Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005634.D
Acq On : 11 May 2019 19:33
Operator : JU/SJ
Sample : K2606-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5147

Quant Time: May 12 00:40:17 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 : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1820	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	7466	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.23	164	4485	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.08	188	394094	0.40	ng/ul	0.09
16) Chrysene-d12	21.32	240	138	0.40	ng/ul	0.10
20) Perylene-d12	23.57	264	295	0.40	ng/ul	0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2332	0.20	ng/ul	-0.02
14) Fluoranthene-d10	19.14	212	328	0.00	ng/ul	0.11
Target Compounds						Qvalue
3) Naphthalene	10.40	128	903	0.046	ng/ul#	81
5) 2-Methylnaphthalene	12.03	142	1069	0.079	ng/ul	97
7) Acenaphthylene	13.95	152	869	0.038	ng/ul#	70
17) Pyrene	19.52	202	497	0.975	ng/ul#	58
18) Benzo(a)anthracene	21.32	228	129	0.271	ng/ul#	1
19) Chrysene	21.37	228	165	0.282	ng/ul#	1
21) Benzo(b)fluoranthene	22.93	252	95	0.107	ng/ul#	1
22) Benzo(k)fluoranthene	22.95	252	52	0.047	ng/ul#	1
23) Benzo(a)pyrene	23.47	252	1608	1.622	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.77	276	68	0.061	ng/ul#	1
26) Benzo(g,h,i)perylene	26.46	276	224	0.237	ng/ul#	1

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

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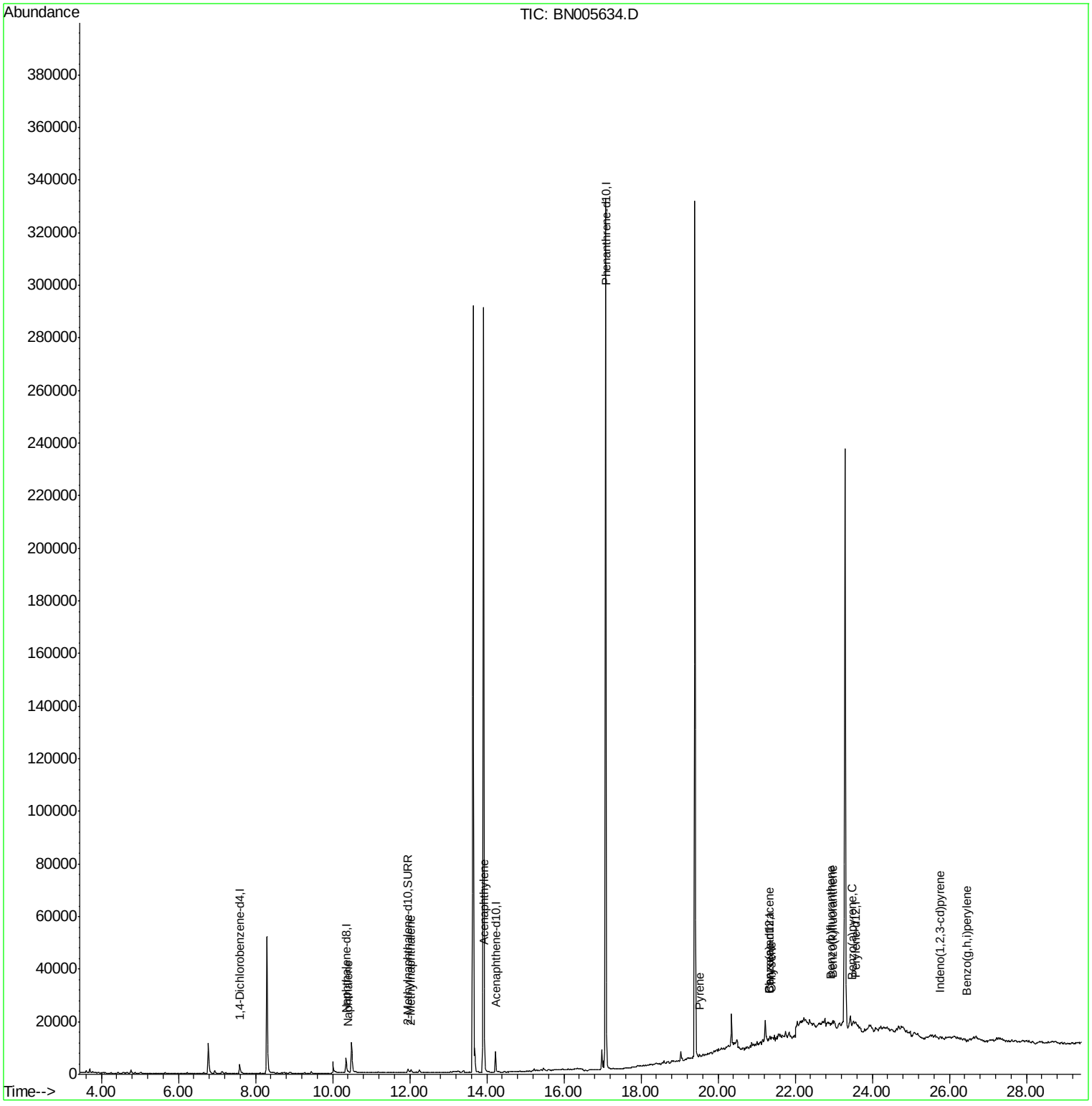
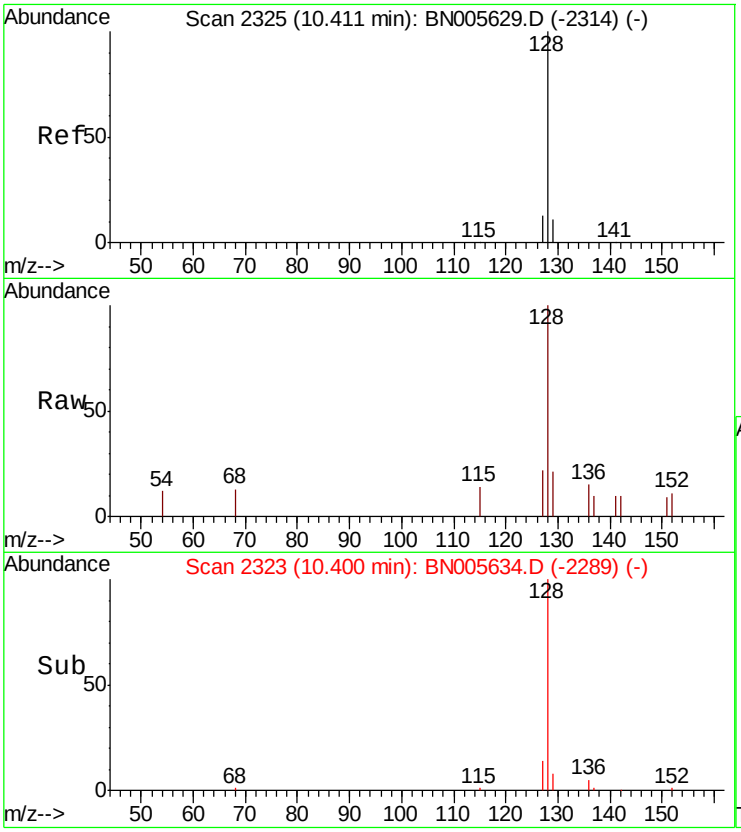


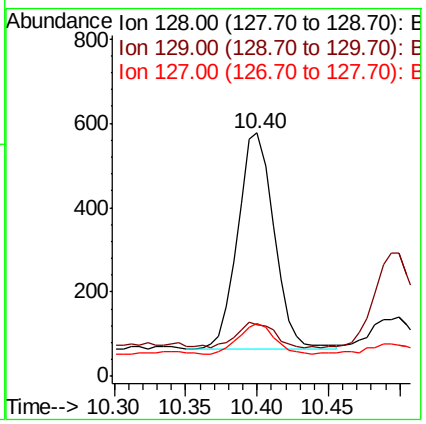


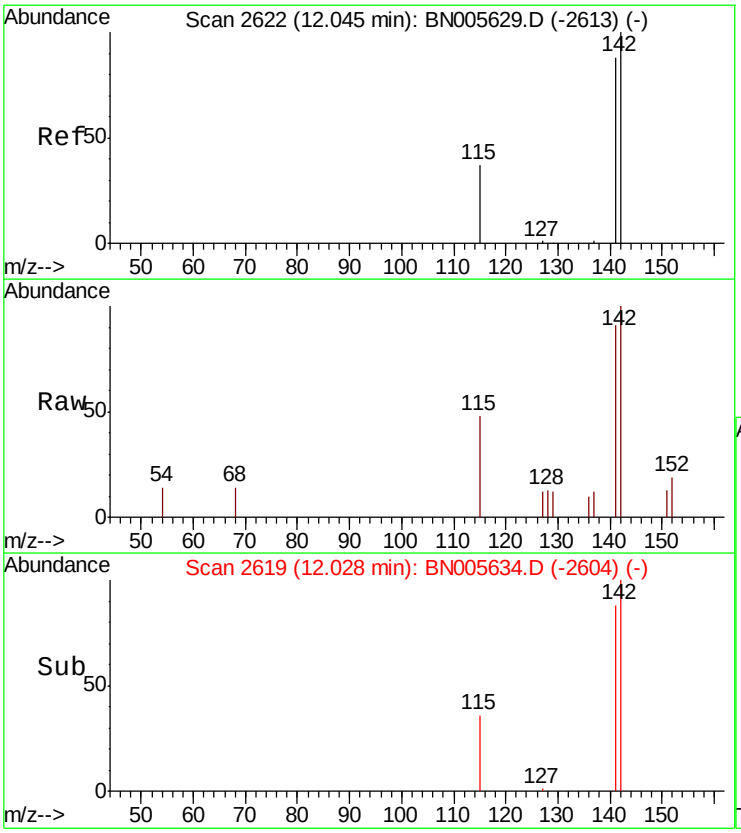
#3
Naphthalene
Concen: 0.046 ng/ul
RT: 10.40 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BN005634.D
Acq: 11 May 2019 19:33

Instrument :
BNA_N
ClientSampleId :
A5147

Tgt Ion:128 Resp: 903

Ion	Ratio	Lower	Upper
128	100		
129	21.5	10.2	15.2#
127	21.8	11.8	17.8#

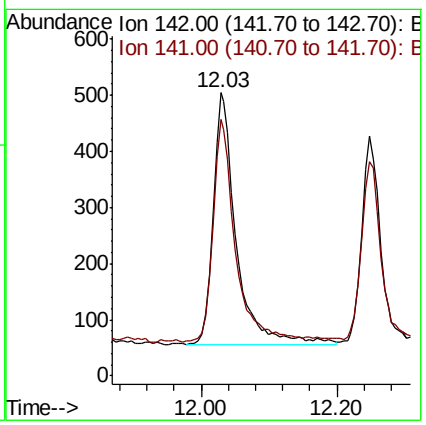


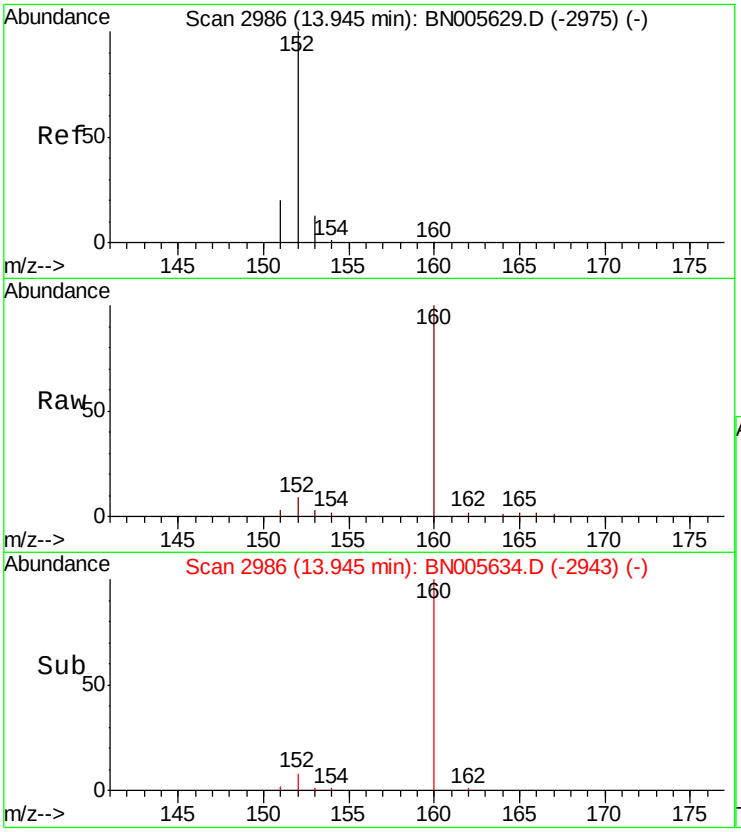


#5
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.03 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BN005634.D
Acq: 11 May 2019 19:33

Tgt Ion:142 Resp: 1069

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.2	108.2



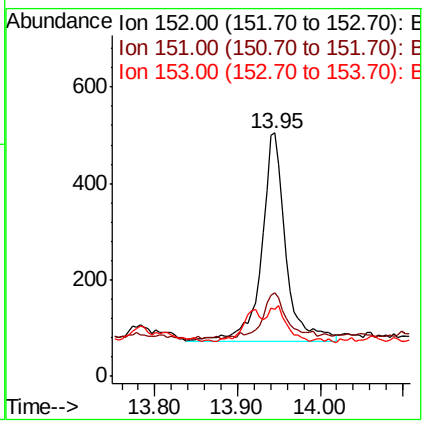


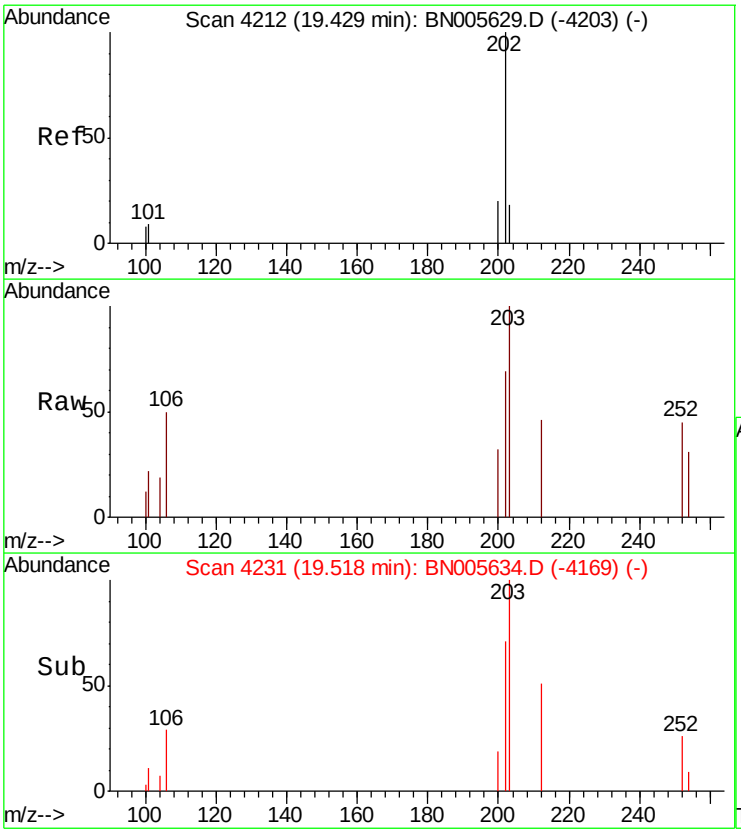
#7
Acenaphthylene
Concen: 0.038 ng/ul
RT: 13.95 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BN005634.D
Acq: 11 May 2019 19:33

Instrument :
BNA_N
ClientSampleId :
A5147

Tgt Ion:152 Resp: 869

Ion	Ratio	Lower	Upper
152	100		
151	34.5	16.7	25.1#
153	27.3	11.6	17.4#

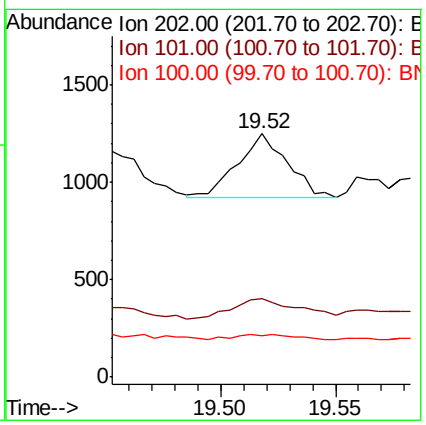


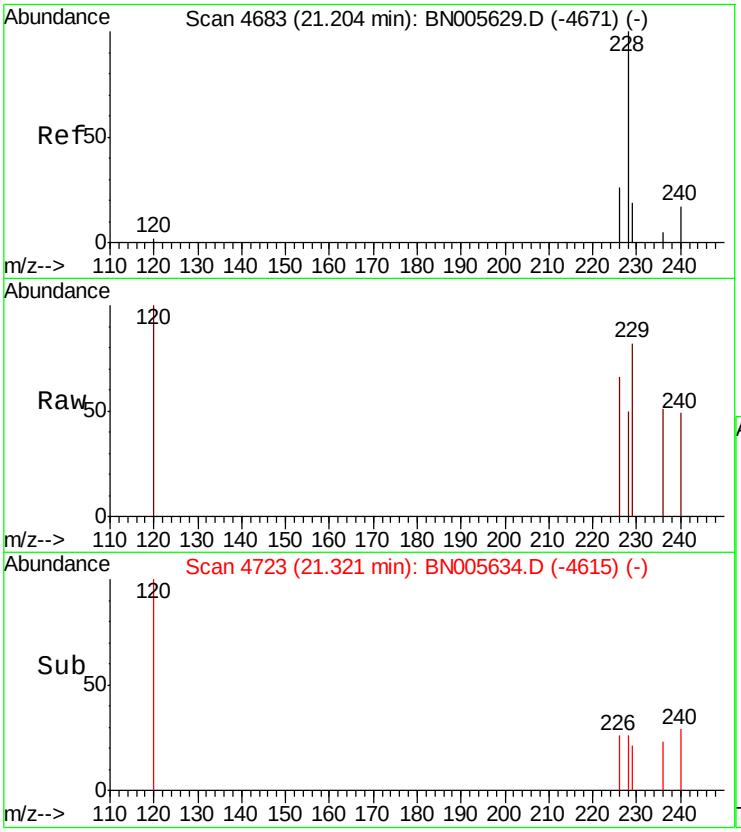


#17
Pyrene
Concen: 0.975 ng/ul
RT: 19.52 min Scan# 4231
Delta R.T. 0.09 min
Lab File: BN005634.D
Acq: 11 May 2019 19:33

Tgt Ion:202 Resp: 497

Ion	Ratio	Lower	Upper
202	100		
101	32.1	8.5	12.7#
100	17.0	6.9	10.3#



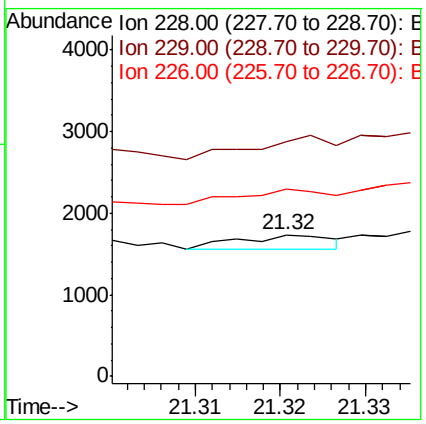


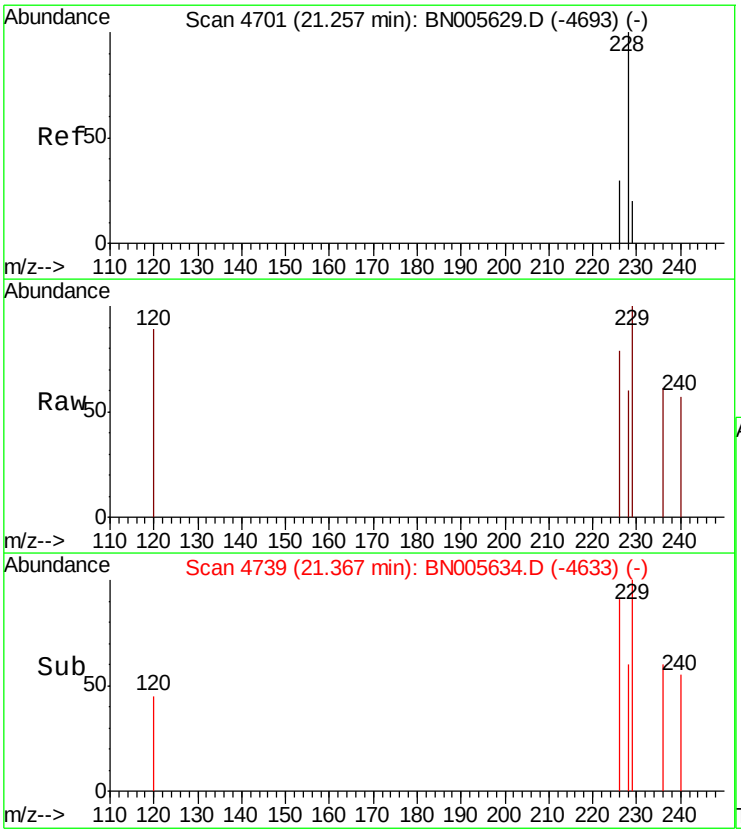
#18
Benzo(a)anthracene
Concen: 0.271 ng/ul
RT: 21.32 min Scan# 4723
Delta R.T. 0.12 min
Lab File: BN005634.D
Acq: 11 May 2019 19:33

Instrument :
BNA_N
ClientSampleId :
A5147

Tgt Ion:228 Resp: 129

Ion	Ratio	Lower	Upper
228	100		
229	165.9	15.8	23.8#
226	132.3	21.7	32.5#

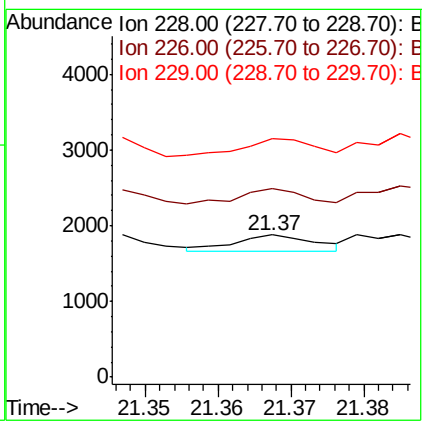


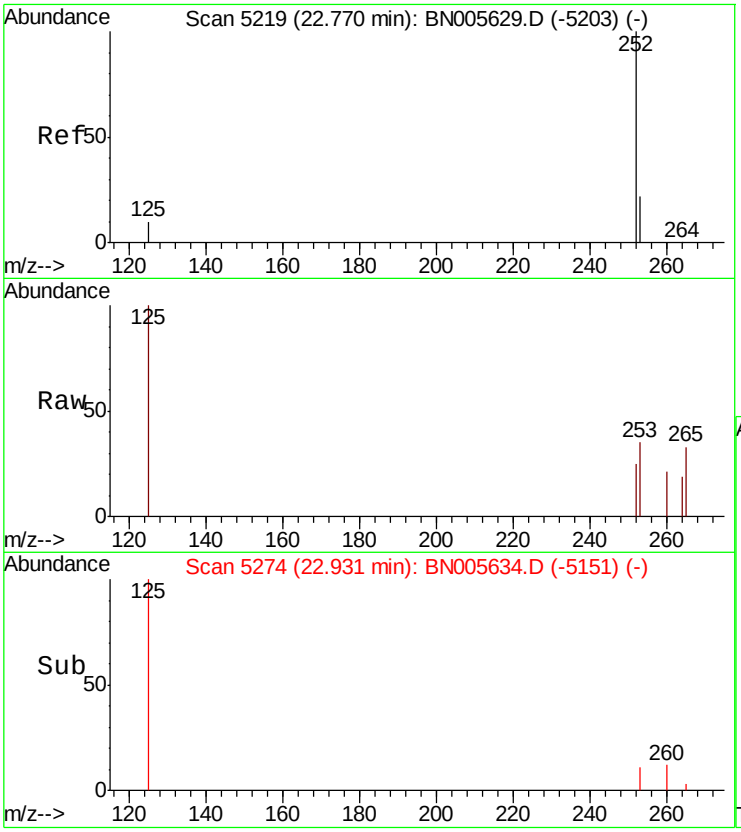


#19
Chrysene
Concen: 0.282 ng/ul
RT: 21.37 min Scan# 4739
Delta R.T. 0.11 min
Lab File: BN005634.D
Acq: 11 May 2019 19:33

Tgt Ion:228 Resp: 165

Ion	Ratio	Lower	Upper
228	100		
226	132.7	23.2	34.8#
229	167.6	16.0	24.0#



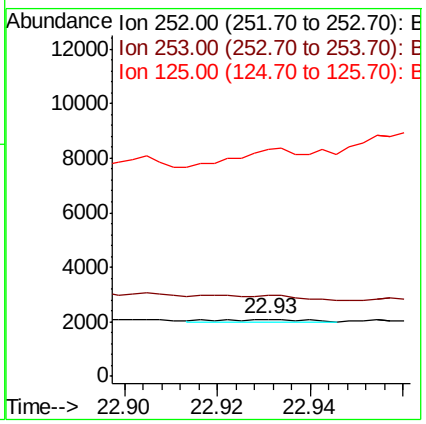


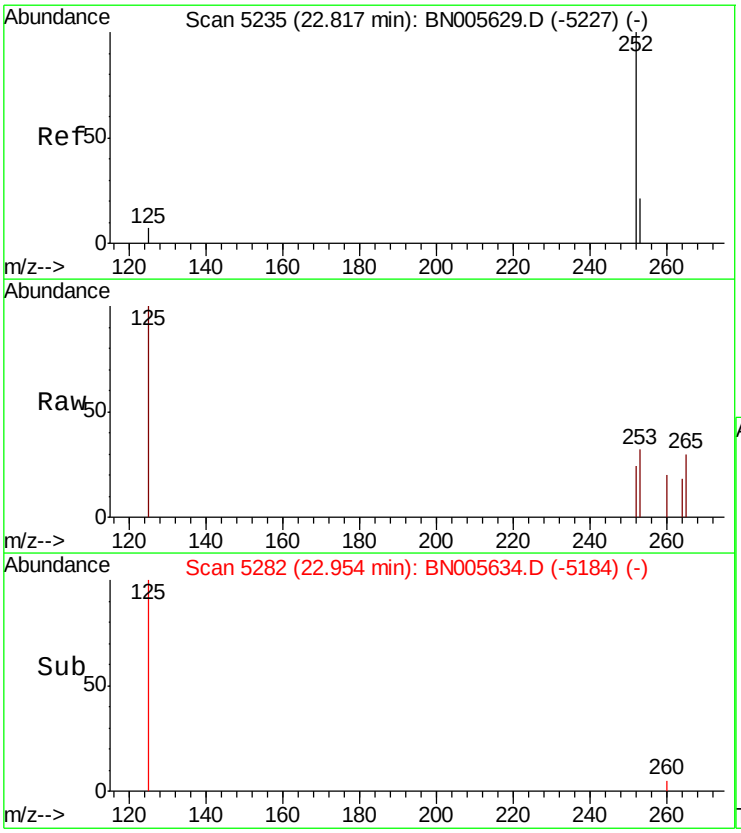
#21
Benzo(b)fluoranthene
Concen: 0.107 ng/ul
RT: 22.93 min Scan# 5274
Delta R.T. 0.16 min
Lab File: BN005634.D
Acq: 11 May 2019 19:33

Instrument :
BNA_N
ClientSampleId :
A5147

Tgt Ion:252 Resp: 95

Ion	Ratio	Lower	Upper
252	100		
253	141.2	0.0	47.6#
125	398.3	0.0	20.8#

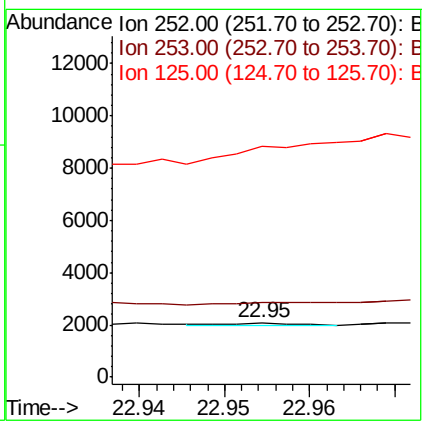


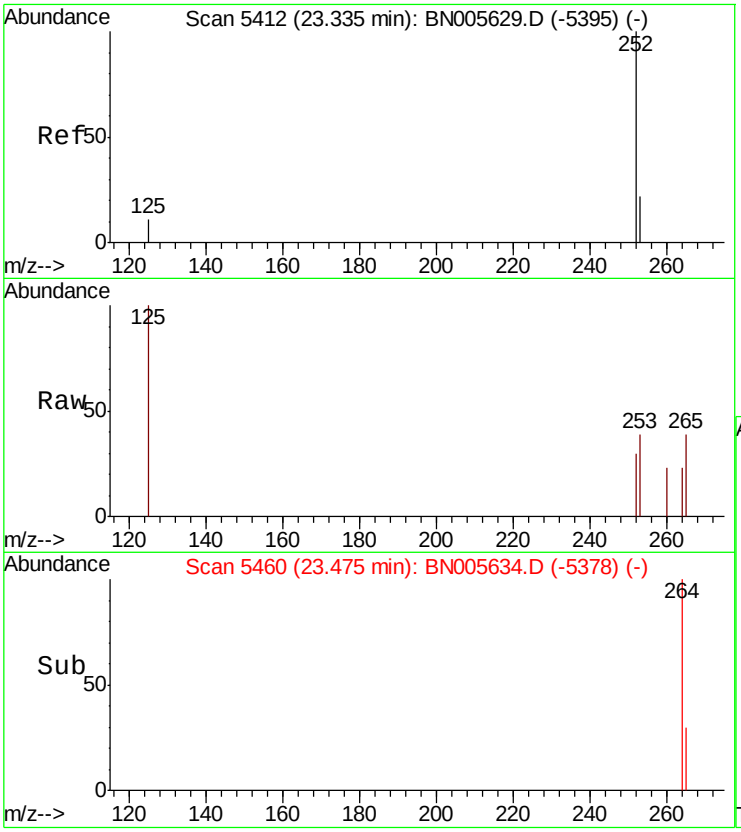


#22
Benzo(k)fluoranthene
Concen: 0.047 ng/ul
RT: 22.95 min Scan# 5282
Delta R.T. 0.14 min
Lab File: BN005634.D
Acq: 11 May 2019 19:33

Tgt Ion:252 Resp: 52

Ion	Ratio	Lower	Upper
252	100		
253	136.1	18.8	28.2#
125	423.5	7.6	11.4#



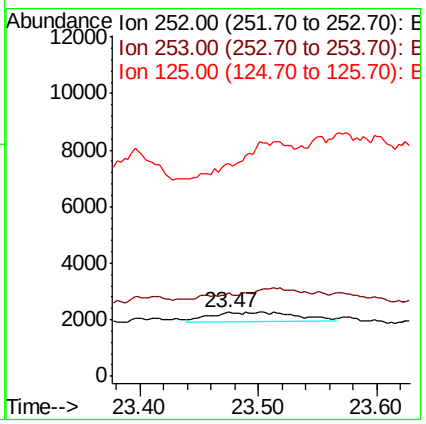


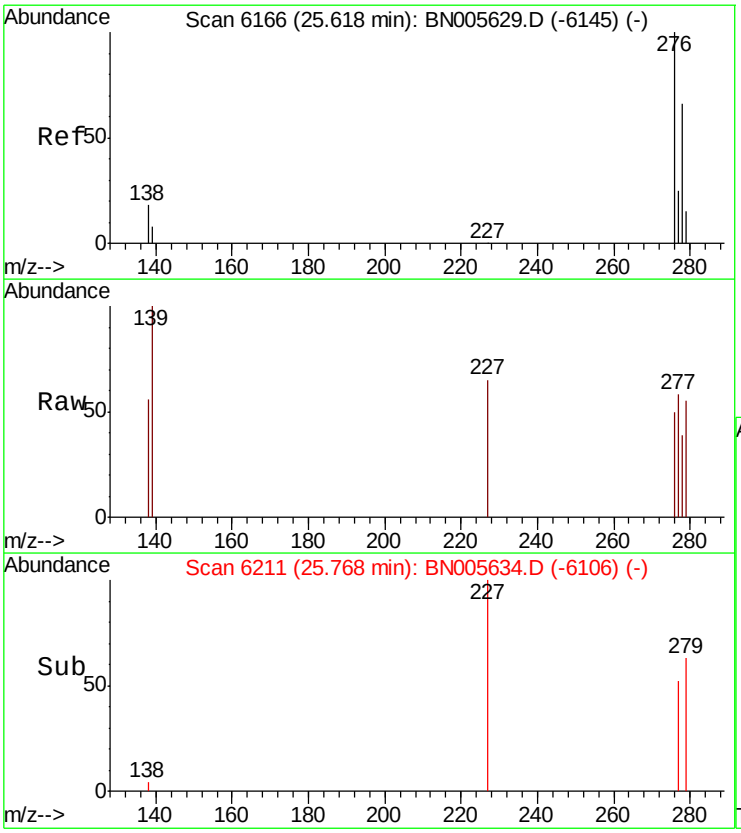
#23
Benzo(a)pyrene
Concen: 1.622 ng/ul
RT: 23.47 min Scan# 5460
Delta R.T. 0.14 min
Lab File: BN005634.D
Acq: 11 May 2019 19:33

Instrument :
BNA_N
ClientSampleId :
A5147

Tgt Ion:252 Resp: 1608

Ion	Ratio	Lower	Upper
252	100		
253	129.4	19.6	29.4#
125	330.3	10.1	15.1#

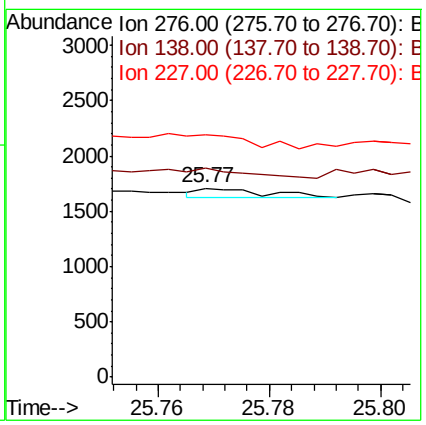


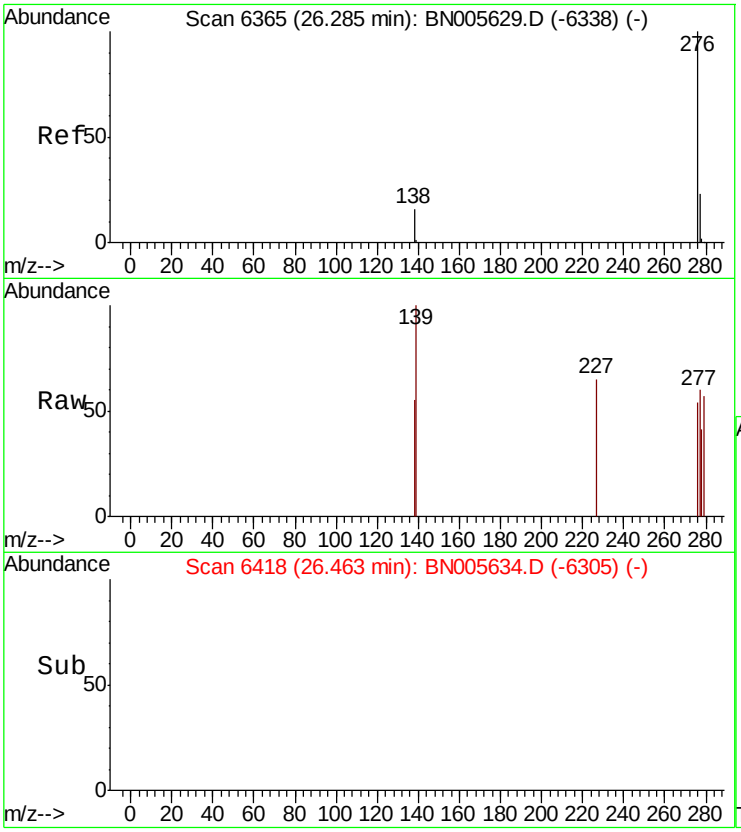


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng/ul
RT: 25.77 min Scan# 6211
Delta R.T. 0.15 min
Lab File: BN005634.D
Acq: 11 May 2019 19:33

Tgt Ion:276 Resp: 68

Ion	Ratio	Lower	Upper
276	100		
138	636.8	15.8	23.8#
227	860.3	0.1	0.1#





#26
Benzo(g,h,i)perylene
Concen: 0.237 ng/ul
RT: 26.46 min Scan# 6418
Delta R.T. 0.18 min
Lab File: BN005634.D
Acq: 11 May 2019 19:33

Instrument :
BNA_N
ClientSampleId :
A5147

Tgt Ion:276 Resp: 224

Ion	Ratio	Lower	Upper
276	100		
138	102.3	15.6	23.4#
277	110.5	20.6	31.0#