Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
Data File : BN008362.D
Acq On : 23 Oct 2019 22:43
Operator : JU
Sample : K5223-16DL 10X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPA4DL

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10/24/2019 8:07:04 AM

Quant Time: Oct 24 02:15:30 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 : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1669	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	7885	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.21	164	5306	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	11415	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10244	0.40	ng/ul	-0.01
20) Perylene-d12	23.34	264	8009	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	354	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1161	0.03	ng/ul	-0.01
Target Compounds						Qvalue
7) Acenaphthylene	13.93	152	782	0.031	ng/ul#	78
9) Fluorene	15.27	166	458	0.021	ng/ul#	95
12) Phenanthrene	17.00	178	9633	0.288	ng/ul	99
13) Anthracene	17.10	178	2004	0.068	ng/ul#	90
15) Fluoranthene	19.03	202	27008	0.612	ng/ul	98
17) Pyrene	19.40	202	26771	0.656	ng/ul	99
18) Benzo(a)anthracene	21.15	228	14175	0.381	ng/ul	96
19) Chrysene	21.21	228	14262	0.312	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	17539m	0.673	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	5552m	0.188	ng/ul	
23) Benzo(a)pyrene	23.24	252	10814	0.394	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.49	276	7156	0.221	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.49	278	1497	0.059	ng/ul#	66
26) Benzo(g,h,i)perylene	26.14	276	5883	0.199	ng/ul#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102219\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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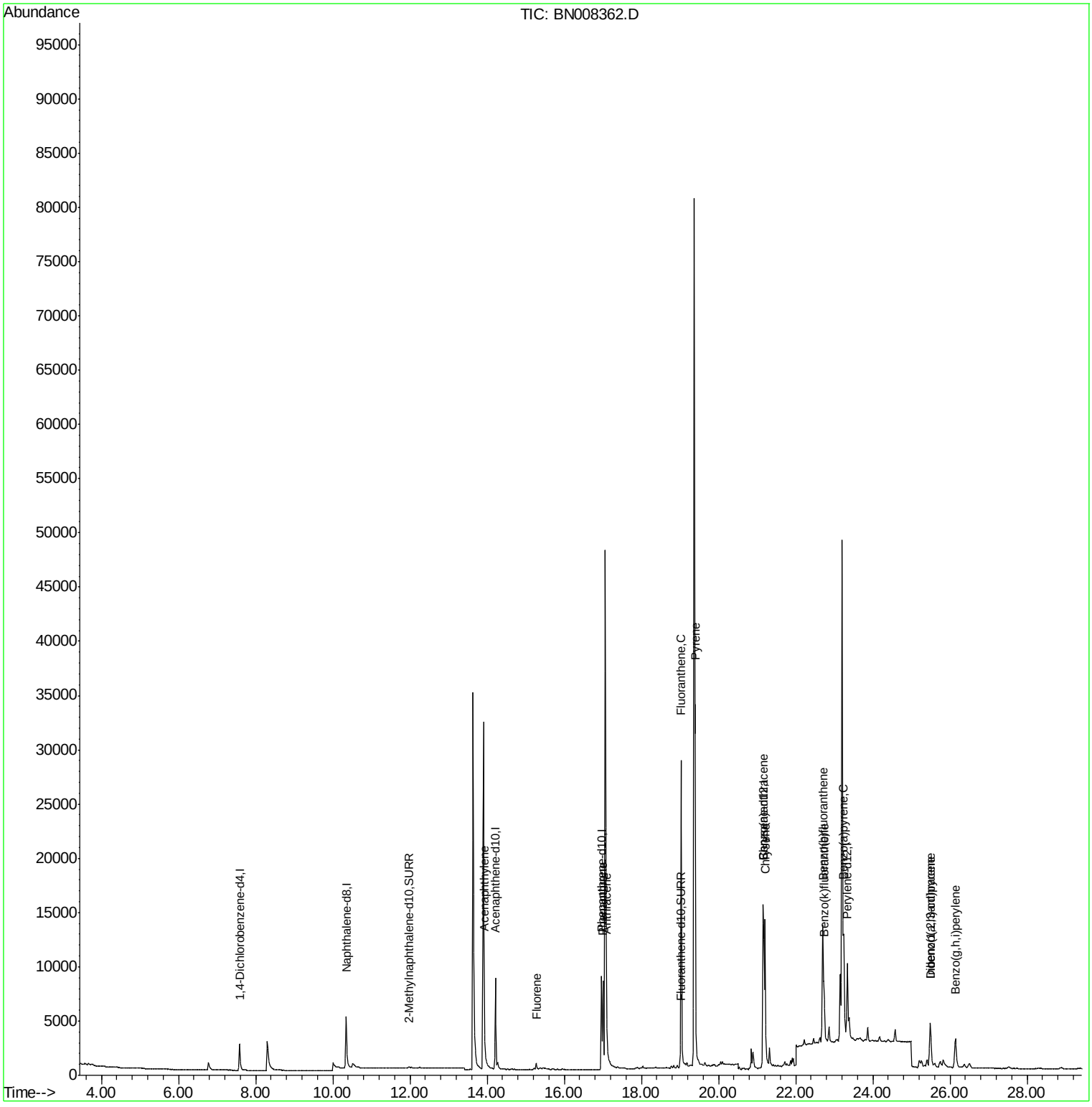

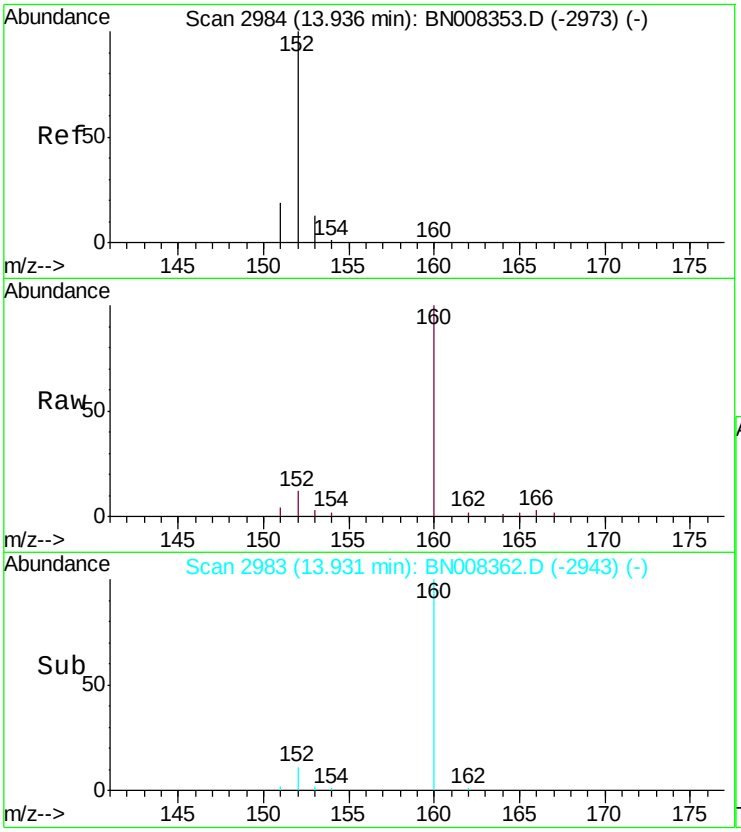

#7
Acenaphthylene
Concen: 0.031 ng/ul
RT: 13.93 min Scan# 2983
Delta R.T. -0.01 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:152 Resp: 782

Ion	Ratio	Lower	Upper
152	100		
151	29.3	16.2	24.4#
153	24.1	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
BEPA4DL

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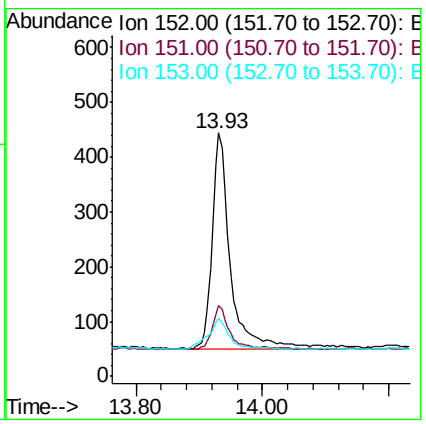
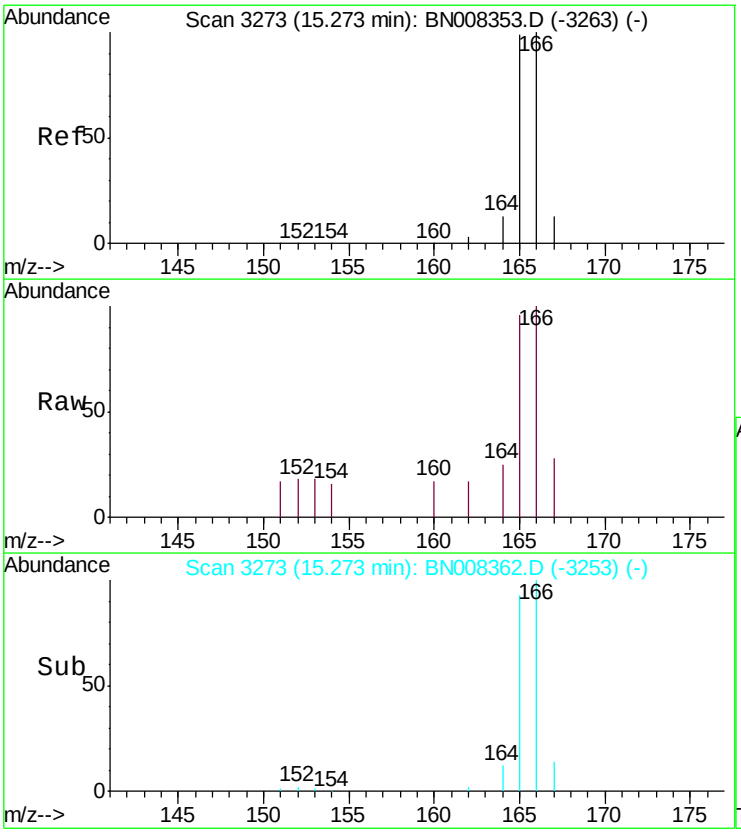
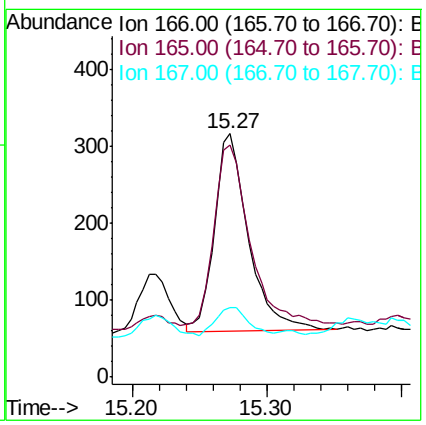


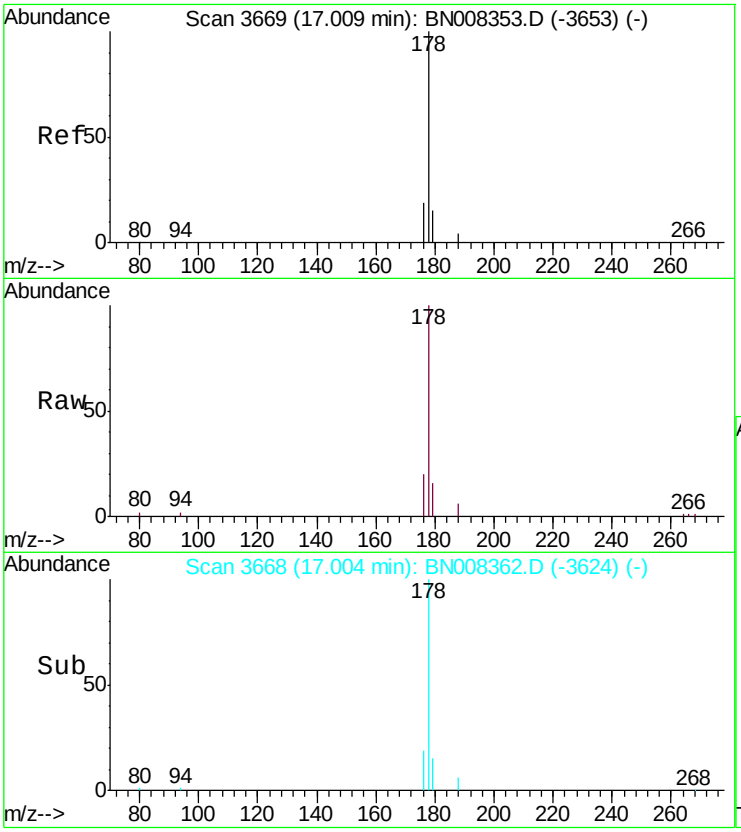


#9
Fluorene
Concen: 0.021 ng/ul
RT: 15.27 min Scan# 3273
Delta R.T. -0.01 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:166 Resp: 458

Ion	Ratio	Lower	Upper
166	100		
165	95.6	76.6	115.0
167	28.4	11.7	17.5#

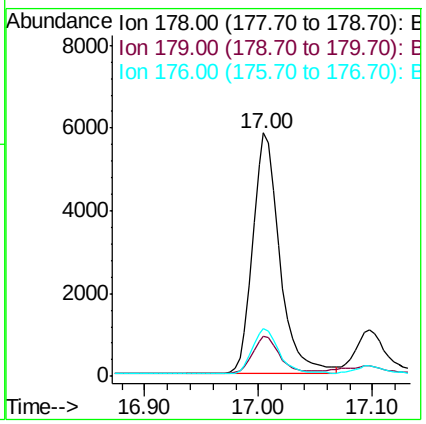




#12
Phenanthrene
Concen: 0.288 ng/ul
RT: 17.00 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:178 Resp: 9633

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.8	19.2
176	19.7	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
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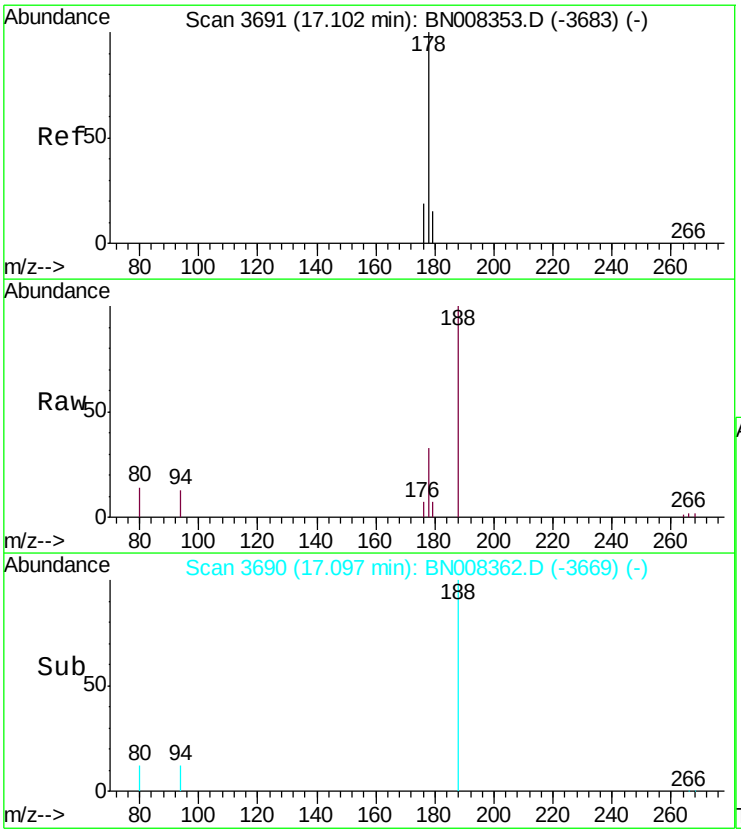
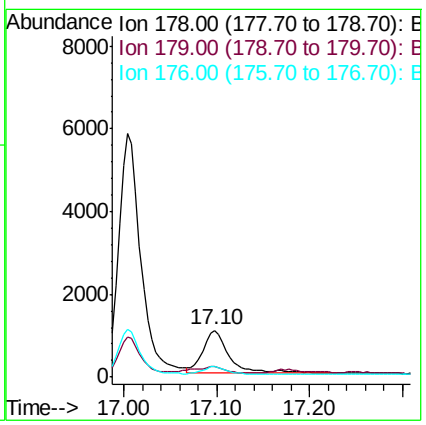
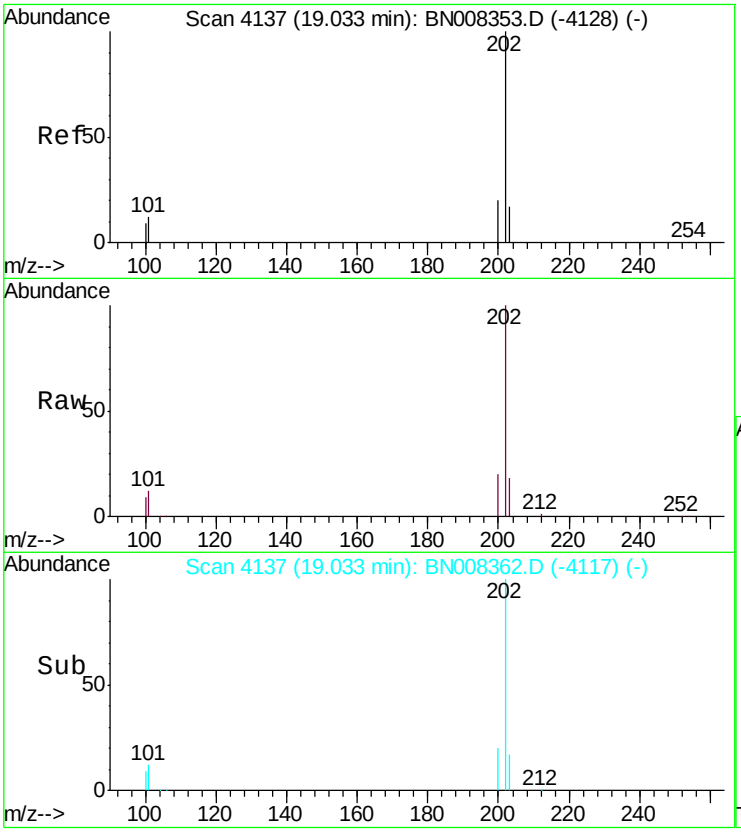


#13
Anthracene
Concen: 0.068 ng/ul
RT: 17.10 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:178 Resp: 2004

Ion	Ratio	Lower	Upper
178	100		
179	22.0	13.0	19.6#
176	22.2	15.0	22.6





#15
Fluoranthene
Concen: 0.612 ng/ul
RT: 19.03 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:202 Resp: 27008

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.2
100	9.0	0.0	28.5

Instrument :
BNA_N
ClientSampleId :
BEPA4DL

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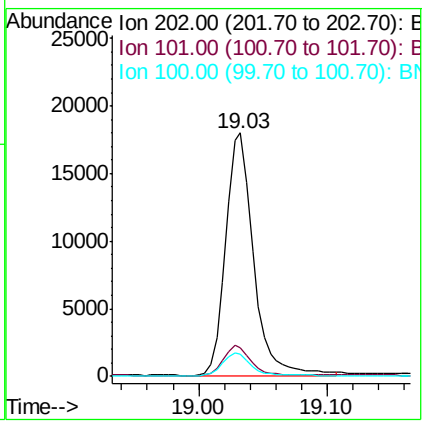
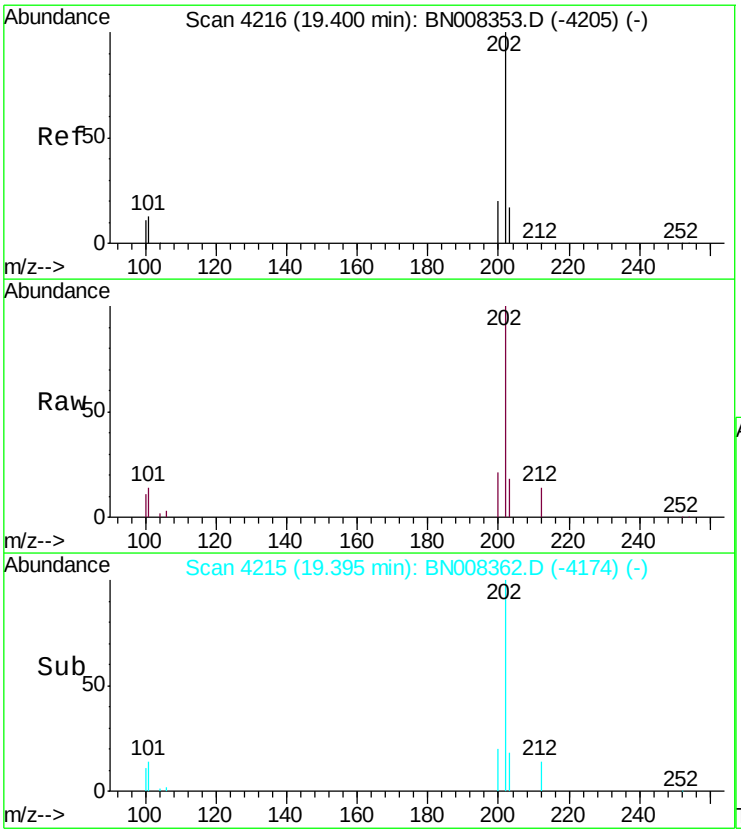
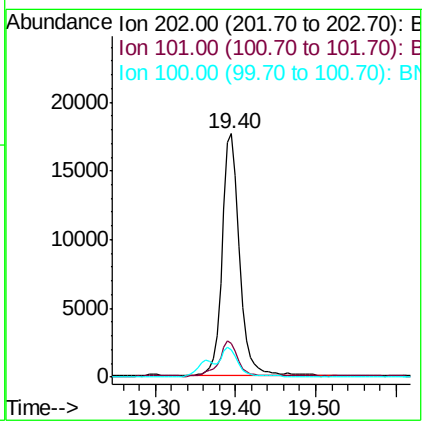


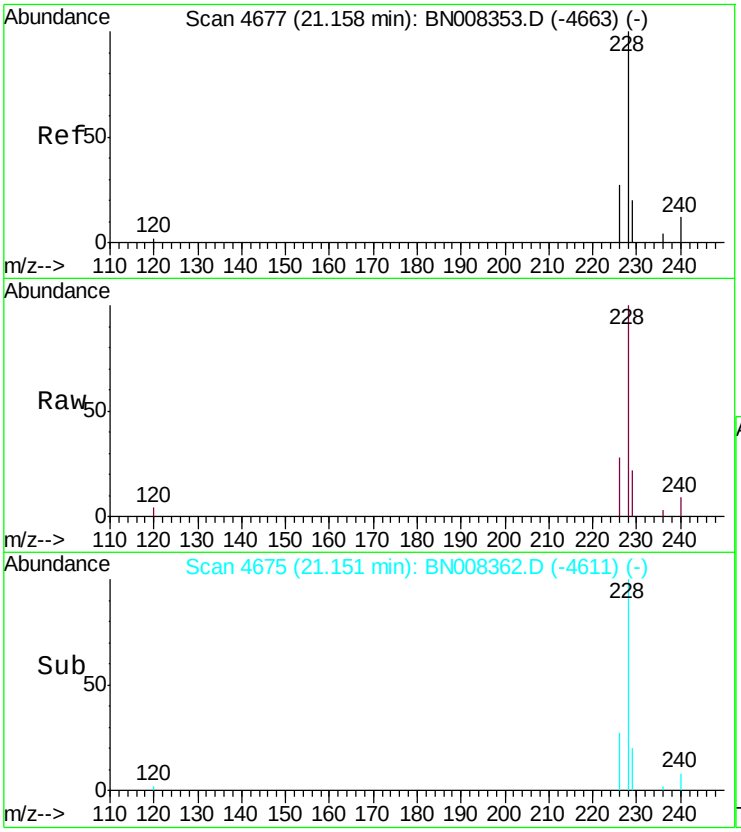


#17
Pyrene
Concen: 0.656 ng/ul
RT: 19.40 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:202 Resp: 26771

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.9	16.3
100	11.3	8.7	13.1

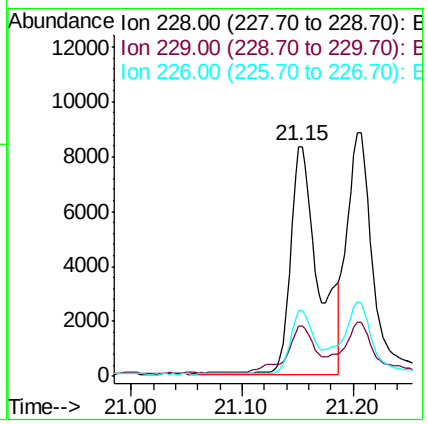




#18
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:228 Resp: 14175

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.2	24.2
226	28.3	21.4	32.0



Instrument :
BNA_N
ClientSampleId :
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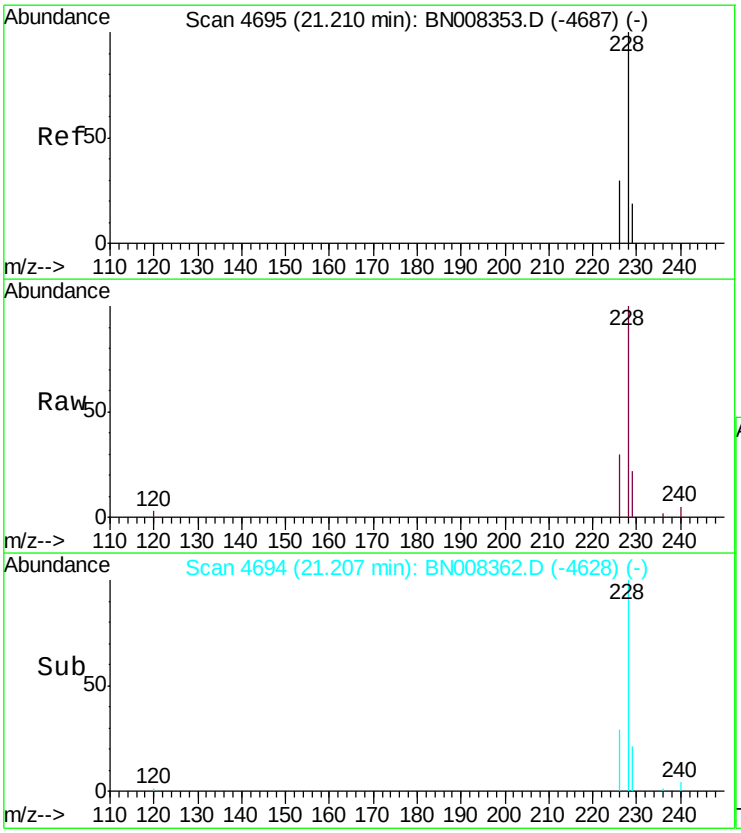
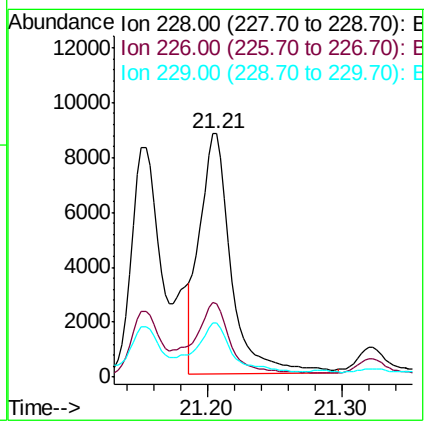
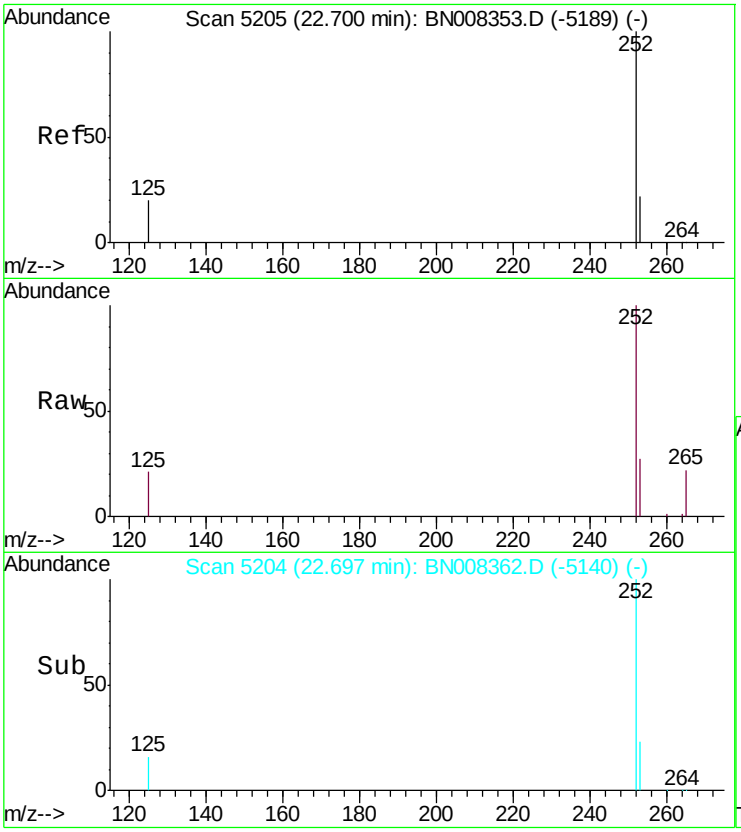


#19
Chrysene
Concen: 0.312 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. -0.01 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:228 Resp: 14262

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

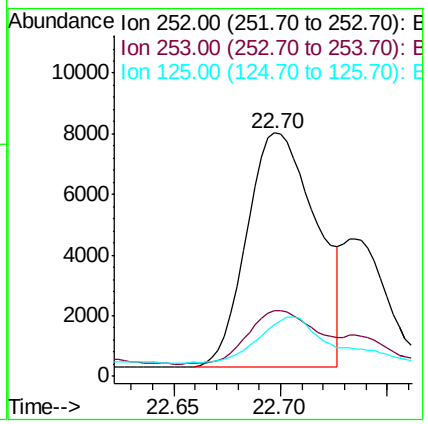




#21
Benzo(b)fluoranthene
Concen: 0.673 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. -0.01 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:252 Resp: 17539

Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	53.4
125	21.0	0.0	32.4



Instrument :
BNA_N
ClientSampleId :
BEPA4DL

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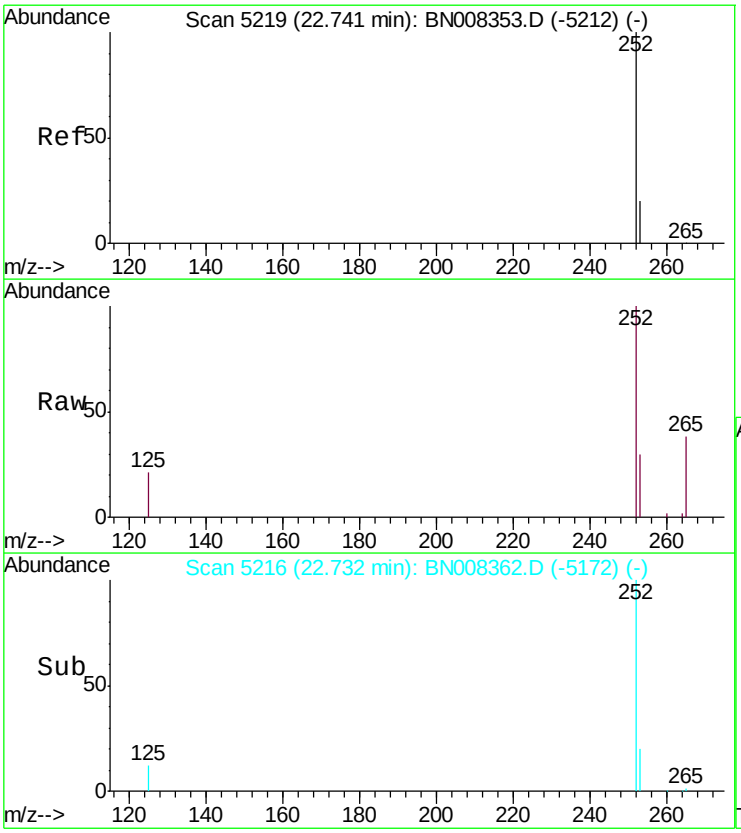
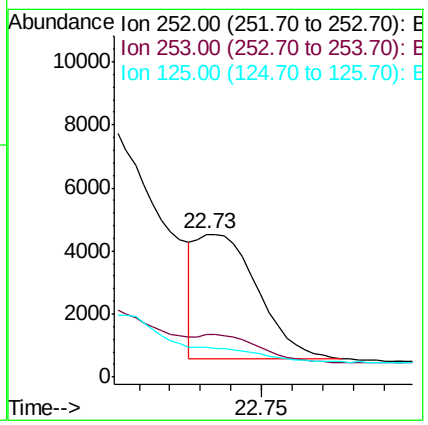
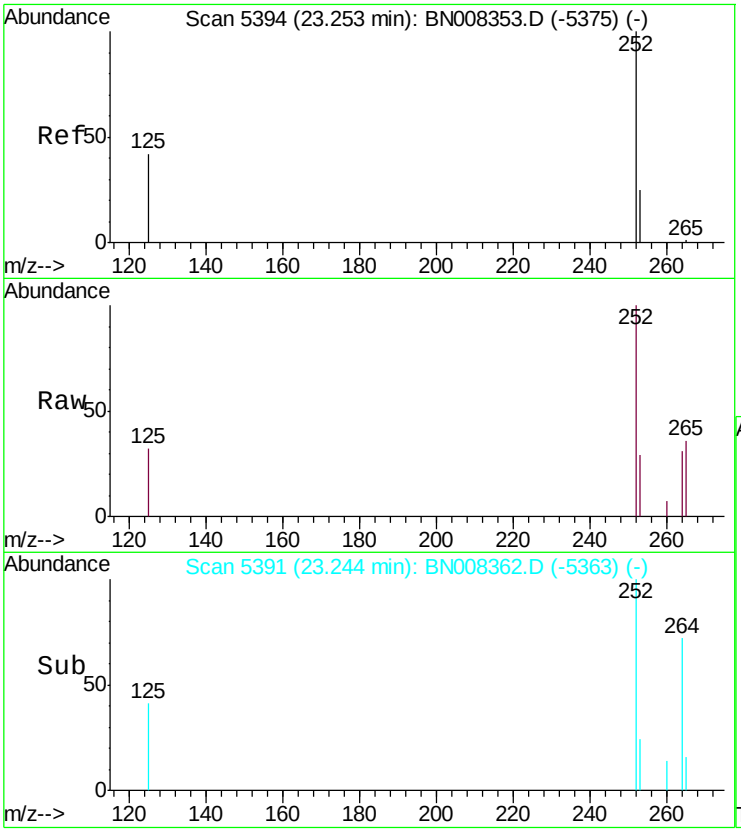


#22
Benzo(k)fluoranthene
Concen: 0.188 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.02 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:252 Resp: 5552

Ion	Ratio	Lower	Upper
252	100		
253	30.0	21.3	31.9
125	20.5	12.3	18.5#





#23
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. -0.02 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:252 Resp: 10814

Ion	Ratio	Lower	Upper
252	100		
253	28.5	22.8	34.2
125	31.5	18.4	27.6#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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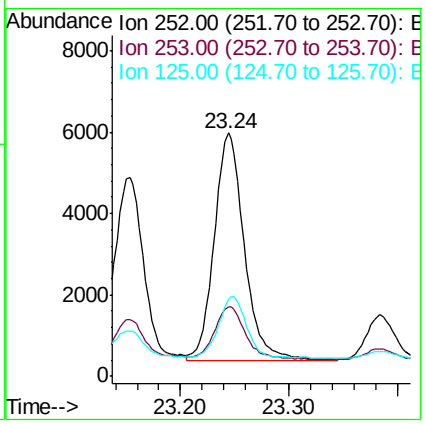
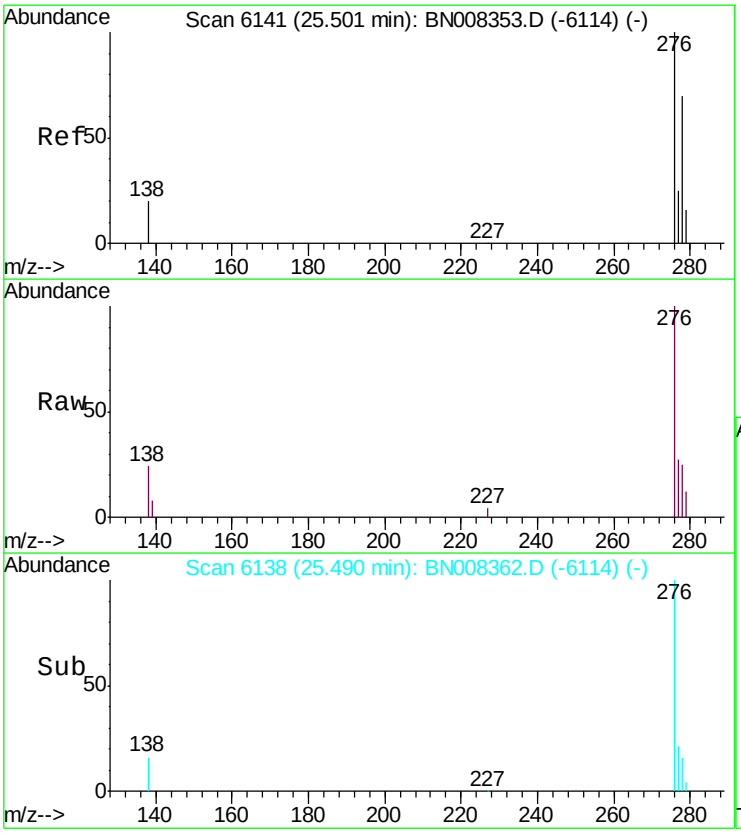
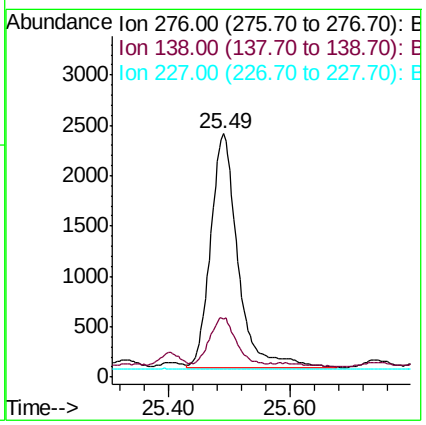


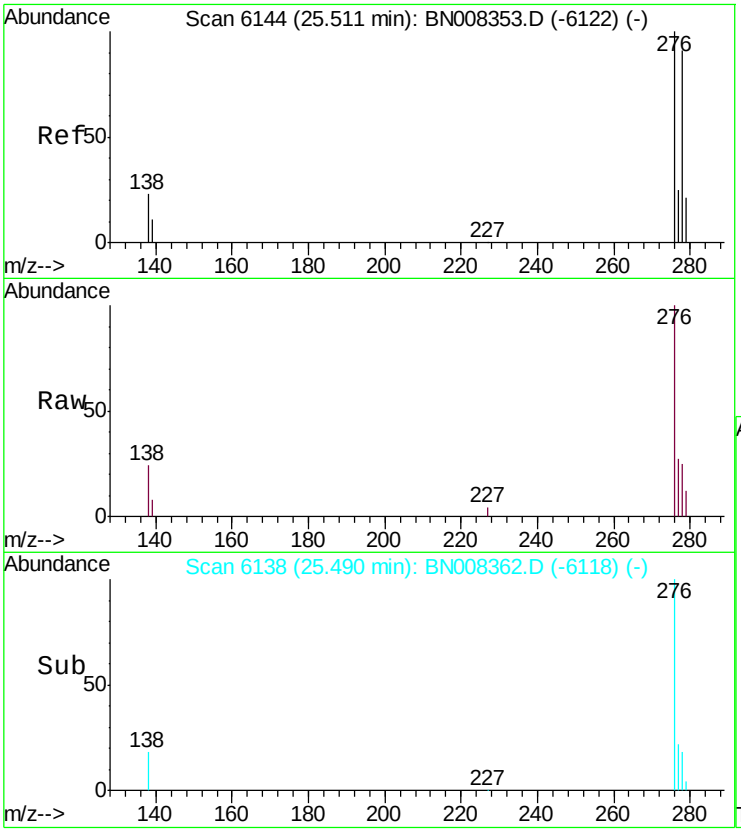


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.02 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:276 Resp: 7156

Ion	Ratio	Lower	Upper
276	100		
138	18.5	16.1	24.1
227	0.1	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.03 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:278 Resp: 1497

Ion	Ratio	Lower	Upper
278	100		
139	30.7	15.0	22.6#
279	48.7	22.4	33.6#

Instrument :
BNA_N
ClientSampleId :
BEPA4DL

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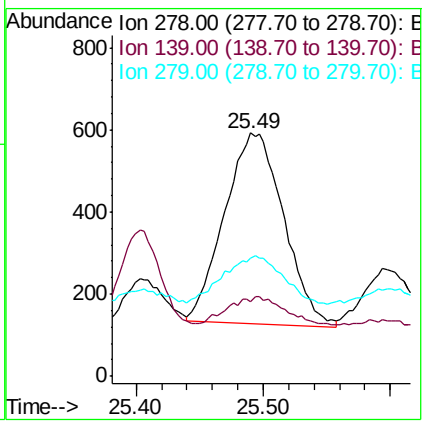

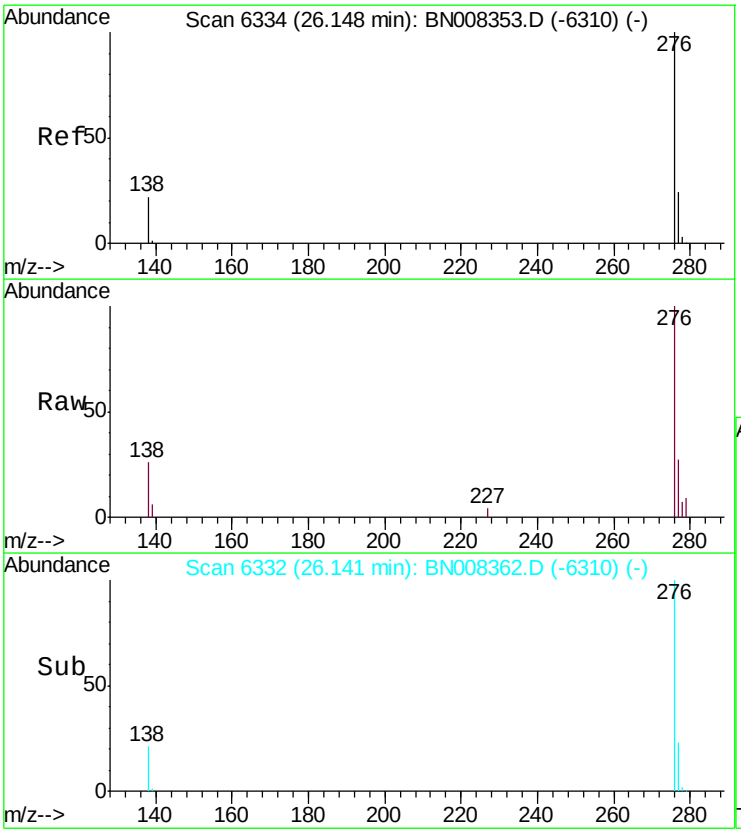

#26
Benzo(g,h,i)perylene
Concen: 0.199 ng/ul
RT: 26.14 min Scan# 6332
Delta R.T. -0.03 min
Lab File: BN008362.D
Acq: 23 Oct 2019 22:43

Tgt Ion:276 Resp: 5883

Ion	Ratio	Lower	Upper
276	100		
138	26.0	17.0	25.4#
277	27.0	20.4	30.6