Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008321.D
Acq On : 22 Oct 2019 18:58
Operator : JU
Sample : K5199-21DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPH1DL

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Quant Time: Oct 23 01:04:48 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 : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1844	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9003	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5986	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12585	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	11745	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9832	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	433	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1328	0.03	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.94	152	1534	0.054	ng/ul#	88
8) Acenaphthene	14.28	153	611	0.028	ng/ul	96
9) Fluorene	15.28	166	782	0.031	ng/ul#	94
12) Phenanthrene	17.01	178	17700	0.480	ng/ul	100
13) Anthracene	17.10	178	3379	0.104	ng/ul	95
15) Fluoranthene	19.04	202	42056	0.864	ng/ul	98
17) Pyrene	19.40	202	45225	0.967	ng/ul	97
18) Benzo(a)anthracene	21.16	228	24981	0.585	ng/ul	96
19) Chrysene	21.21	228	27035	0.516	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	25977m	0.812	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	9520m	0.263	ng/ul	
23) Benzo(a)pyrene	23.26	252	18398	0.546	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.51	276	10761	0.271	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.51	278	2584	0.082	ng/ul#	72
26) Benzo(g,h,i)perylene	26.16	276	8138	0.224	ng/ul#	92

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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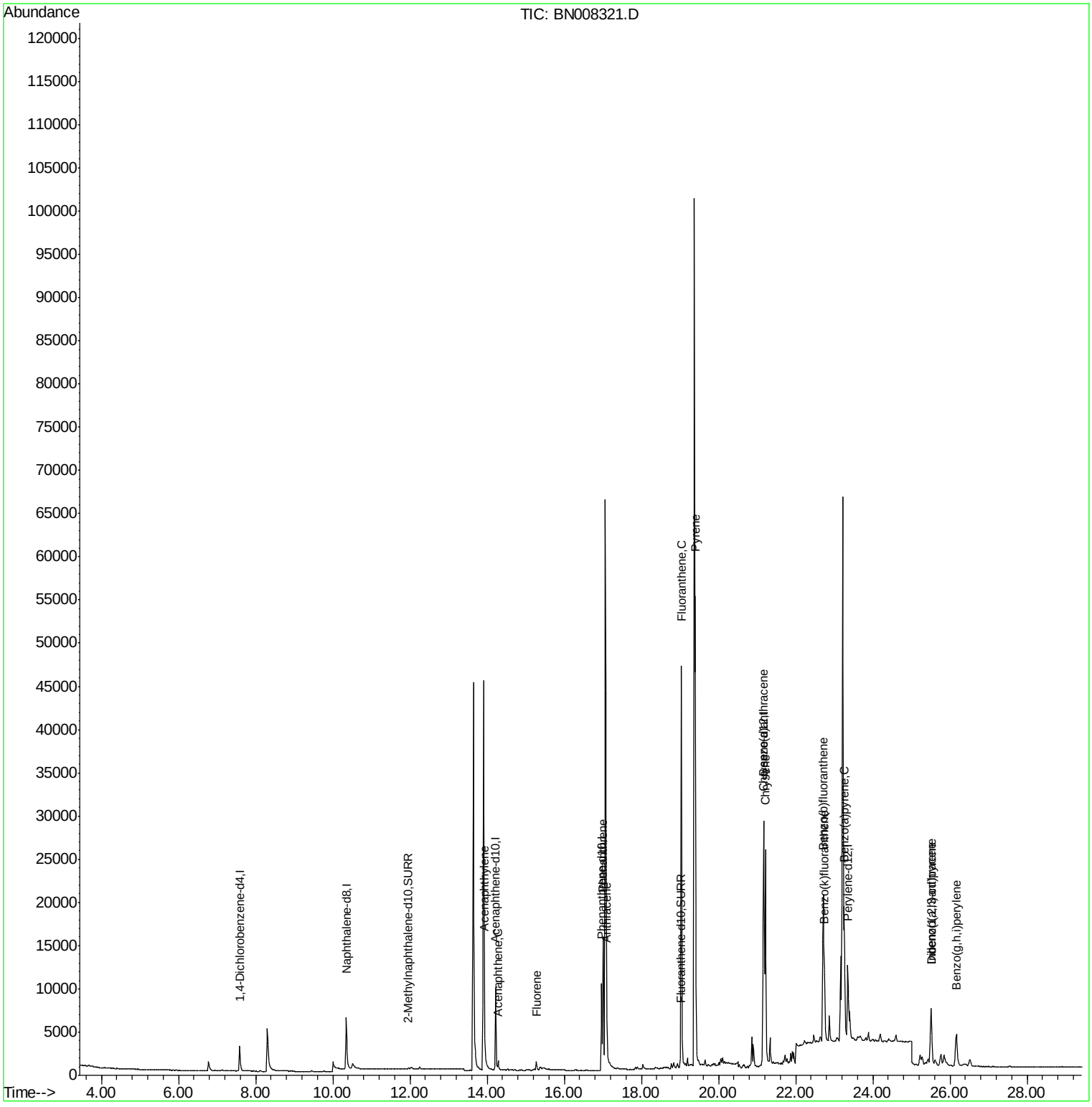

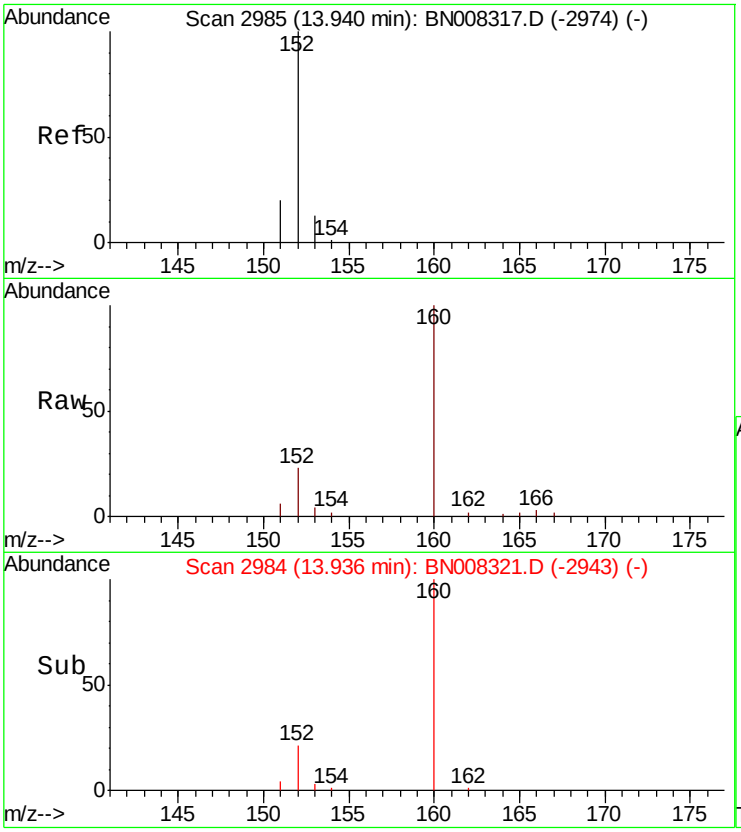

#7
Acenaphthylene
Concen: 0.054 ng/ul
RT: 13.94 min Scan# 2984
Delta R.T. -0.01 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:152 Resp: 1534

Ion	Ratio	Lower	Upper
152	100		
151	24.8	16.2	24.4#
153	19.5	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
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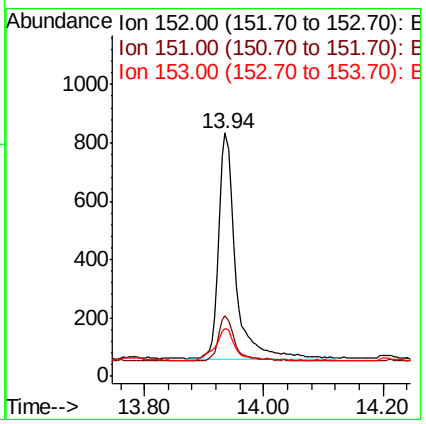
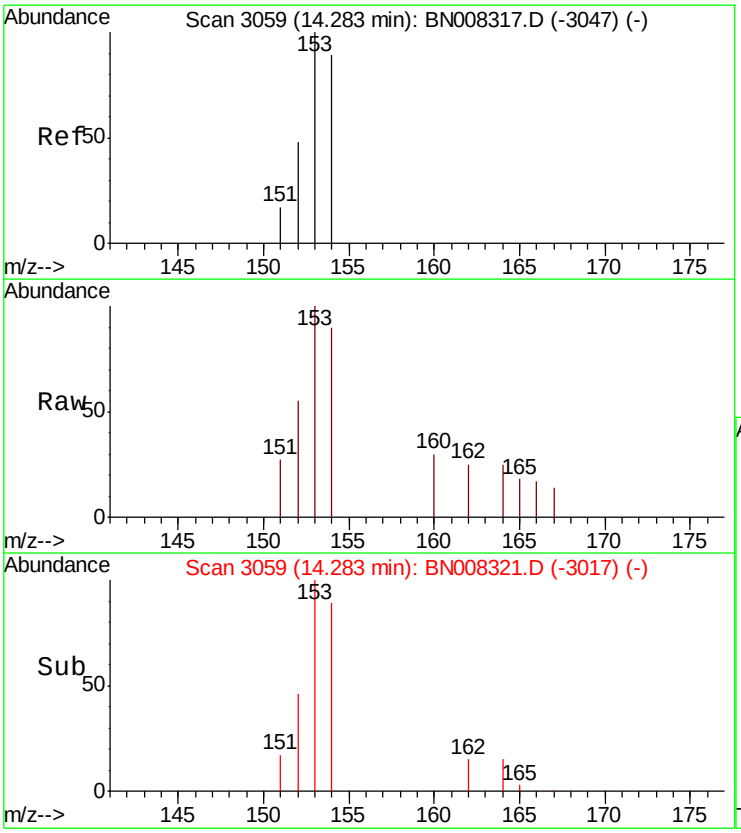
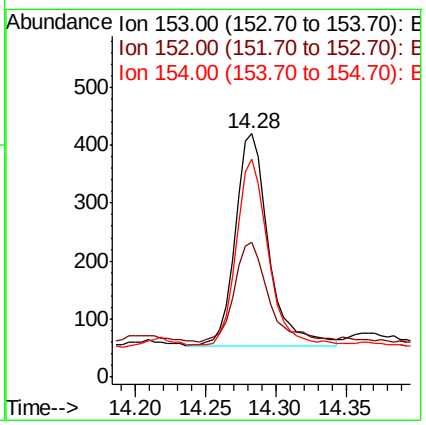


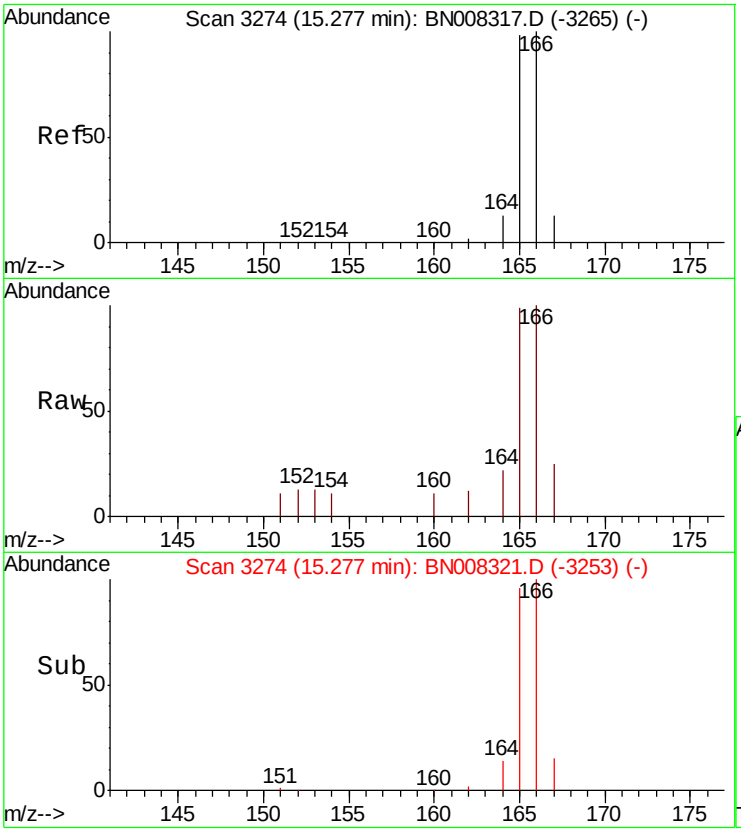


#8
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.28 min Scan# 3059
Delta R.T. -0.00 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:153 Resp: 611

Ion	Ratio	Lower	Upper
153	100		
152	55.2	38.2	57.2
154	89.5	71.8	107.8

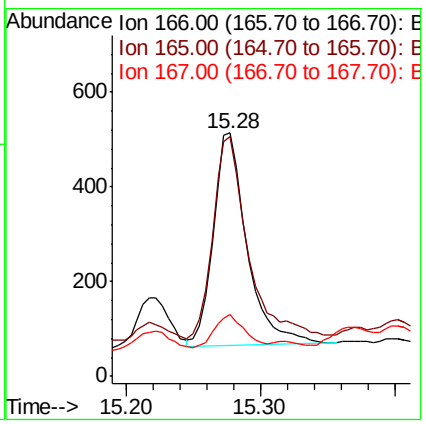




#9
Fluorene
Concen: 0.031 ng/ul
RT: 15.28 min Scan# 3274
Delta R.T. -0.00 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:166 Resp: 782

Ion	Ratio	Lower	Upper
166	100		
165	98.6	76.6	115.0
167	25.3	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
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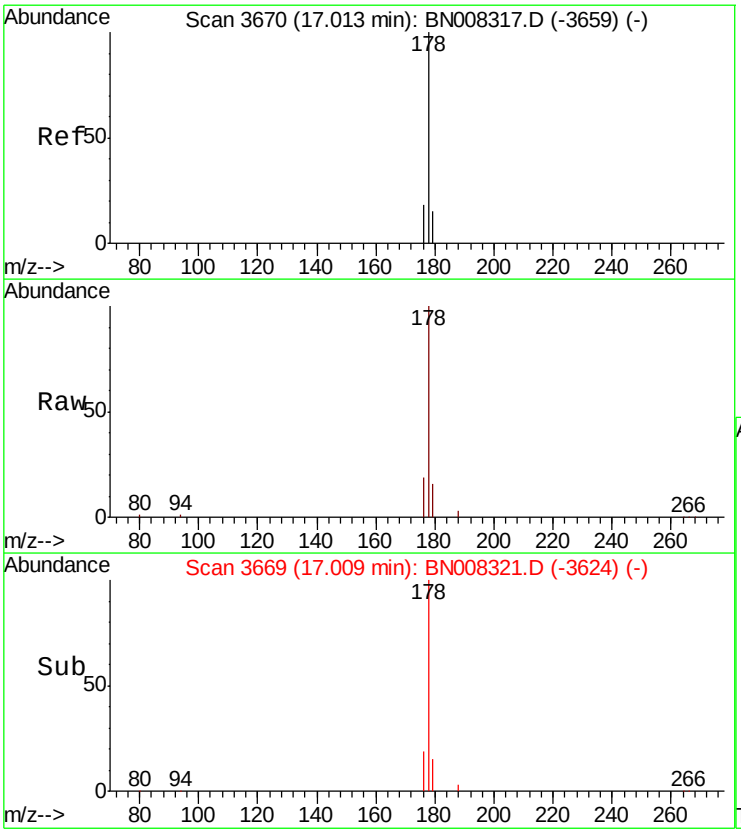
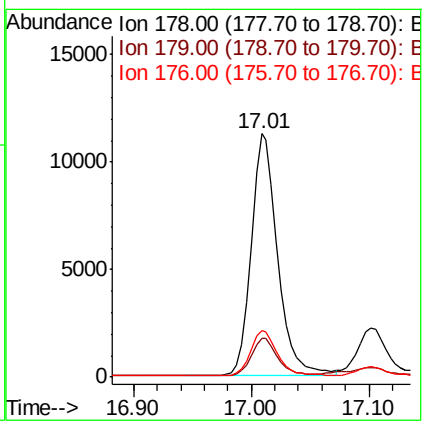
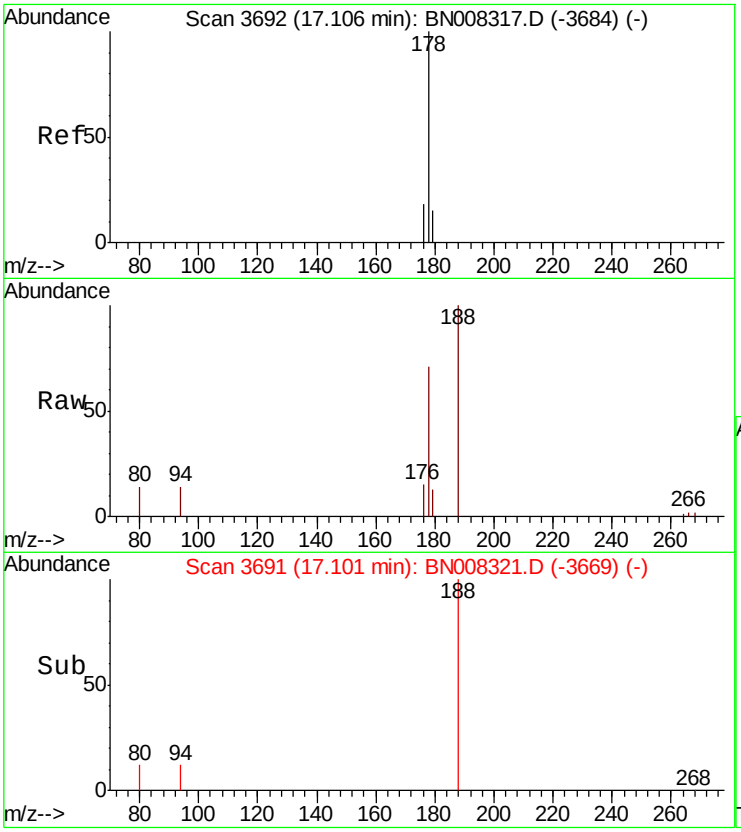


#12
Phenanthrene
Concen: 0.480 ng/ul
RT: 17.01 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:178 Resp: 17700

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.3	15.4	23.2

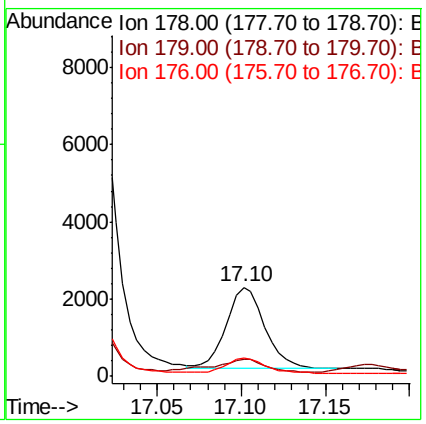




#13
Anthracene
Concen: 0.104 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:178 Resp: 3379

Ion	Ratio	Lower	Upper
178	100		
179	18.9	13.0	19.6
176	20.4	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPH1DL

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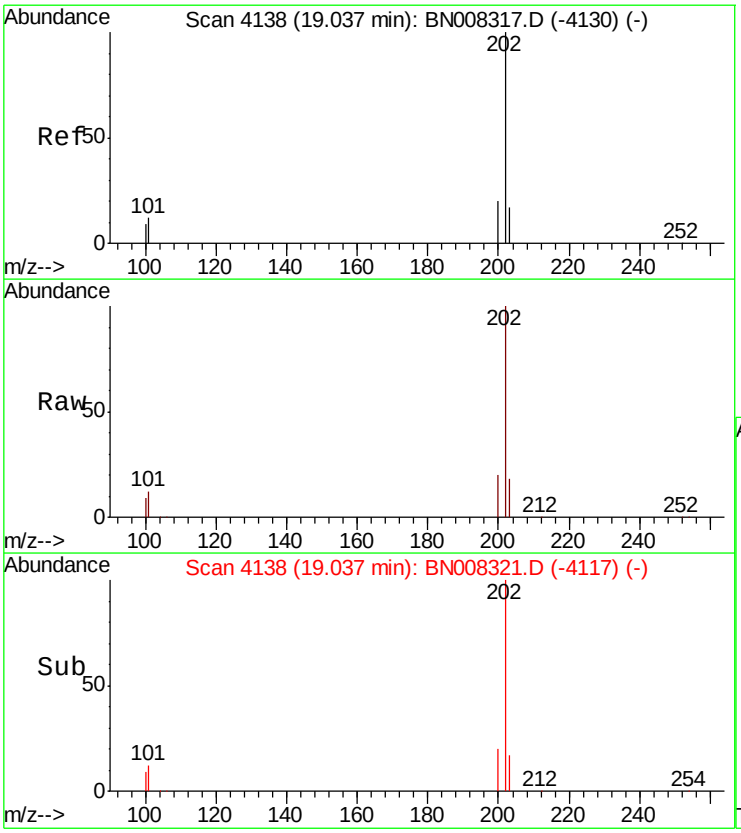
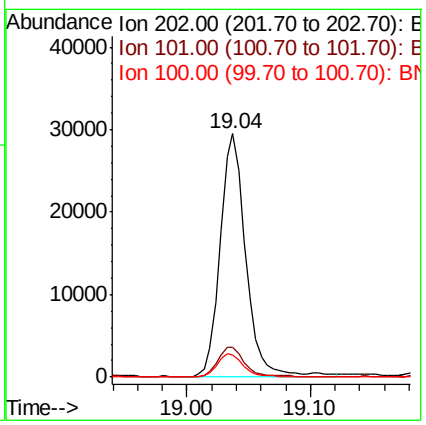
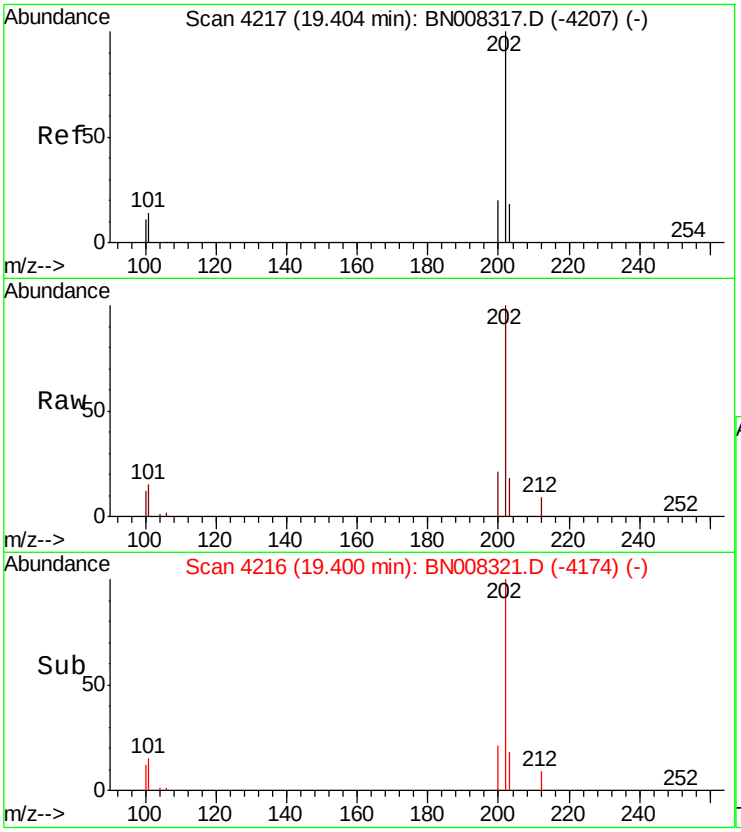


#15
Fluoranthene
Concen: 0.864 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:202 Resp: 42056

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.2
100	9.1	0.0	28.5





#17
Pyrene
Concen: 0.967 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:202 Resp: 45225

Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.9	16.3
100	12.0	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
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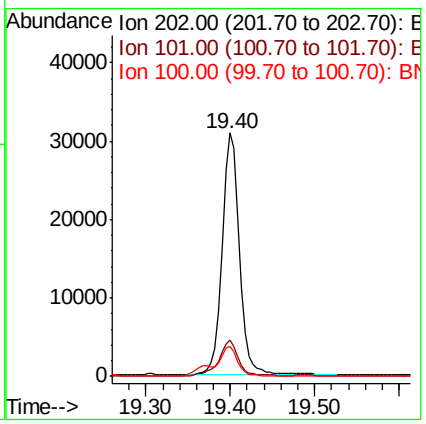
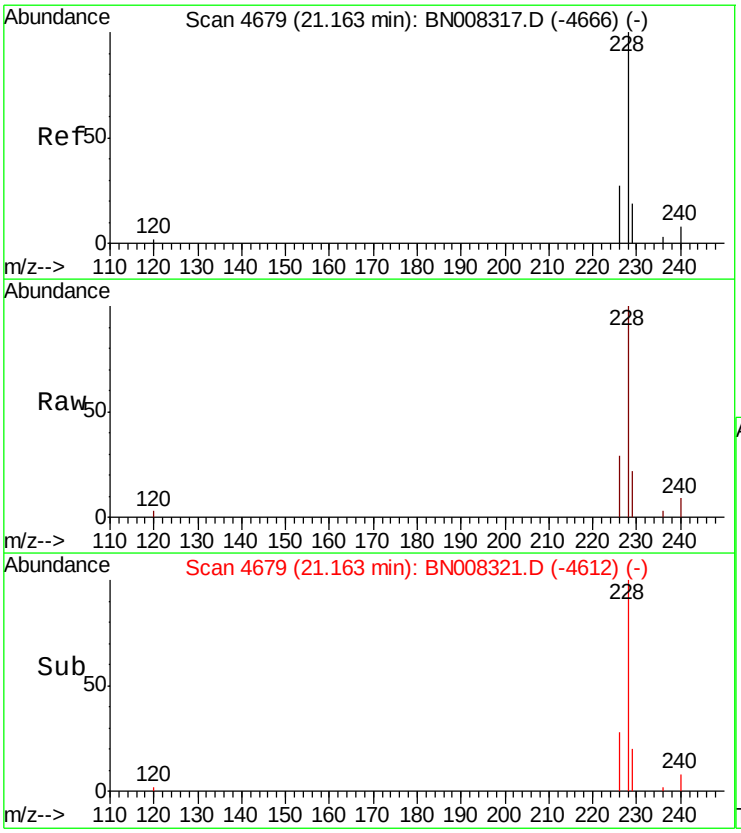
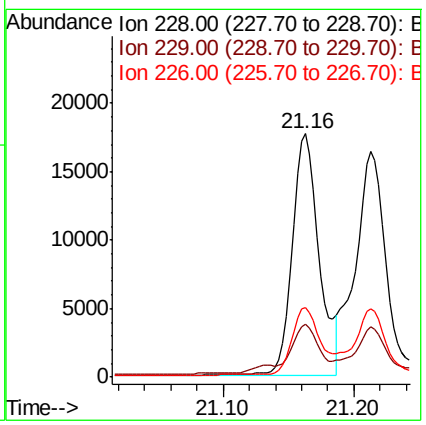


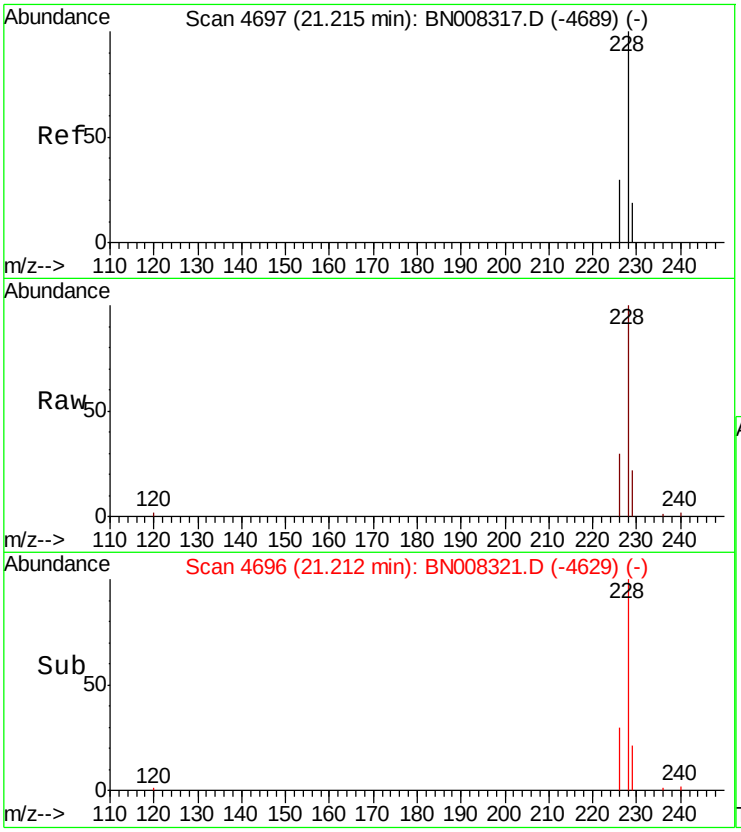


#18
Benzo(a)anthracene
Concen: 0.585 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:228 Resp: 24981

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.2
226	28.7	21.4	32.0

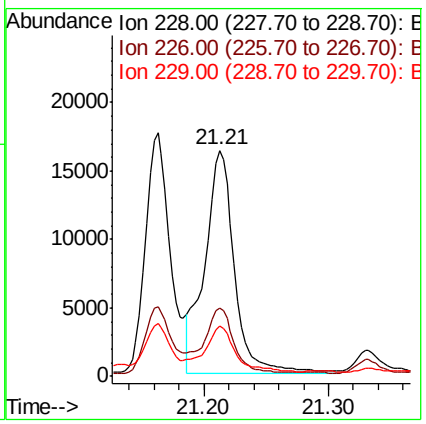




#19
Chrysene
Concen: 0.516 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:228 Resp: 27035

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	22.2	16.2	24.2



Instrument :
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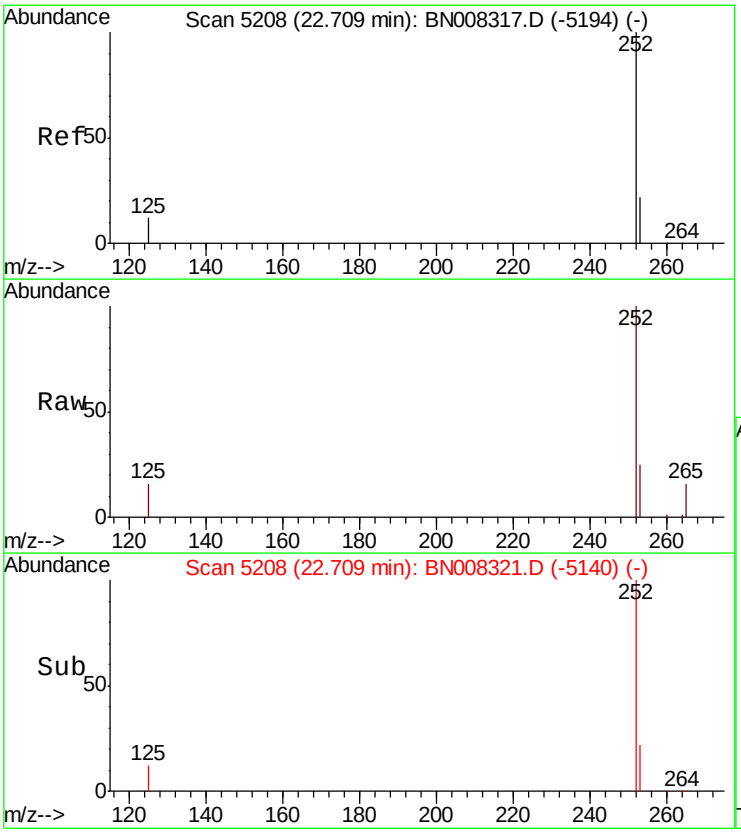
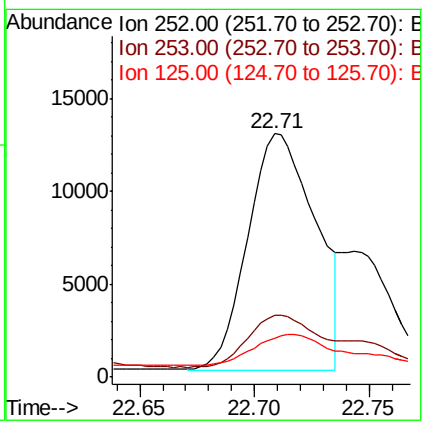
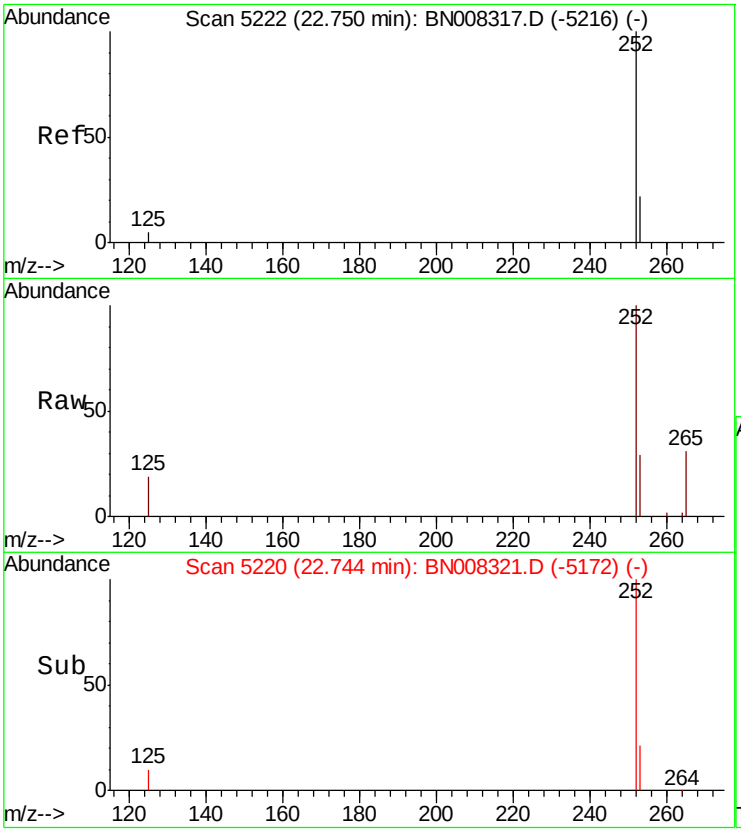


#21
Benzo(b)fluoranthene
Concen: 0.812 ng/ul m
RT: 22.71 min Scan# 5208
Delta R.T. 0.00 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:252 Resp: 25977

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	53.4
125	16.0	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 0.263 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:252 Resp: 9520

Ion	Ratio	Lower	Upper
252	100		
253	28.6	21.3	31.9
125	19.2	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
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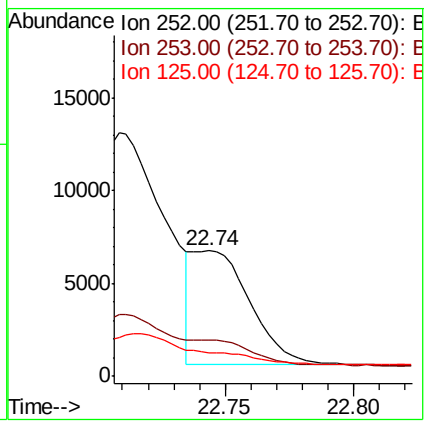
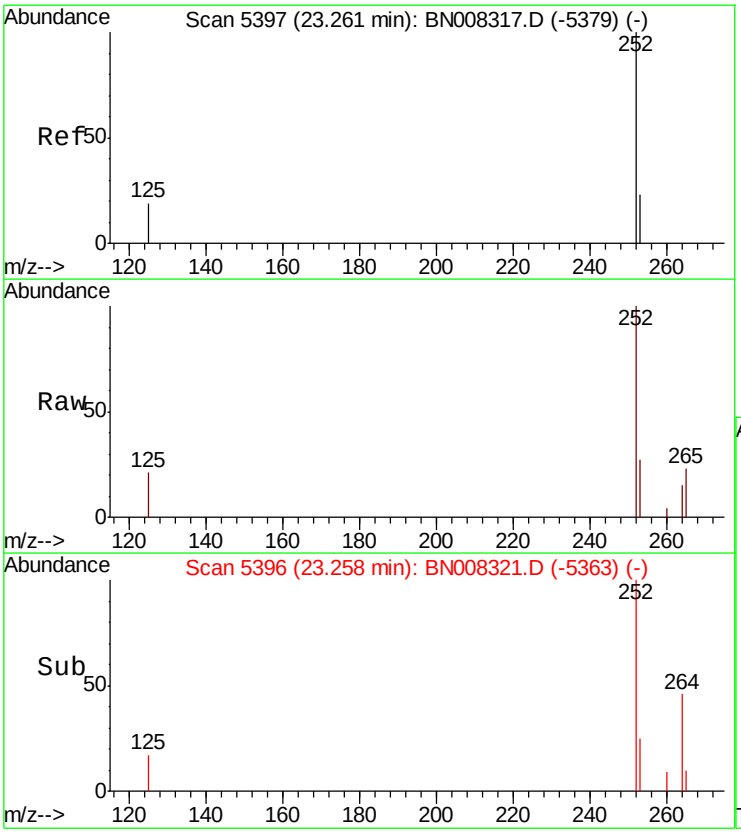
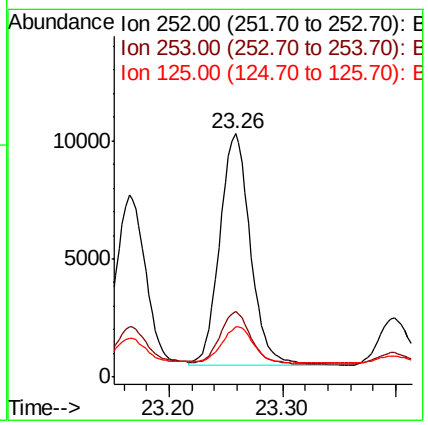


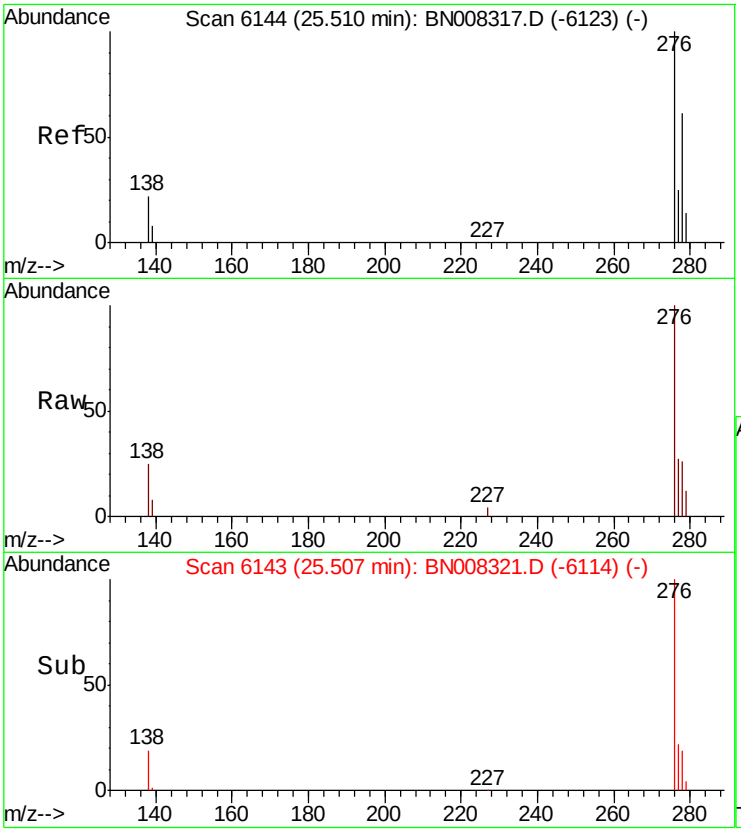


#23
Benzo(a)pyrene
Concen: 0.546 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:252 Resp: 18398

Ion	Ratio	Lower	Upper
252	100		
253	26.9	22.8	34.2
125	20.6	18.4	27.6





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.271 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.00 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:276 Resp: 10761

Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.1	24.1
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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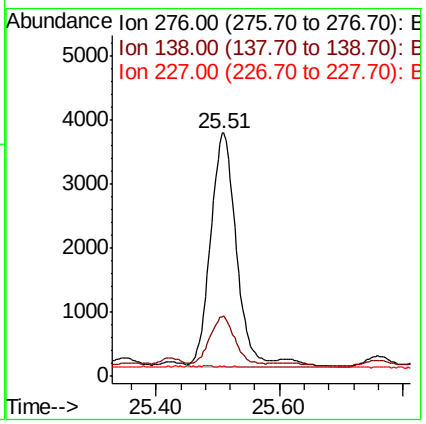
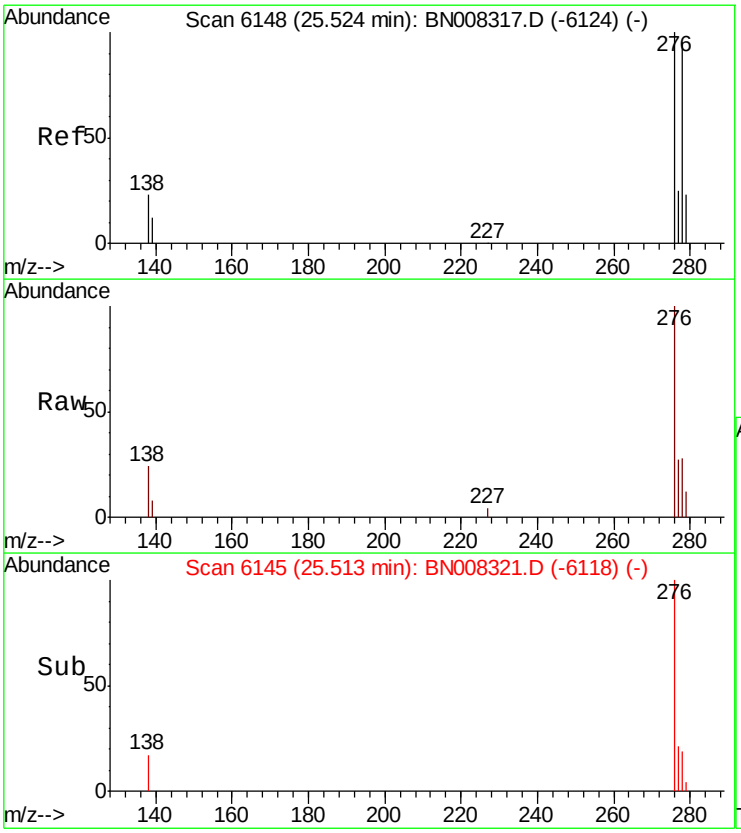
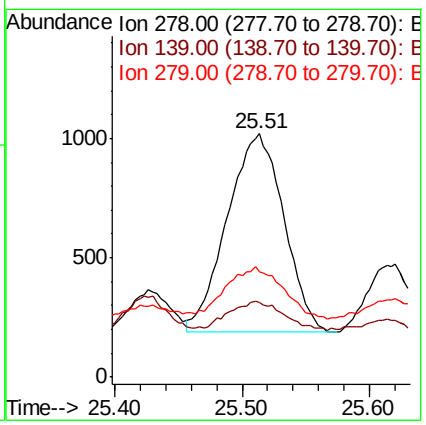


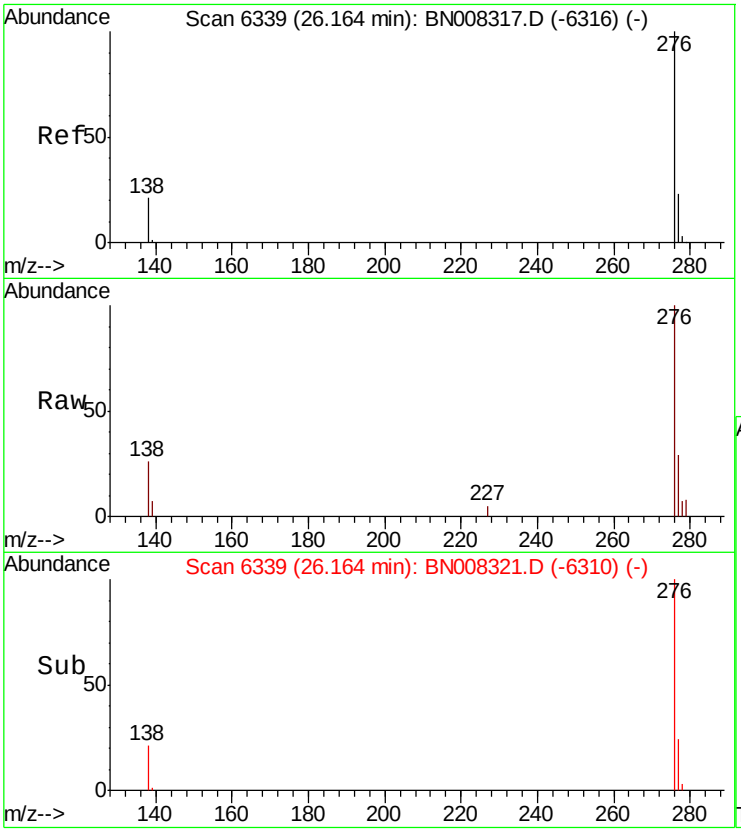


#25
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.01 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:278 Resp: 2584

Ion	Ratio	Lower	Upper
278	100		
139	30.7	15.0	22.6#
279	43.2	22.4	33.6#

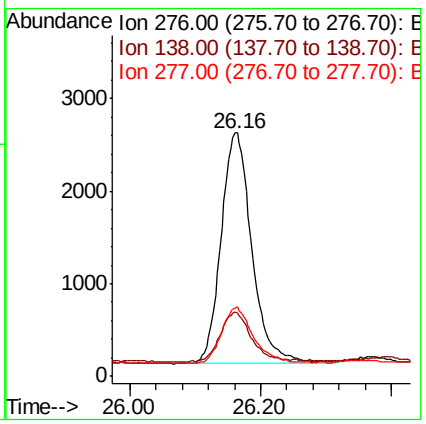




#26
Benzo(g,h,i)perylene
Concen: 0.224 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.00 min
Lab File: BN008321.D
Acq: 22 Oct 2019 18:58

Tgt Ion:276 Resp: 8138

Ion	Ratio	Lower	Upper
276	100		
138	25.7	17.0	25.4#
277	28.6	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
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