Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008236.D
Acq On : 18 Oct 2019 00:10
Operator : JU
Sample : K5177-22
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPC9

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:39 PM

Quant Time: Oct 18 04:00:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2945	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14161	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8624	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	18731m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	14041	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	11769	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3293	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	9378	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	2124	0.053	ng/ul#	90
5) 2-Methylnaphthalene	12.04	142	1456	0.053	ng/ul	99
7) Acenaphthylene	13.95	152	2654	0.065	ng/ul#	93
8) Acenaphthene	14.30	153	22025	0.690	ng/ul	99
9) Fluorene	15.29	166	28451	0.784	ng/ul	98
12) Phenanthrene	17.03	178	769605	14.034	ng/ul	98
13) Anthracene	17.12	178	109498	2.269	ng/ul	98
15) Fluoranthene	19.06	202	1480320	20.438	ng/ul	100
17) Pyrene	19.42	202	1124884	20.121	ng/ul	99
18) Benzo(a)anthracene	21.17	228	430685	8.437	ng/ul	99
19) Chrysene	21.22	228	445745	7.115	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	452970m	11.823	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	147410m	3.397	ng/ul	
23) Benzo(a)pyrene	23.27	252	299289	7.424	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.53	276	208774	4.397	ng/ul	99
25) Dibenzo(a,h)anthracene	25.54	278	44790	1.193	ng/ul	96
26) Benzo(g,h,i)perylene	26.19	276	195004	4.479	ng/ul	98

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 24 Sample Multiplier: 1

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Instrument :
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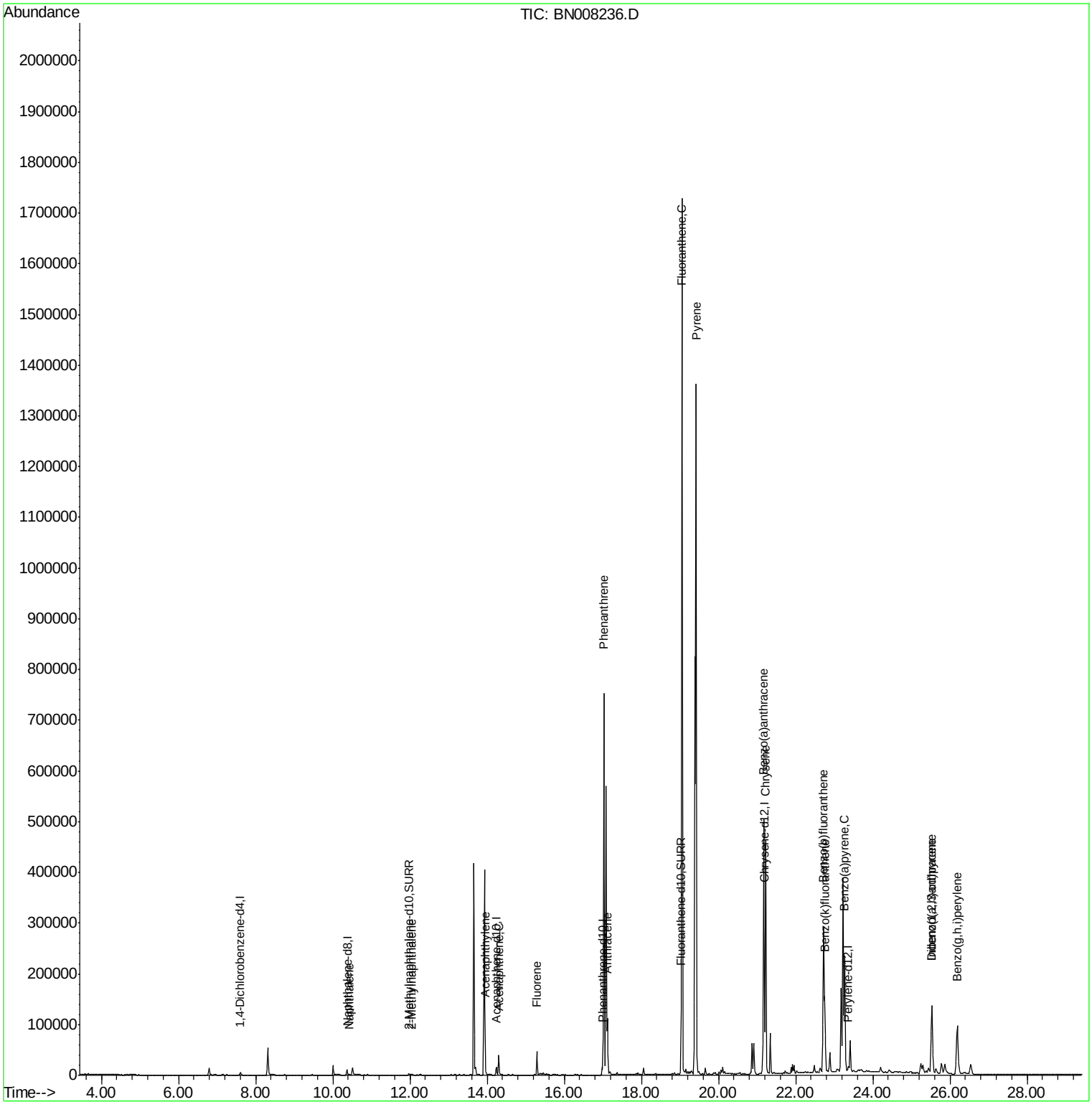

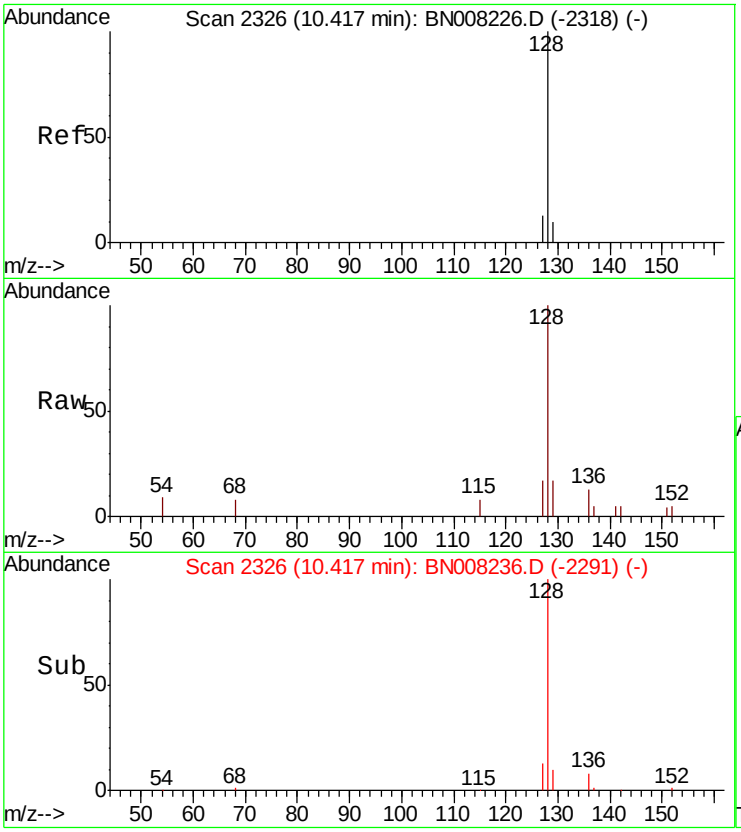

#3
Naphthalene
Concen: 0.053 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:128 Resp: 2124

Ion	Ratio	Lower	Upper
128	100		
129	17.4	9.8	14.8#
127	16.9	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEPC9

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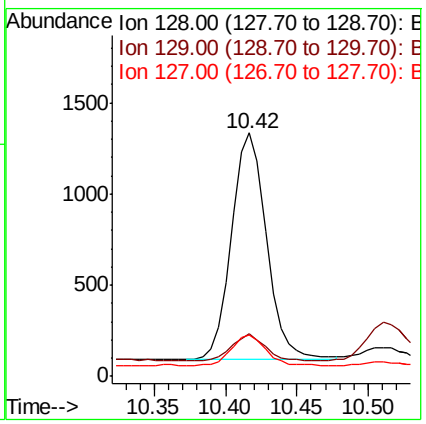
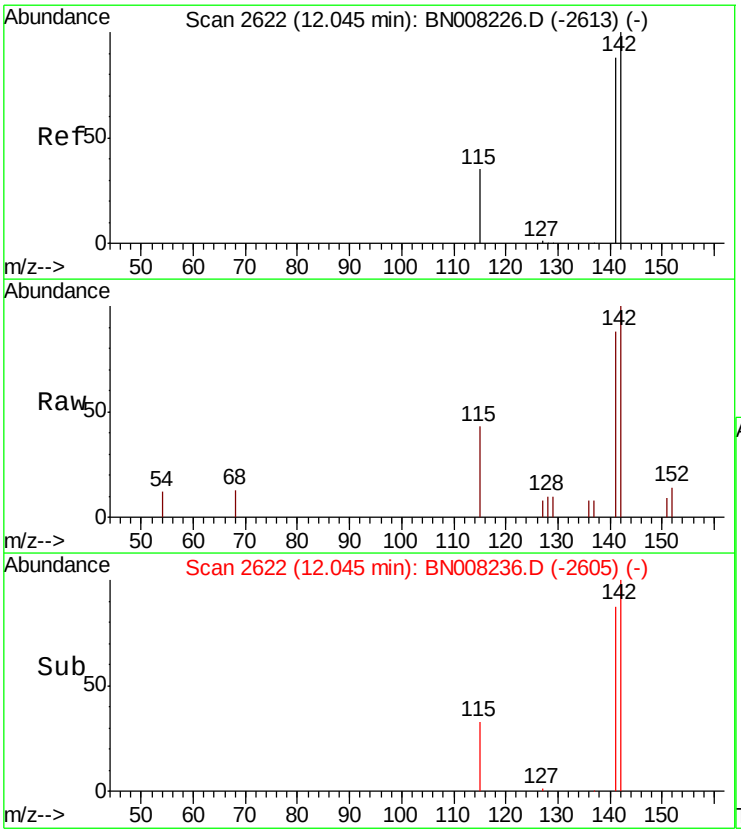
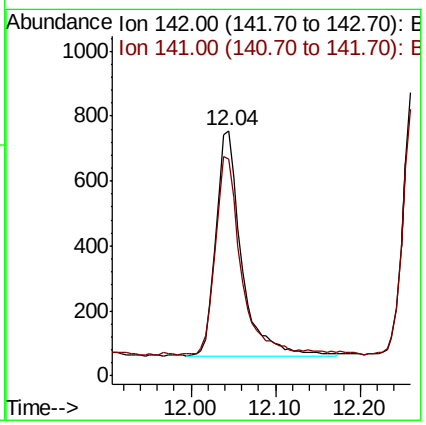


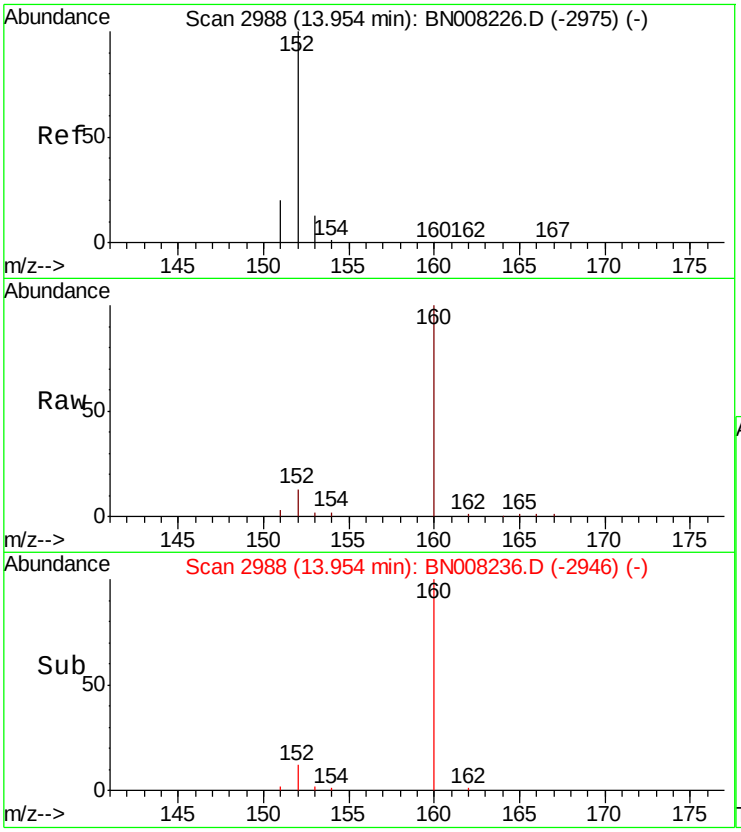


#5
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.04 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:142 Resp: 1456

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2





#7
Acenaphthylene
Concen: 0.065 ng/ul
RT: 13.95 min Scan# 2988
Delta R.T. -0.00 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:152 Resp: 2654

Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.2	24.4
153	17.8	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
BEPC9

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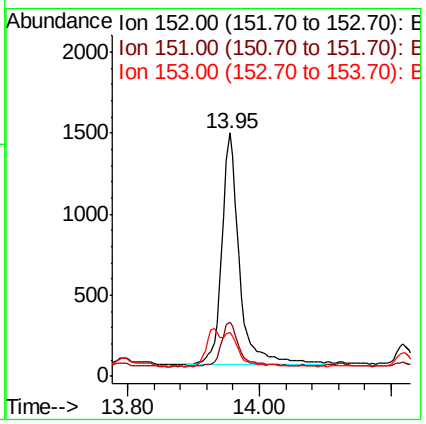
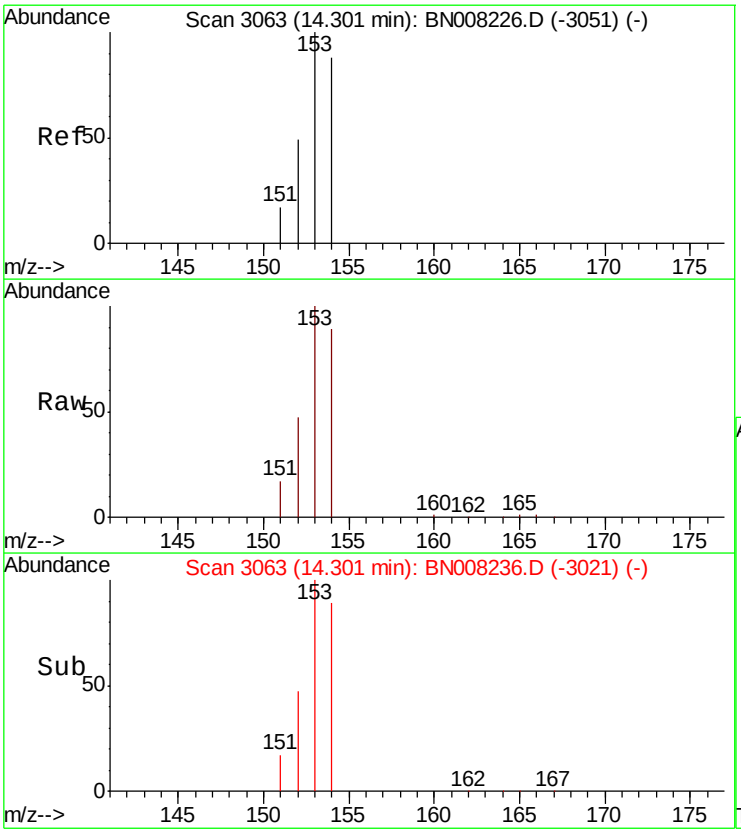
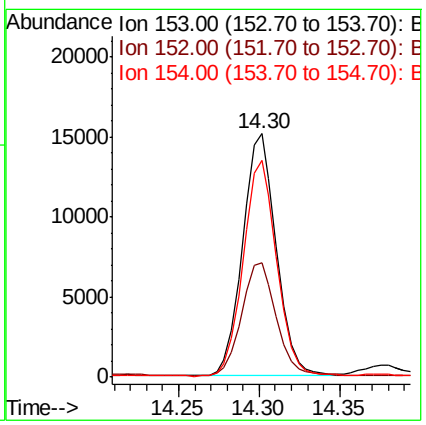


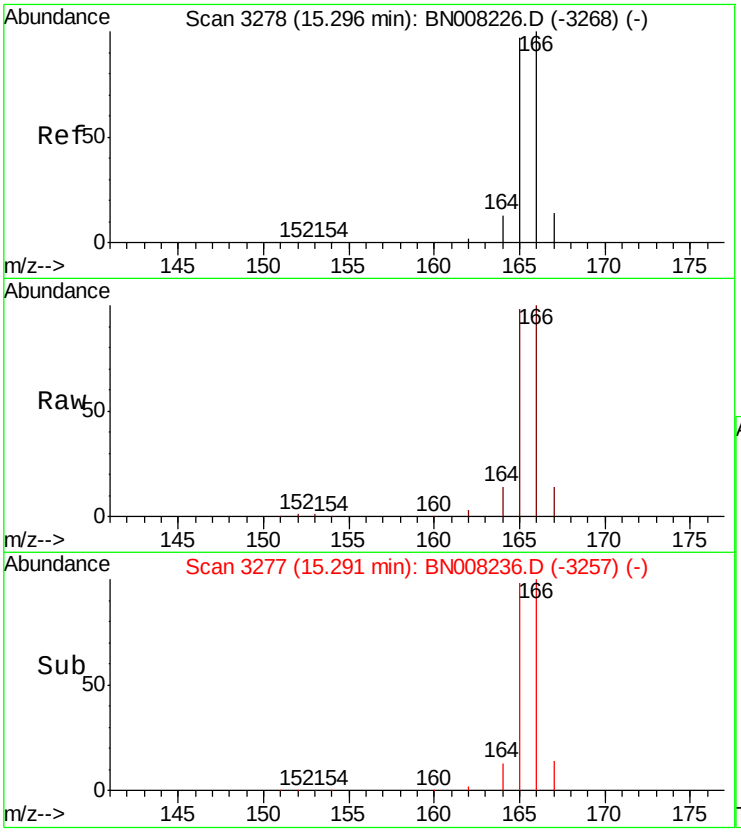


#8
Acenaphthene
Concen: 0.690 ng/ul
RT: 14.30 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:153 Resp: 22025

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.2	57.2
154	89.2	71.8	107.8

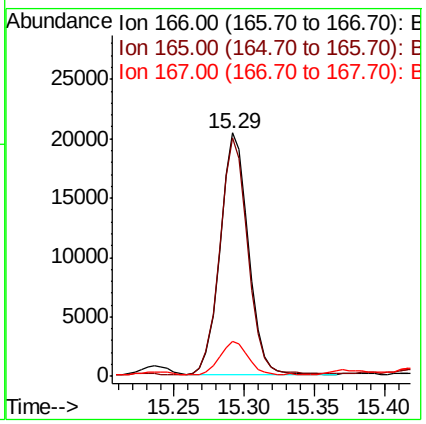




#9
Fluorene
Concen: 0.784 ng/ul
RT: 15.29 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:166 Resp: 28451

Ion	Ratio	Lower	Upper
166	100		
165	98.1	76.6	115.0
167	14.5	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
BEPC9

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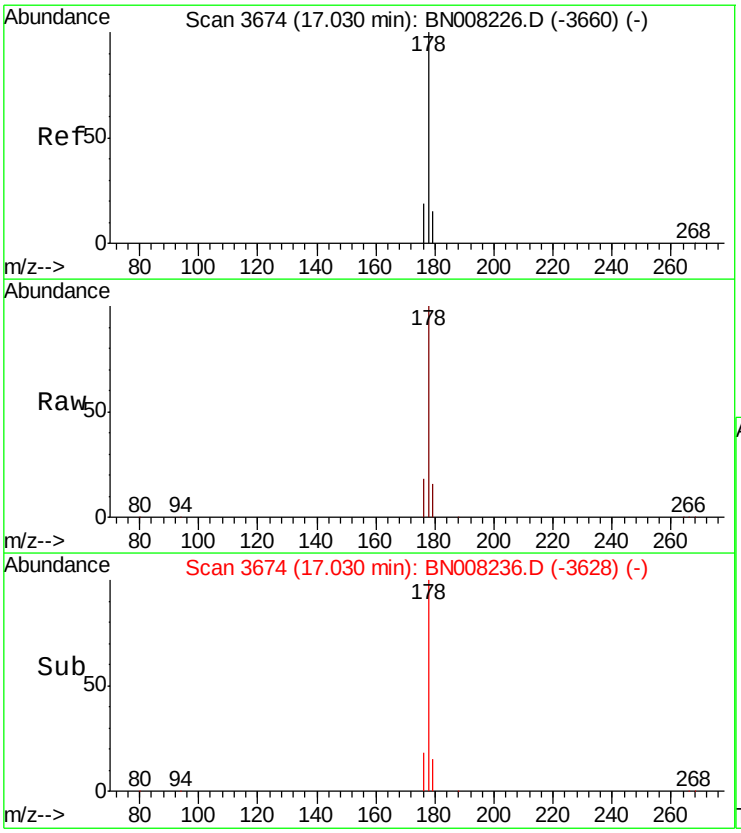
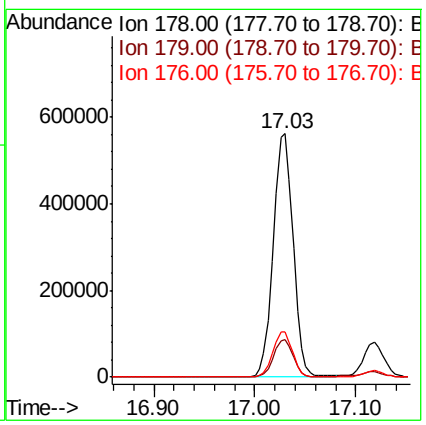
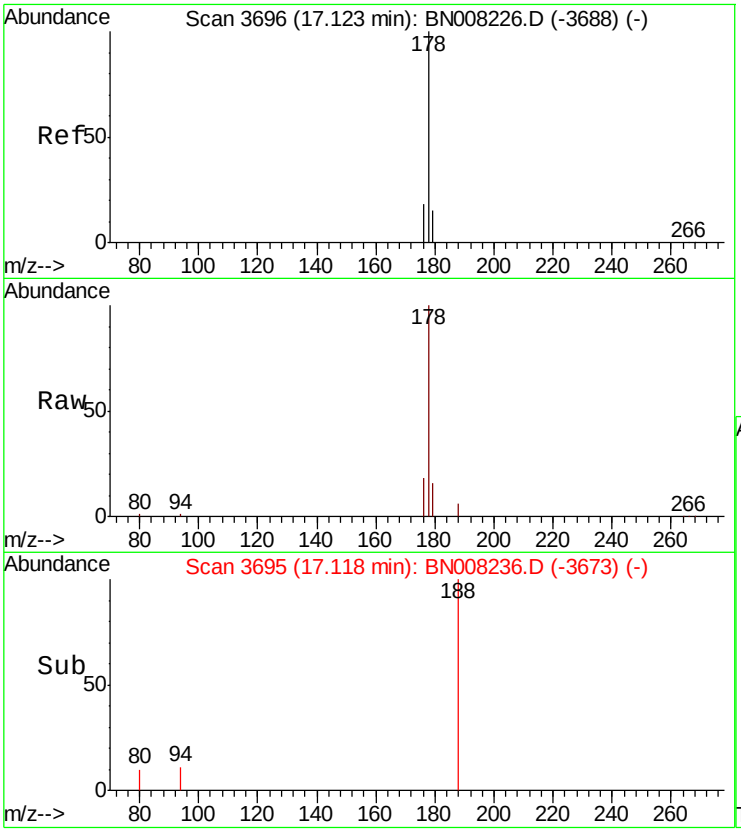


#12
Phenanthrene
Concen: 14.034 ng/ul
RT: 17.03 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:178 Resp: 769605

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.5	15.4	23.2

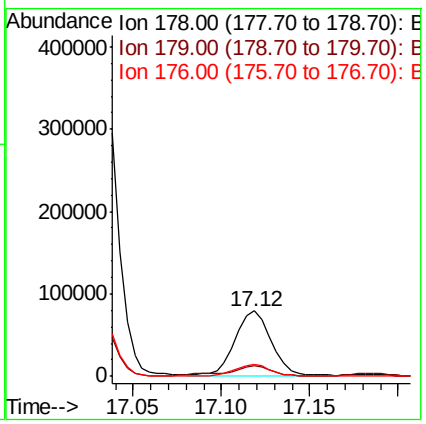




#13
Anthracene
Concen: 2.269 ng/ul
RT: 17.12 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:178 Resp: 109498

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	18.0	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPC9

Manual Integrations APPROVED
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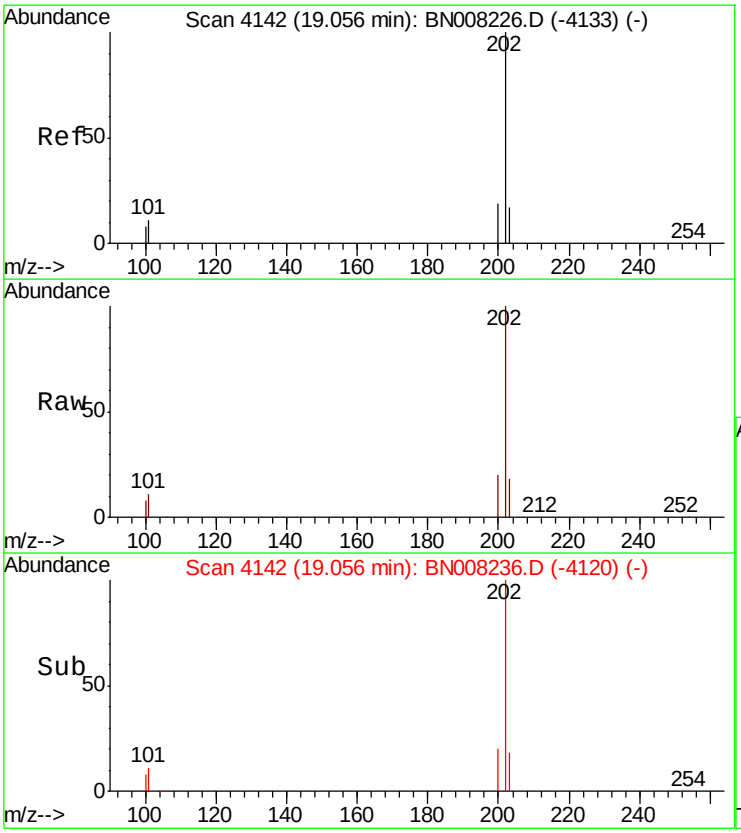
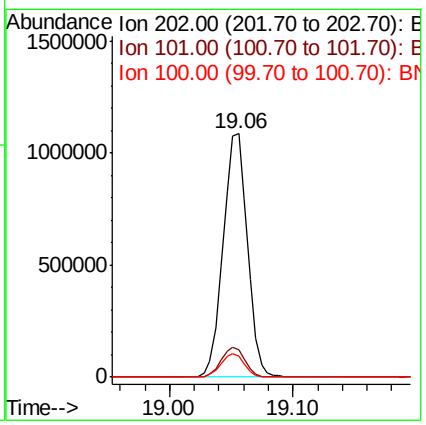
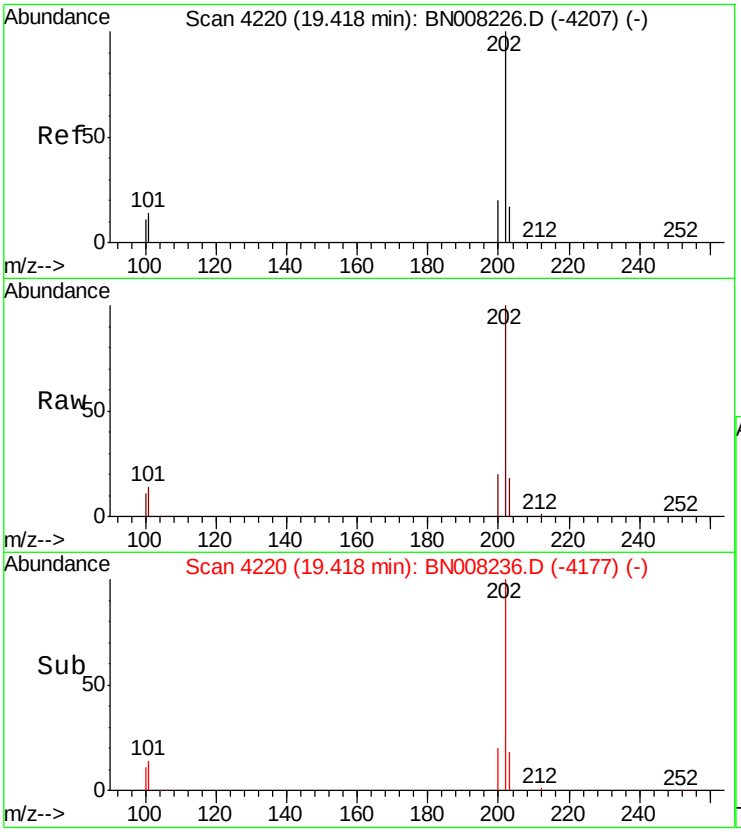


#15
Fluoranthene
Concen: 20.438 ng/ul
RT: 19.06 min Scan# 4142
Delta R.T. 0.00 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:202 Resp: 1480320

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.2
100	8.4	0.0	28.5

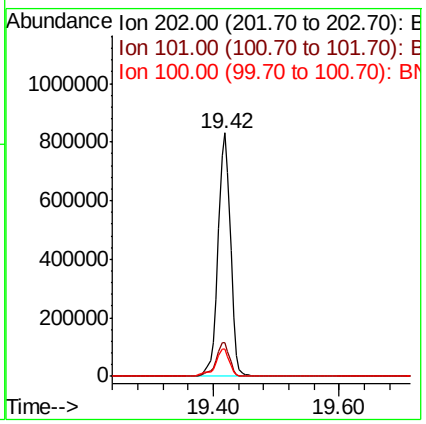




#17
Pyrene
Concen: 20.121 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:202 Resp: 1124884

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.2	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
BEPC9

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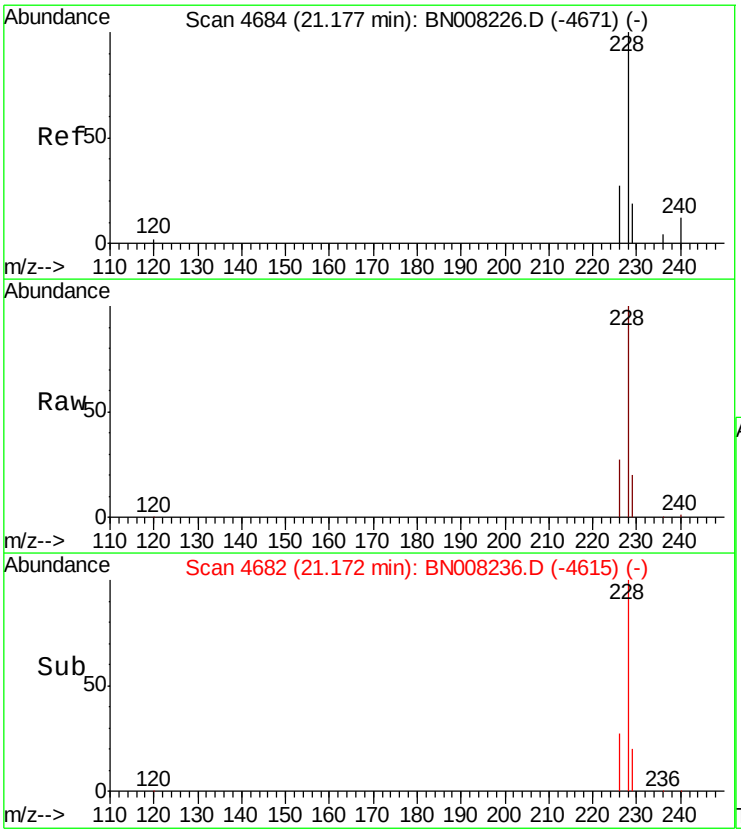
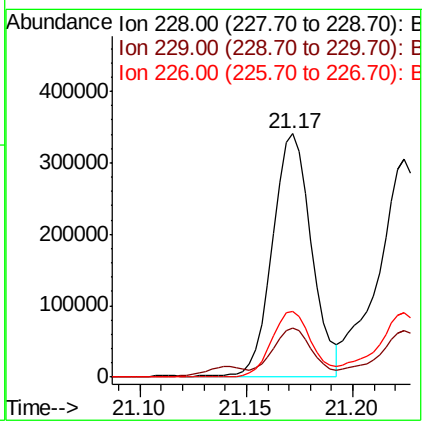
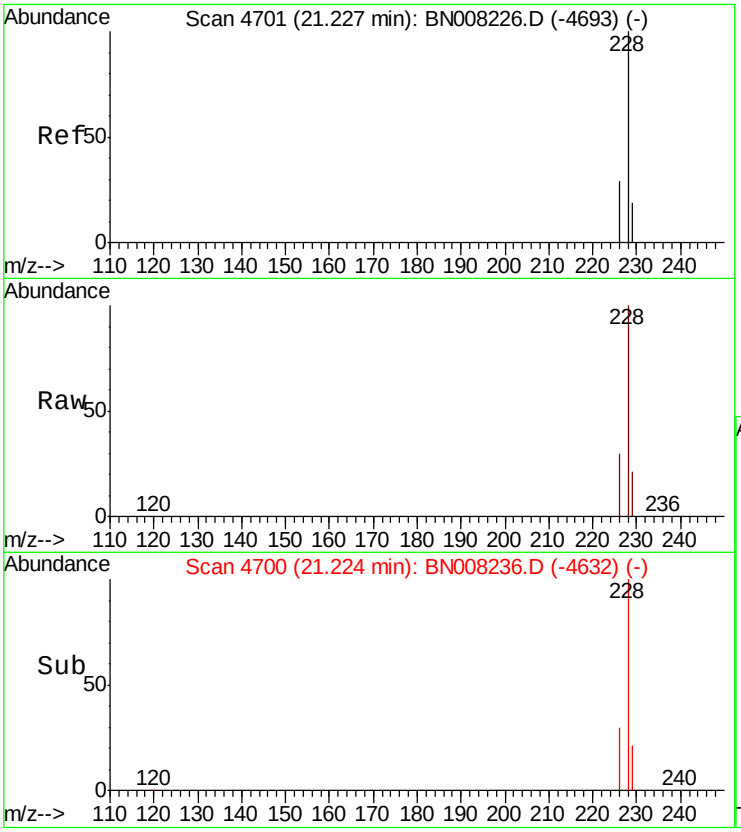


#18
Benzo(a)anthracene
Concen: 8.437 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. -0.01 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:228 Resp: 430685

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.2	24.2
226	27.1	21.4	32.0

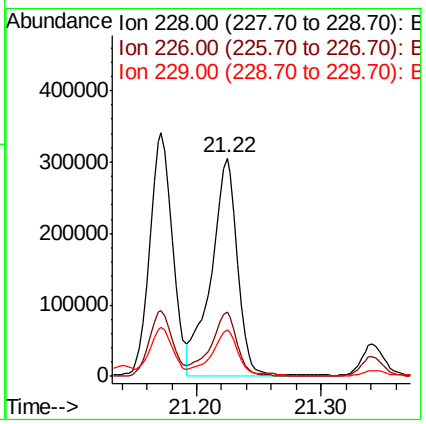




#19
Chrysene
Concen: 7.115 ng/ul
RT: 21.22 min Scan# 4700
Delta R.T. -0.00 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:228 Resp: 445745

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	21.3	16.2	24.2



Instrument :
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ClientSampleId :
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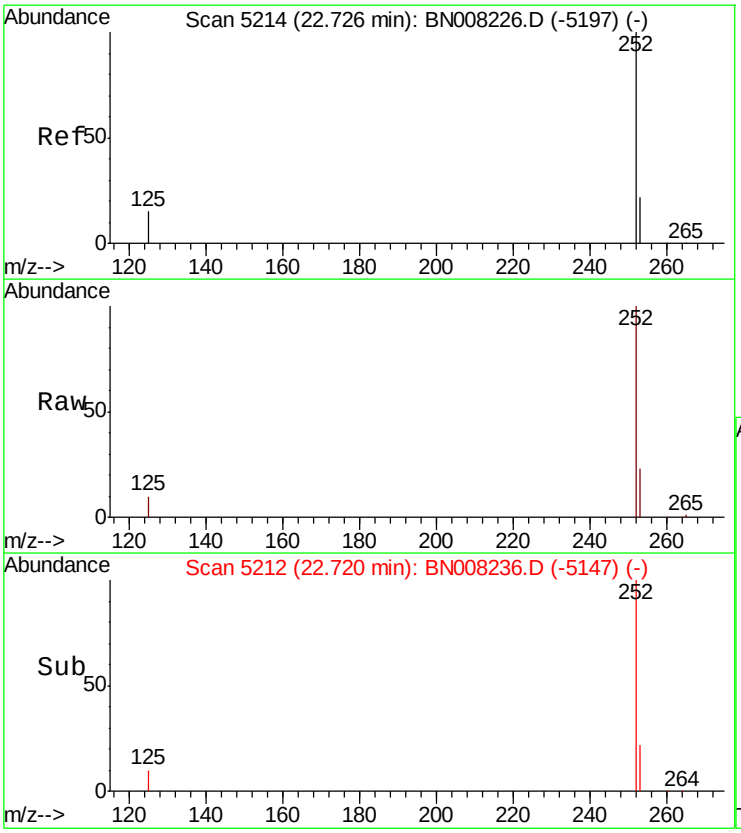
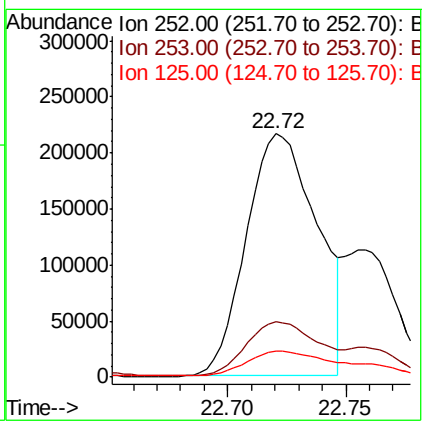
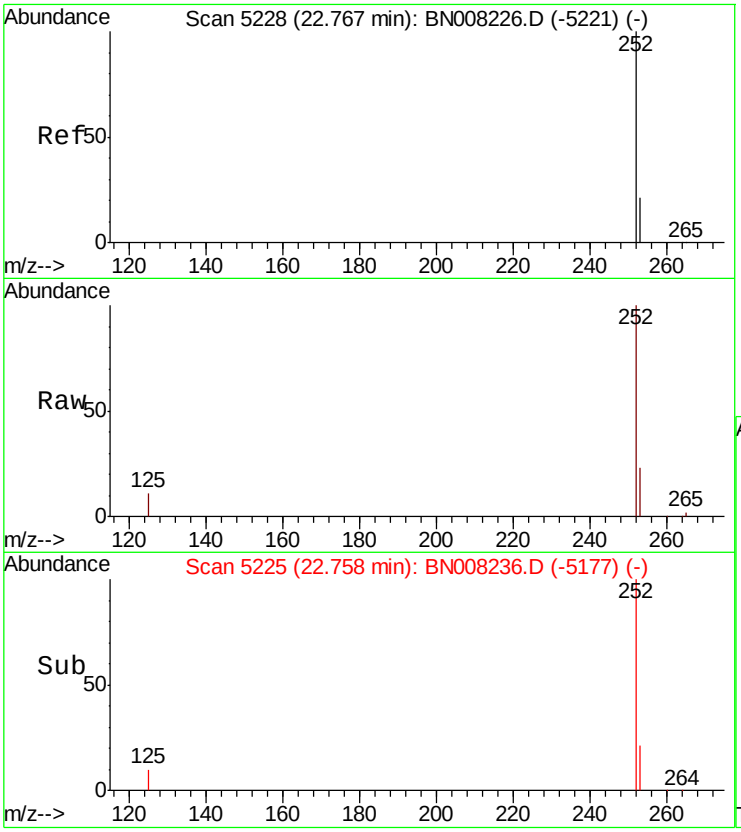


#21
Benzo(b)fluoranthene
Concen: 11.823 ng/ul m
RT: 22.72 min Scan# 5212
Delta R.T. -0.01 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:252 Resp: 452970

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	53.4
125	10.5	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 3.397 ng/ul m
RT: 22.76 min Scan# 5225
Delta R.T. -0.01 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:252 Resp: 147410

Ion	Ratio	Lower	Upper
252	100		
253	23.4	21.3	31.9
125	10.7	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
BEPC9

Manual Integrations APPROVED
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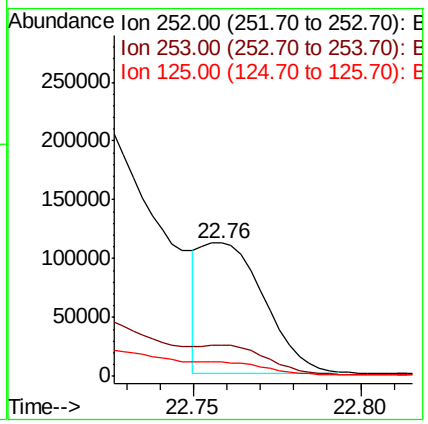
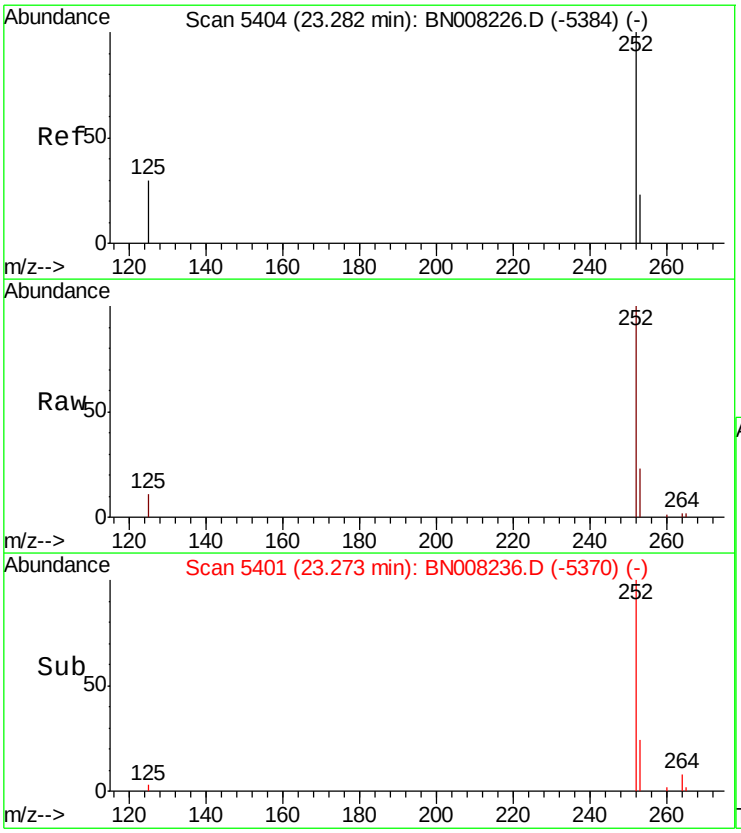
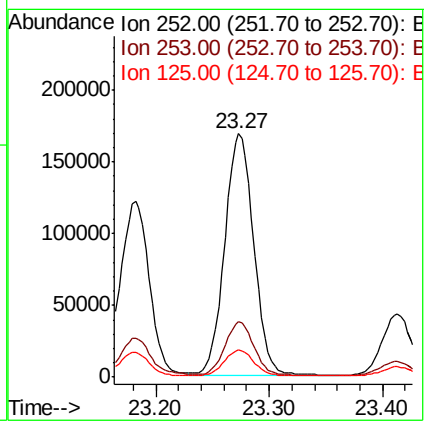


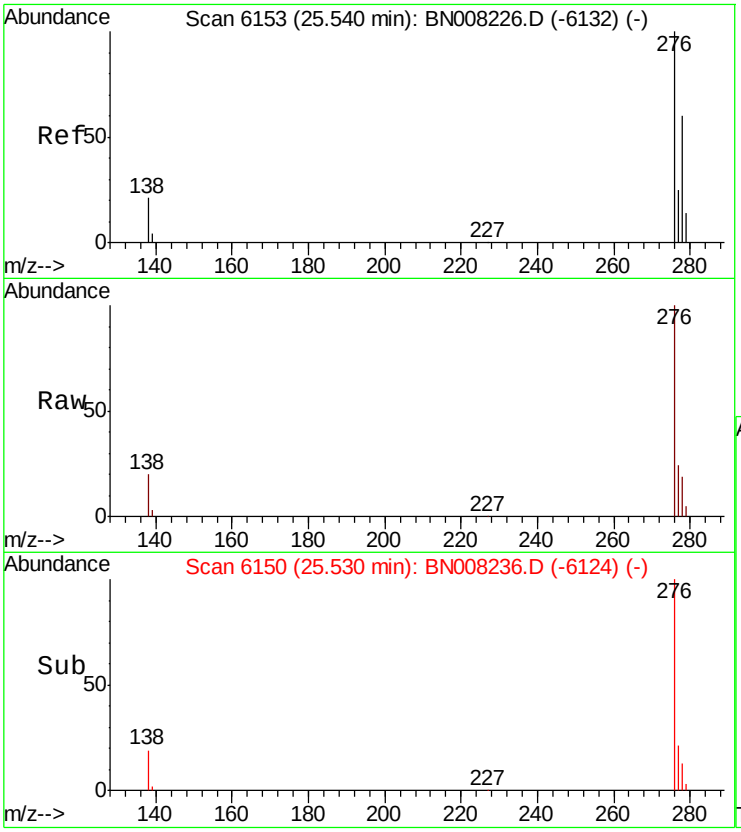


#23
Benzo(a)pyrene
Concen: 7.424 ng/ul
RT: 23.27 min Scan# 5401
Delta R.T. -0.01 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:252 Resp: 299289

Ion	Ratio	Lower	Upper
252	100		
253	22.7	22.8	34.2#
125	11.2	18.4	27.6#

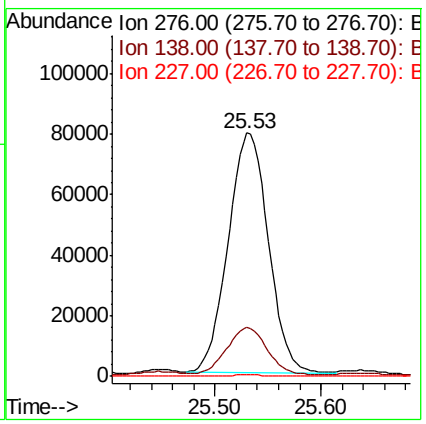




#24
Indeno(1,2,3-cd)pyrene
Concen: 4.397 ng/ul
RT: 25.53 min Scan# 6150
Delta R.T. -0.01 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:276 Resp: 208774

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.1	24.1
227	0.2	0.2	0.2



Instrument :
BNA_N
ClientSampleId :
BEPC9

Manual Integrations APPROVED
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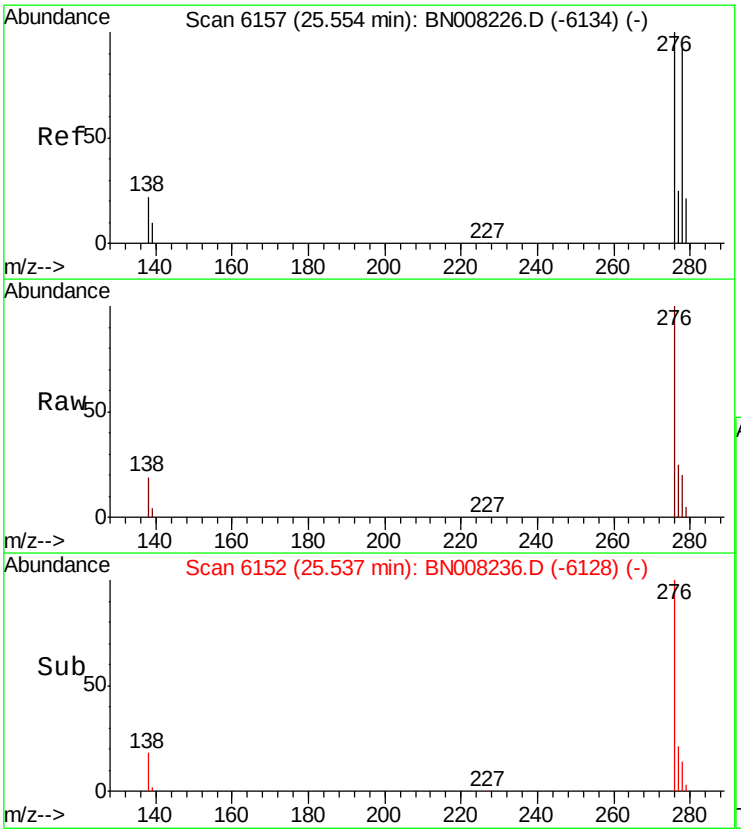
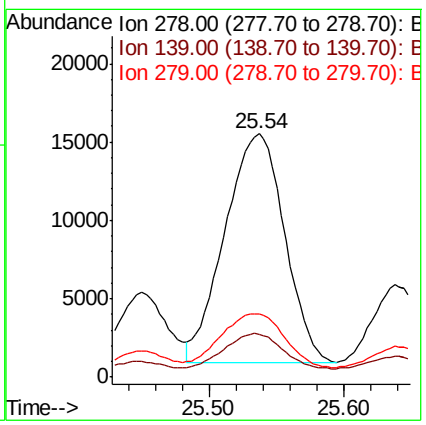
10/20/2019 8:09:39 PM

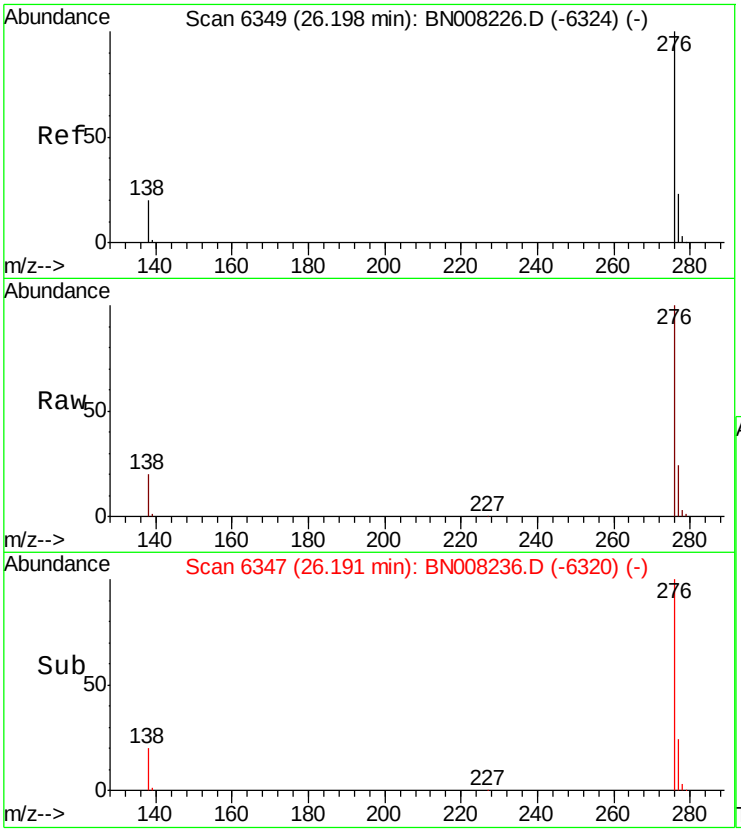


#25
Dibenzo(a,h)anthracene
Concen: 1.193 ng/ul
RT: 25.54 min Scan# 6152
Delta R.T. -0.02 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:278 Resp: 44790

Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.0	22.6
279	25.8	22.4	33.6

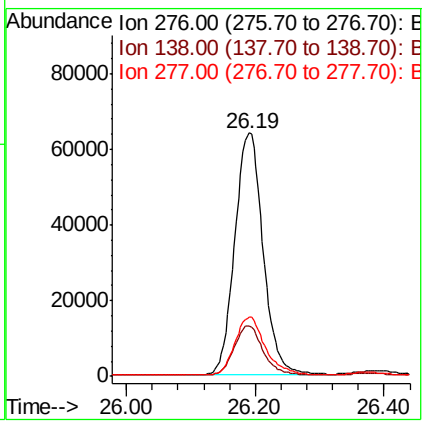




#26
Benzo(g,h,i)perylene
Concen: 4.479 ng/ul
RT: 26.19 min Scan# 6347
Delta R.T. -0.01 min
Lab File: BN008236.D
Acq: 18 Oct 2019 00:10

Tgt Ion:276 Resp: 195004

Ion	Ratio	Lower	Upper
276	100		
138	20.5	17.0	25.4
277	24.2	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPC9

Manual Integrations APPROVED
mohammad
10/20/2019 8:09:39 PM