Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051719\
Data File : BN005736.D
Acq On : 17 May 2019 18:59
Operator : JU/SJ
Sample : K2690-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5168

Quant Time: May 18 00:50:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 17 04:47:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1437	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	5719	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	3606	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	529165	0.40	ng/ul	0.11
16) Chrysene-d12	21.36	240	69	0.40	ng/ul	0.14
20) Perylene-d12	23.46	264	6672	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3013	0.34	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
9) Fluorene	15.29	166	332	0.022	ng/ul#	84
17) Pyrene	19.44	202	1385	5.435	ng/ul#	87
18) Benzo(a)anthracene	21.36	228	49	0.206	ng/ul#	1
19) Chrysene	21.40	228	42	0.144	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	1101	0.055	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	958	0.038	ng/ul#	1
23) Benzo(a)pyrene	23.36	252	639	0.029	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.68	276	935	0.037	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.69	278	700	0.034	ng/ul#	1
26) Benzo(g,h,i)perylene	26.37	276	958	0.045	ng/ul#	1

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

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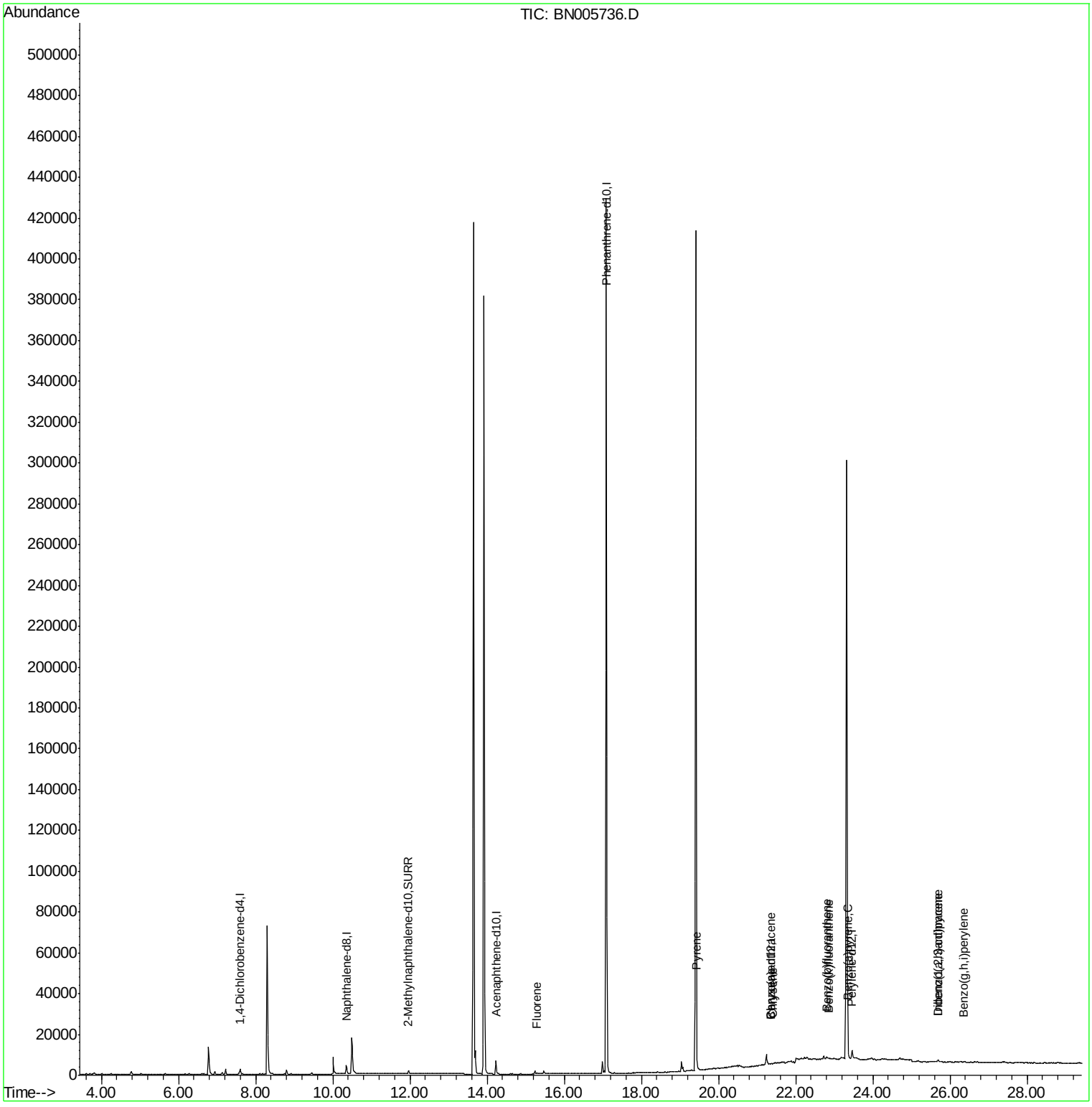
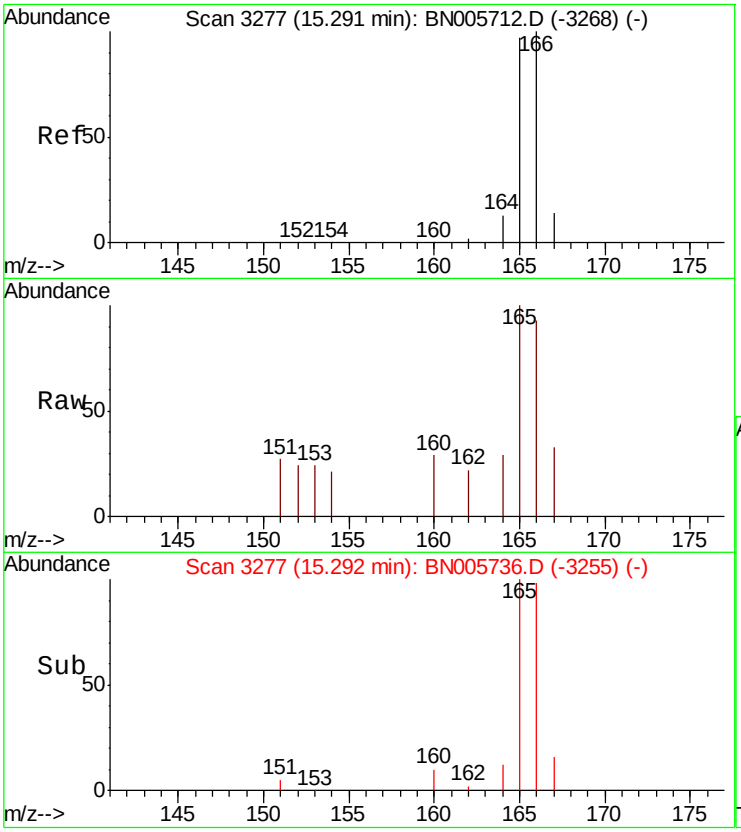


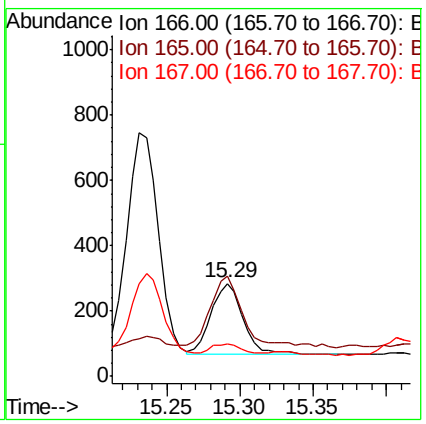


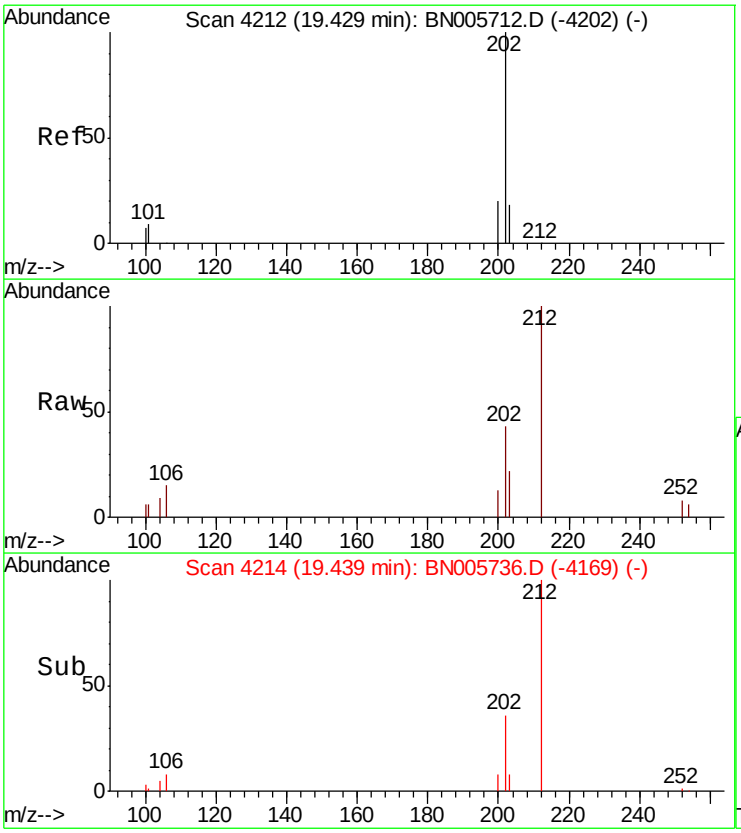
#9
Fluorene
Concen: 0.022 ng/ul
RT: 15.29 min Scan# 3277
Delta R.T. 0.00 min
Lab File: BN005736.D
Acq: 17 May 2019 18:59

Instrument :
BNA_N
ClientSampleId :
A5168

Tgt Ion:166 Resp: 332

Ion	Ratio	Lower	Upper
166	100		
165	108.1	78.0	117.0
167	35.6	12.2	18.4#

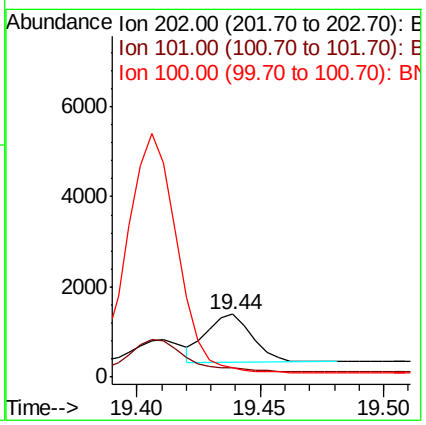


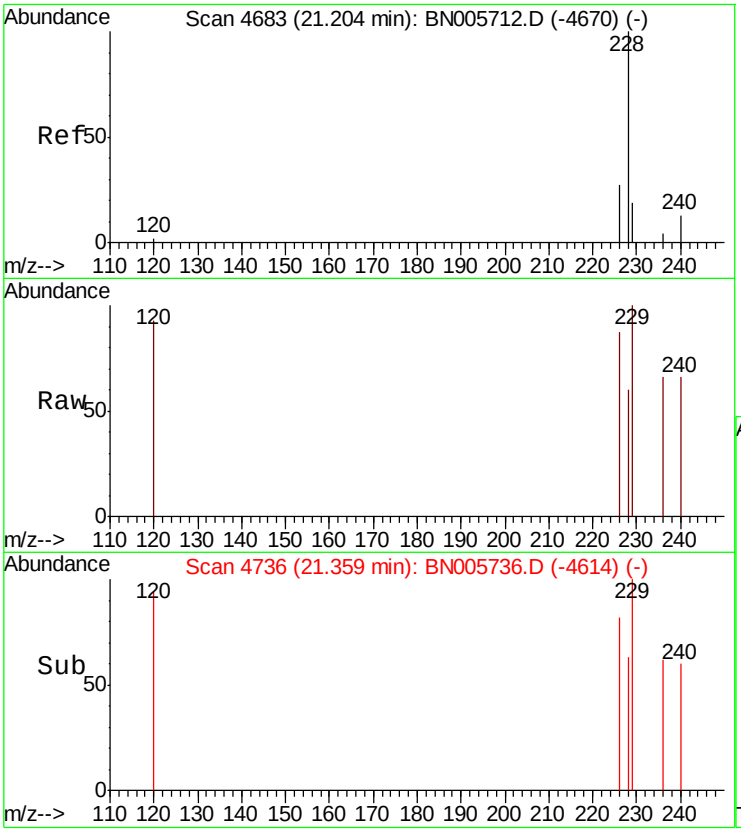


#17
Pyrene
Concen: 5.435 ng/ul
RT: 19.44 min Scan# 4214
Delta R.T. 0.01 min
Lab File: BN005736.D
Acq: 17 May 2019 18:59

Tgt Ion:202 Resp: 1385

Ion	Ratio	Lower	Upper
202	100		
101	14.8	8.5	12.7#
100	14.3	6.9	10.3#



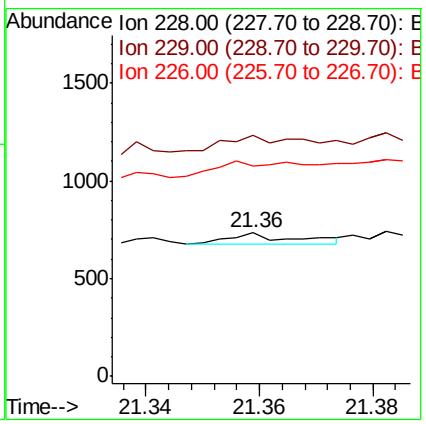


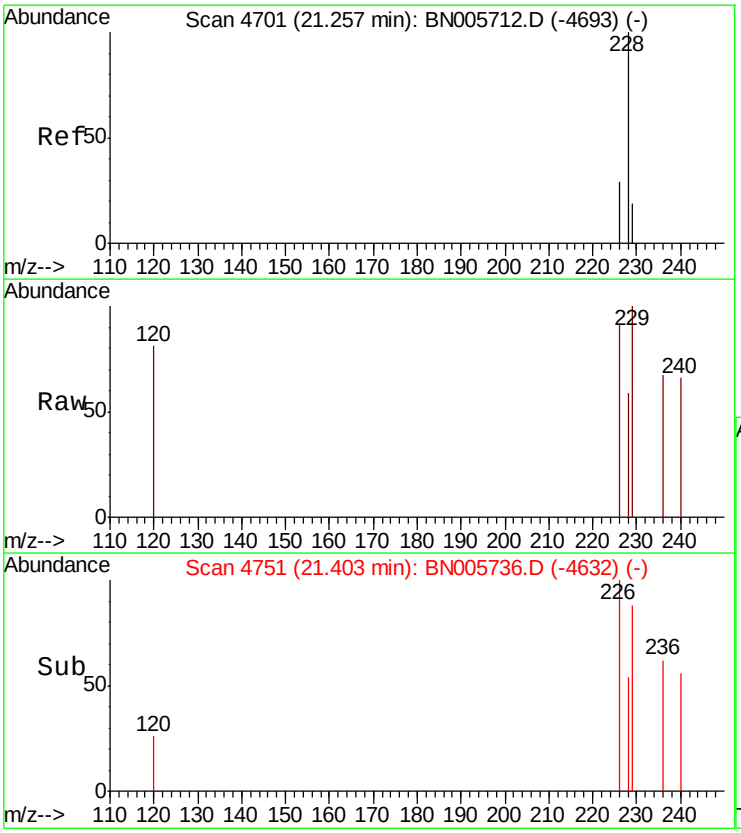
#18
Benzo(a)anthracene
Concen: 0.206 ng/ul
RT: 21.36 min Scan# 4736
Delta R.T. 0.15 min
Lab File: BN005736.D
Acq: 17 May 2019 18:59

Instrument :
BNA_N
ClientSampleId :
A5168

Tgt Ion:228 Resp: 49

Ion	Ratio	Lower	Upper
228	100		
229	167.9	15.8	23.8#
226	146.8	21.7	32.5#

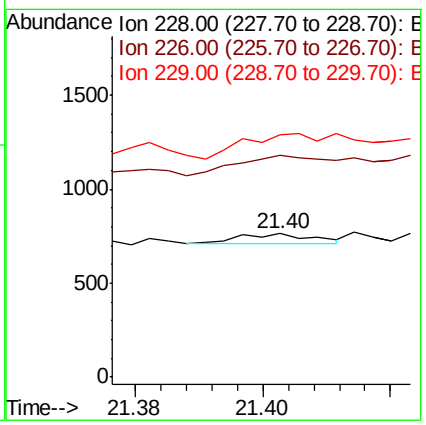


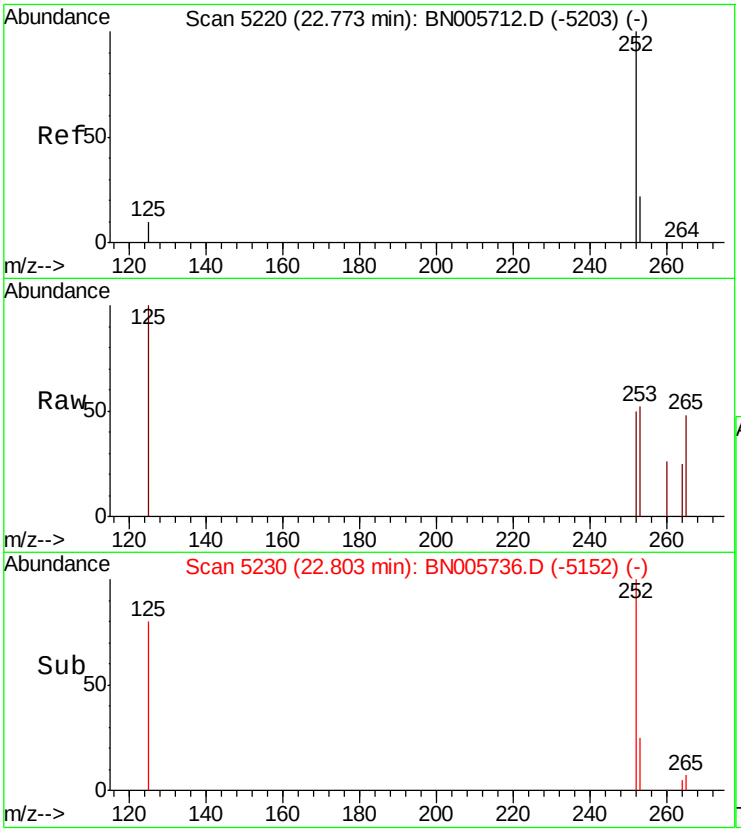


#19
Chrysene
Concen: 0.144 ng/ul
RT: 21.40 min Scan# 4751
Delta R.T. 0.15 min
Lab File: BN005736.D
Acq: 17 May 2019 18:59

Tgt Ion:228 Resp: 42

Ion	Ratio	Lower	Upper
228	100		
226	154.4	23.2	34.8#
229	169.5	16.0	24.0#



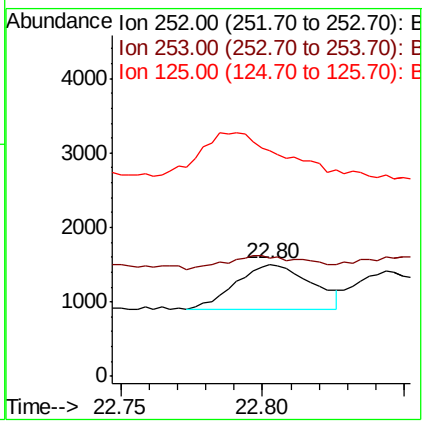


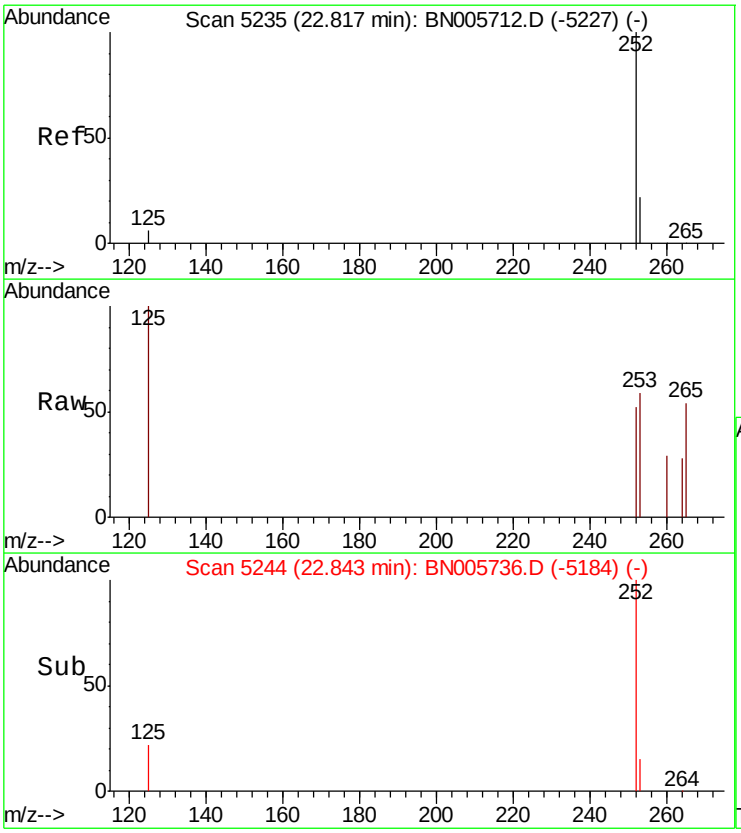
#21
Benzo(b)fluoranthene
Concen: 0.055 ng/ul
RT: 22.80 min Scan# 5230
Delta R.T. 0.03 min
Lab File: BN005736.D
Acq: 17 May 2019 18:59

Instrument :
BNA_N
ClientSampleId :
A5168

Tgt Ion:252 Resp: 1101

Ion	Ratio	Lower	Upper
252	100		
253	104.9	0.0	47.6#
125	200.6	0.0	20.8#

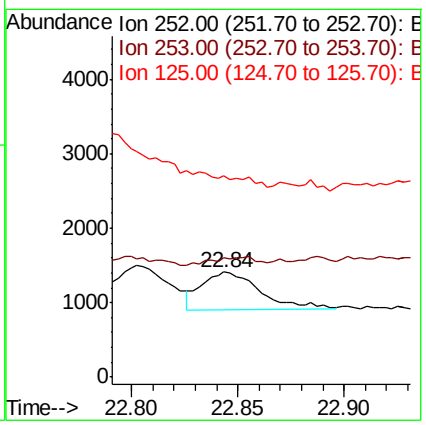


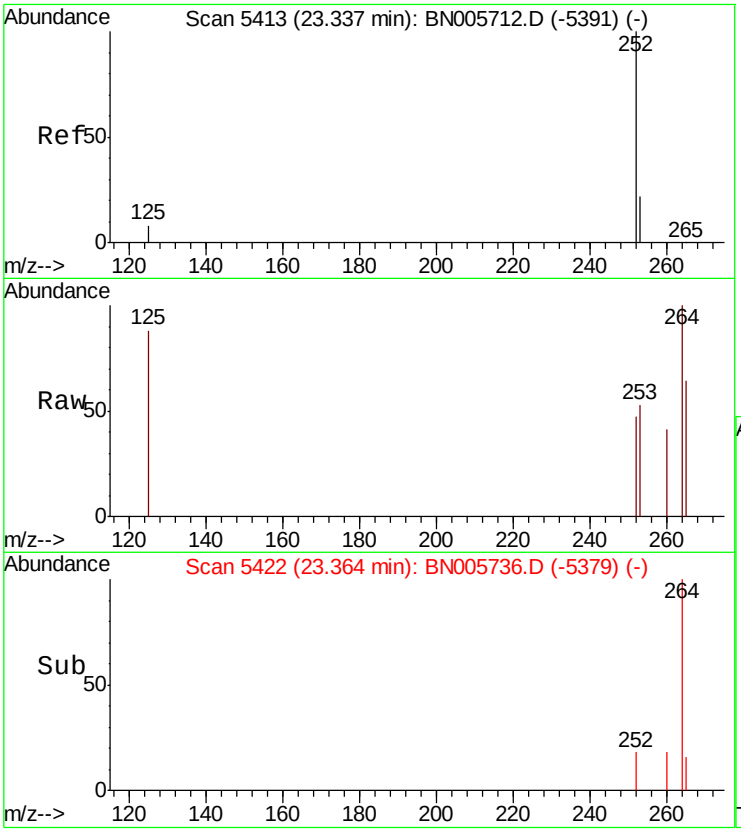


#22
Benzo(k)fluoranthene
Concen: 0.038 ng/ul
RT: 22.84 min Scan# 5244
Delta R.T. 0.03 min
Lab File: BN005736.D
Acq: 17 May 2019 18:59

Tgt Ion:252 Resp: 958

Ion	Ratio	Lower	Upper
252	100		
253	114.0	18.8	28.2#
125	191.6	7.6	11.4#



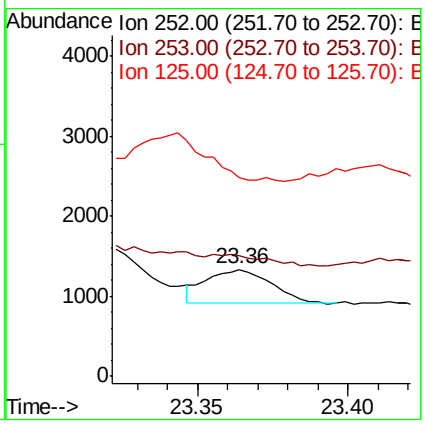


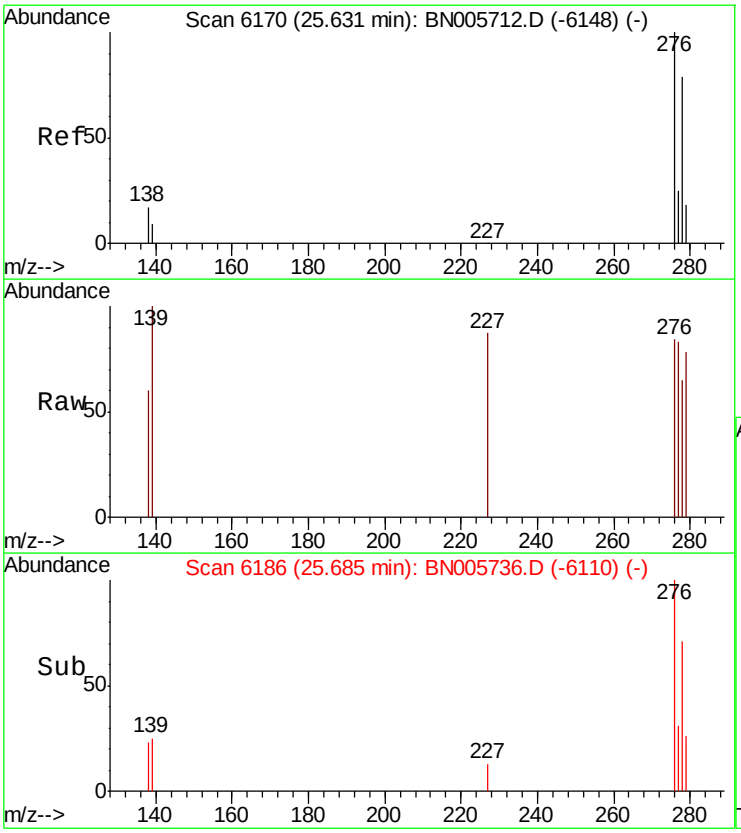
#23
Benzo(a)pyrene
Concen: 0.029 ng/ul
RT: 23.36 min Scan# 5422
Delta R.T. 0.03 min
Lab File: BN005736.D
Acq: 17 May 2019 18:59

Instrument :
BNA_N
ClientSampleId :
A5168

Tgt Ion:252 Resp: 639

Ion	Ratio	Lower	Upper
252	100		
253	112.6	19.6	29.4#
125	185.9	10.1	15.1#

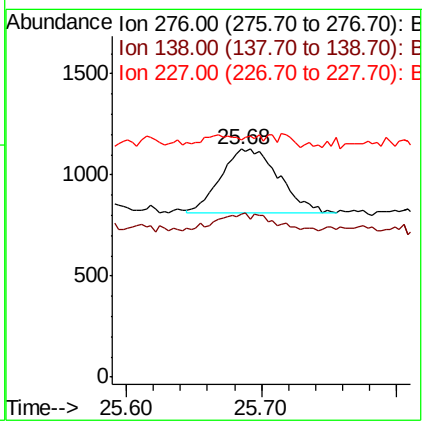


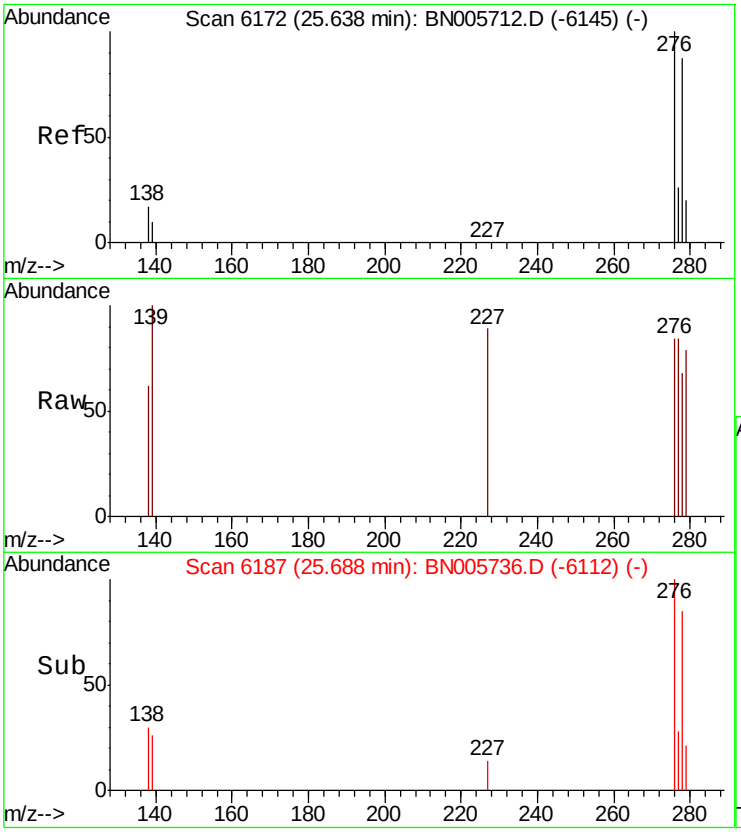


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/ul
RT: 25.68 min Scan# 6186
Delta R.T. 0.05 min
Lab File: BN005736.D
Acq: 17 May 2019 18:59

Tgt Ion:276 Resp: 935

Ion	Ratio	Lower	Upper
276	100		
138	24.3	15.8	23.8#
227	0.0	0.1	0.1#



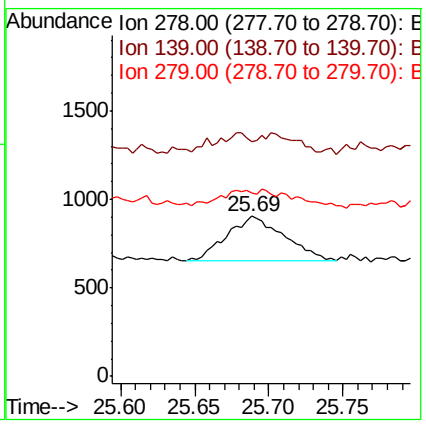


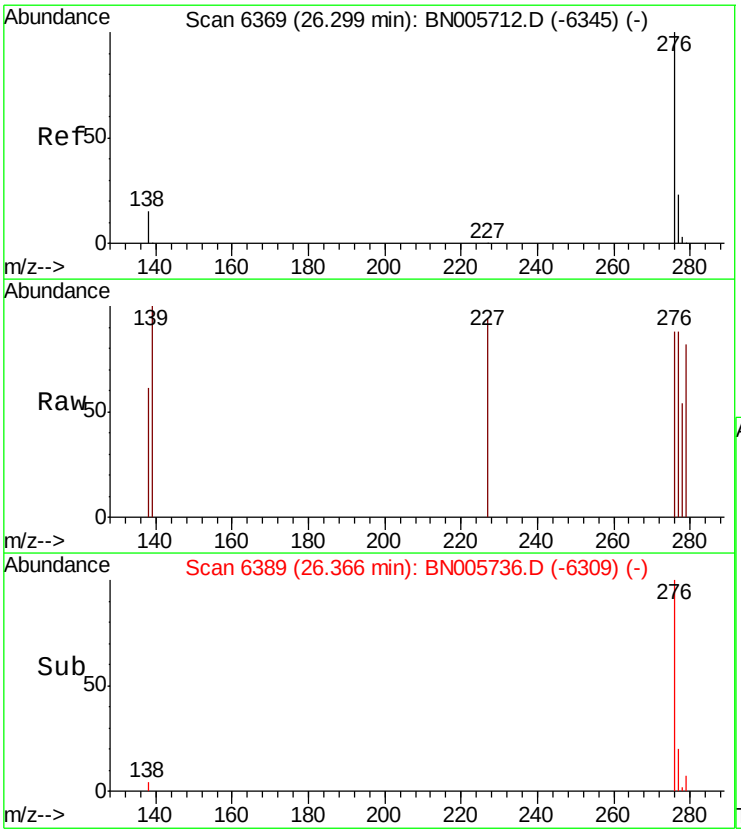
#25
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.69 min Scan# 6187
Delta R.T. 0.05 min
Lab File: BN005736.D
Acq: 17 May 2019 18:59

Instrument :
BNA_N
ClientSampleId :
A5168

Tgt Ion:278 Resp: 700

Ion	Ratio	Lower	Upper
278	100		
139	146.1	12.4	18.6#
279	114.8	21.0	31.4#





#26
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 26.37 min Scan# 6389
Delta R.T. 0.07 min
Lab File: BN005736.D
Acq: 17 May 2019 18:59

Tgt Ion:276 Resp: 958

Ion	Ratio	Lower	Upper
276	100		
138	70.0	15.6	23.4#
277	100.3	20.6	31.0#