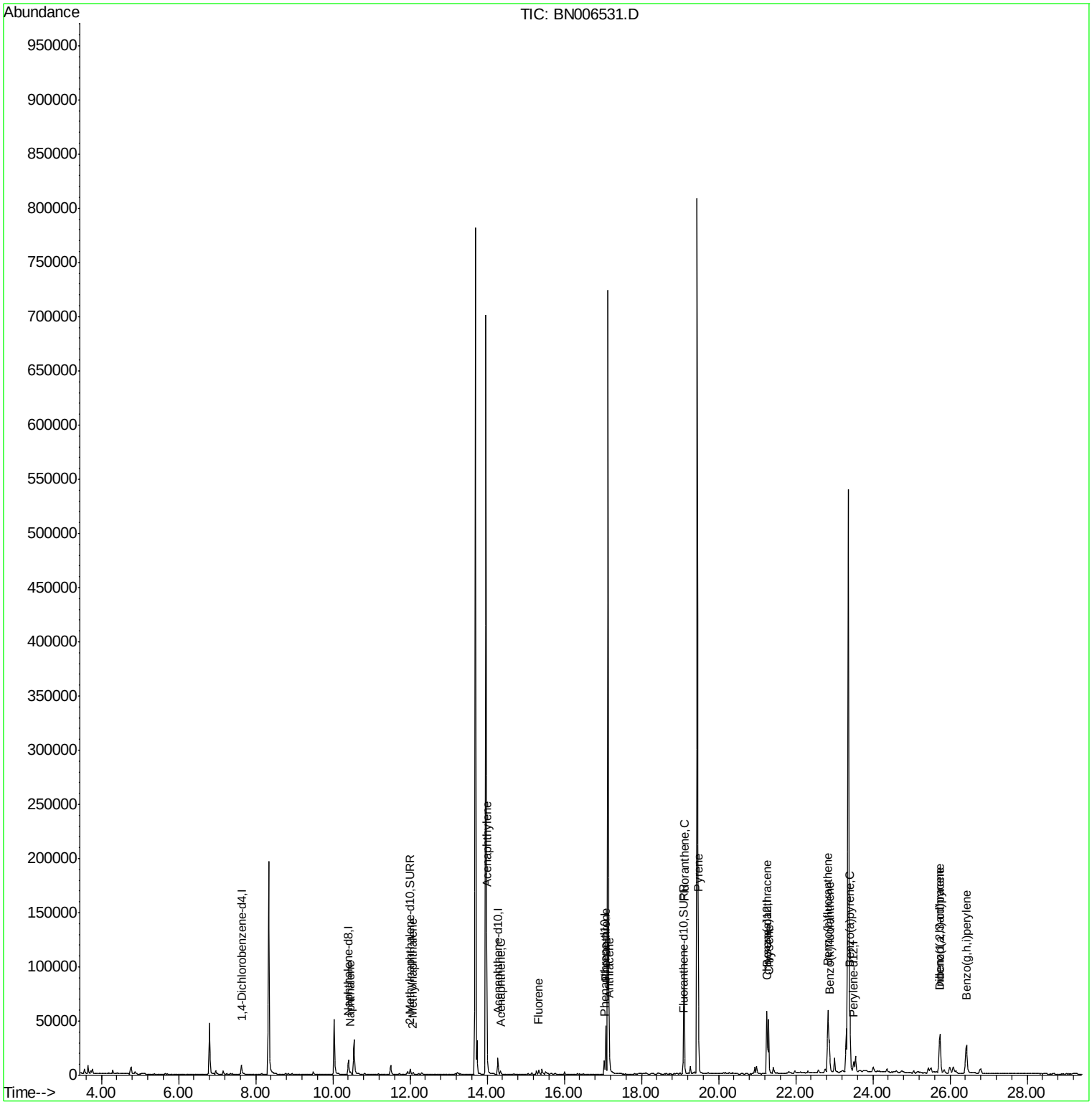
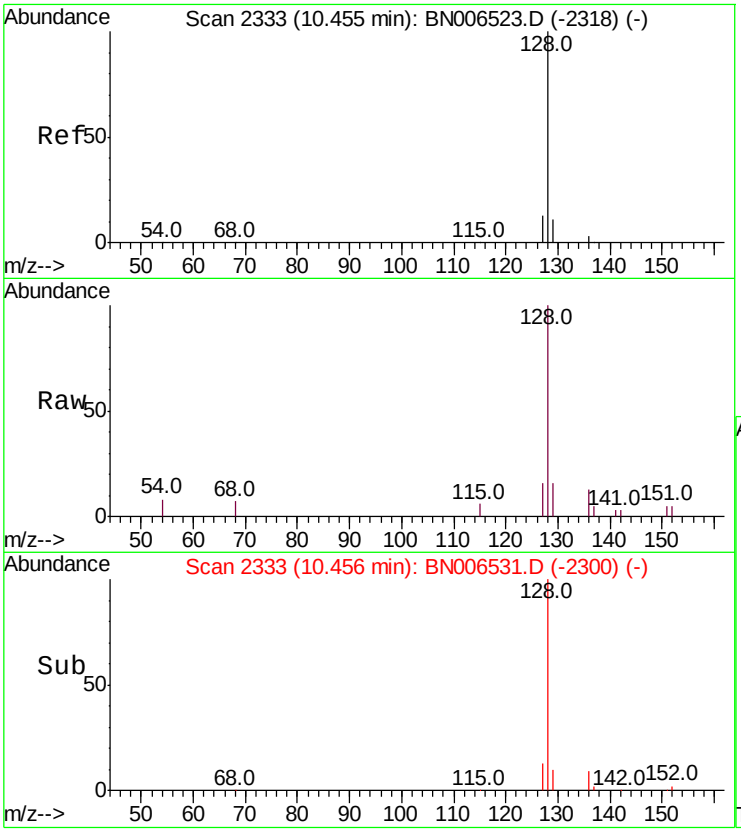
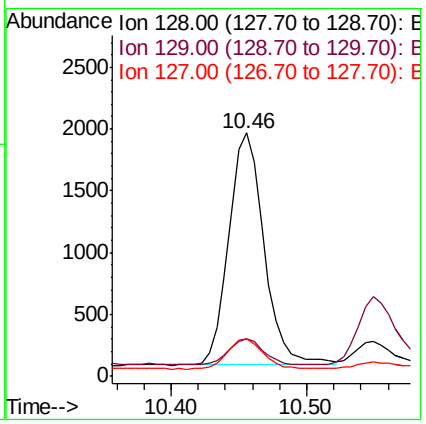




#3
Naphthalene
Concen: 0.069 ng/ul
RT: 10.46 min Scan# 2333
Delta R.T. -0.02 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:128 Resp: 3380

Ion	Ratio	Lower	Upper
128	100		
129	15.6	9.3	13.9#
127	15.6	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
A4206

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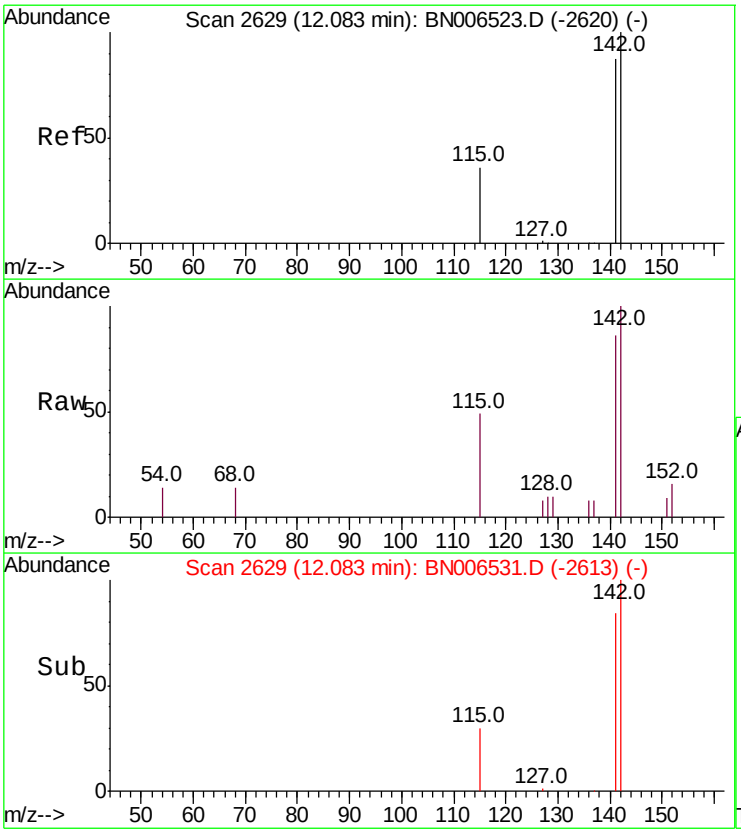
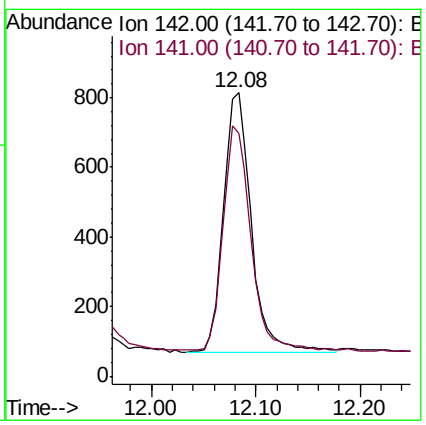
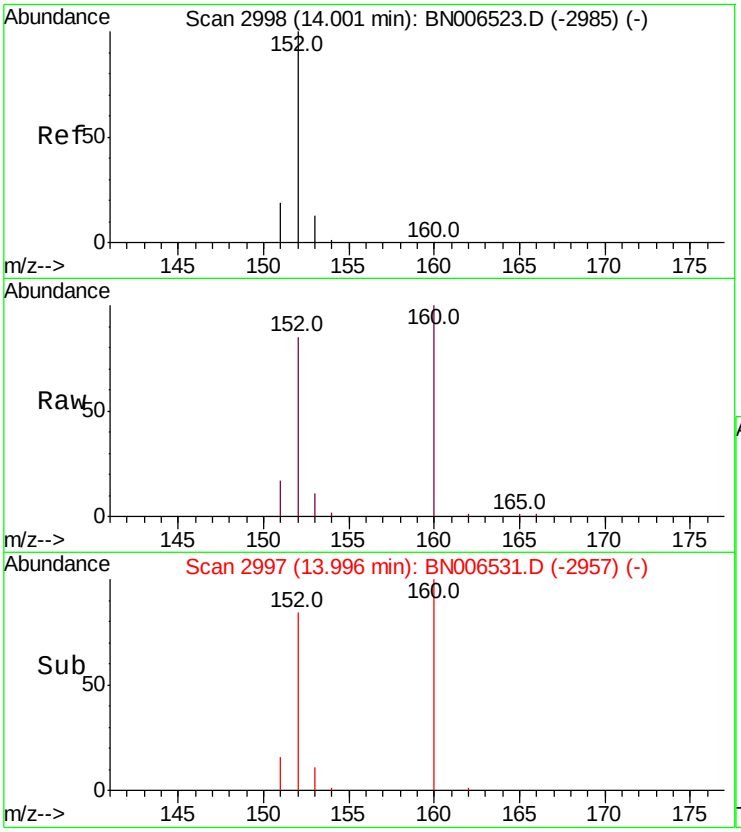


#5
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.08 min Scan# 2629
Delta R.T. -0.01 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:142 Resp: 1386

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5





#7
Acenaphthylene
Concen: 0.510 ng/ul
RT: 14.00 min Scan# 2997
Delta R.T. -0.01 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:152 Resp: 23076

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.3	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
A4206

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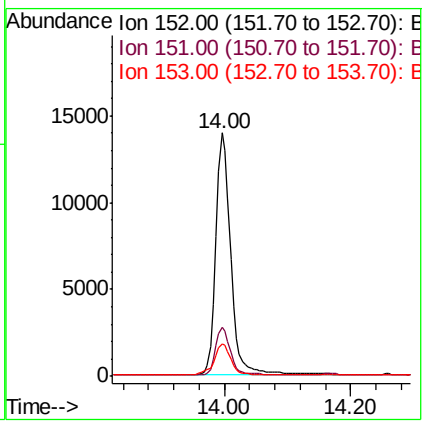
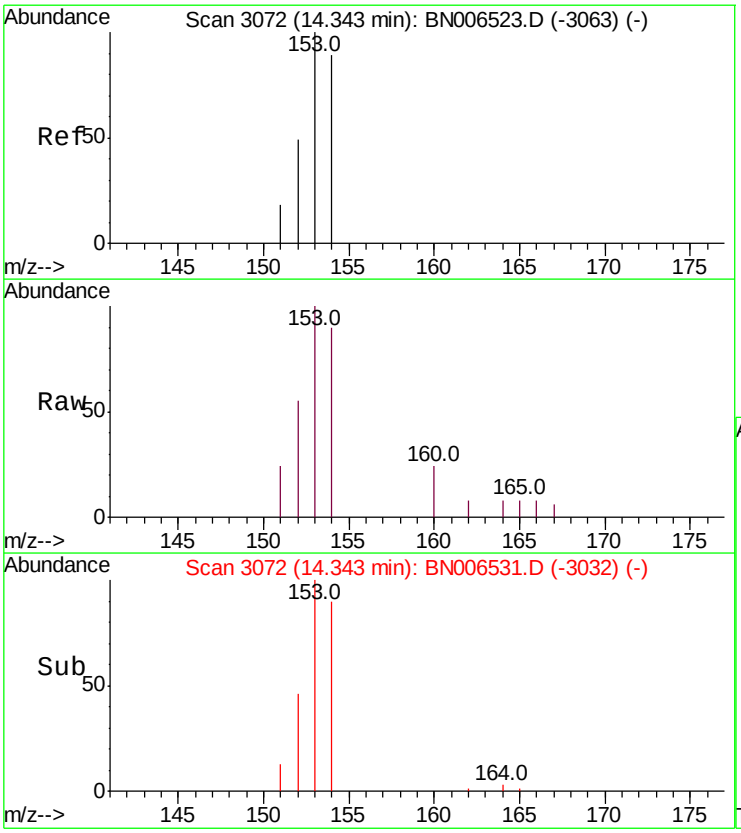
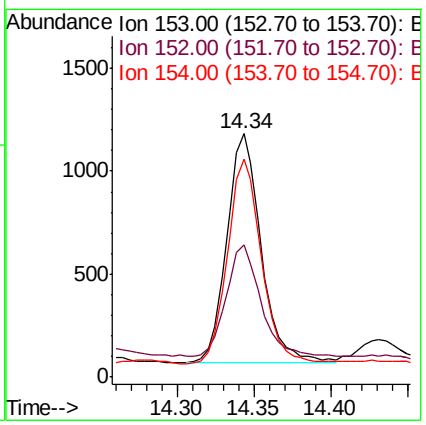


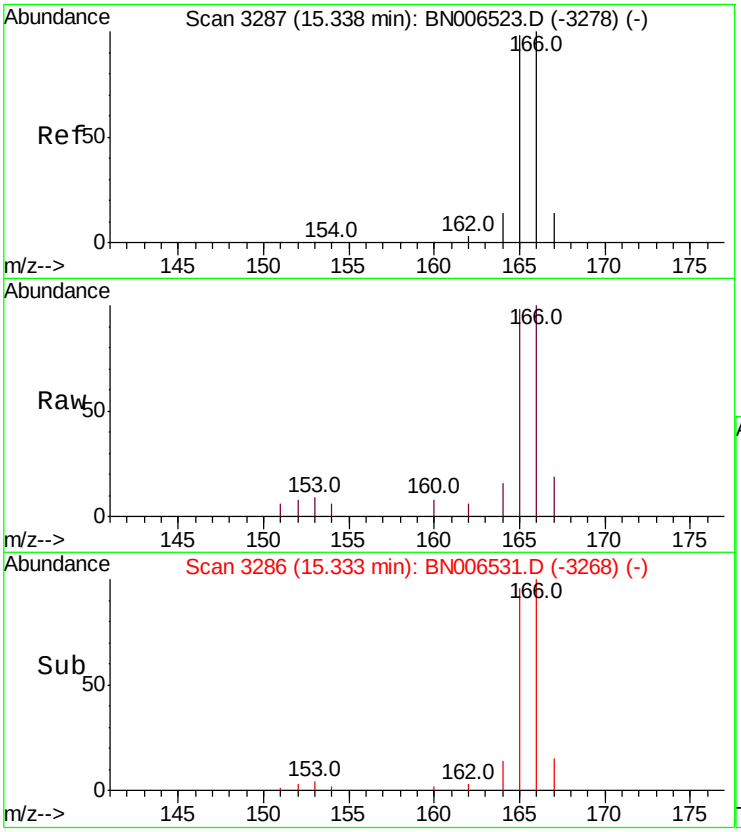


#8
Acenaphthene
Concen: 0.055 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:153 Resp: 1738

Ion	Ratio	Lower	Upper
153	100		
152	54.6	39.1	58.7
154	89.5	71.1	106.7





#9
Fluorene
Concen: 0.084 ng/ul
RT: 15.33 min Scan# 3286
Delta R.T. -0.02 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:166 Resp: 3076

Ion	Ratio	Lower	Upper
166	100		
165	98.1	76.4	114.6
167	18.7	11.0	16.6#

Instrument :
BNA_N
ClientSampleId :
A4206

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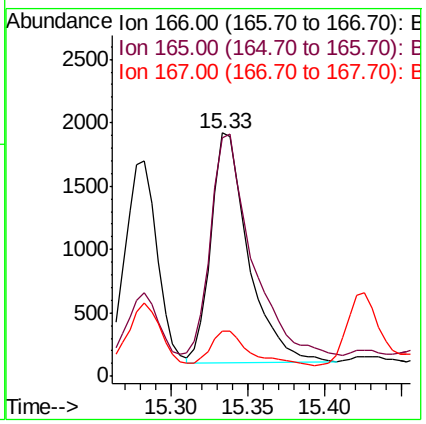
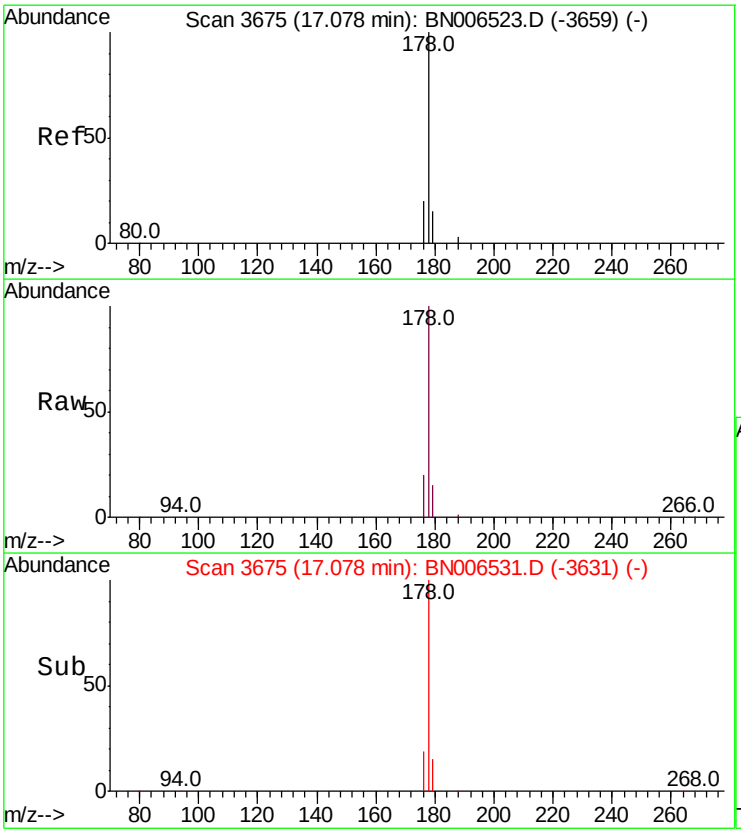
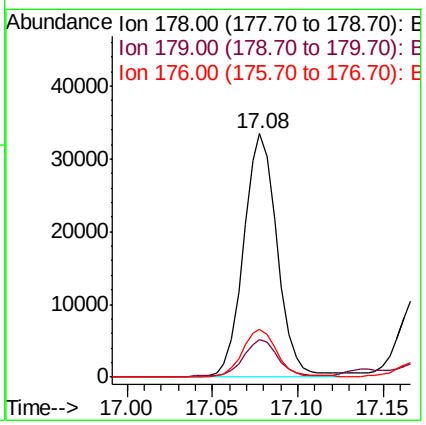


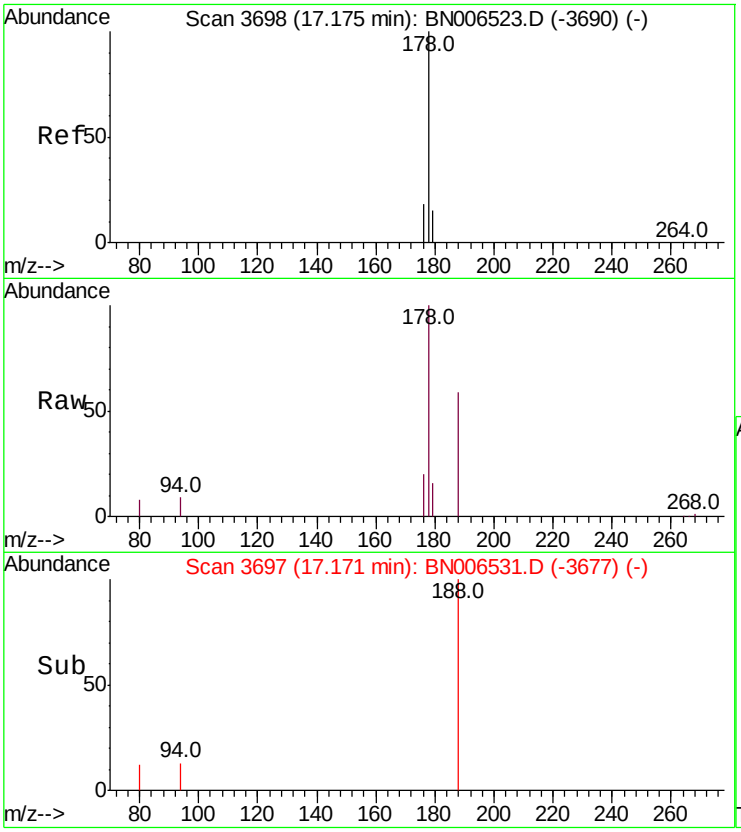


#12
Phenanthrene
Concen: 0.957 ng/ul m
RT: 17.08 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:178 Resp: 45964

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.7	15.3	22.9

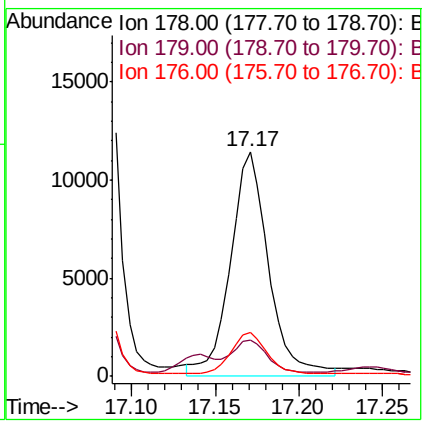




#13
Anthracene
Concen: 0.398 ng/ul m
RT: 17.17 min Scan# 3697
Delta R.T. -0.02 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:178 Resp: 18243

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.4
176	19.7	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
A4206

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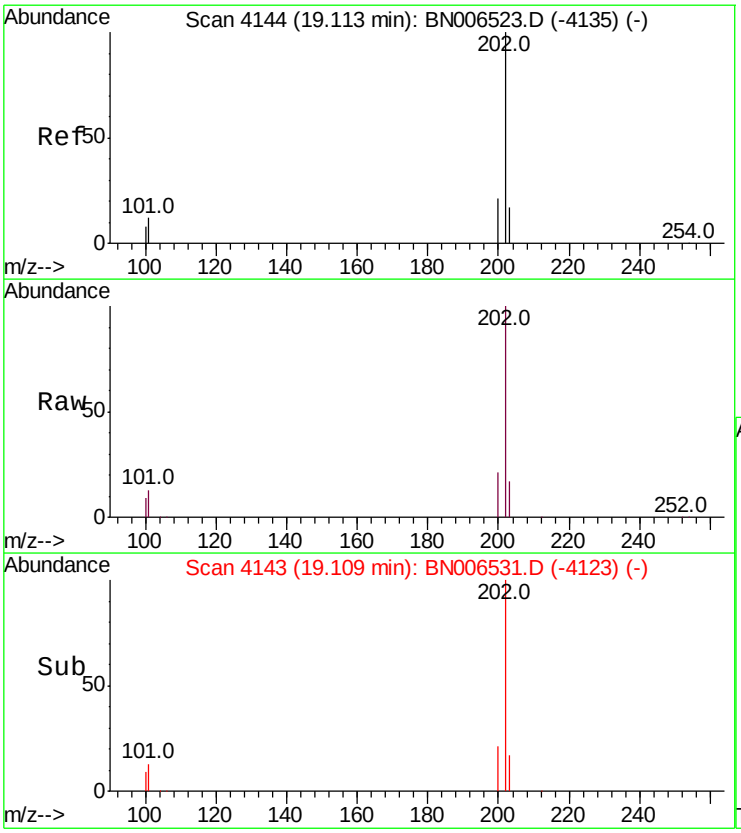
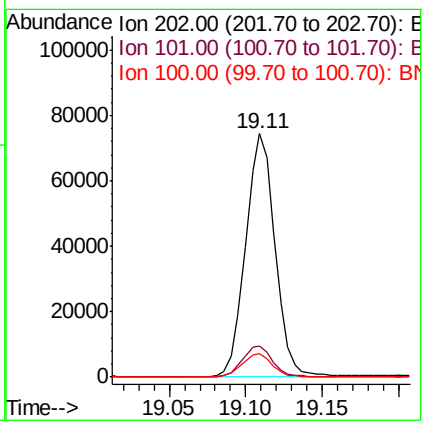
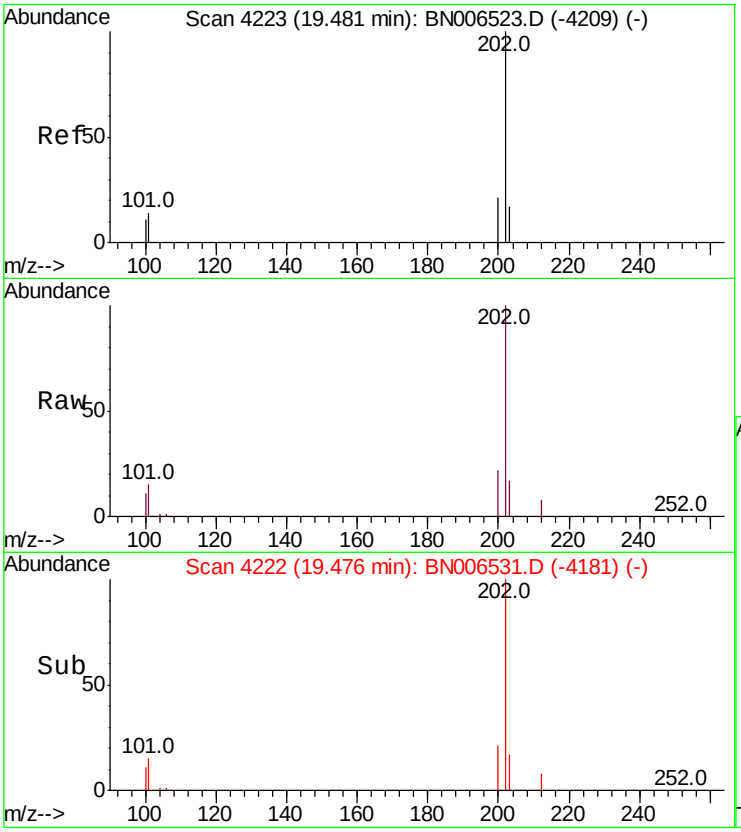


#15
Fluoranthene
Concen: 1.881 ng/ul m
RT: 19.11 min Scan# 4143
Delta R.T. -0.01 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:202 Resp: 99721

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.1
100	9.4	0.0	28.7

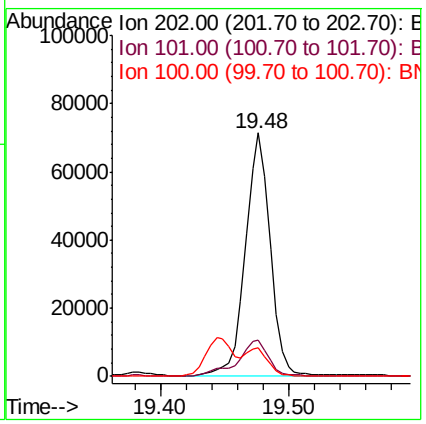




#17
Pyrene
Concen: 1.727 ng/ul
RT: 19.48 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:202 Resp: 94686

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.2
100	11.5	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
A4206

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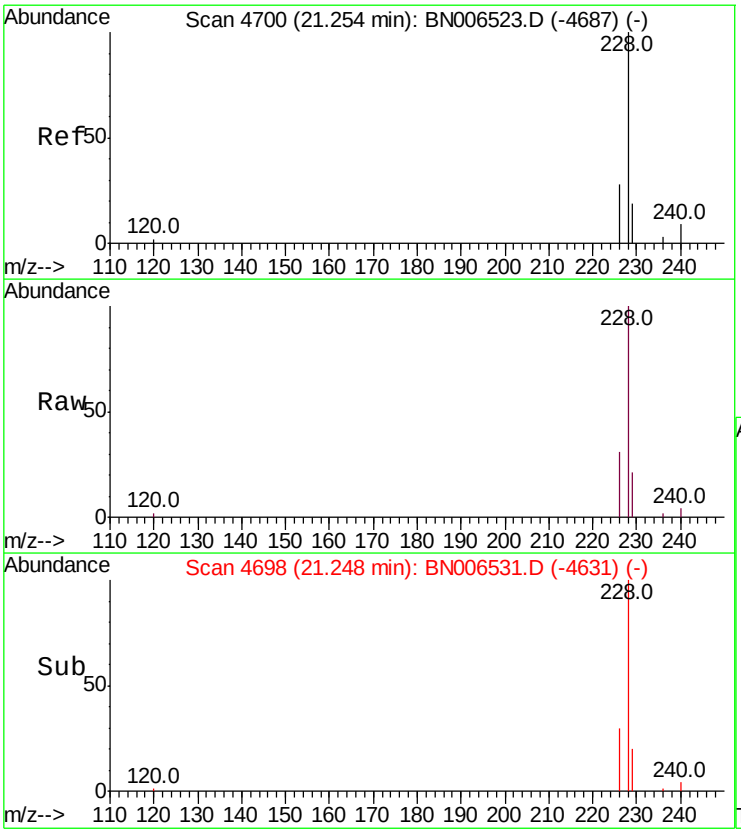
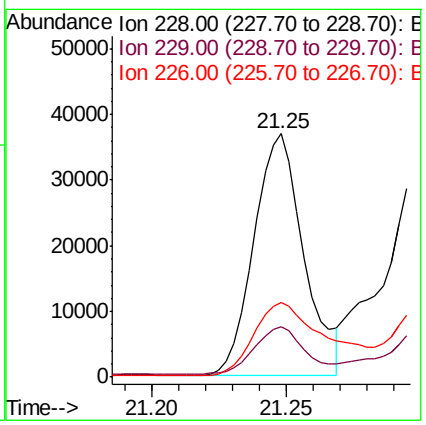
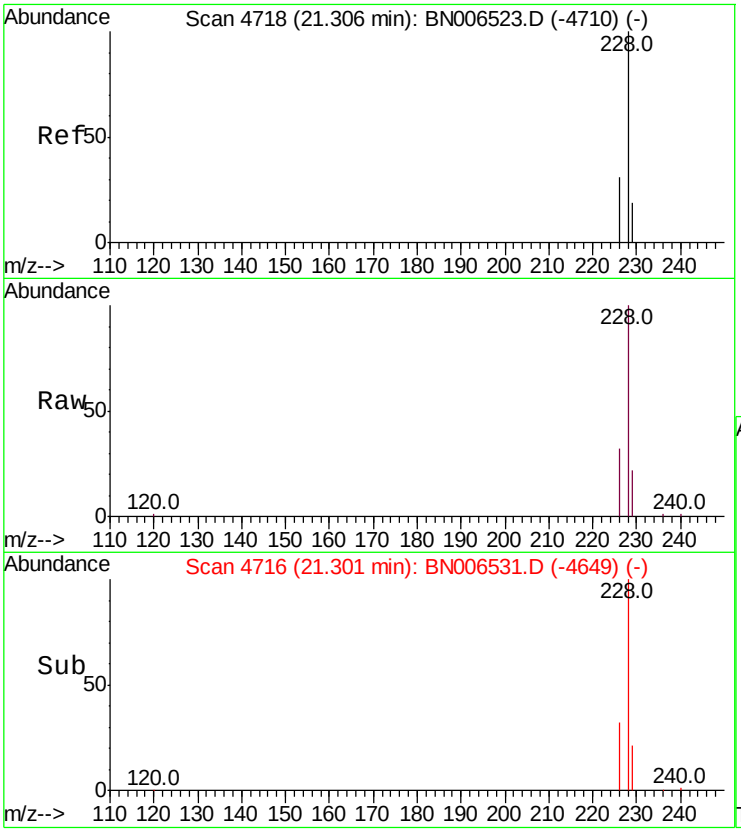


#18
Benzo(a)anthracene
Concen: 1.028 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. -0.01 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:228 Resp: 47311

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.5	24.7
226	30.9	22.8	34.2

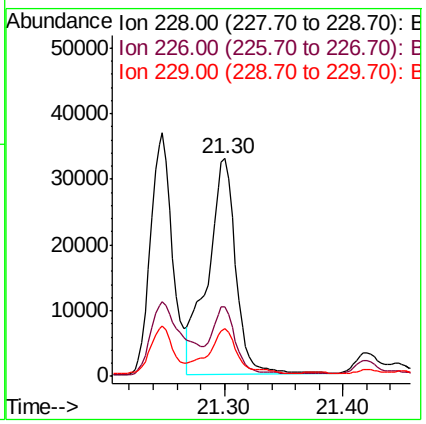




#19
Chrysene
Concen: 1.243 ng/ul
RT: 21.30 min Scan# 4716
Delta R.T. -0.01 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:228 Resp: 53705

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	21.8	16.3	24.5



Instrument :
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ClientSampleId :
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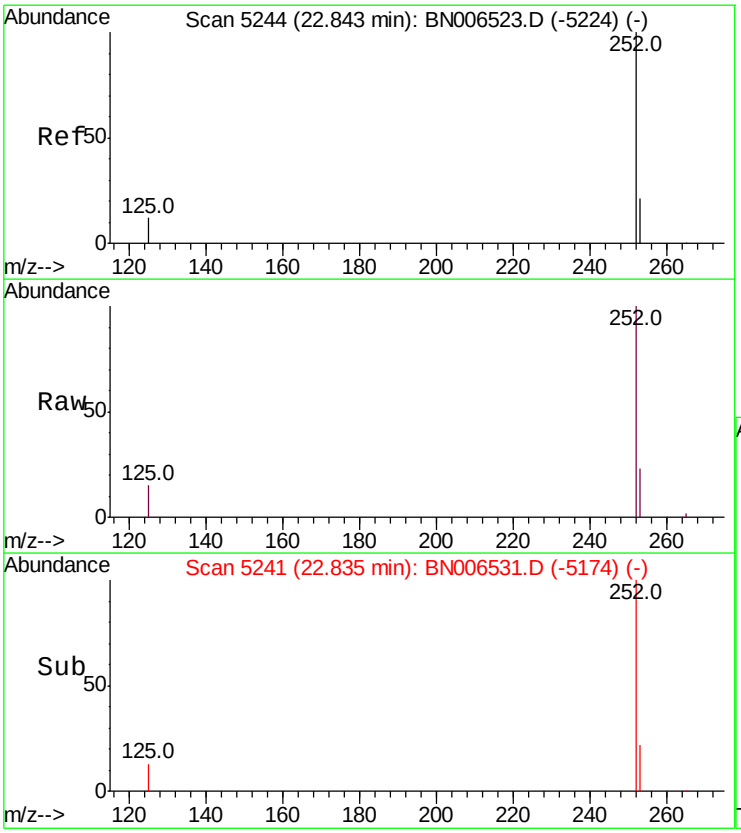
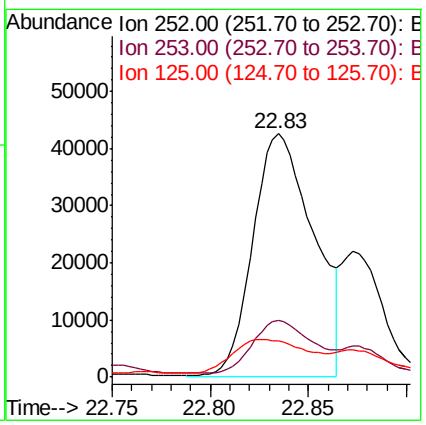
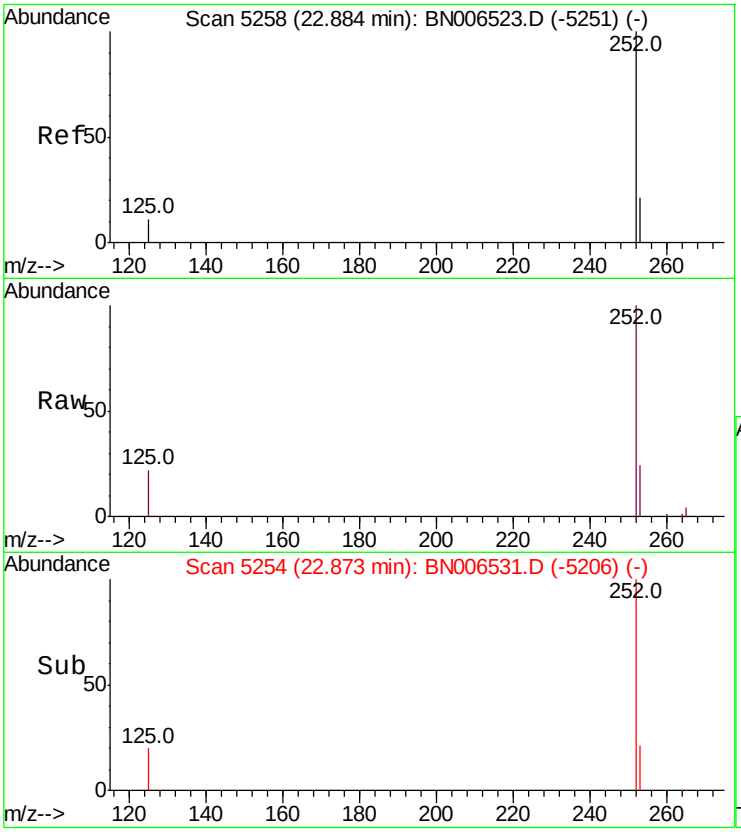


#21
Benzo(b)fluoranthene
Concen: 2.089 ng/ul m
RT: 22.83 min Scan# 5241
Delta R.T. -0.00 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:252 Resp: 92449

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	51.4
125	14.7	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 0.763 ng/ul m
RT: 22.87 min Scan# 5254
Delta R.T. -0.01 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:252 Resp: 32877

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.3	30.5
125	21.9	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
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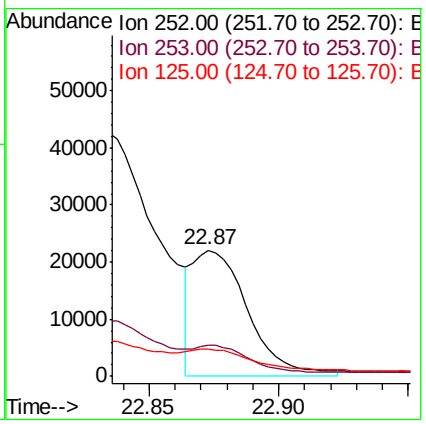
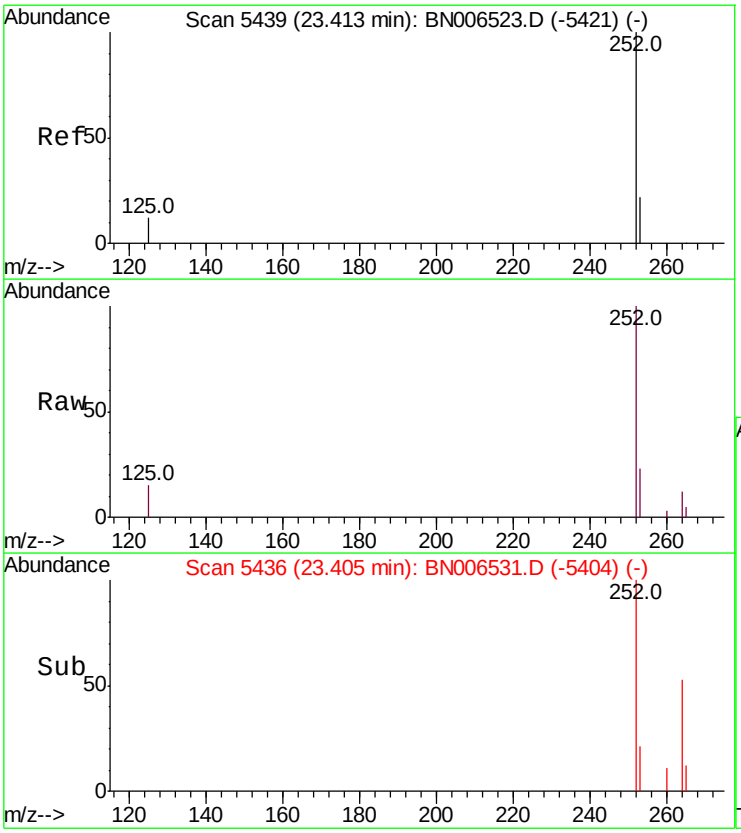
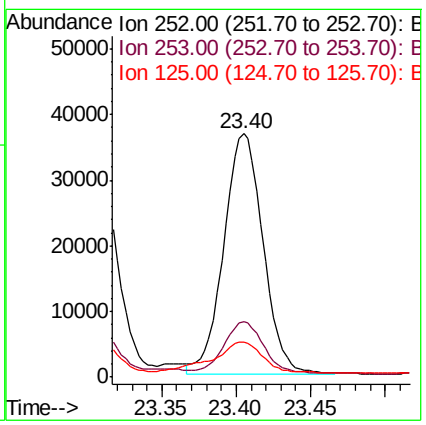


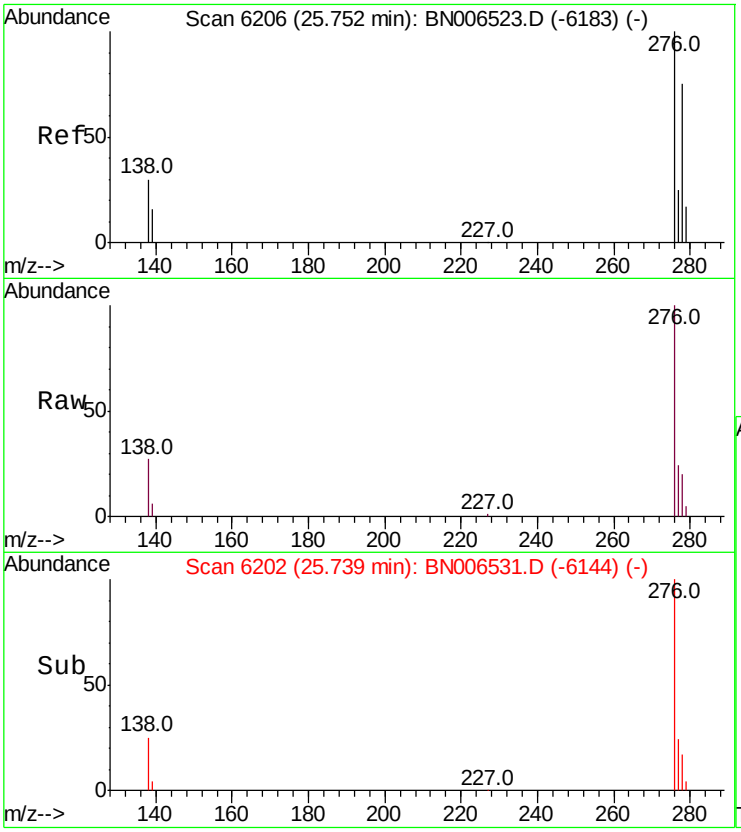


#23
Benzo(a)pyrene
Concen: 1.634 ng/ul m
RT: 23.40 min Scan# 5436
Delta R.T. -0.01 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:252 Resp: 67352

Ion	Ratio	Lower	Upper
252	100		
253	22.9	21.1	31.7
125	14.5	20.3	30.5#

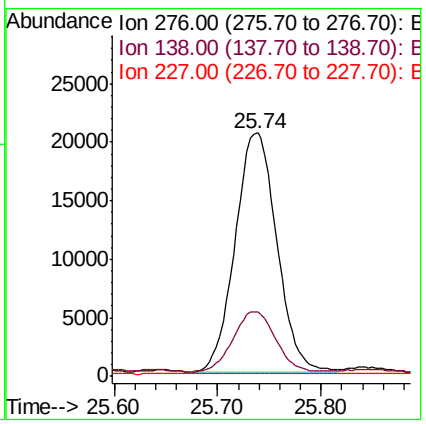




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.282 ng/ul m
RT: 25.74 min Scan# 6202
Delta R.T. -0.01 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:276 Resp: 57175

Ion	Ratio	Lower	Upper
276	100		
138	1.9	25.6	38.4#
227	0.0	0.3	0.5#



Instrument :
BNA_N
ClientSampleId :
A4206

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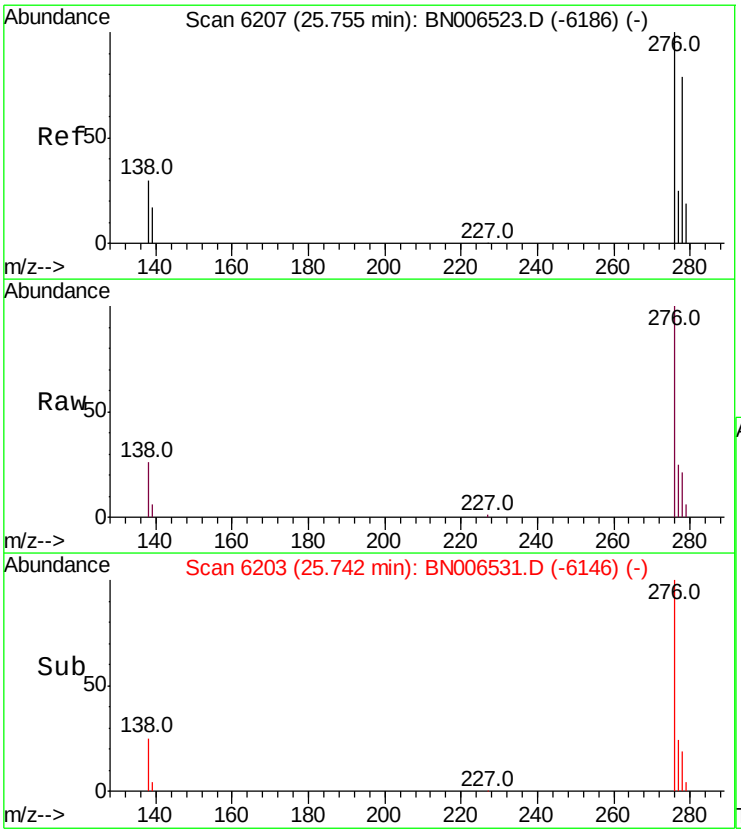
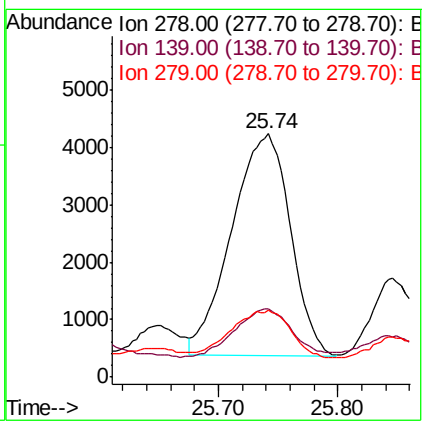
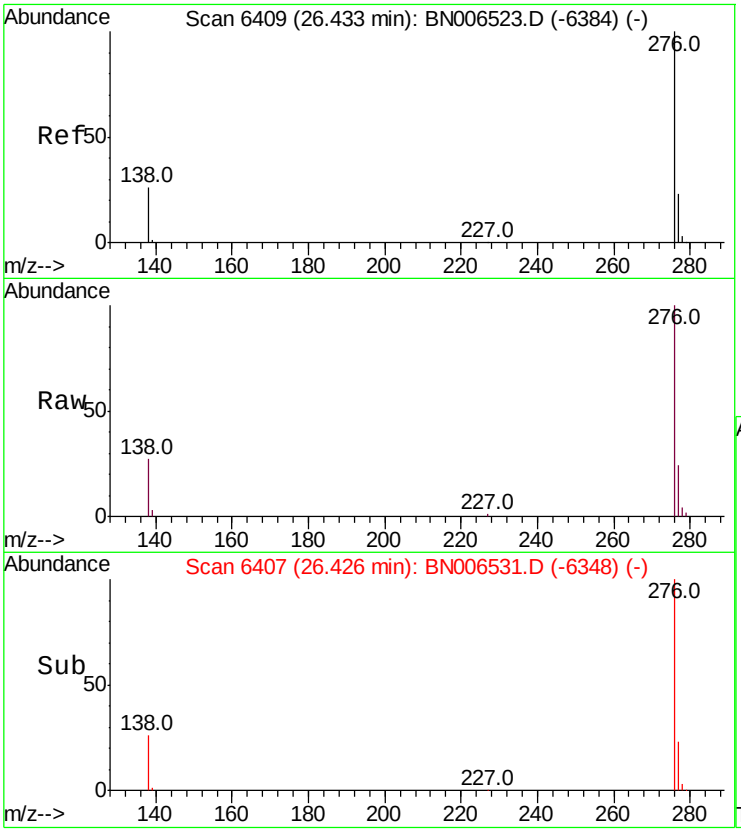


#25
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul m
RT: 25.74 min Scan# 6203
Delta R.T. -0.01 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:278 Resp: 13169

Ion	Ratio	Lower	Upper
278	100		
139	28.1	21.2	31.8
279	27.4	22.6	33.8

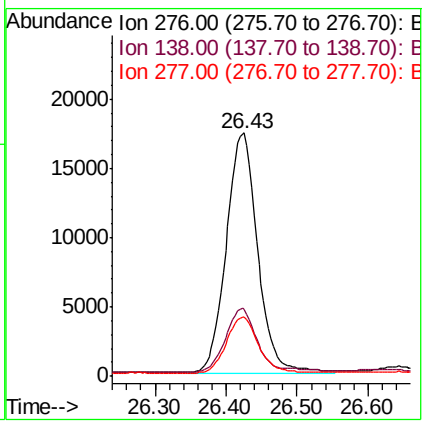




#26
Benzo(g,h,i)perylene
Concen: 1.432 ng/ul m
RT: 26.43 min Scan# 6407
Delta R.T. -0.00 min
Lab File: BN006531.D
Acq: 24 Jun 2019 15:19

Tgt Ion:276 Resp: 53485

Ion	Ratio	Lower	Upper
276	100		
138	27.4	24.2	36.4
277	24.2	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
A4206

Manual Integrations APPROVED
mohammad
6/25/2019 6:17:01 PM