Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008307.D
Acq On : 22 Oct 2019 10:04
Operator : JU
Sample : K5199-02DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPJ6DL

Manual Integrations APPROVED
mohammad
10/23/2019 8:06:16 AM

Quant Time: Oct 22 13:39:06 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 : Tue Oct 22 13:04:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1533	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	7305	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	4676	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	10166	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	10268	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	10429	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	966	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	3253	0.09	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.94	152	1258	0.056	ng/ul#	85
9) Fluorene	15.28	166	396	0.020	ng/ul#	91
12) Phenanthrene	17.01	178	7034	0.236	ng/ul	99
13) Anthracene	17.10	178	1916	0.073	ng/ul#	90
15) Fluoranthene	19.04	202	20666	0.526	ng/ul	97
17) Pyrene	19.40	202	23497	0.575	ng/ul	98
18) Benzo(a)anthracene	21.16	228	14070	0.377	ng/ul	96
19) Chrysene	21.21	228	14630	0.319	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	15972m	0.470	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	6367m	0.166	ng/ul	
23) Benzo(a)pyrene	23.26	252	11885	0.333	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.51	276	6979	0.166	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.51	278	1740	0.052	ng/ul#	59
26) Benzo(g,h,i)perylene	26.16	276	5975	0.155	ng/ul#	91

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

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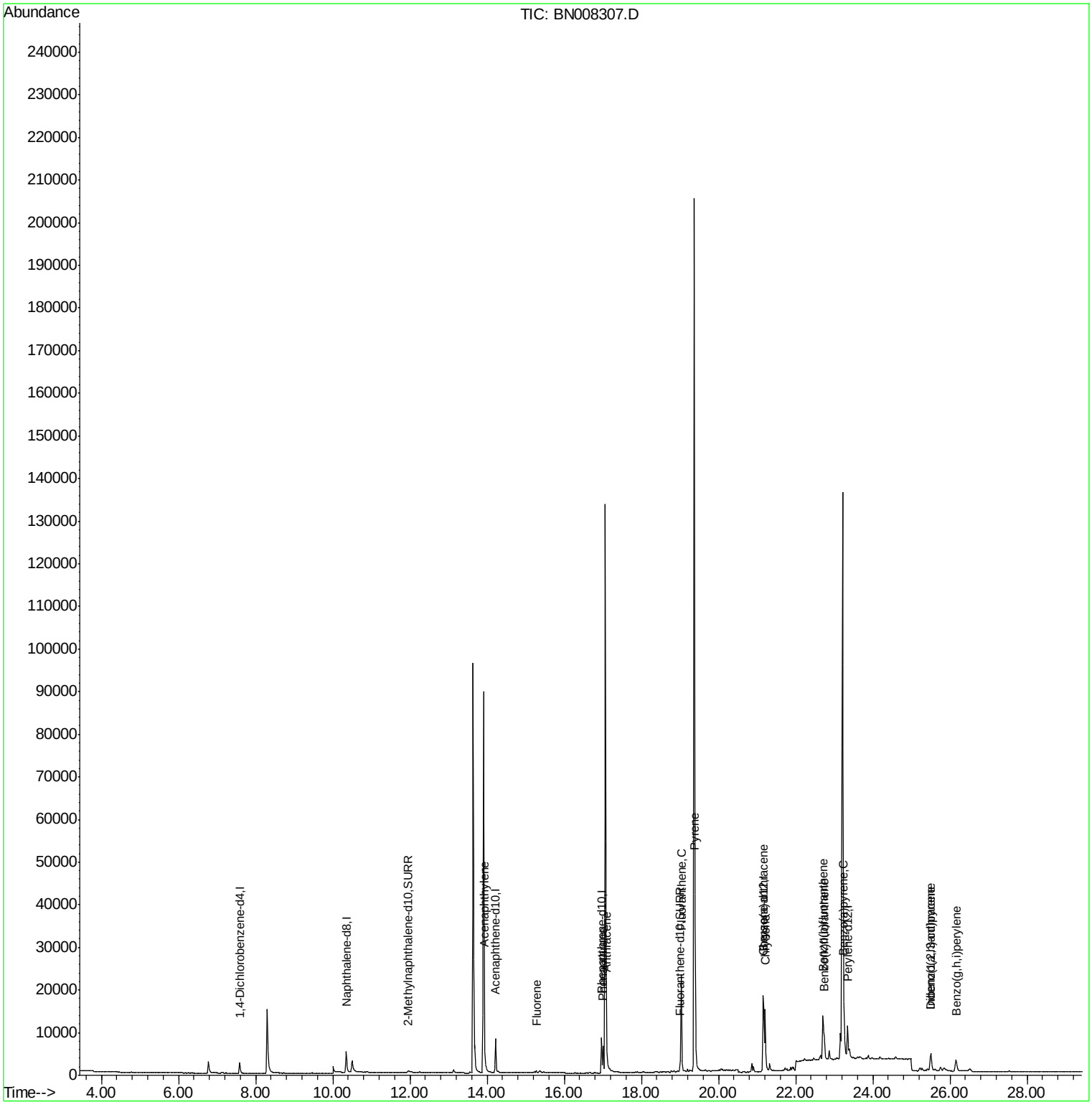

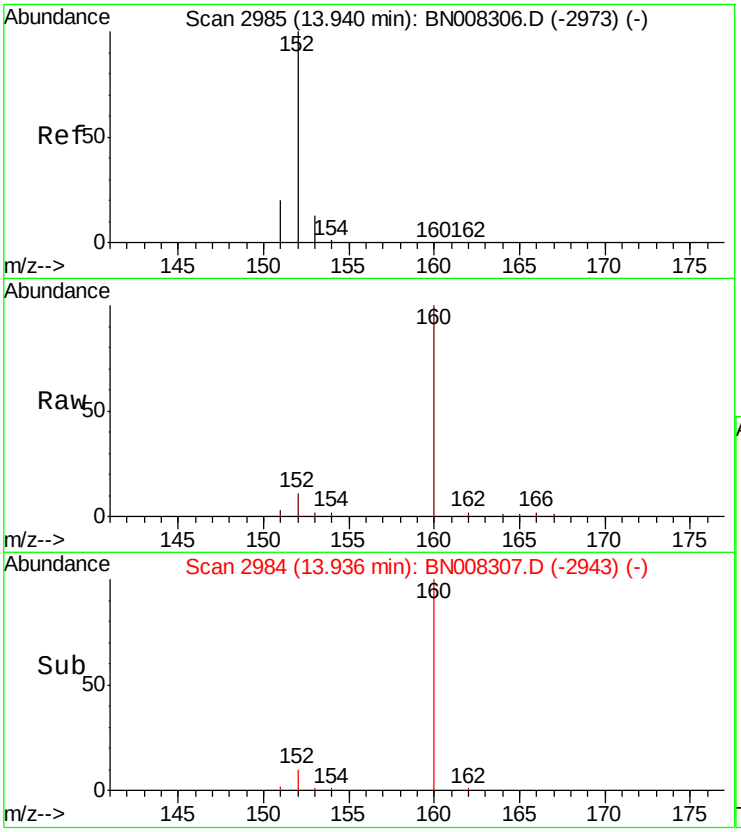

#7
Acenaphthylene
Concen: 0.056 ng/ul
RT: 13.94 min Scan# 2984
Delta R.T. -0.01 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:152 Resp: 1258

Ion	Ratio	Lower	Upper
152	100		
151	26.2	16.2	24.4#
153	20.9	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
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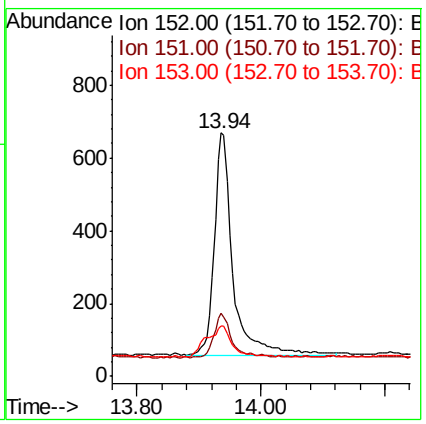
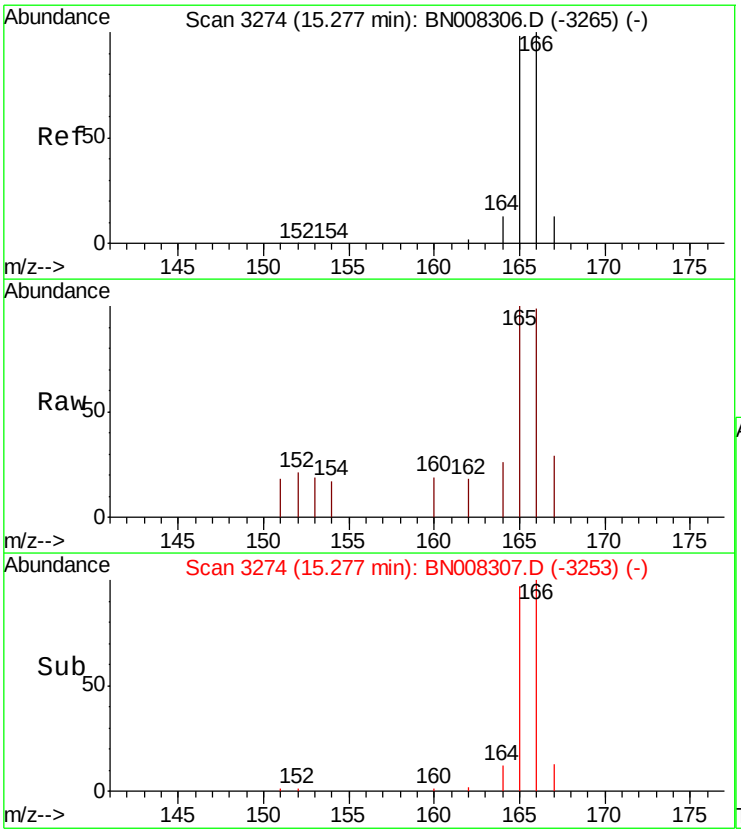
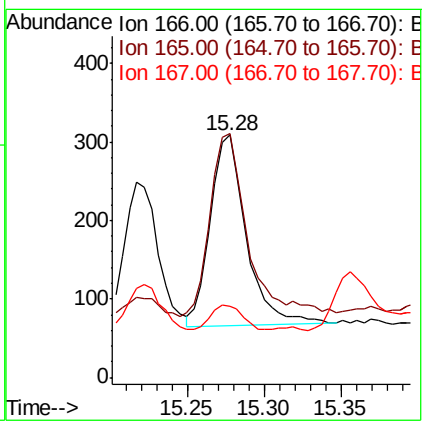


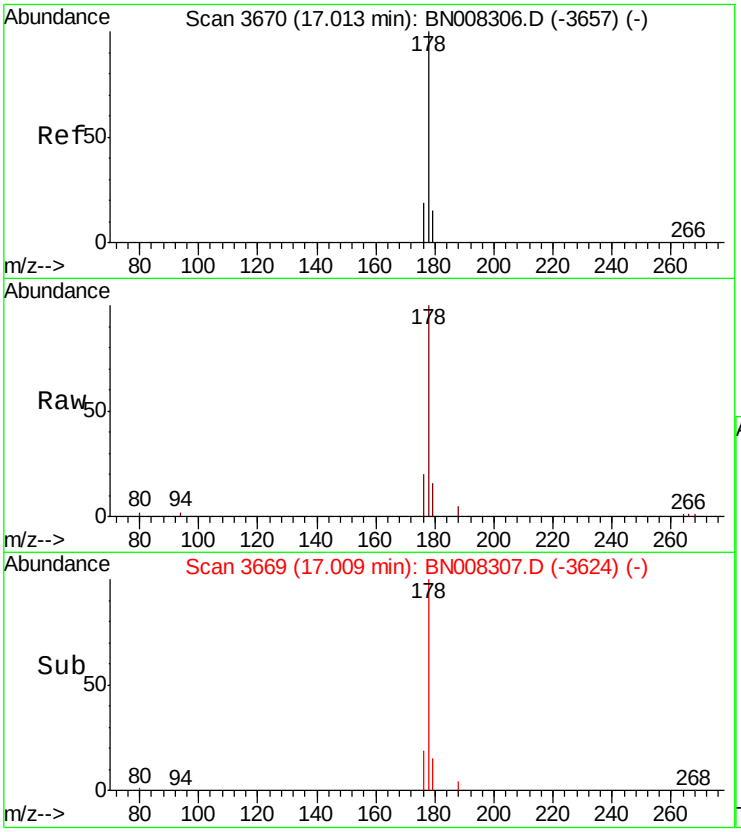


#9
Fluorene
Concen: 0.020 ng/ul
RT: 15.28 min Scan# 3274
Delta R.T. -0.00 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:166 Resp: 396

Ion	Ratio	Lower	Upper
166	100		
165	100.6	76.6	115.0
167	29.1	11.7	17.5#

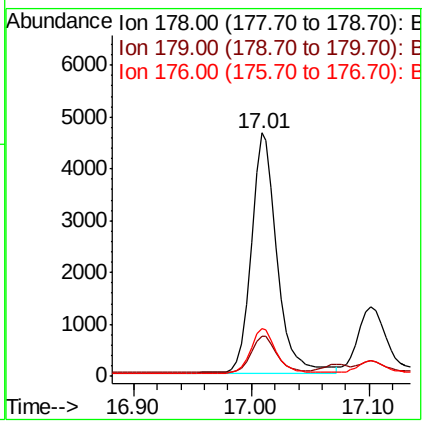




#12
Phenanthrene
Concen: 0.236 ng/ul
RT: 17.01 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:178 Resp: 7034

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	19.6	15.4	23.2



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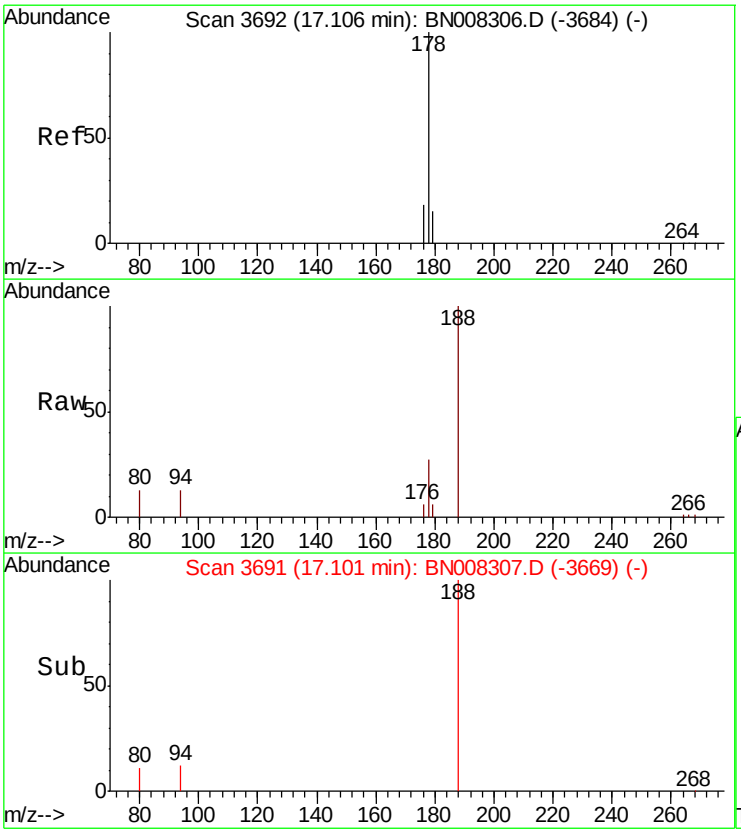
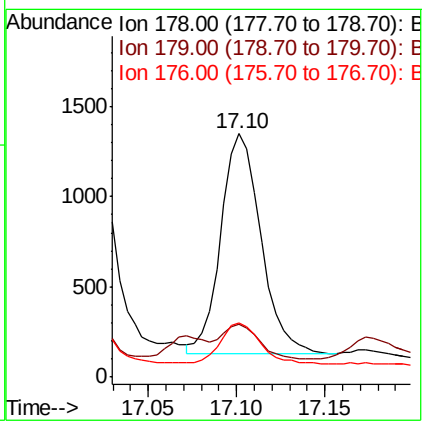
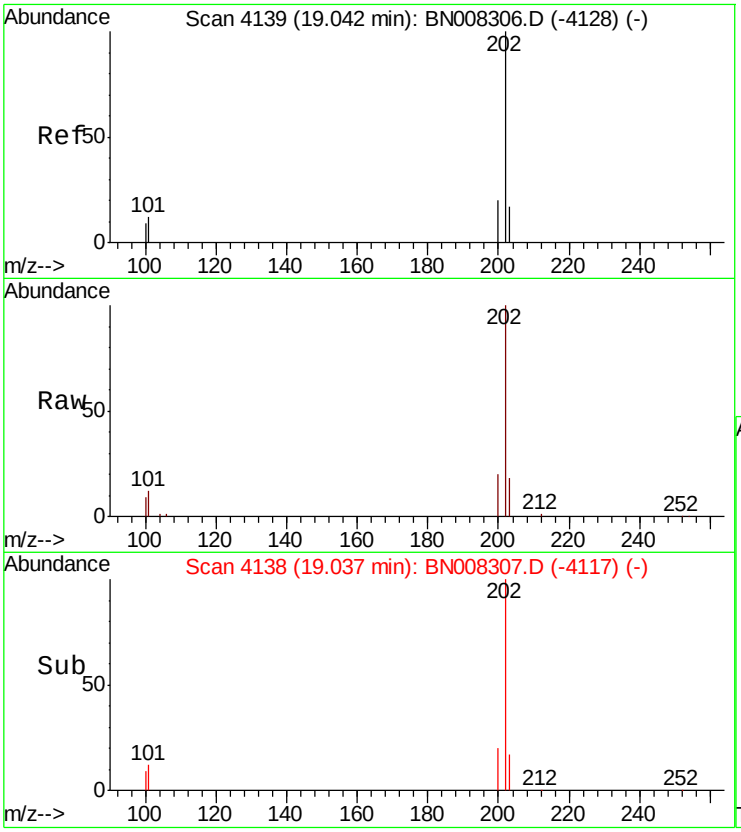


#13
Anthracene
Concen: 0.073 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:178 Resp: 1916

Ion	Ratio	Lower	Upper
178	100		
179	21.6	13.0	19.6#
176	22.0	15.0	22.6

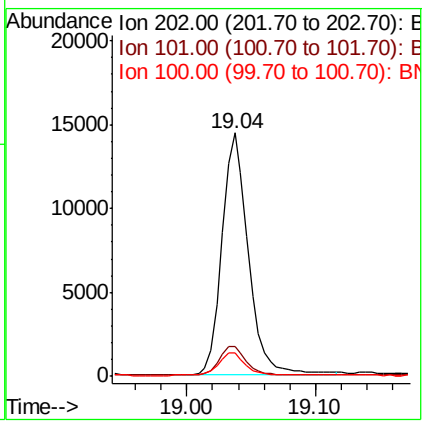




#15
Fluoranthene
Concen: 0.526 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:202 Resp: 20666

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.2
100	9.4	0.0	28.5



Instrument :
BNA_N
ClientSampleId :
BEPJ6DL

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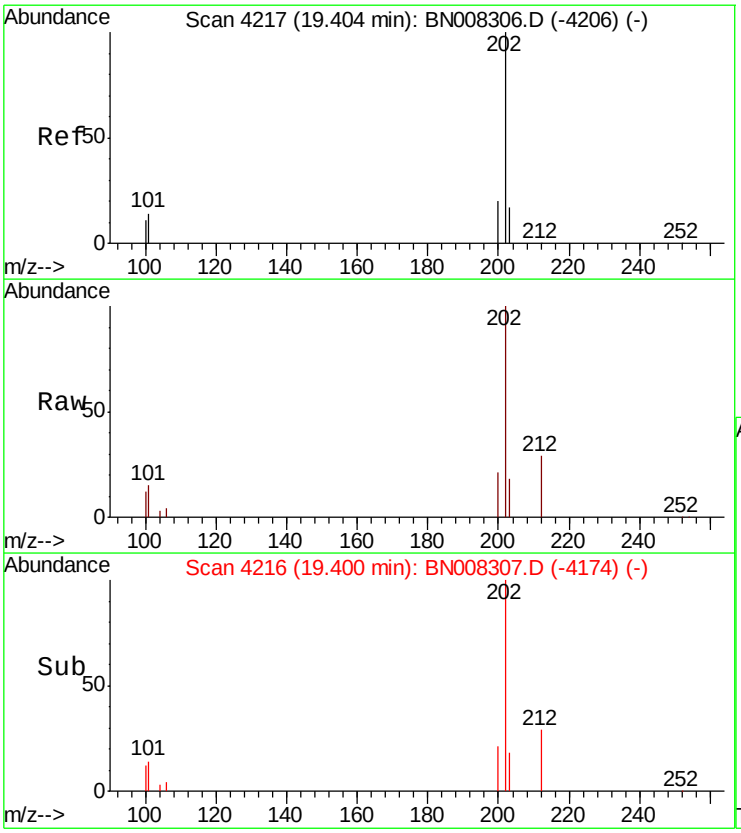
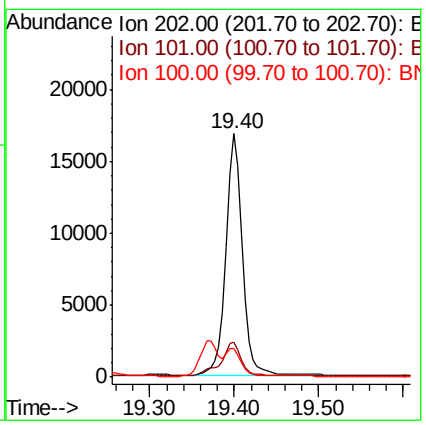
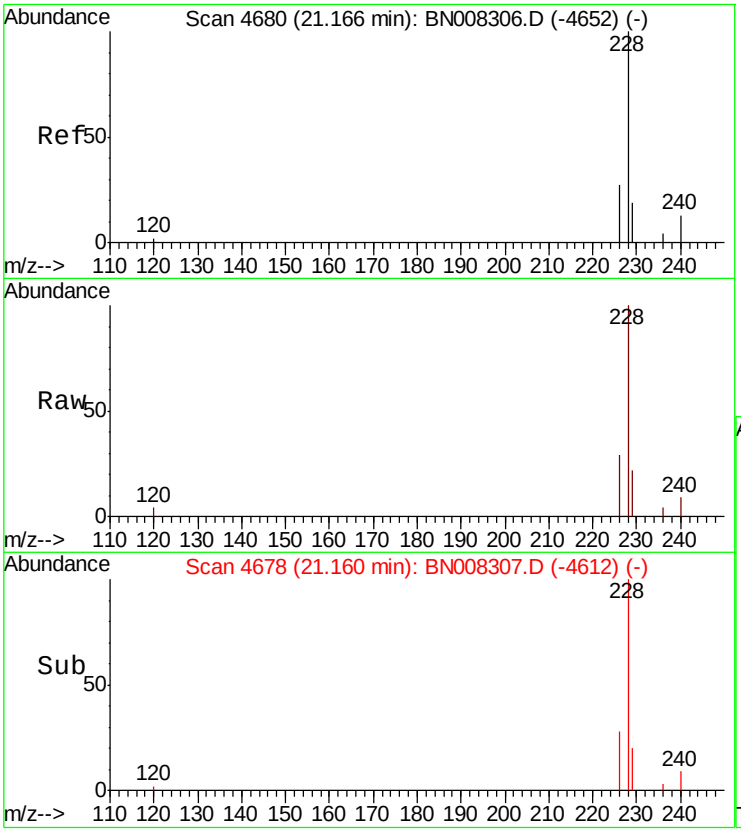


#17
Pyrene
Concen: 0.575 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:202 Resp: 23497

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.9	16.3
100	11.9	8.7	13.1

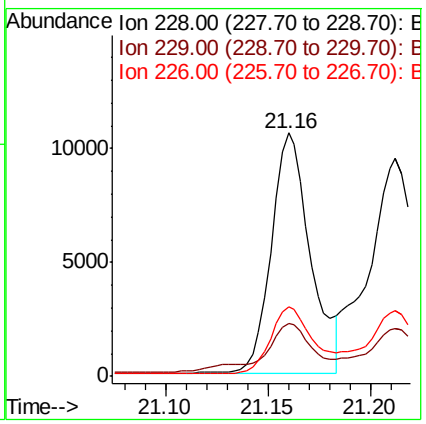




#18
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:228 Resp: 14070

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.2
226	28.8	21.4	32.0



Instrument :
BNA_N
ClientSampleId :
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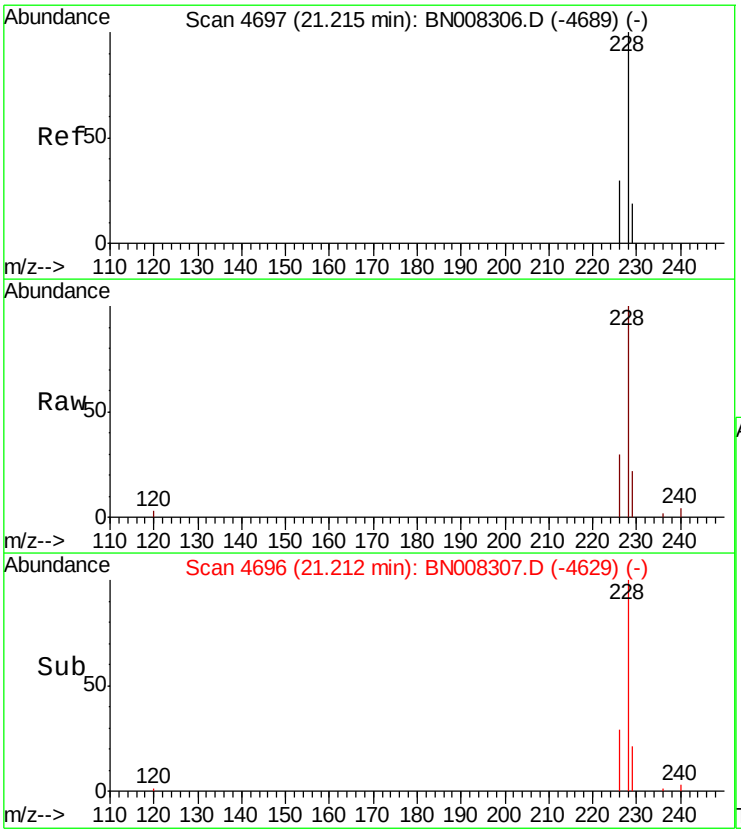
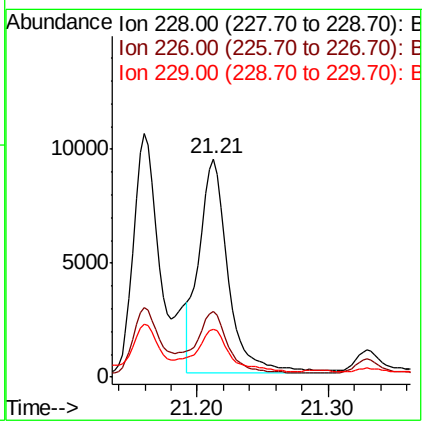
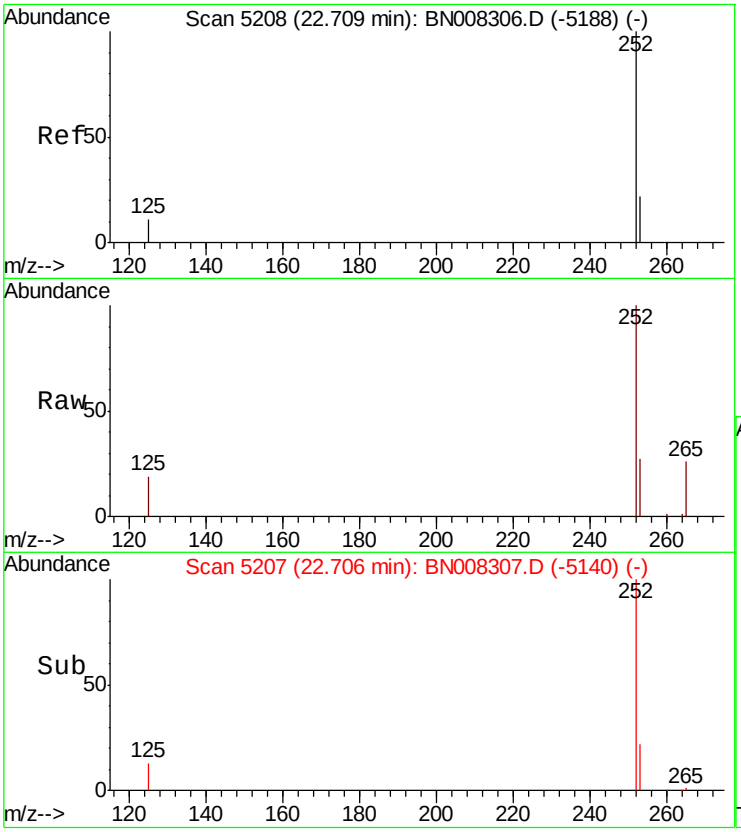


#19
Chrysene
Concen: 0.319 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:228 Resp: 14630

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	22.1	16.2	24.2

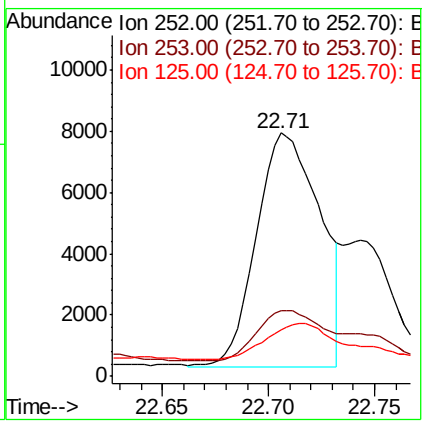




#21
Benzo(b)fluoranthene
Concen: 0.470 ng/ul m
RT: 22.71 min Scan# 5207
Delta R.T. -0.00 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:252 Resp: 15972

Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	53.4
125	19.2	0.0	32.4



Instrument :
BNA_N
ClientSampleId :
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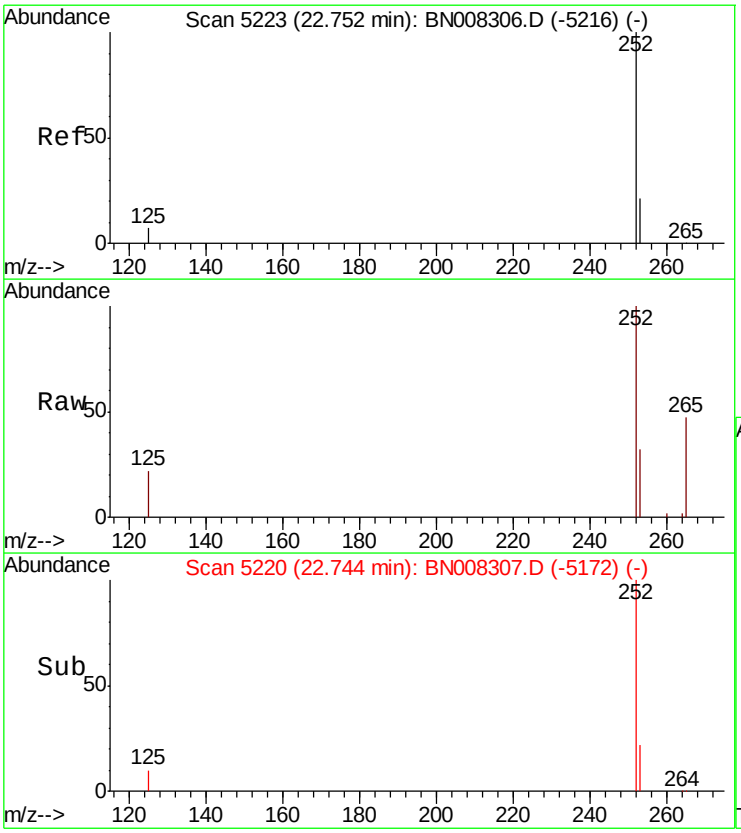
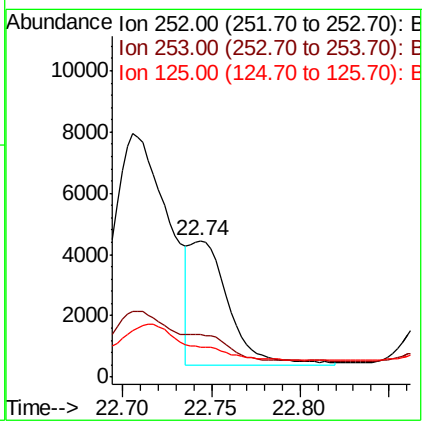
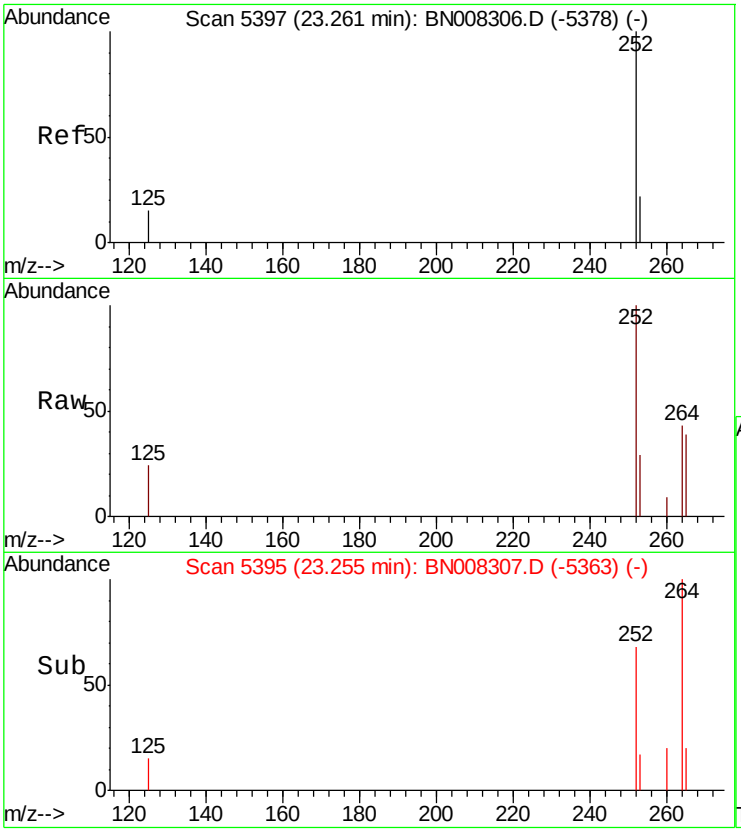


#22
Benzo(k)fluoranthene
Concen: 0.166 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:252 Resp: 6367

Ion	Ratio	Lower	Upper
252	100		
253	31.7	21.3	31.9
125	21.8	12.3	18.5#





#23
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.26 min Scan# 5395
Delta R.T. -0.01 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:252 Resp: 11885

Ion	Ratio	Lower	Upper
252	100		
253	28.6	22.8	34.2
125	23.9	18.4	27.6

Instrument :
BNA_N
ClientSampleId :
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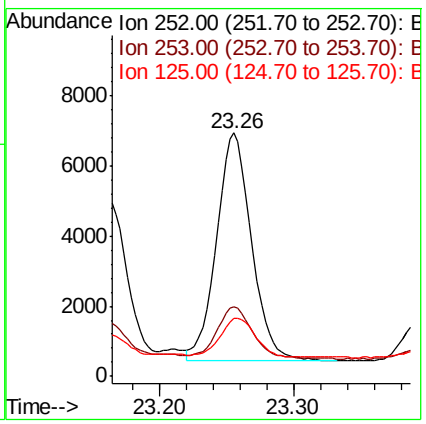
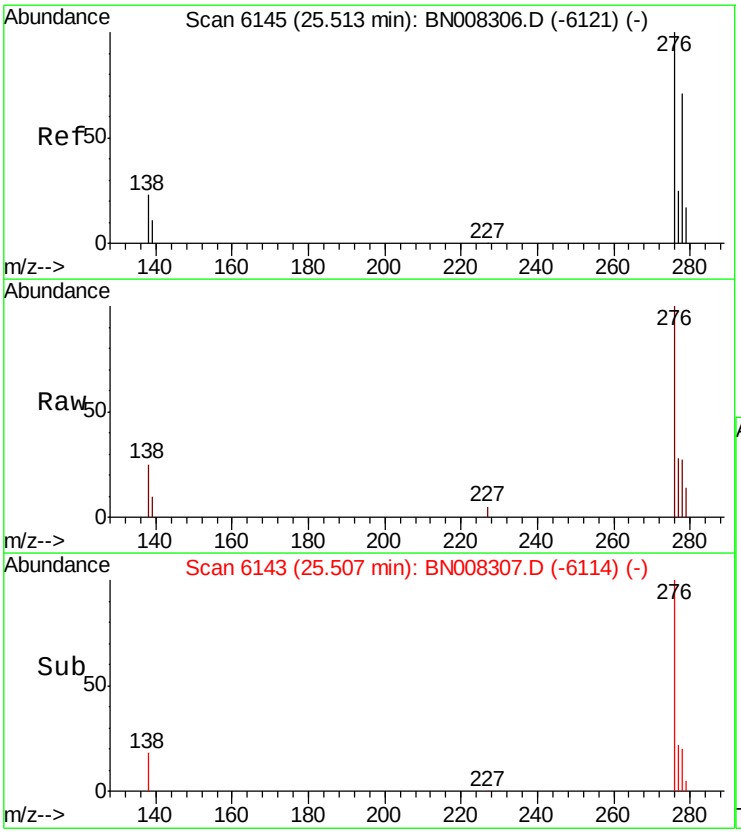
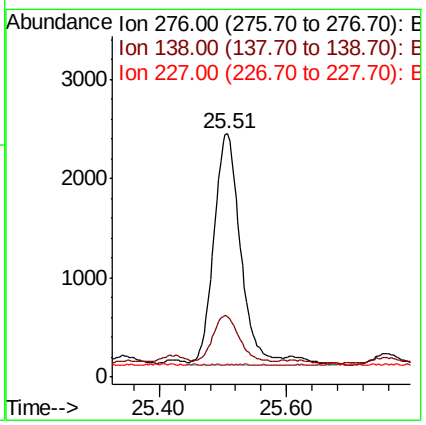


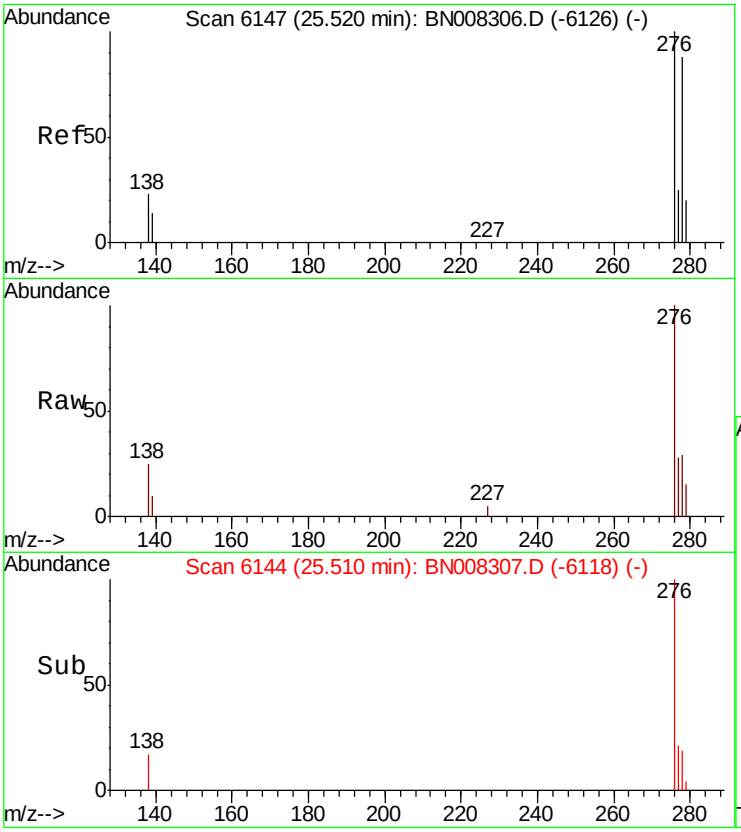


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.166 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.00 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:276 Resp: 6979

Ion	Ratio	Lower	Upper
276	100		
138	18.2	16.1	24.1
227	0.2	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. -0.01 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:278 Resp: 1740

Ion	Ratio	Lower	Upper
278	100		
139	34.9	15.0	22.6#
279	51.5	22.4	33.6#

Instrument :
BNA_N
ClientSampleId :
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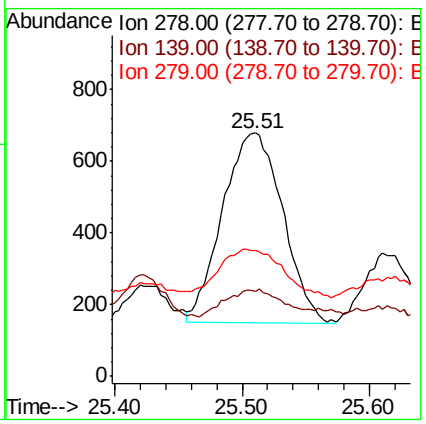

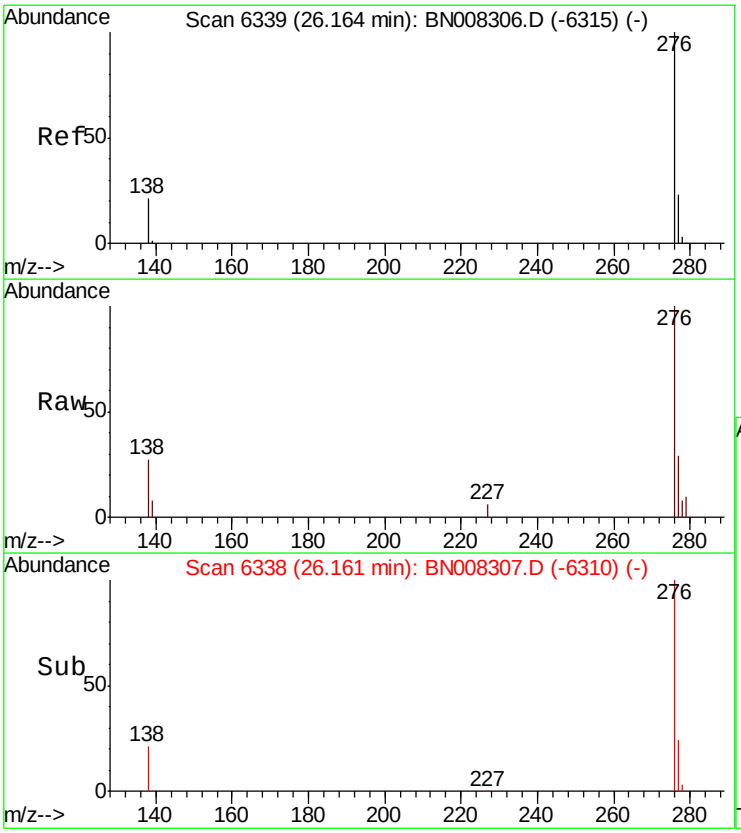

#26
Benzo(g,h,i)perylene
Concen: 0.155 ng/ul
RT: 26.16 min Scan# 6338
Delta R.T. -0.01 min
Lab File: BN008307.D
Acq: 22 Oct 2019 10:04

Tgt Ion:276 Resp: 5975

Ion	Ratio	Lower	Upper
276	100		
138	26.9	17.0	25.4#
277	29.0	20.4	30.6