Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060619\
Data File : BN006171.D
Acq On : 07 Jun 2019 17:35
Operator : JU/SJ
Sample : K3201-11DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:35 PM

Quant Time: Jun 07 18:09:11 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 : Fri Jun 07 01:31:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	2585	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	9587	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	4681	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	9367	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	8166	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	13282	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	842	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1466	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	21344	0.807	ng/ul	100
5) 2-Methylnaphthalene	12.10	142	11474	0.622	ng/ul	100
7) Acenaphthylene	14.01	152	11423	0.439	ng/ul	96
8) Acenaphthene	14.36	153	31297	1.734	ng/ul	99
9) Fluorene	15.35	166	35743	1.693	ng/ul	97
12) Phenanthrene	17.09	178	467514	15.548	ng/ul	100
13) Anthracene	17.18	178	124215	4.326	ng/ul	99
15) Fluoranthene	19.12	202	553113	16.659	ng/ul	97
17) Pyrene	19.49	202	460049	10.695	ng/ul	99
18) Benzo(a)anthracene	21.26	228	255103	7.063	ng/ul	99
19) Chrysene	21.31	228	239417	7.061	ng/ul	97
21) Benzo(b)fluoranthene	22.85	252	274938m	4.964	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	118522m	2.197	ng/ul	
23) Benzo(a)pyrene	23.41	252	186198	3.610	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.75	276	108636	1.946	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.75	278	33600	0.753	ng/ul	97
26) Benzo(g,h,i)perylene	26.43	276	78742	1.684	ng/ul	95

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

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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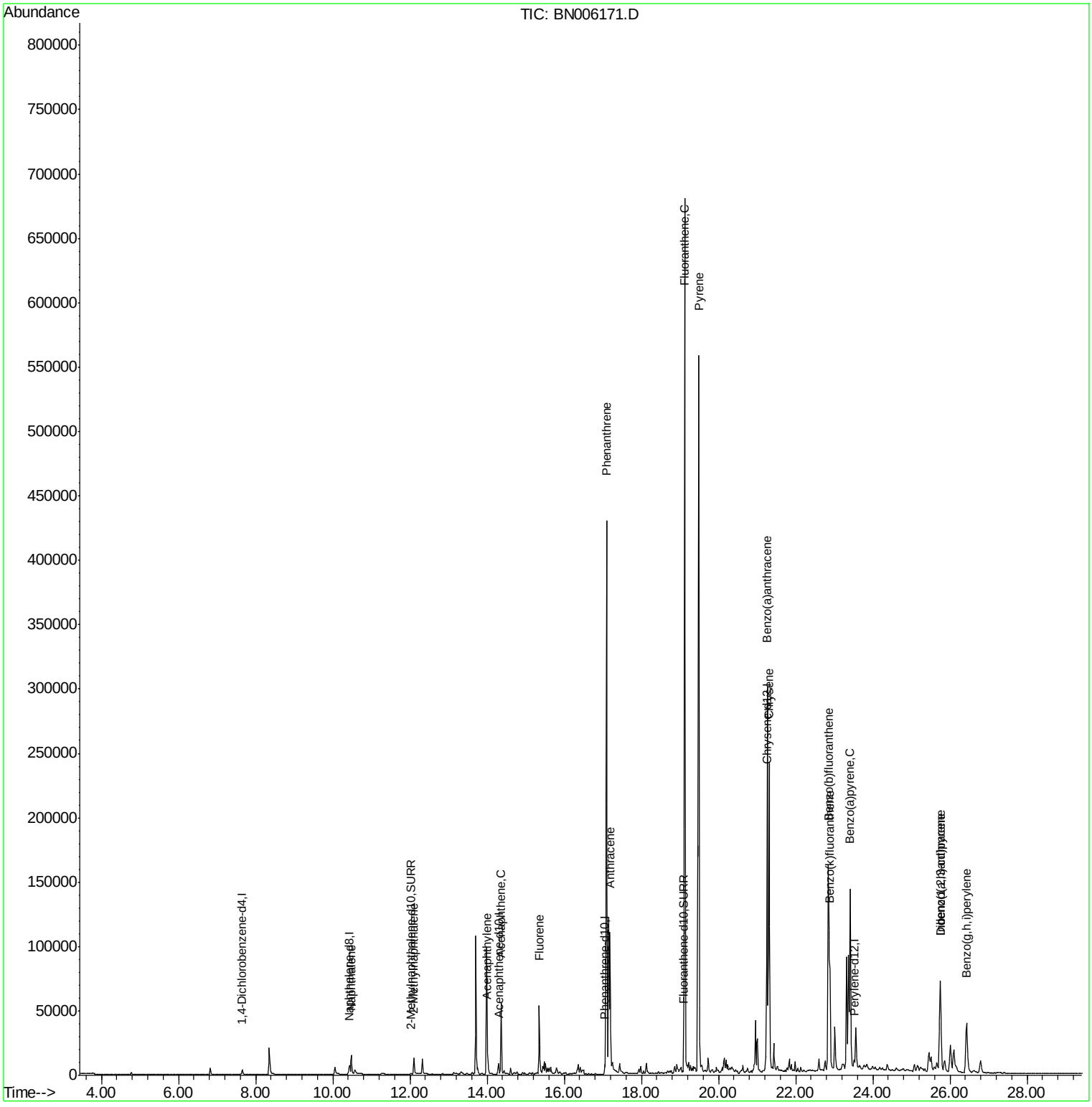
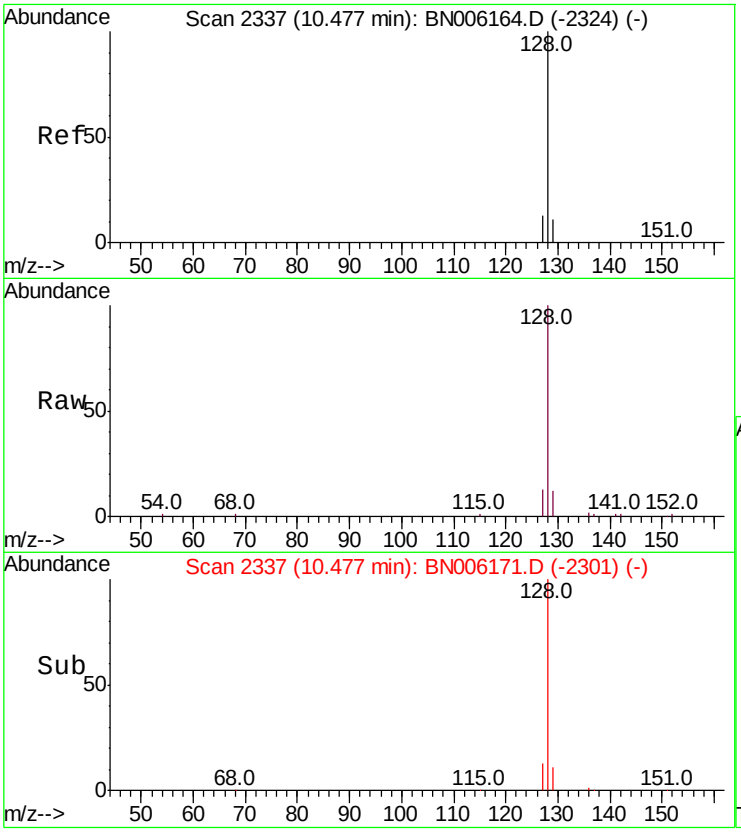
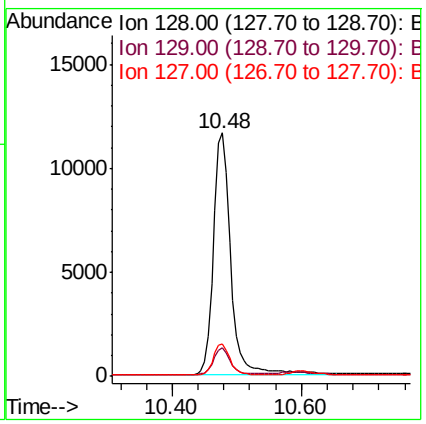




#3
Naphthalene
Concen: 0.807 ng/ul
RT: 10.48 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:128 Resp: 21344

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.3	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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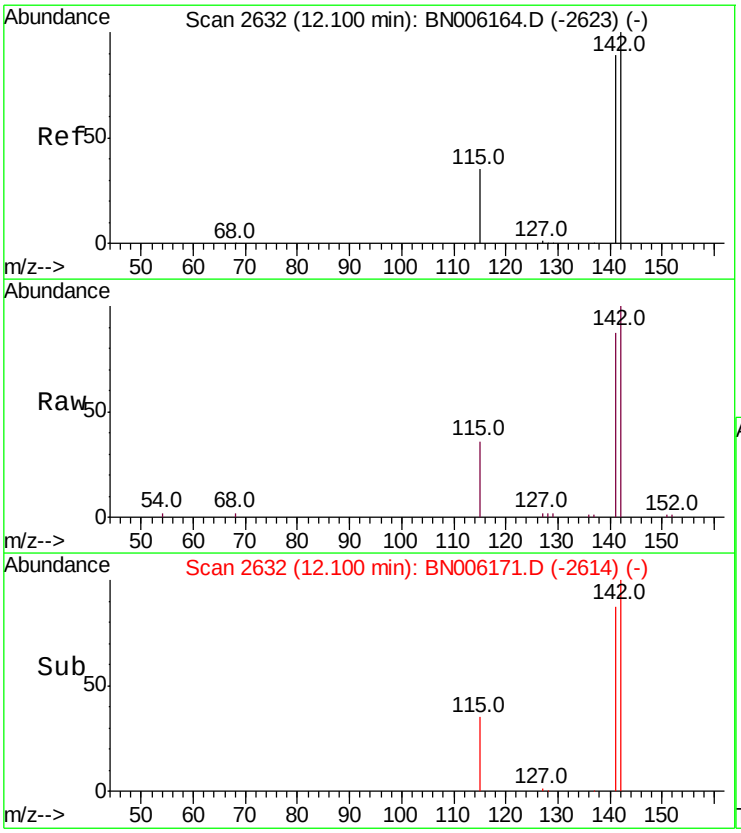
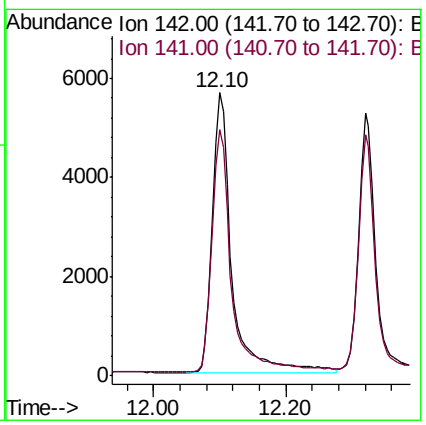
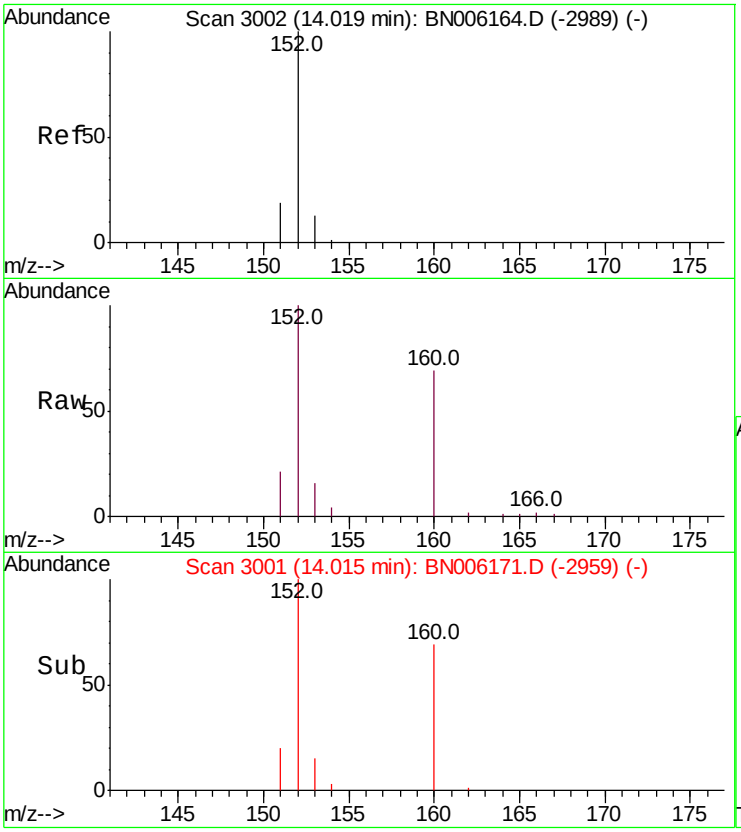


#5
2-Methylnaphthalene
Concen: 0.622 ng/ul
RT: 12.10 min Scan# 2632
Delta R.T. 0.00 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:142 Resp: 11474

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5

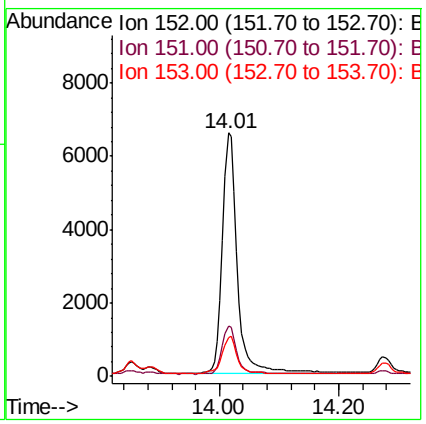




#7
Acenaphthylene
Concen: 0.439 ng/ul
RT: 14.01 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:152 Resp: 11423

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8
153	15.9	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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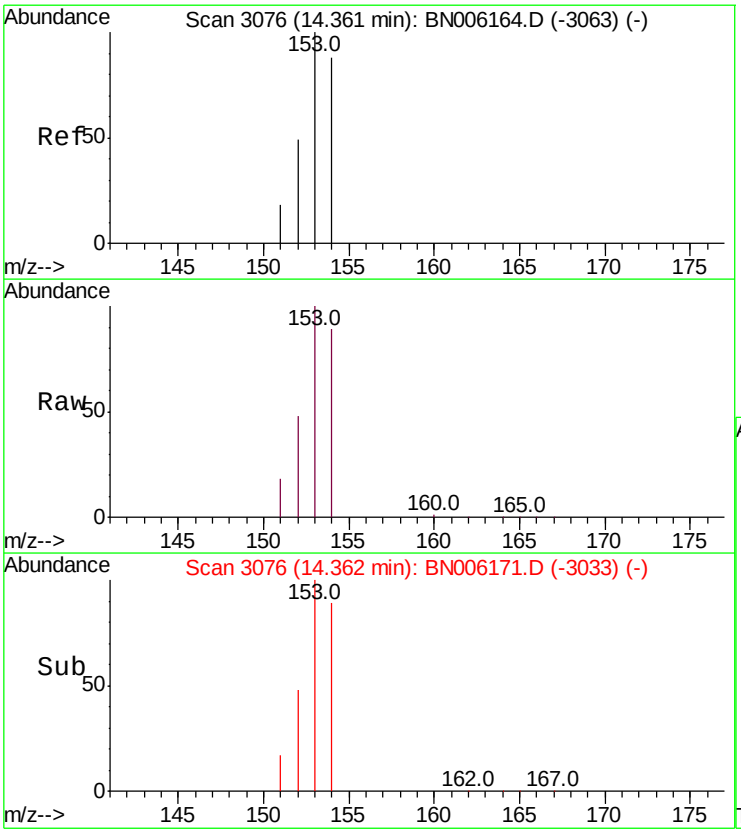
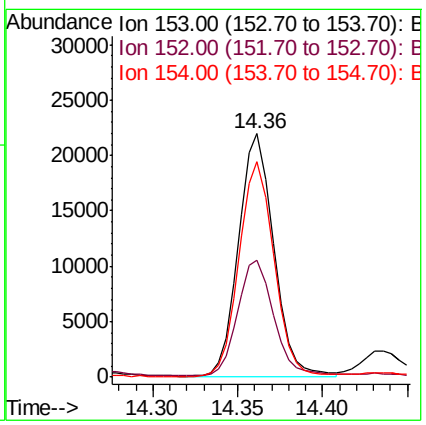
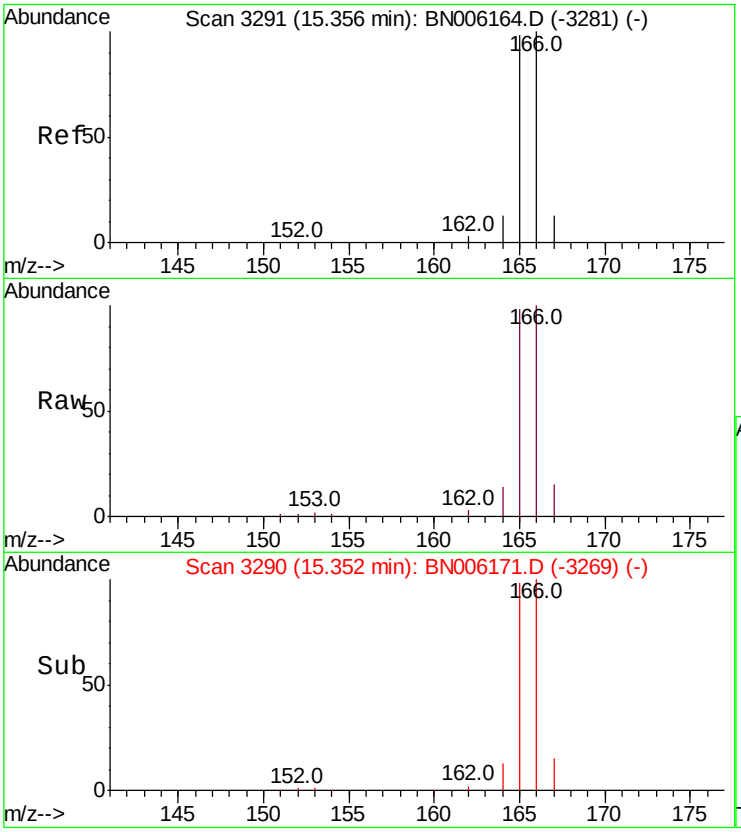


#8
Acenaphthene
Concen: 1.734 ng/ul
RT: 14.36 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:153 Resp: 31297

Ion	Ratio	Lower	Upper
153	100		
152	48.2	39.1	58.7
154	88.7	71.1	106.7

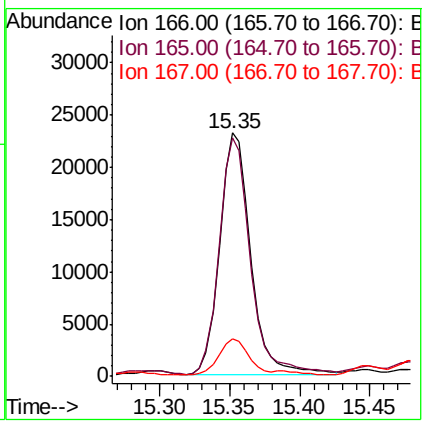




#9
Fluorene
Concen: 1.693 ng/ul
RT: 15.35 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:166 Resp: 35743

Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.4	114.6
167	15.3	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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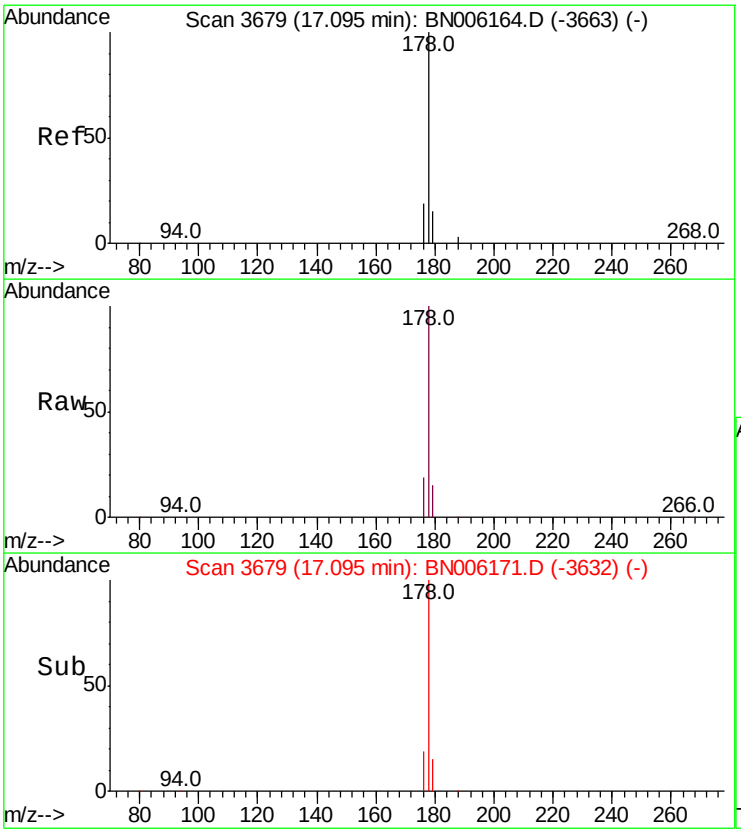
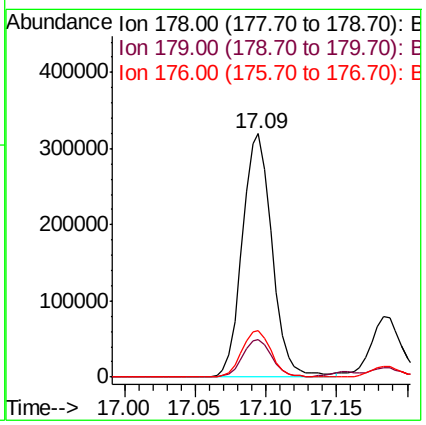
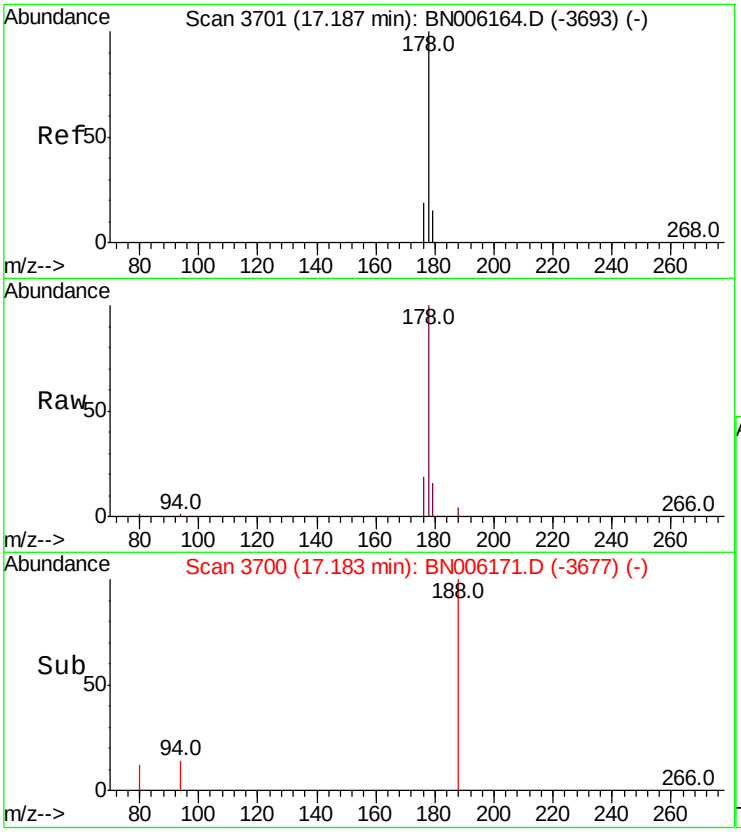


#12
Phenanthrene
Concen: 15.548 ng/ul
RT: 17.09 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:178 Resp: 467514

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.2	15.3	22.9

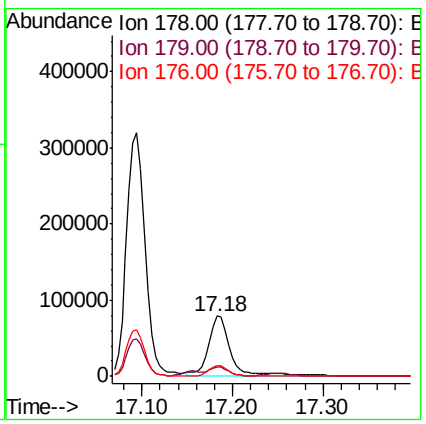




#13
Anthracene
Concen: 4.326 ng/ul
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:178 Resp: 124215

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	18.7	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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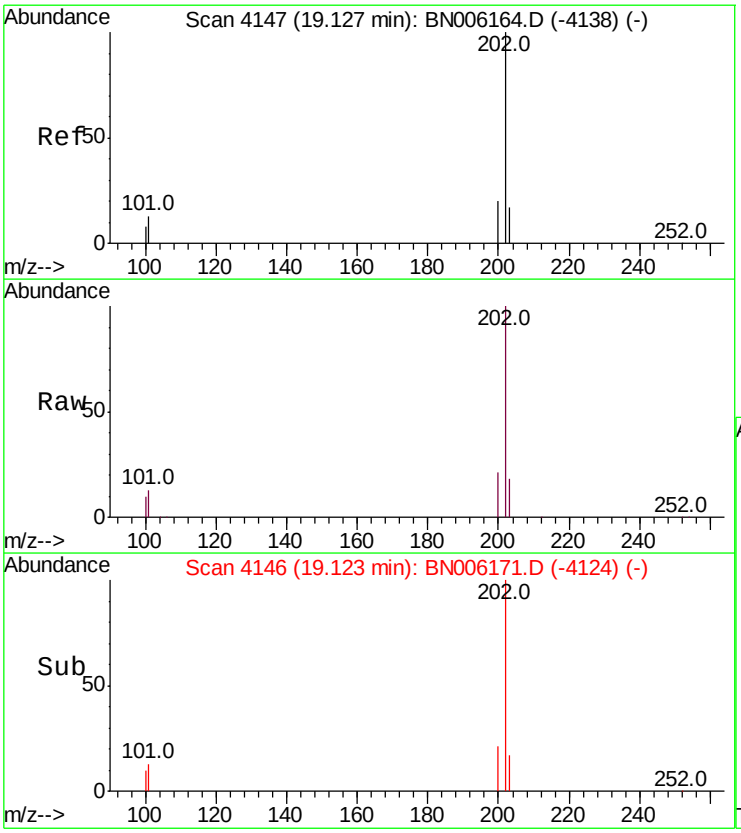
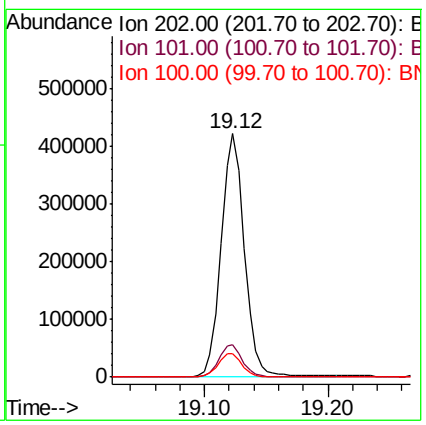
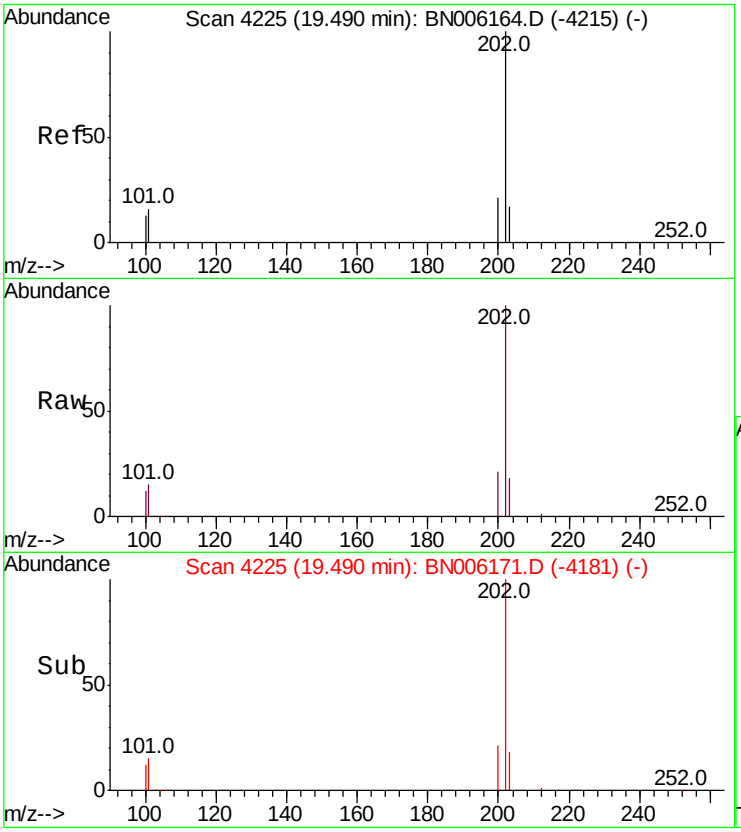


#15
Fluoranthene
Concen: 16.659 ng/ul
RT: 19.12 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:202 Resp: 553113

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	32.1
100	9.7	0.0	28.7

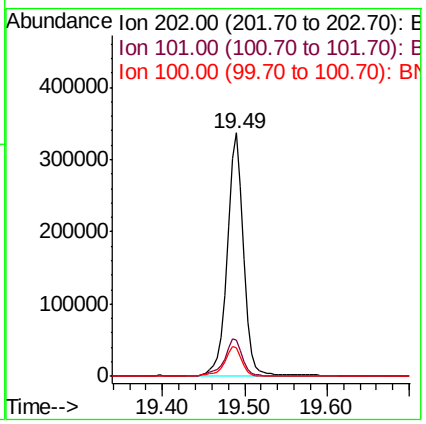




#17
Pyrene
Concen: 10.695 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:202 Resp: 460049

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.2	18.2
100	11.6	9.8	14.6



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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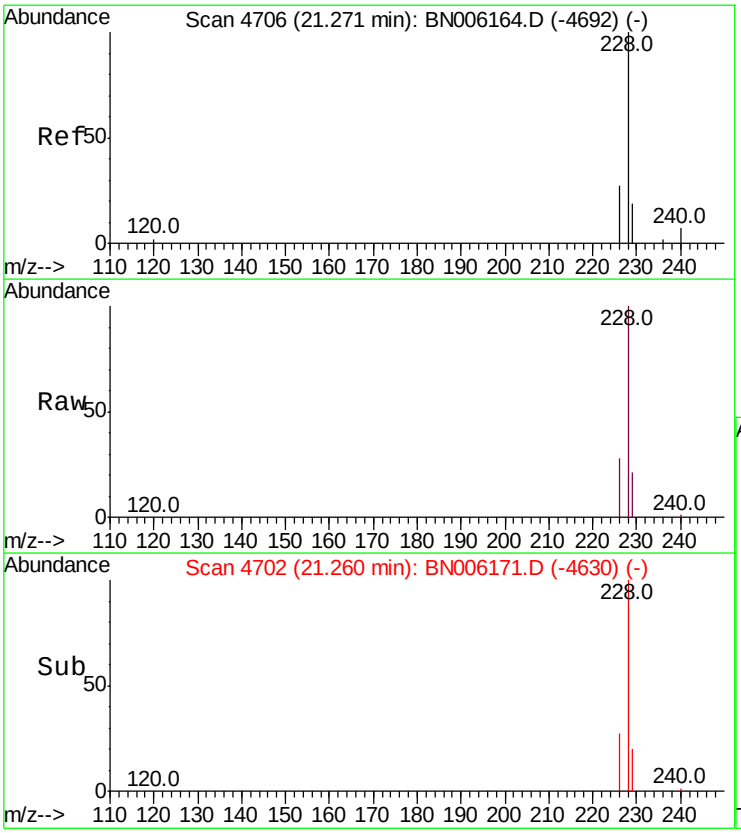
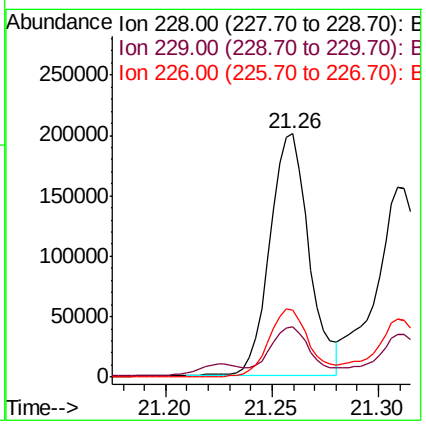
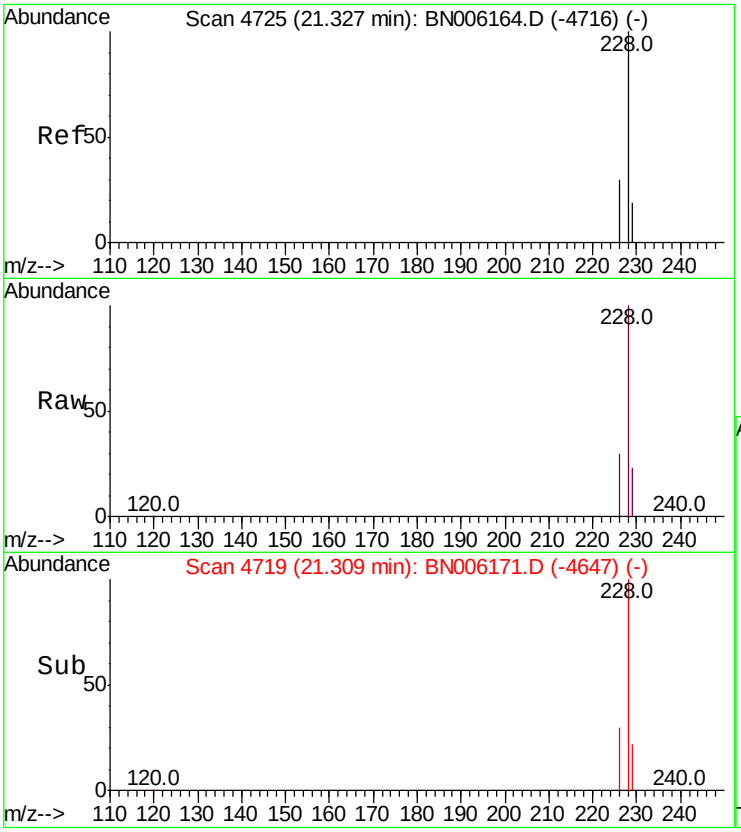


#18
Benzo(a)anthracene
Concen: 7.063 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. 0.01 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:228 Resp: 255103

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.5	24.7
226	27.6	22.8	34.2

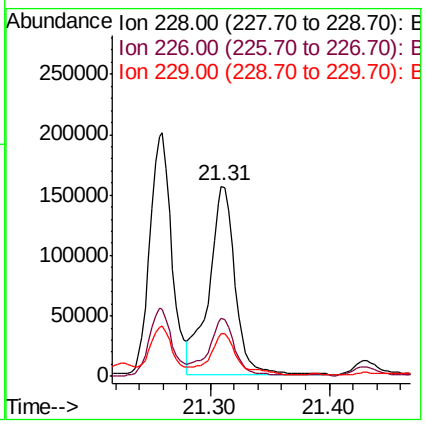




#19
Chrysene
Concen: 7.061 ng/ul
RT: 21.31 min Scan# 4719
Delta R.T. 0.01 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:228 Resp: 239417

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.7	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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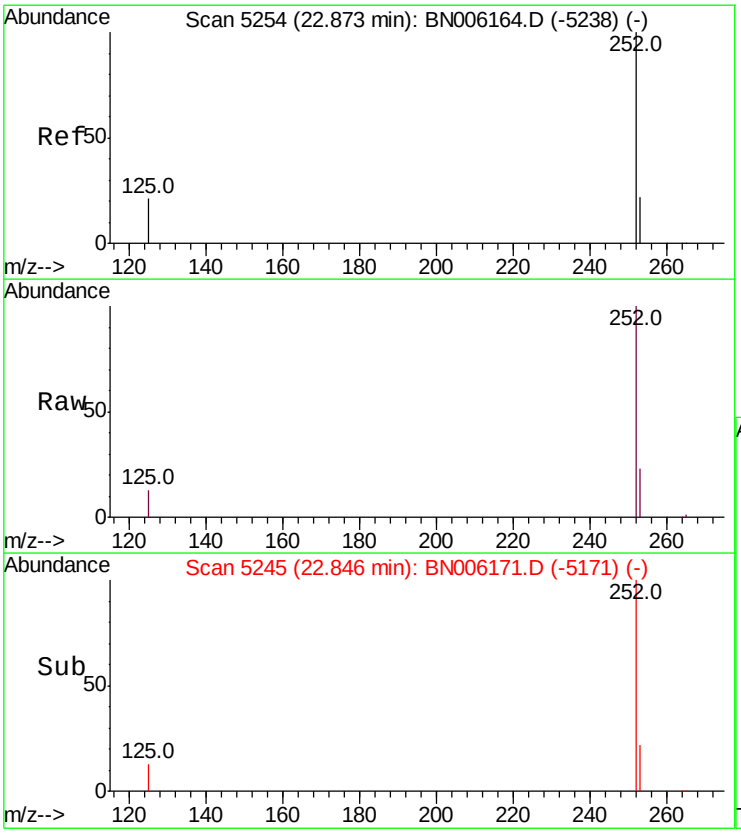
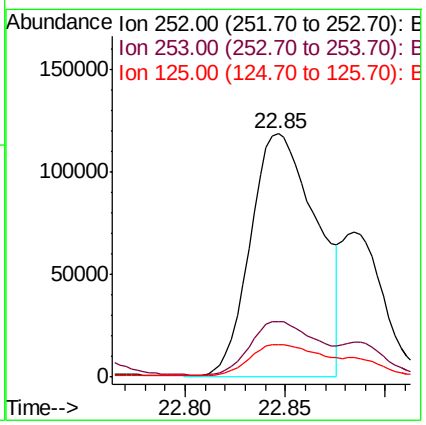
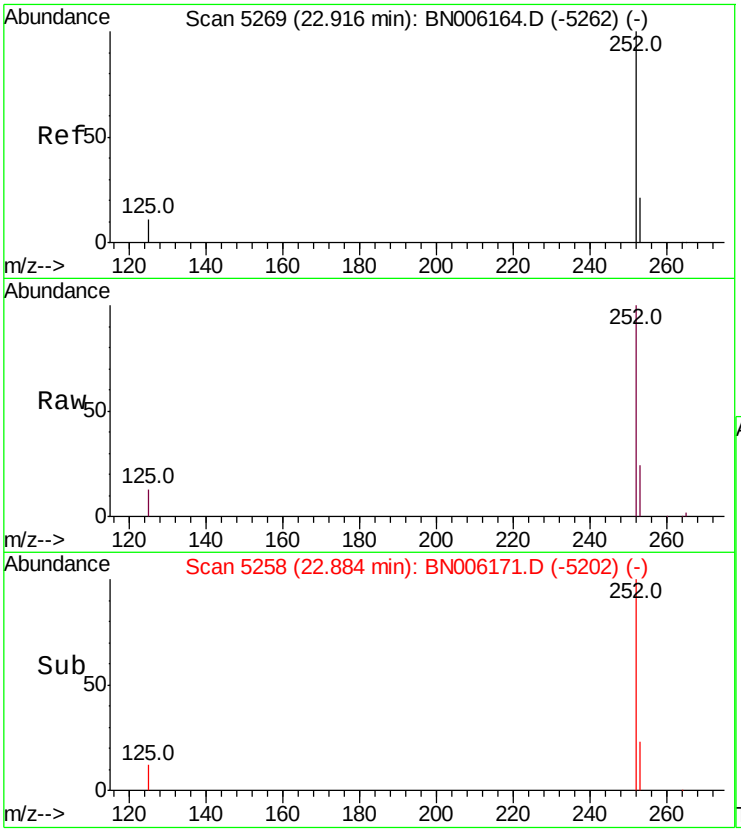


#21
Benzo(b)fluoranthene
Concen: 4.964 ng/ul m
RT: 22.85 min Scan# 5245
Delta R.T. 0.02 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:252 Resp: 274938

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	51.4
125	13.5	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 2.197 ng/ul m
RT: 22.88 min Scan# 5258
Delta R.T. 0.01 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:252 Resp: 118522

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.3	30.5
125	13.2	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
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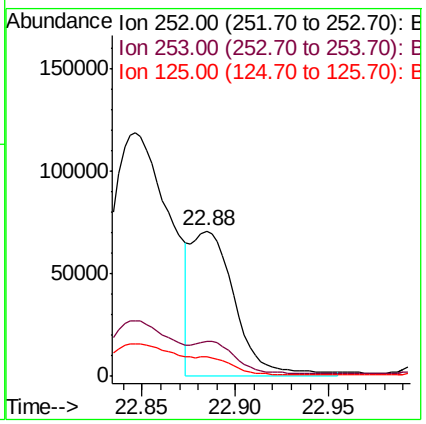
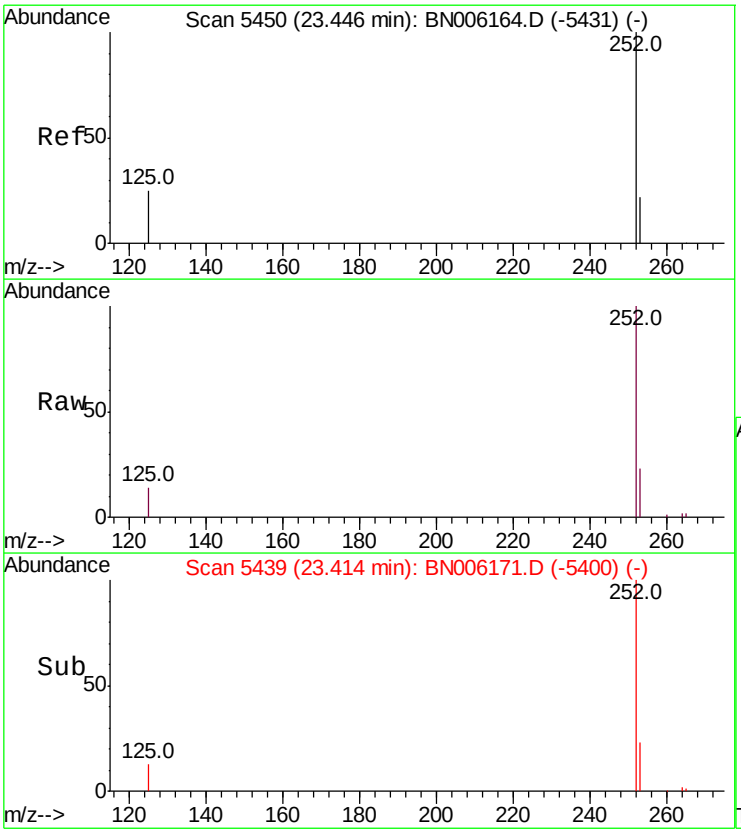
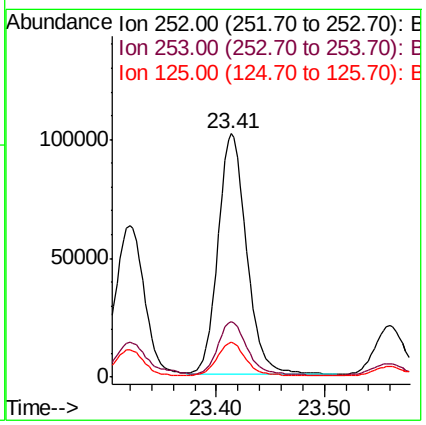


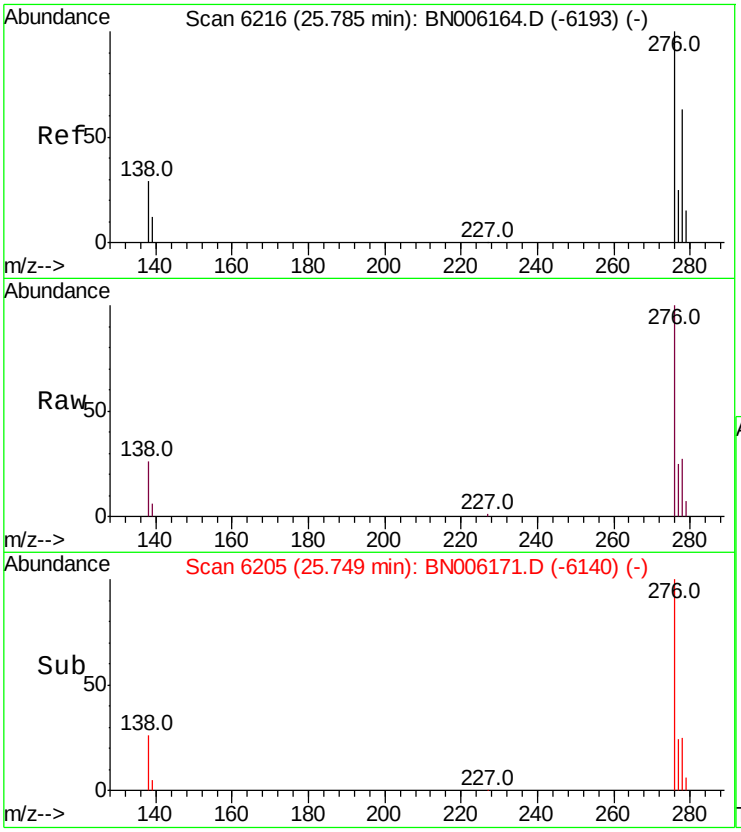


#23
Benzo(a)pyrene
Concen: 3.610 ng/ul
RT: 23.41 min Scan# 5439
Delta R.T. 0.01 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:252 Resp: 186198

Ion	Ratio	Lower	Upper
252	100		
253	23.0	21.1	31.7
125	14.1	20.3	30.5#





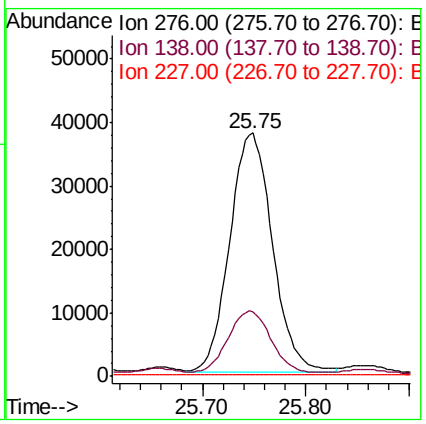
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.946 ng/ul
RT: 25.75 min Scan# 6205
Delta R.T. 0.02 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

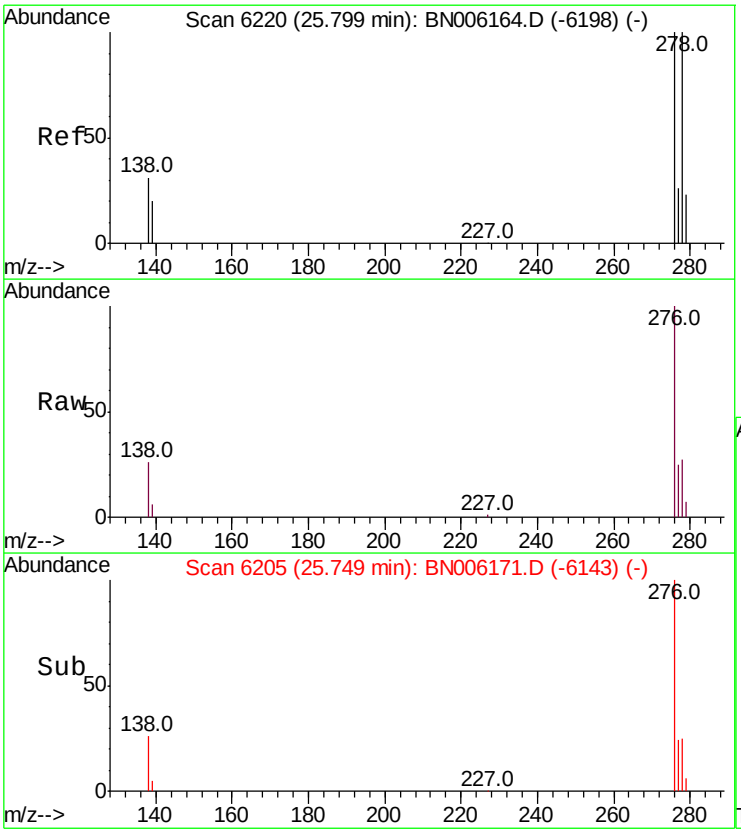
Tgt Ion:276 Resp: 108636

Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.6	38.4
227	0.3	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:35 PM

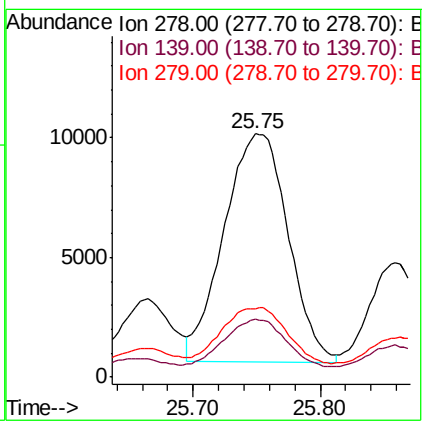


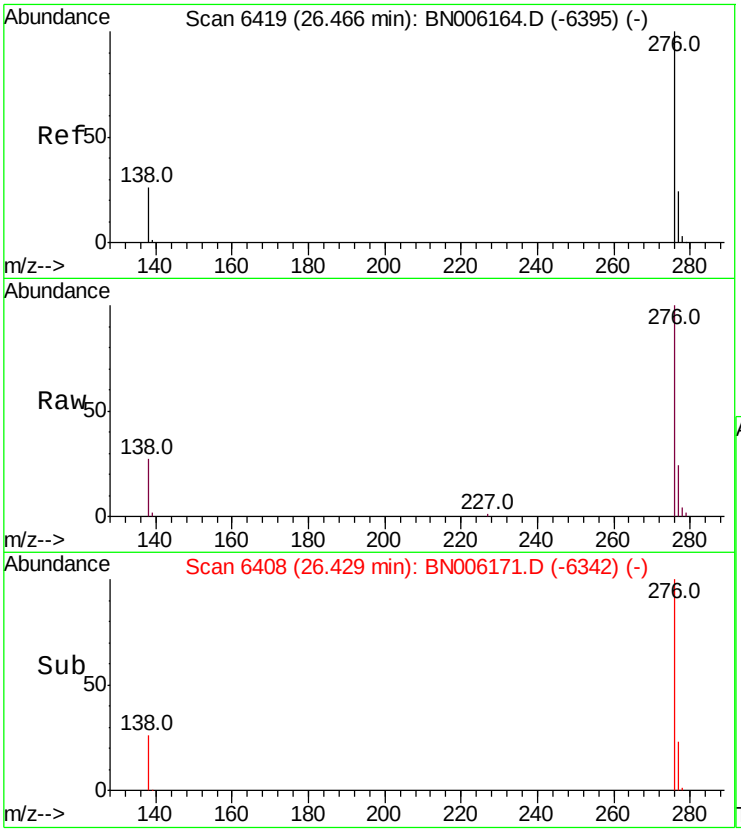


#25
Dibenzo(a,h)anthracene
Concen: 0.753 ng/ul
RT: 25.75 min Scan# 6205
Delta R.T. 0.01 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:278 Resp: 33600

Ion	Ratio	Lower	Upper
278	100		
139	23.6	21.2	31.8
279	28.1	22.6	33.8

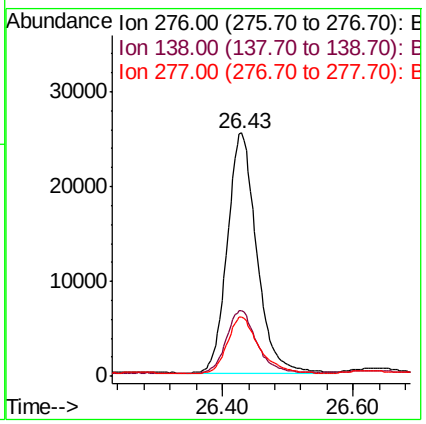




#26
Benzo(g,h,i)perylene
Concen: 1.684 ng/ul
RT: 26.43 min Scan# 6408
Delta R.T. 0.02 min
Lab File: BN006171.D
Acq: 07 Jun 2019 17:35

Tgt Ion:276 Resp: 78742

Ion	Ratio	Lower	Upper
276	100		
138	27.0	24.2	36.4
277	24.5	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
mohammad
6/11/2019 5:08:35 PM