Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
Data File : BN008269.D
Acq On : 19 Oct 2019 14:40
Operator : JU
Sample : K5177-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEPC8DL

Manual Integrations APPROVED
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10/20/2019 8:03:48 PM

Quant Time: Oct 19 21:42:46 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	1985	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	9670	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	6573	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14642	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	15500	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	14559	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	403	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1457	0.03	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.01	178	17125	0.399	ng/ul	100
13) Anthracene	17.11	178	2400	0.064	ng/ul#	92
15) Fluoranthene	19.04	202	51564	0.911	ng/ul	99
17) Pyrene	19.40	202	43464	0.704	ng/ul	100
18) Benzo(a)anthracene	21.16	228	17818	0.316	ng/ul	98
19) Chrysene	21.22	228	23437	0.339	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	28507m	0.601	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	10227m	0.190	ng/ul	
23) Benzo(a)pyrene	23.26	252	17763	0.356	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.51	276	11932	0.203	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.52	278	2150	0.046	ng/ul#	73
26) Benzo(g,h,i)perylene	26.16	276	10856	0.202	ng/ul	97

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

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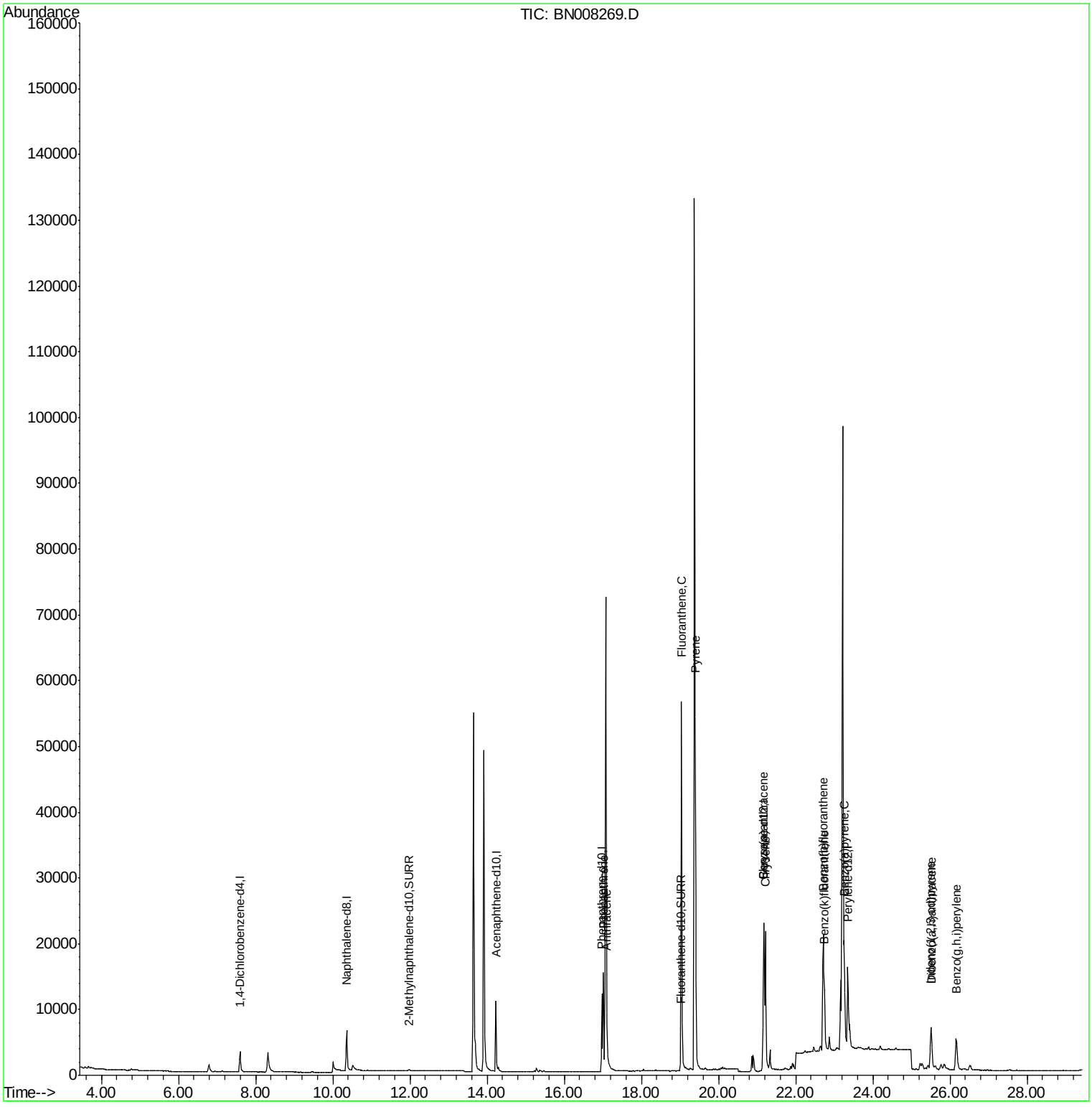
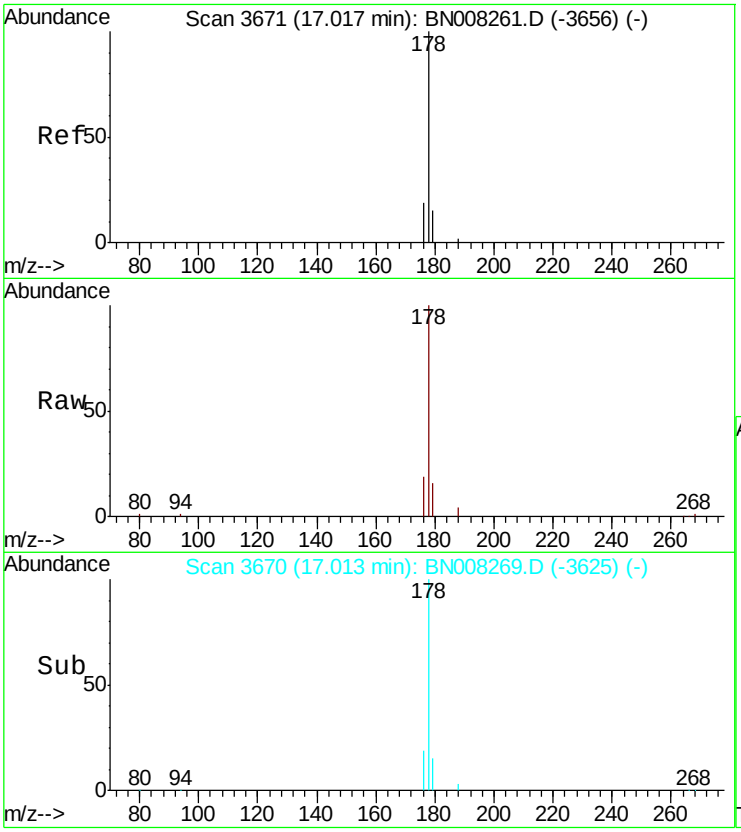
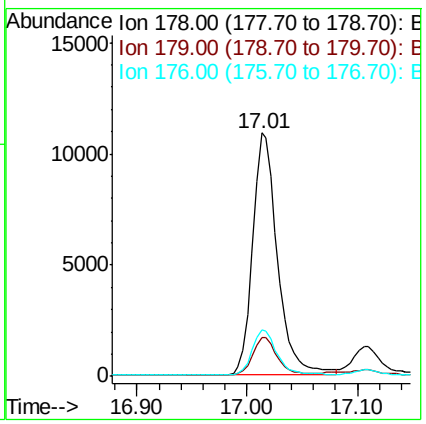




#12
Phenanthrene
Concen: 0.399 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BN008269.D
Acq: 19 Oct 2019 14:40

Tgt Ion:178 Resp: 17125

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.3	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
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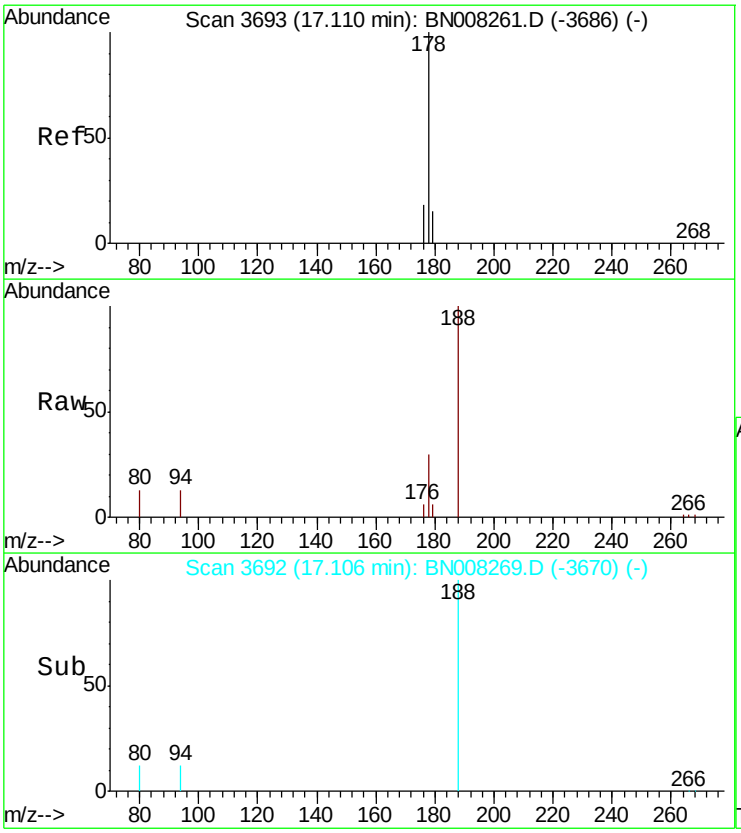
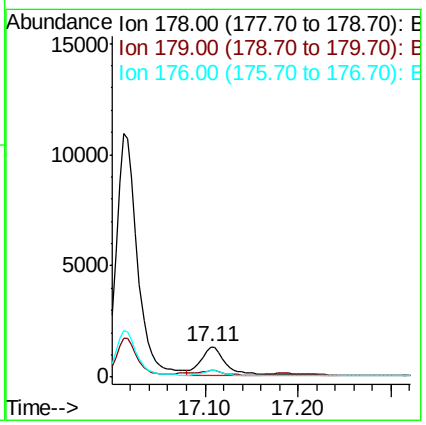
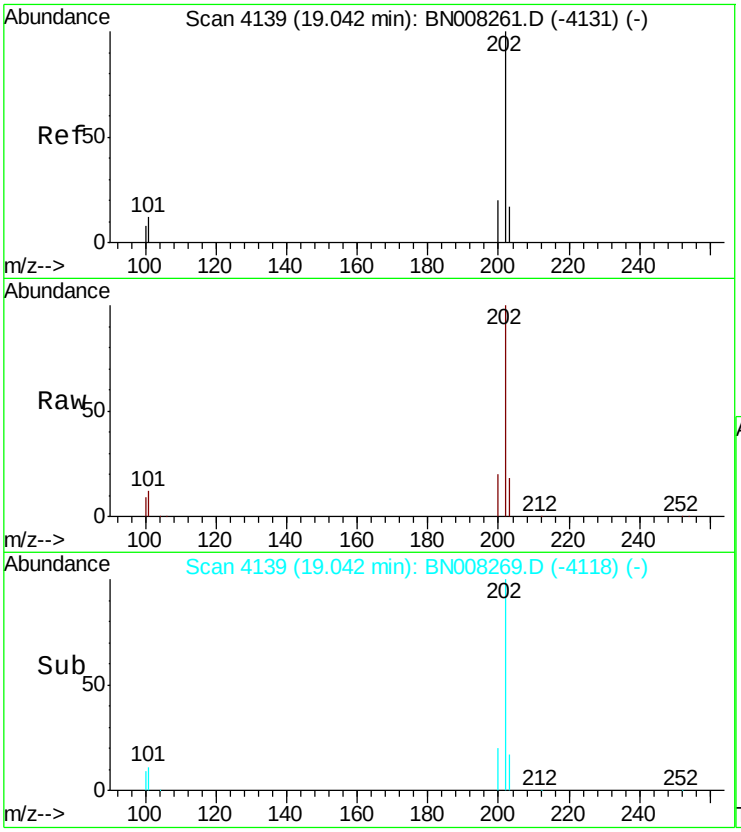


#13
Anthracene
Concen: 0.064 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BN008269.D
Acq: 19 Oct 2019 14:40

Tgt Ion:178 Resp: 2400

Ion	Ratio	Lower	Upper
178	100		
179	21.0	13.0	19.6#
176	21.5	15.0	22.6





#15
Fluoranthene
Concen: 0.911 ng/ul
RT: 19.04 min Scan# 4139
Delta R.T. -0.00 min
Lab File: BN008269.D
Acq: 19 Oct 2019 14:40

Tgt Ion:202 Resp: 51564

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.2
100	8.8	0.0	28.5

Instrument :
BNA_N
ClientSampleId :
BEPC8DL

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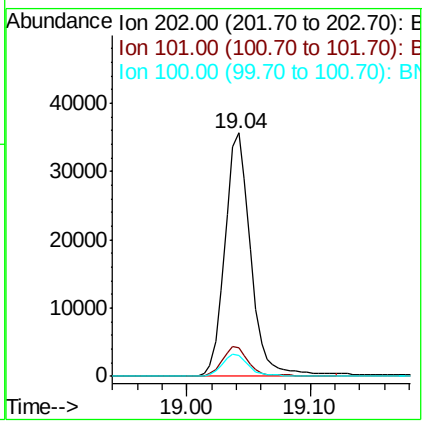
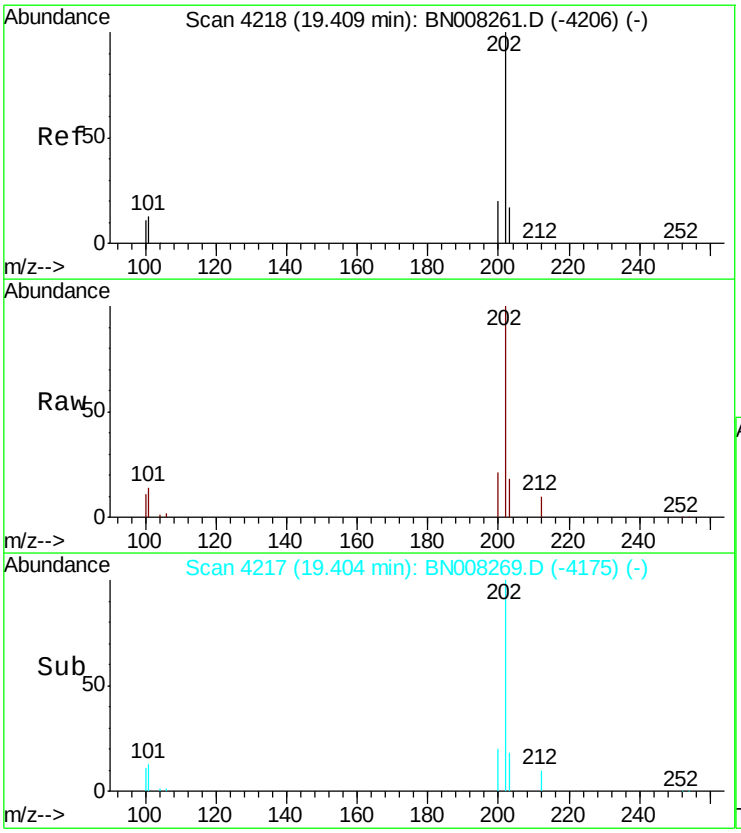
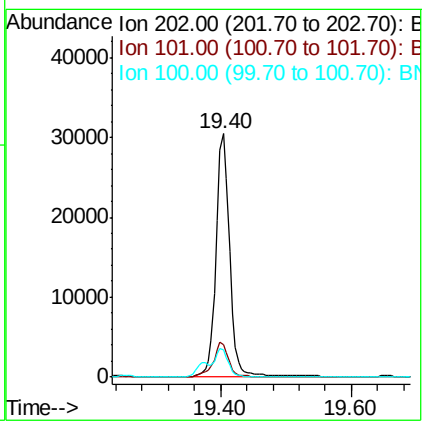


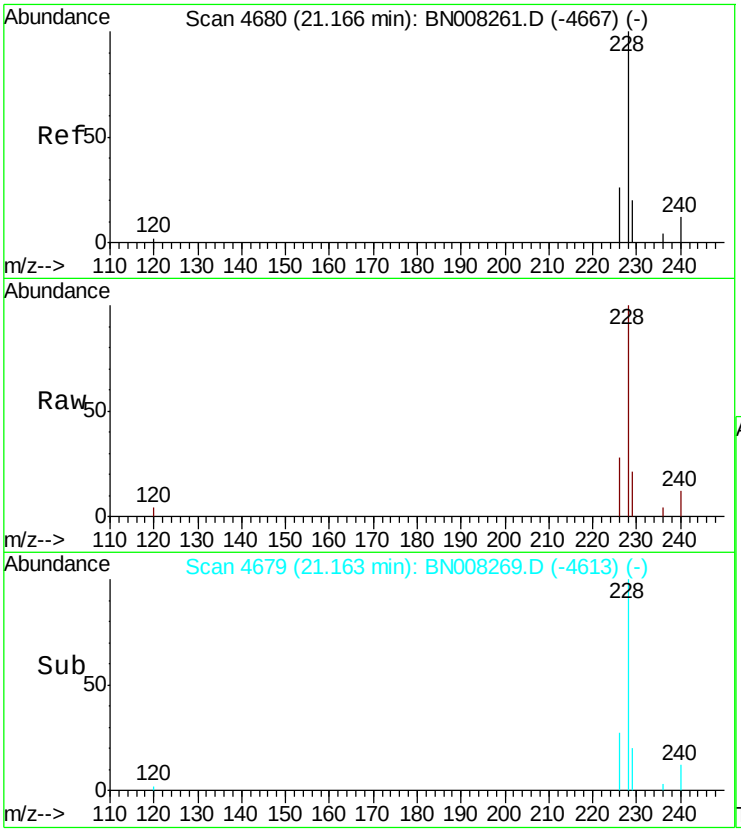


#17
Pyrene
Concen: 0.704 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BN008269.D
Acq: 19 Oct 2019 14:40

Tgt Ion:202 Resp: 43464

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.9	16.3
100	11.0	8.7	13.1

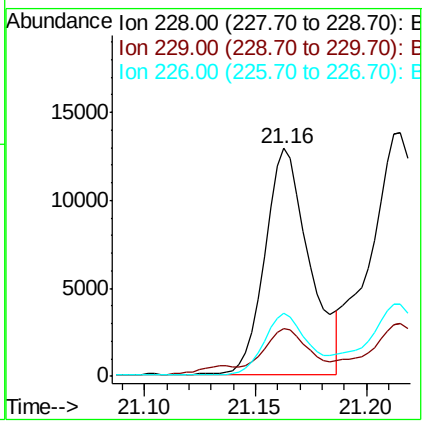




#18
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN008269.D
Acq: 19 Oct 2019 14:40

Tgt Ion:228 Resp: 17818

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.2
226	27.5	21.4	32.0



Instrument :
BNA_N
ClientSampleId :
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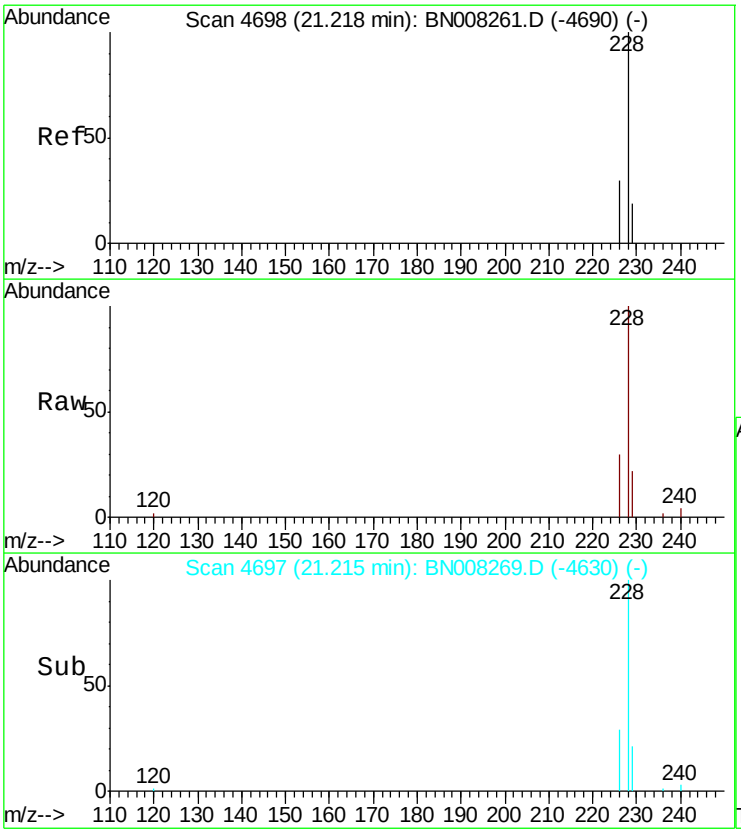
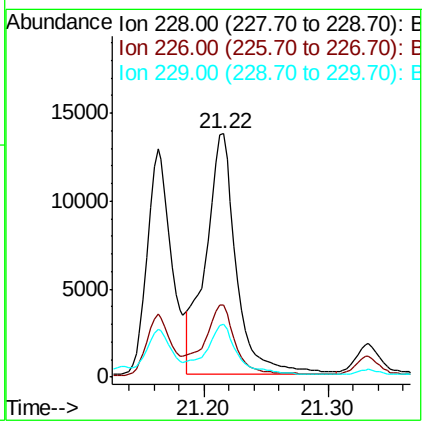
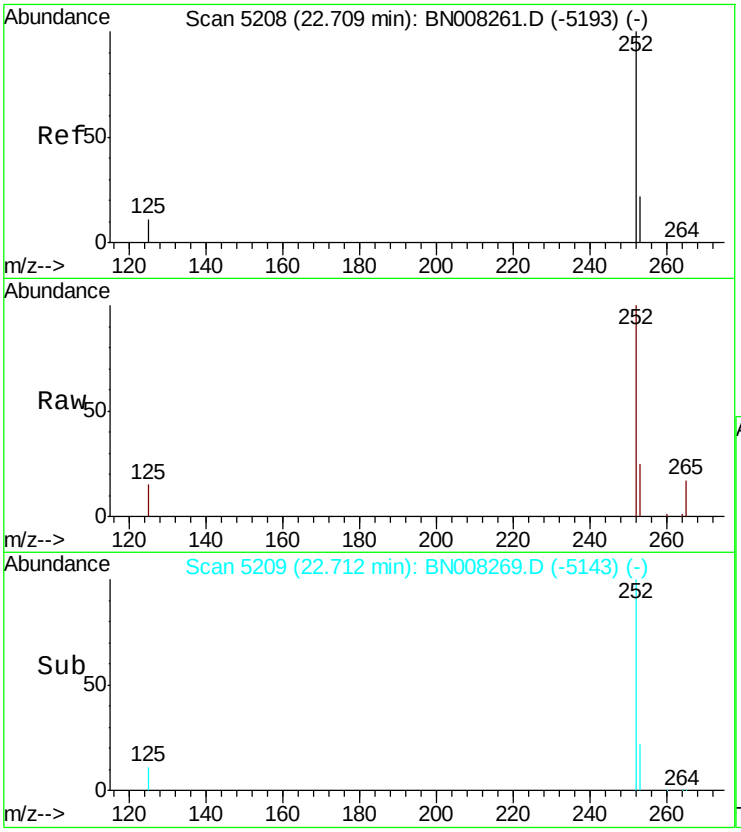


#19
Chrysene
Concen: 0.339 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. -0.01 min
Lab File: BN008269.D
Acq: 19 Oct 2019 14:40

Tgt Ion:228 Resp: 23437

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	21.5	16.2	24.2

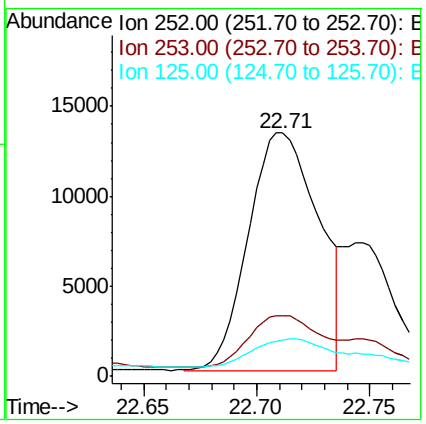




#21
Benzo(b)fluoranthene
Concen: 0.601 ng/ul m
RT: 22.71 min Scan# 5209
Delta R.T. -0.01 min
Lab File: BN008269.D
Acq: 19 Oct 2019 14:40

Tgt Ion:252 Resp: 28507

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	53.4
125	14.9	0.0	32.4



Instrument :
BNA_N
ClientSampleId :
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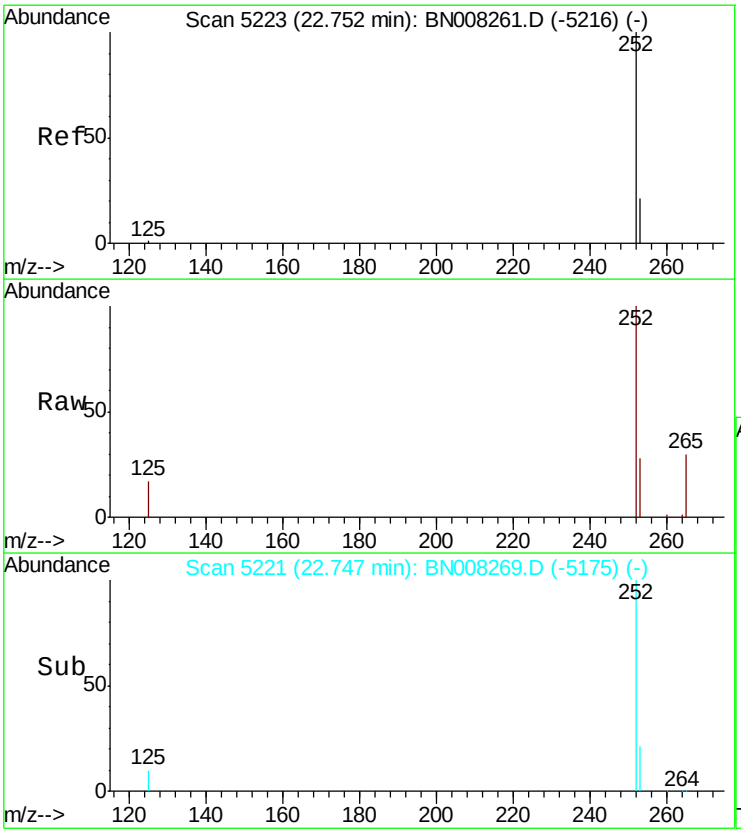
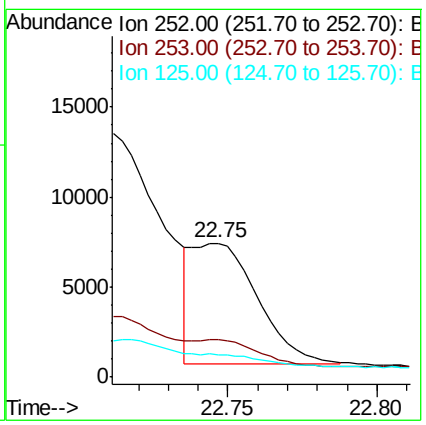
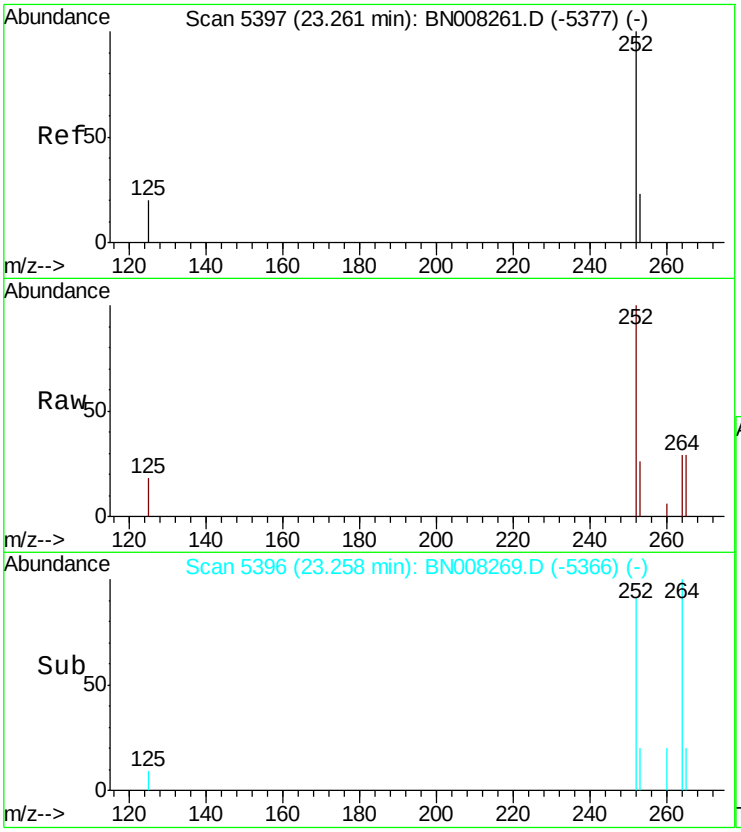


#22
Benzo(k)fluoranthene
Concen: 0.190 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008269.D
Acq: 19 Oct 2019 14:40

Tgt Ion:252 Resp: 10227

Ion	Ratio	Lower	Upper
252	100		
253	28.2	21.3	31.9
125	16.9	12.3	18.5





#23
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.01 min
Lab File: BN008269.D
Acq: 19 Oct 2019 14:40

Tgt Ion:252 Resp: 17763

Ion	Ratio	Lower	Upper
252	100		
253	26.2	22.8	34.2
125	17.8	18.4	27.6#

Instrument :
BNA_N
ClientSampleId :
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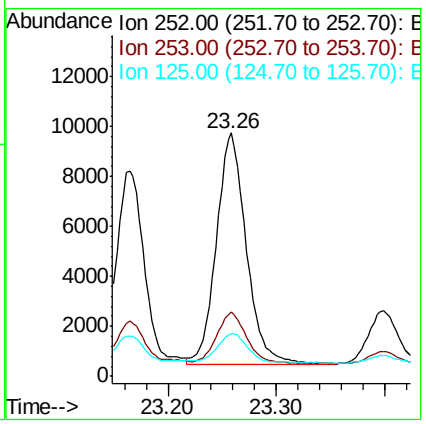
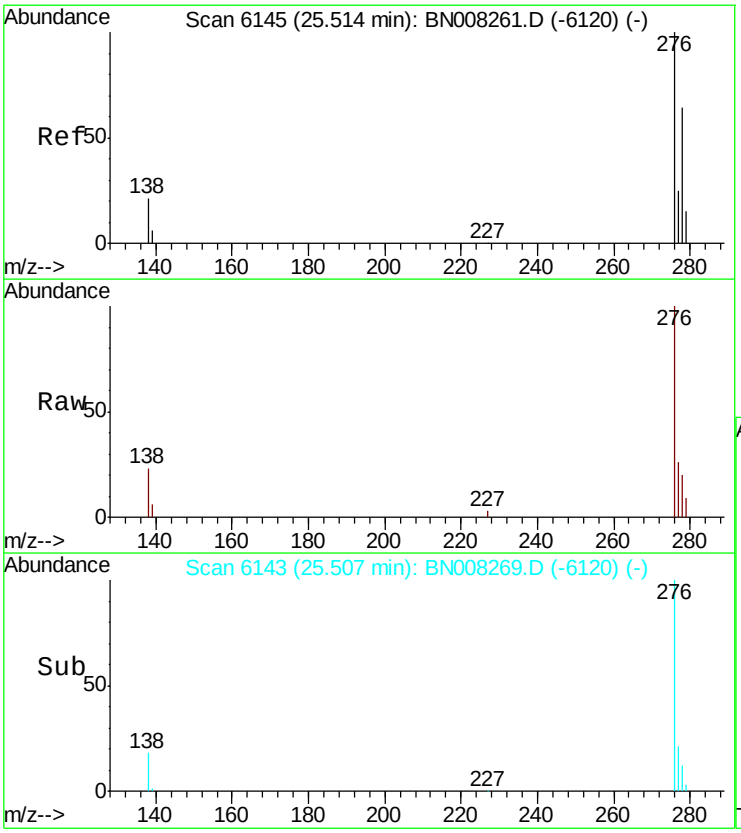
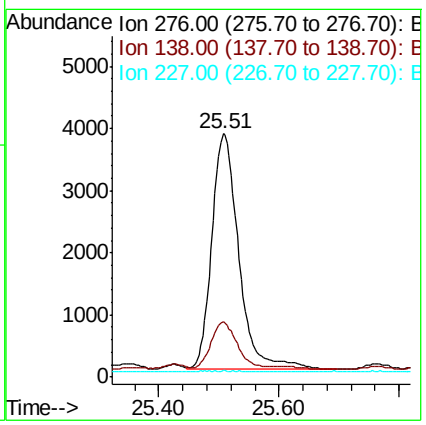


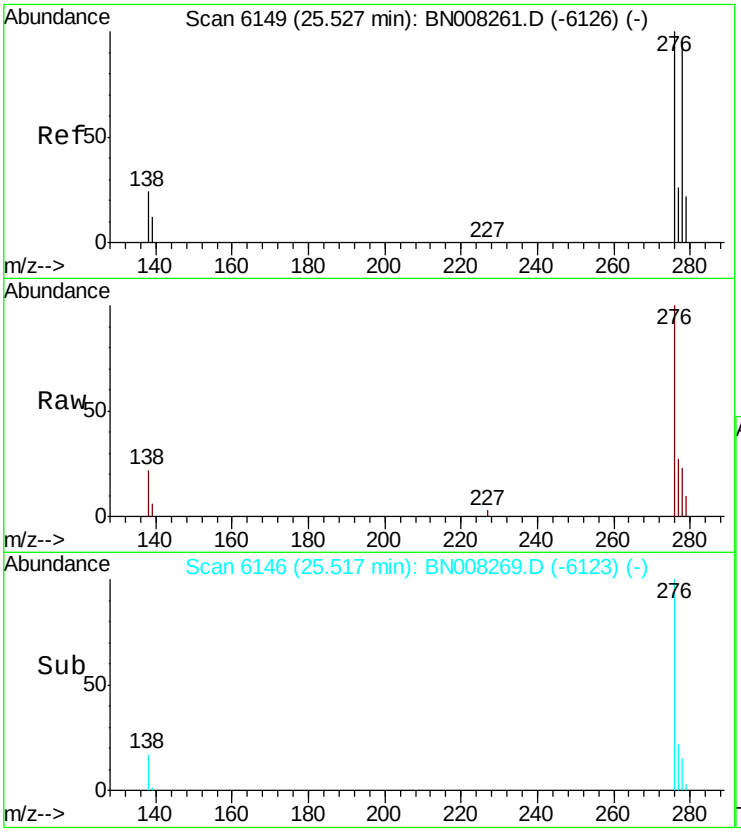


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.203 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008269.D
Acq: 19 Oct 2019 14:40

Tgt Ion:276 Resp: 11932

Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.1	24.1
227	0.0	0.2	0.2#

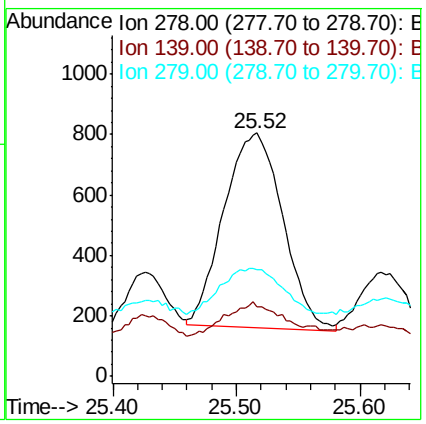




#25
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 25.52 min Scan# 6146
Delta R.T. -0.02 min
Lab File: BN008269.D
Acq: 19 Oct 2019 14:40

Tgt Ion:278 Resp: 2150

Ion	Ratio	Lower	Upper
278	100		
139	28.5	15.0	22.6#
279	43.8	22.4	33.6#



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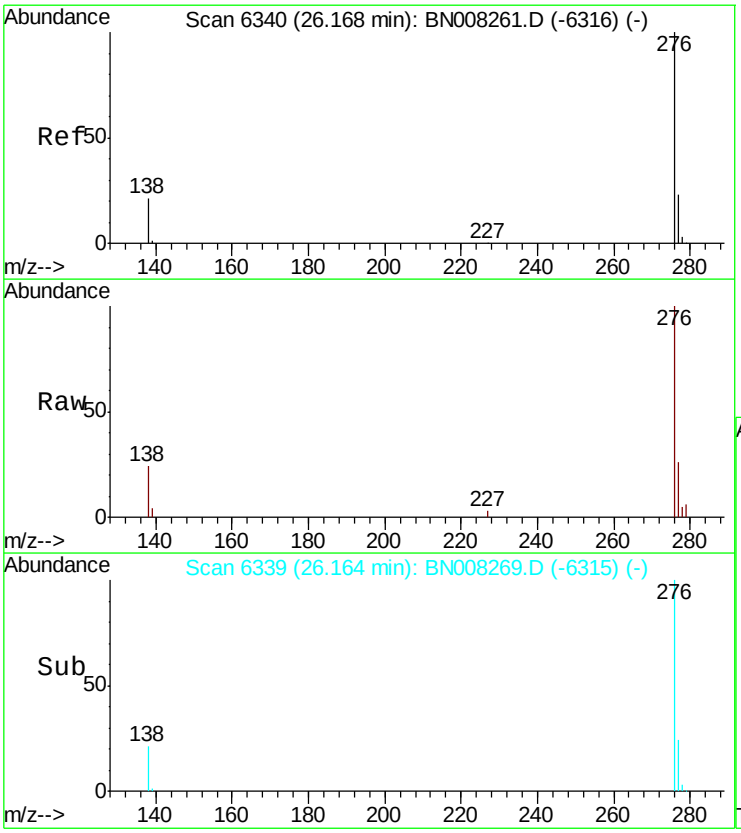

#26
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.02 min
Lab File: BN008269.D
Acq: 19 Oct 2019 14:40

Tgt Ion:276 Resp: 10856

Ion	Ratio	Lower	Upper
276	100		
138	23.8	17.0	25.4
277	26.2	20.4	30.6