Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
Data File : BN008267.D
Acq On : 19 Oct 2019 13:28
Operator : JU
Sample : K5177-22DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPC9DL

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Quant Time: Oct 19 21:36:31 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 : Fri Oct 18 23:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2430	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	11772	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	7799	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17564	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	17142	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	14900	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	490	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1617	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	936	0.028	ng/ul#	81
8) Acenaphthene	14.29	153	3842	0.133	ng/ul	98
9) Fluorene	15.28	166	4847	0.148	ng/ul	97
12) Phenanthrene	17.02	178	142197	2.765	ng/ul	98
13) Anthracene	17.11	178	21410	0.473	ng/ul	99
15) Fluoranthene	19.04	202	294455	4.336	ng/ul	100
17) Pyrene	19.40	202	232281	3.403	ng/ul	100
18) Benzo(a)anthracene	21.16	228	95384	1.530	ng/ul	99
19) Chrysene	21.21	228	105650	1.381	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	121668m	2.508	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	37774m	0.687	ng/ul	
23) Benzo(a)pyrene	23.26	252	74245	1.455	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.51	276	45965	0.765	ng/ul	97
25) Dibenzo(a,h)anthracene	25.51	278	8816	0.186	ng/ul	96
26) Benzo(g,h,i)perylene	26.16	276	40440	0.734	ng/ul	99

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

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QLast Update : Fri Oct 18 23:47:17 2019
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Instrument :
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ClientSampleId :
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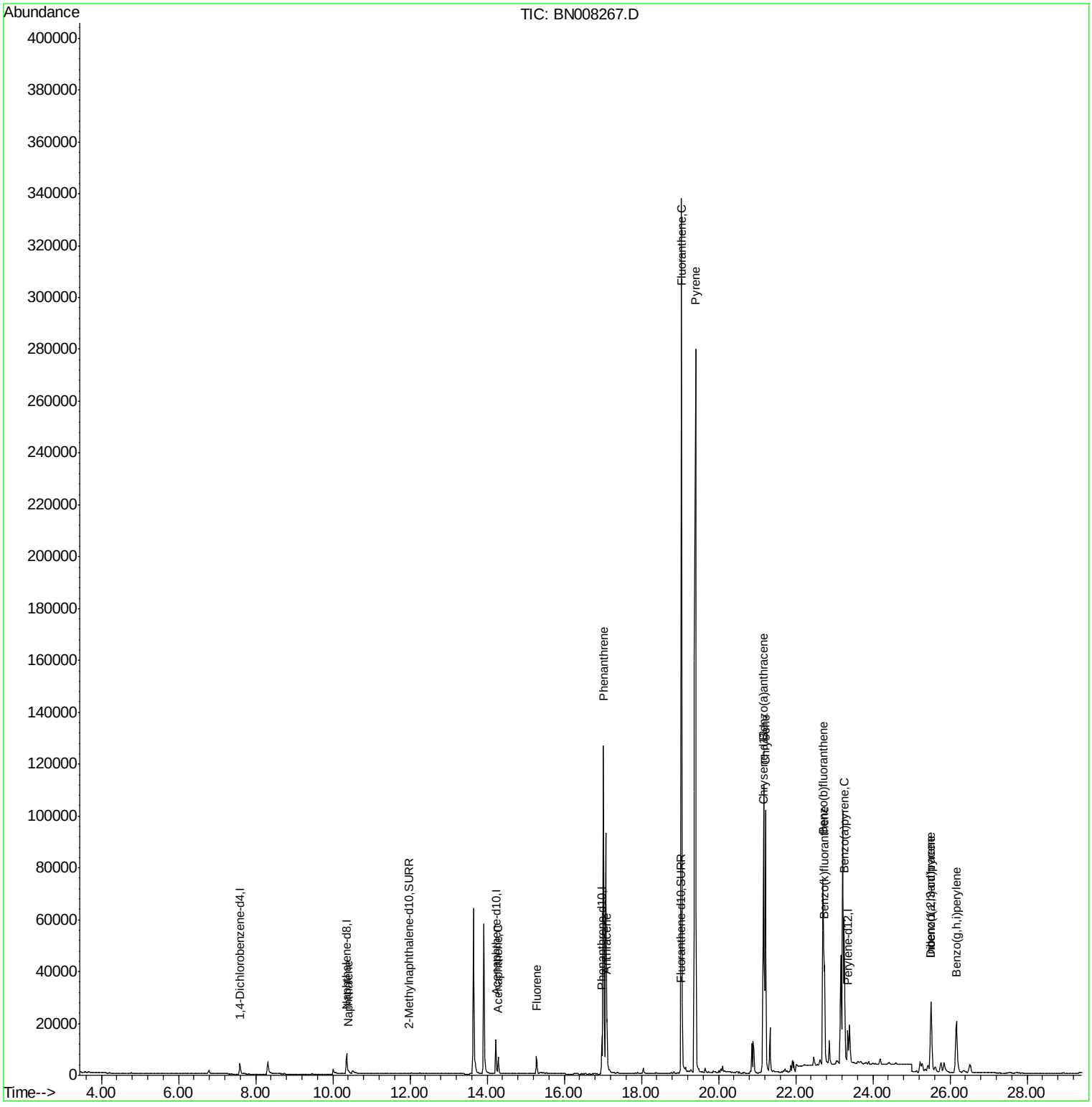
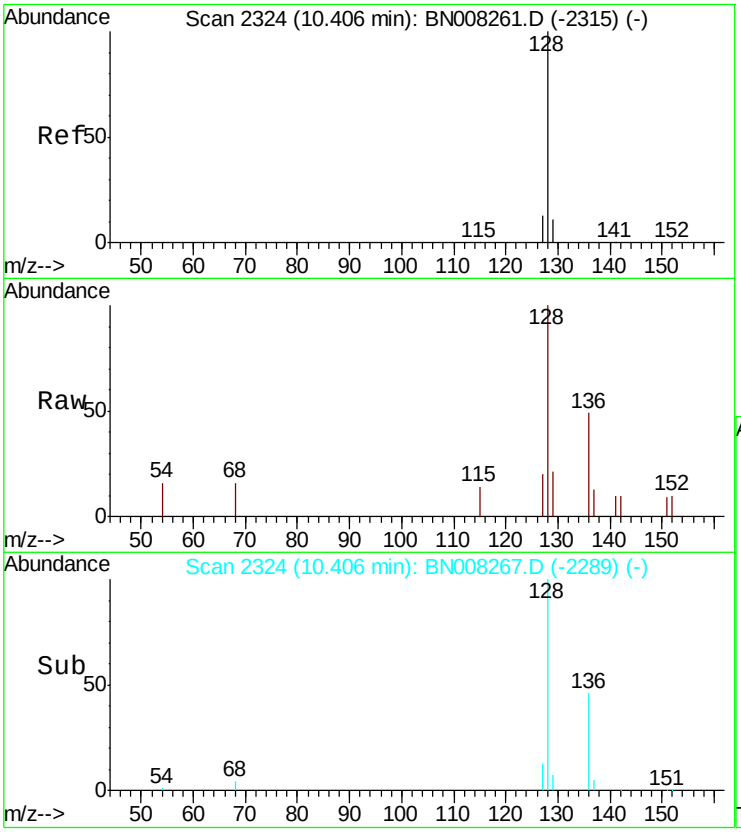
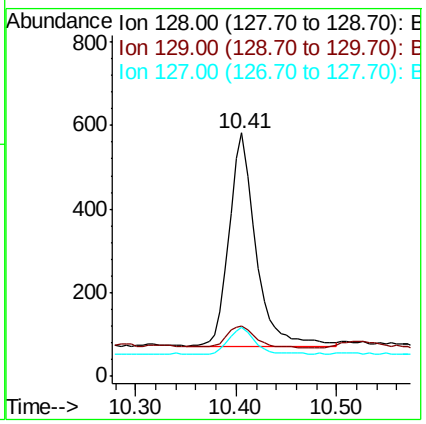




#3
Naphthalene
Concen: 0.028 ng/ul
RT: 10.41 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:128 Resp: 936

Ion	Ratio	Lower	Upper
128	100		
129	21.0	9.8	14.8#
127	20.4	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
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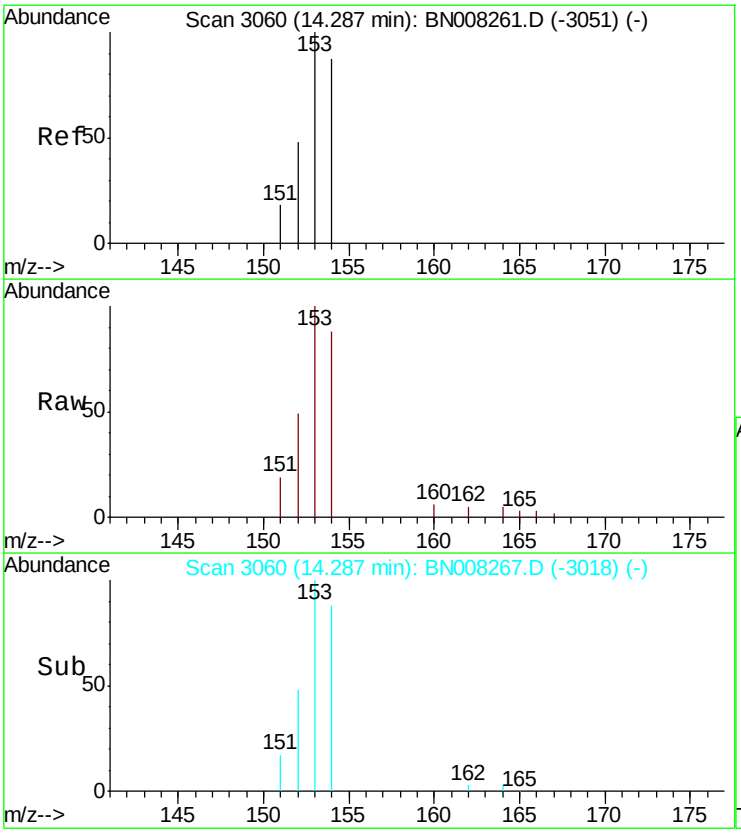
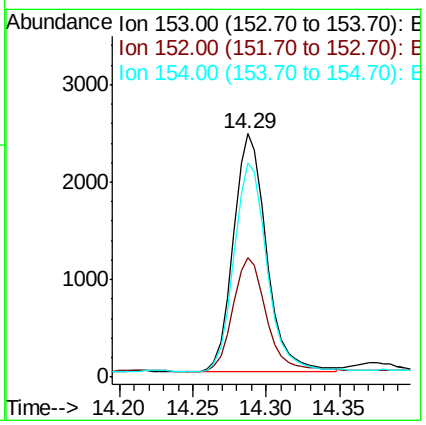
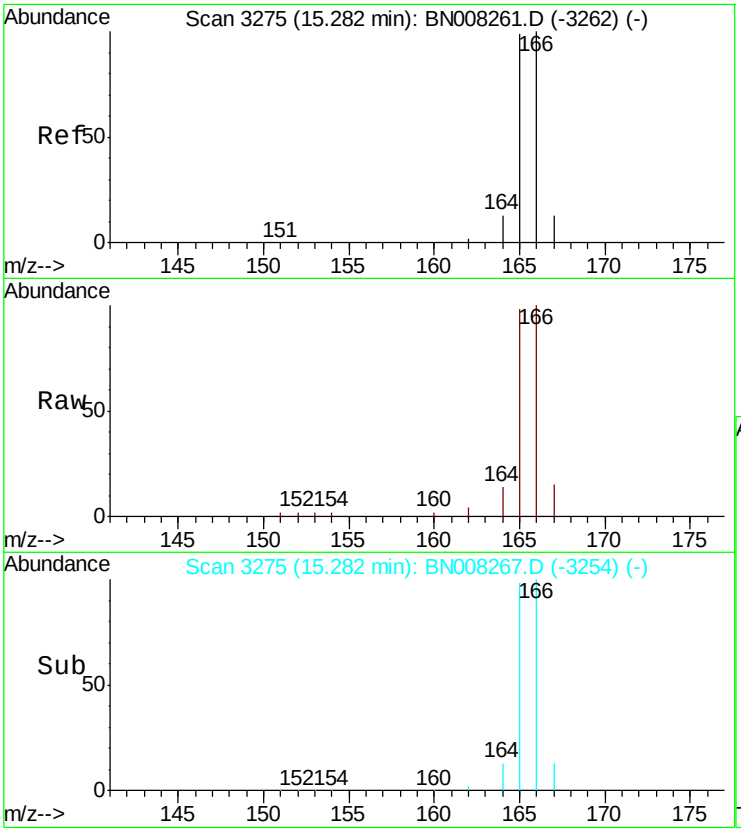


#8
Acenaphthene
Concen: 0.133 ng/ul
RT: 14.29 min Scan# 3060
Delta R.T. -0.00 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:153 Resp: 3842

Ion	Ratio	Lower	Upper
153	100		
152	48.8	38.2	57.2
154	88.1	71.8	107.8

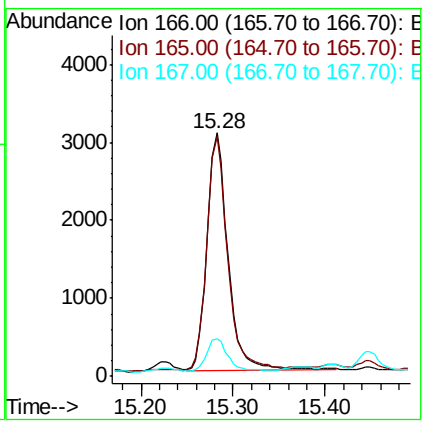




#9
Fluorene
Concen: 0.148 ng/ul
RT: 15.28 min Scan# 3275
Delta R.T. -0.00 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:166 Resp: 4847

Ion	Ratio	Lower	Upper
166	100		
165	98.4	76.6	115.0
167	15.3	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
BEPC9DL

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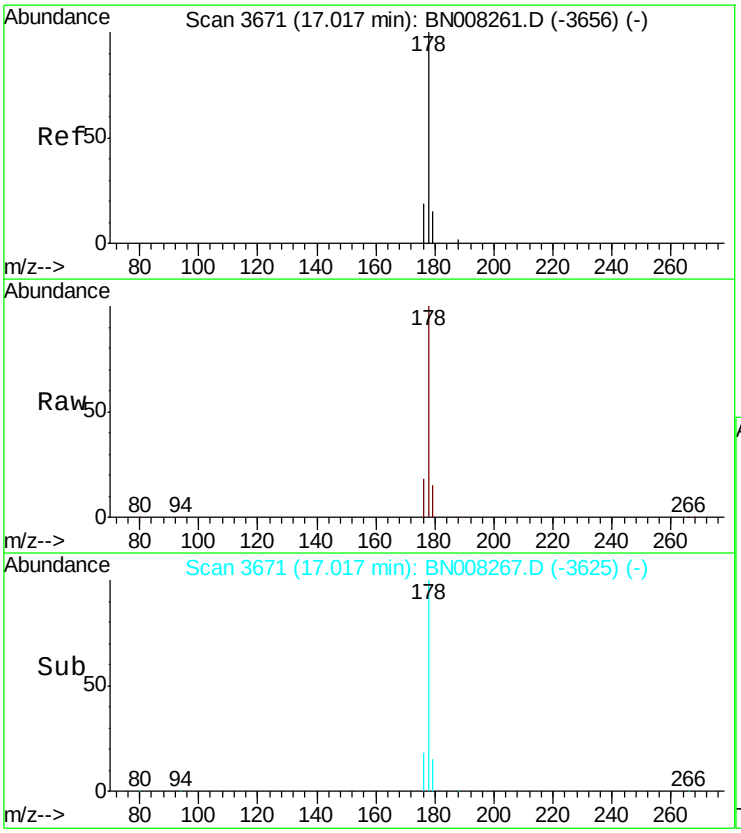
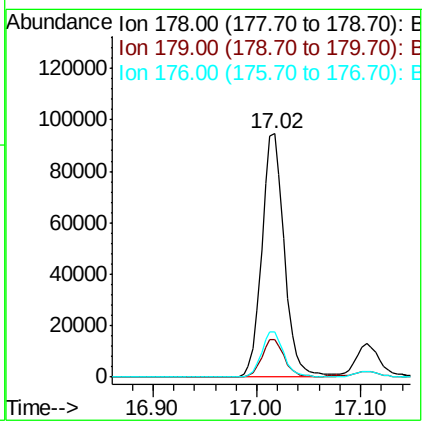
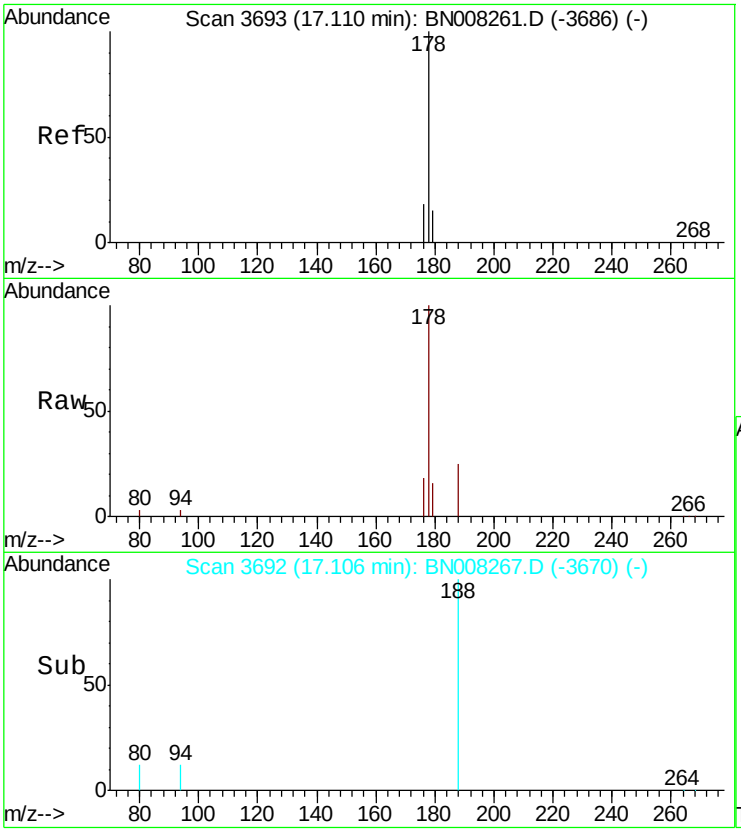


#12
Phenanthrene
Concen: 2.765 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:178 Resp: 142197

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.5	15.4	23.2





#13
Anthracene
Concen: 0.473 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:178 Resp: 21410

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	18.4	15.0	22.6

Instrument :
BNA_N
ClientSampleId :
BEPC9DL

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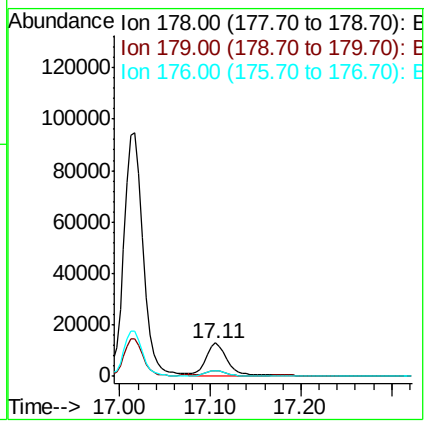
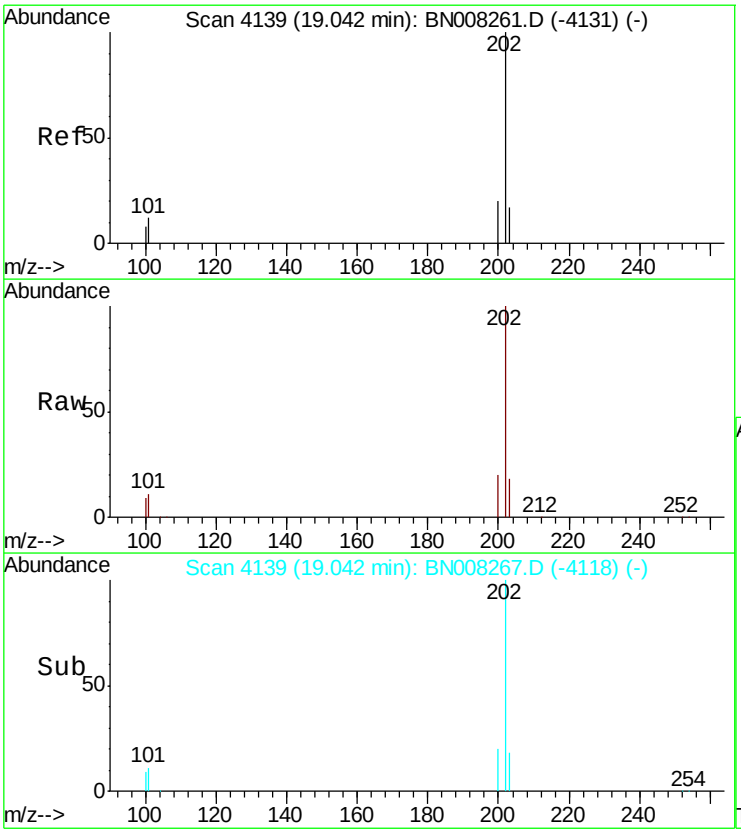
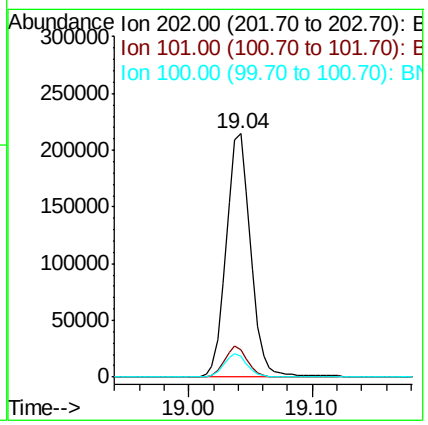


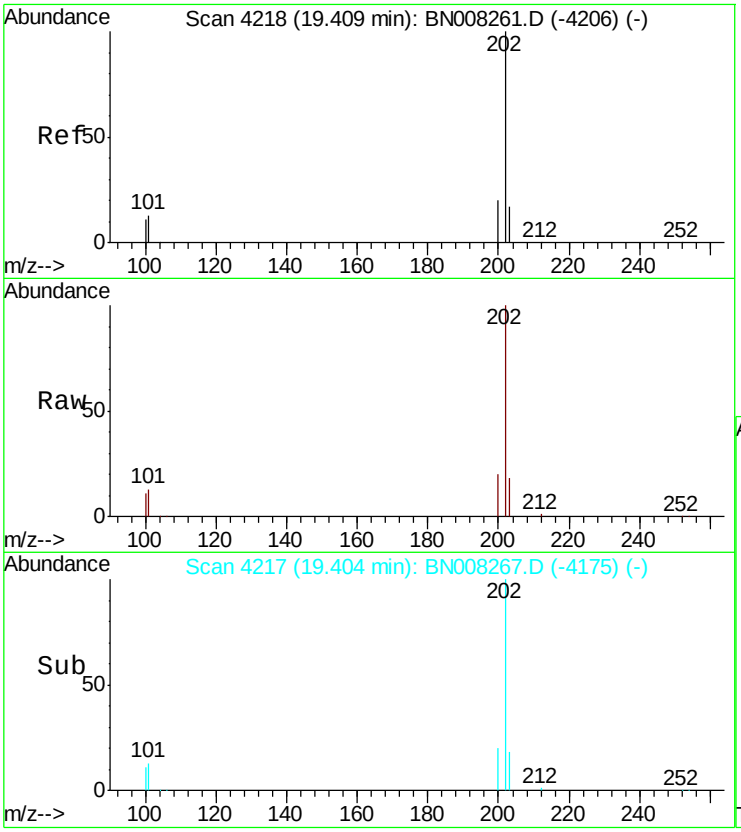


#15
Fluoranthene
Concen: 4.336 ng/ul
RT: 19.04 min Scan# 4139
Delta R.T. -0.00 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:202 Resp: 294455

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.2
100	8.6	0.0	28.5





#17
Pyrene
Concen: 3.403 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:202 Resp: 232281

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.9	16.3
100	10.8	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEPC9DL

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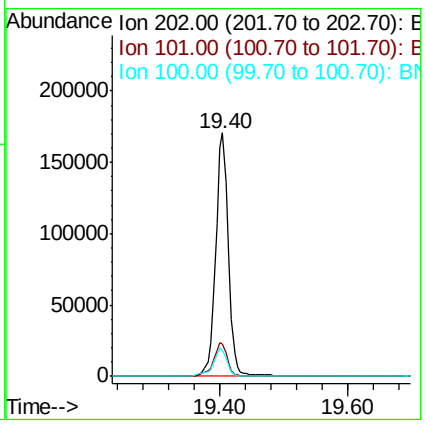
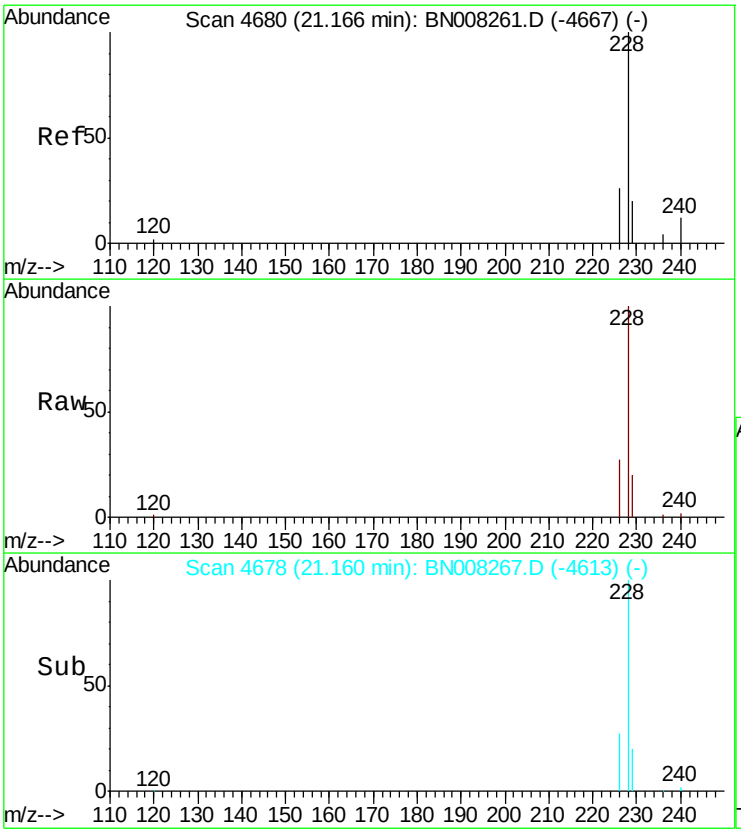
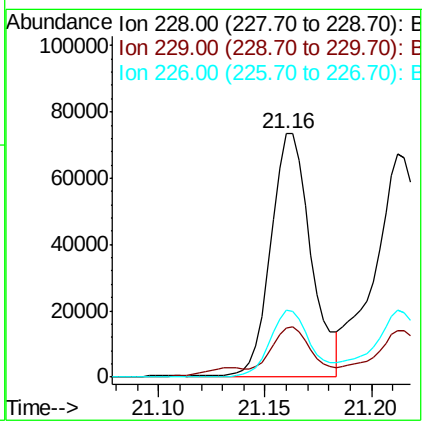


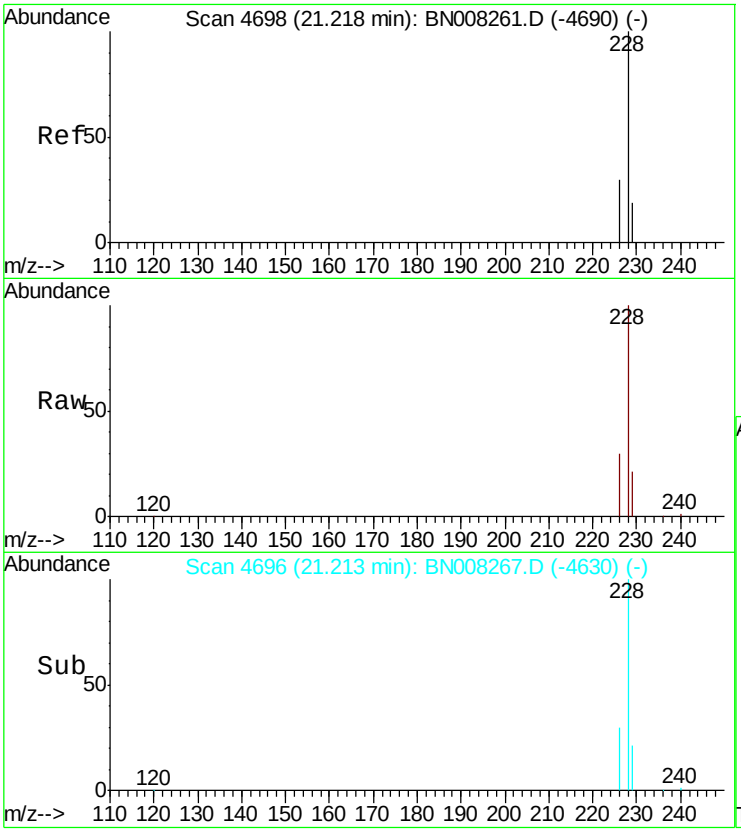


#18
Benzo(a)anthracene
Concen: 1.530 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:228 Resp: 95384

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.2
226	27.2	21.4	32.0

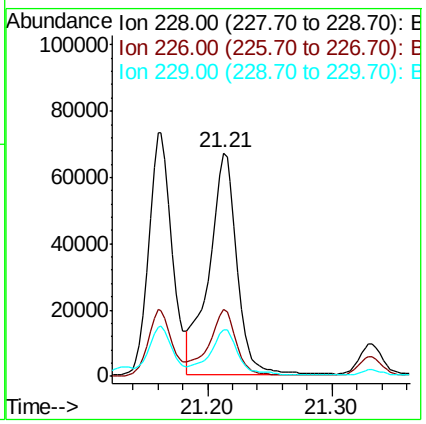




#19
Chrysene
Concen: 1.381 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. -0.01 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:228 Resp: 105650

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.0	16.2	24.2



Instrument :
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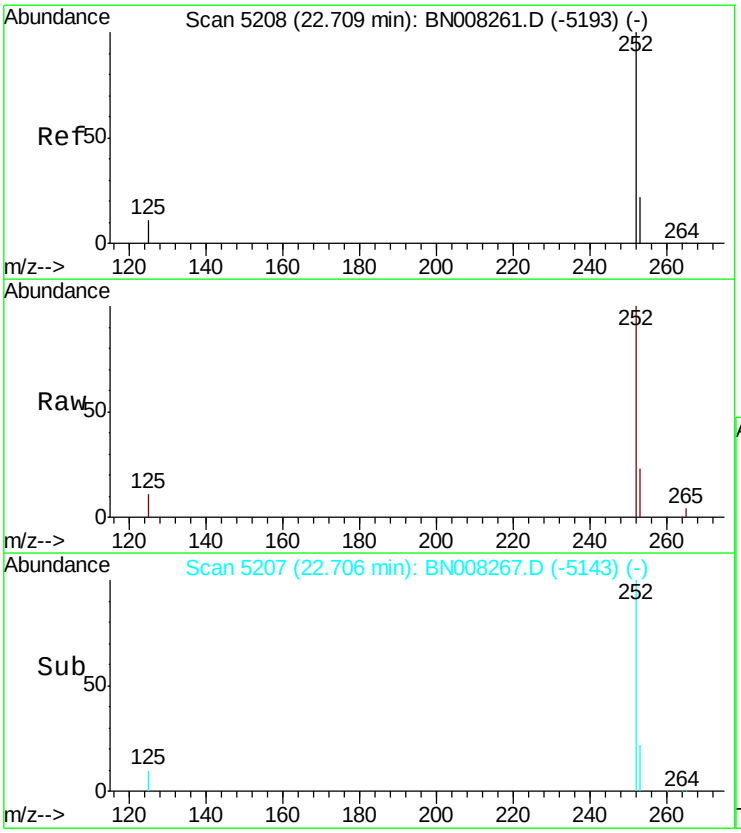
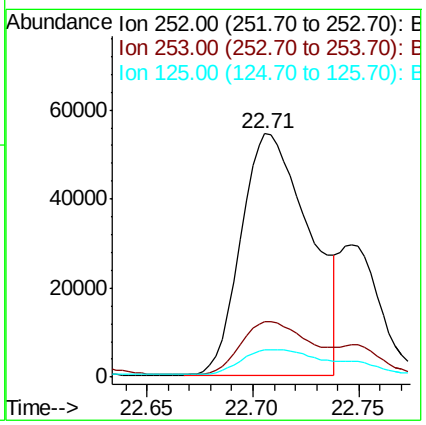
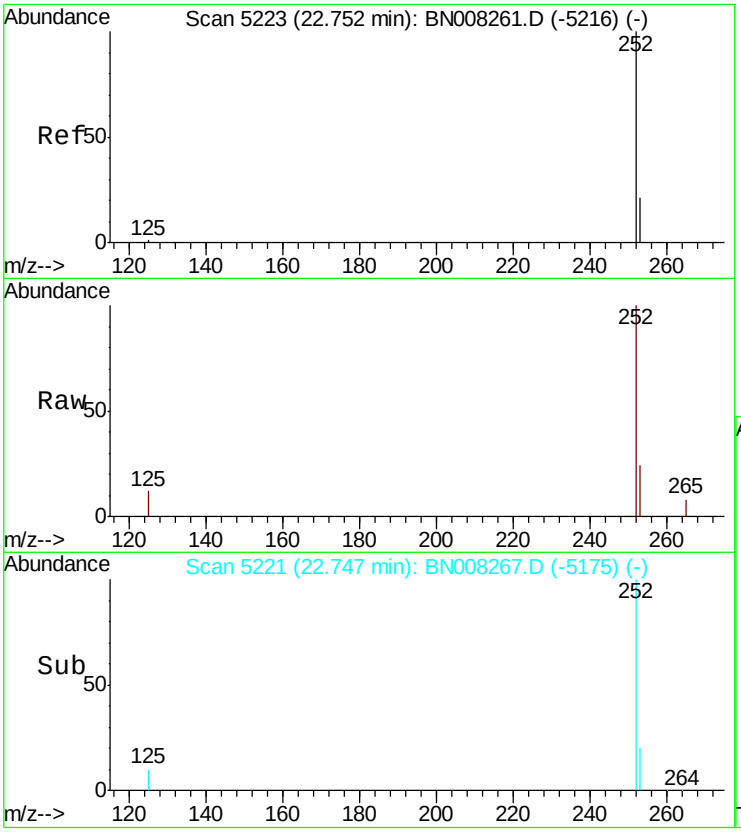


#21
Benzo(b)fluoranthene
Concen: 2.508 ng/ul m
RT: 22.71 min Scan# 5207
Delta R.T. -0.01 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:252 Resp: 121668

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	53.4
125	11.2	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 0.687 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:252 Resp: 37774

Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.3	31.9
125	11.8	12.3	18.5#

Instrument :
BNA_N
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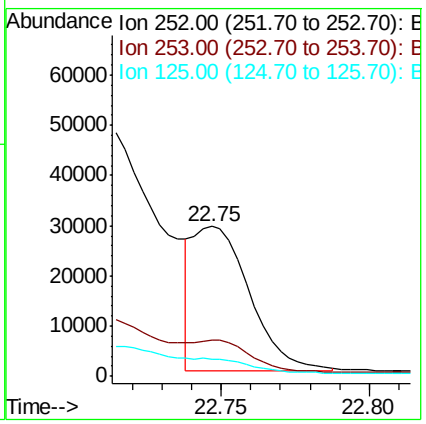
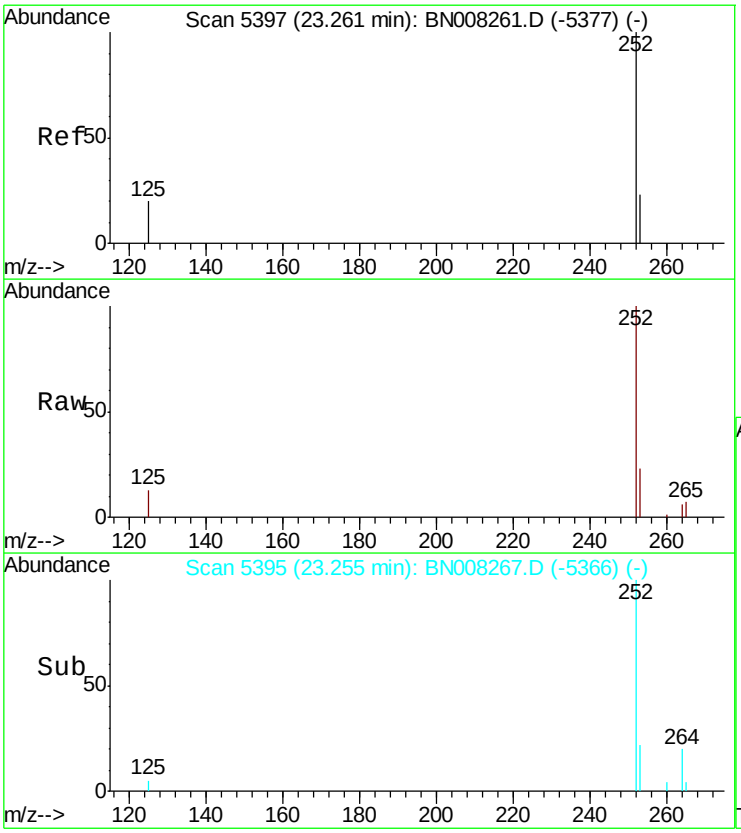
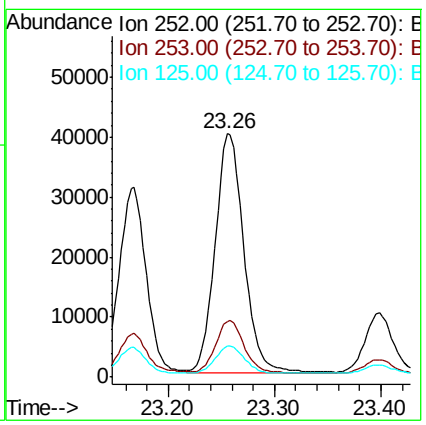


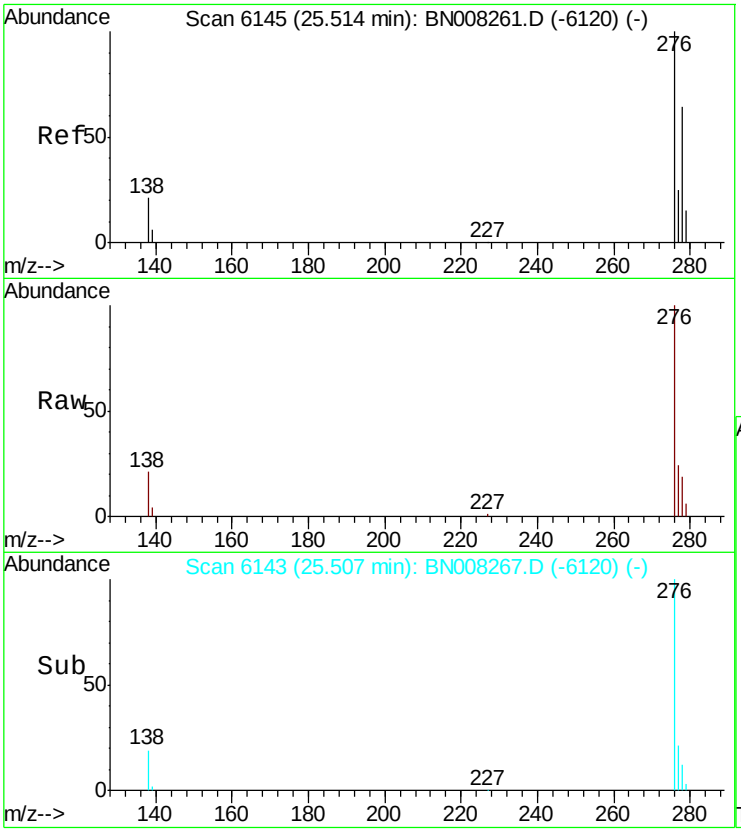


#23
Benzo(a)pyrene
Concen: 1.455 ng/ul
RT: 23.26 min Scan# 5395
Delta R.T. -0.01 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:252 Resp: 74245

Ion	Ratio	Lower	Upper
252	100		
253	23.0	22.8	34.2
125	12.7	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.765 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:276 Resp: 45965

Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.1	24.1
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
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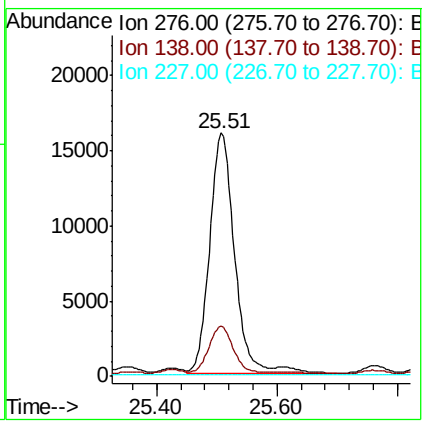
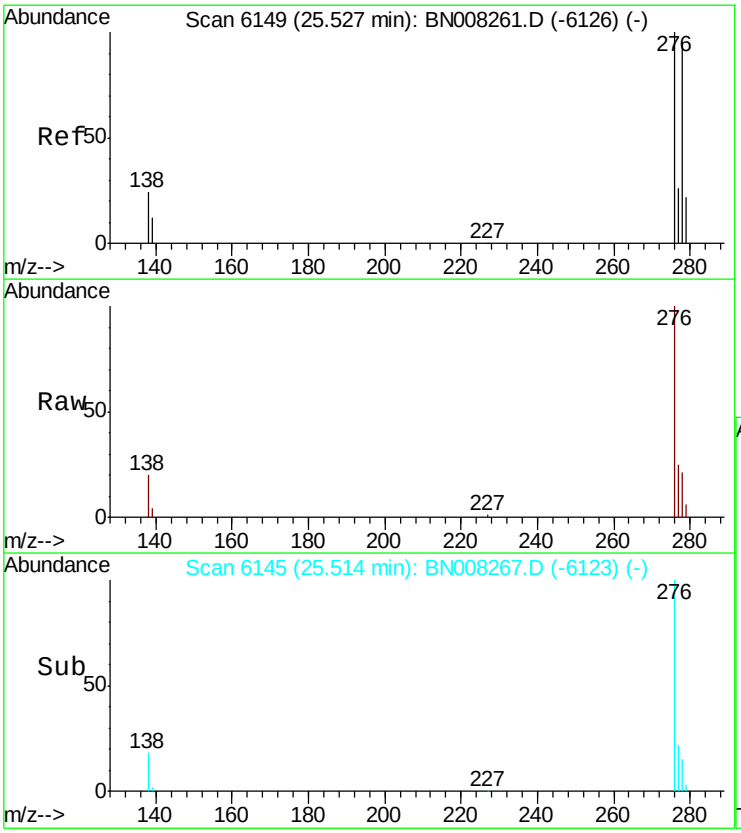
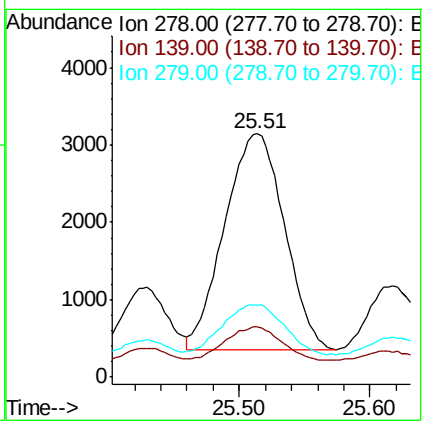


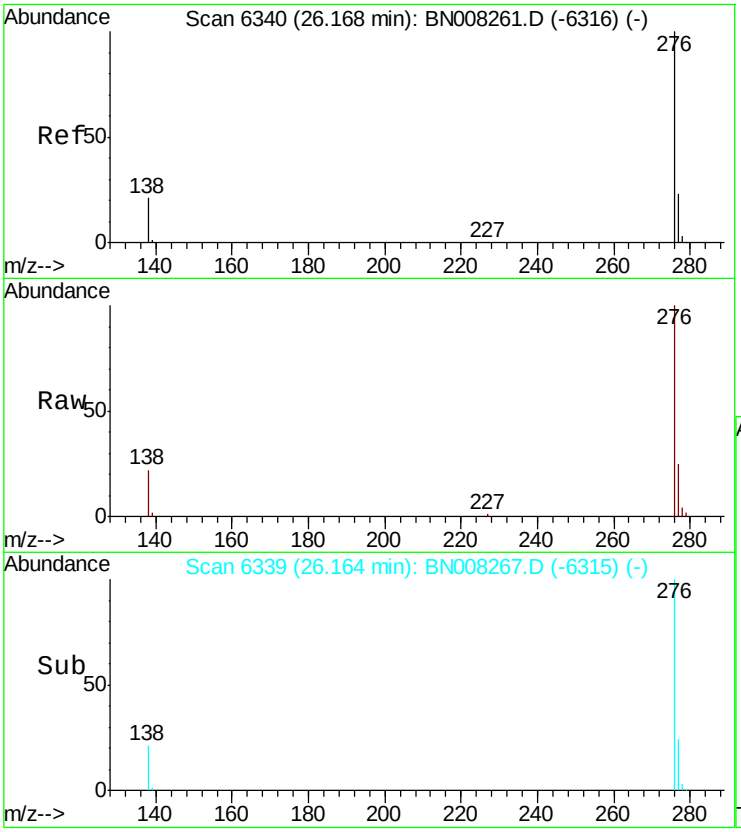


#25
Dibenzo(a,h)anthracene
Concen: 0.186 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.03 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:278 Resp: 8816

Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.0	22.6
279	29.8	22.4	33.6

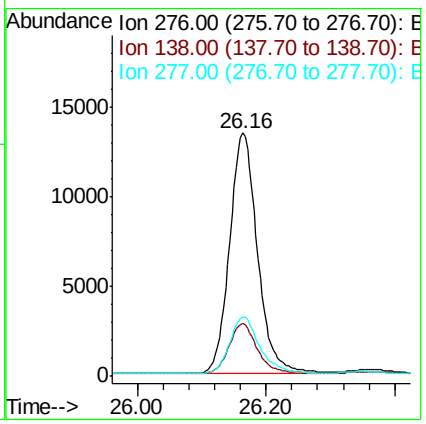




#26
Benzo(g,h,i)perylene
Concen: 0.734 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.02 min
Lab File: BN008267.D
Acq: 19 Oct 2019 13:28

Tgt Ion:276 Resp: 40440

Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.0	25.4
277	24.5	20.4	30.6



Instrument :
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ClientSampleId :
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