Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009235.D
Acq On : 28 Dec 2019 19:17
Operator : JU
Sample : K6278-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 29 04:43:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2227	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8298	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4645	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9702	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7780	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7829	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1746	0.12	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	4192	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.31	128	1747	0.069	ng/ul#	90
5) 2-Methylnaphthalene	11.93	142	1344	0.071	ng/ul	99
7) Acenaphthylene	13.86	152	2875	0.118	ng/ul#	94
9) Fluorene	15.19	166	584	0.026	ng/ul#	90
12) Phenanthrene	16.93	178	14516	0.430	ng/ul	99
13) Anthracene	17.02	178	3312	0.109	ng/ul	96
15) Fluoranthene	18.95	202	42117	1.091	ng/ul	99
17) Pyrene	19.32	202	33380	0.841	ng/ul	99
18) Benzo(a)anthracene	21.07	228	18524	0.536	ng/ul	96
19) Chrysene	21.12	228	20588	0.593	ng/ul	96
21) Benzo(b)fluoranthene	22.59	252	37706	1.031	ng/ul	99
22) Benzo(k)fluoranthene	22.59	252	37627	1.021	ng/ul	99
23) Benzo(a)pyrene	23.12	252	15593	0.487	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.30	276	12144	0.348	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.31	278	3090	0.111	ng/ul#	72
26) Benzo(g,h,i)perylene	25.94	276	8972	0.305	ng/ul	97

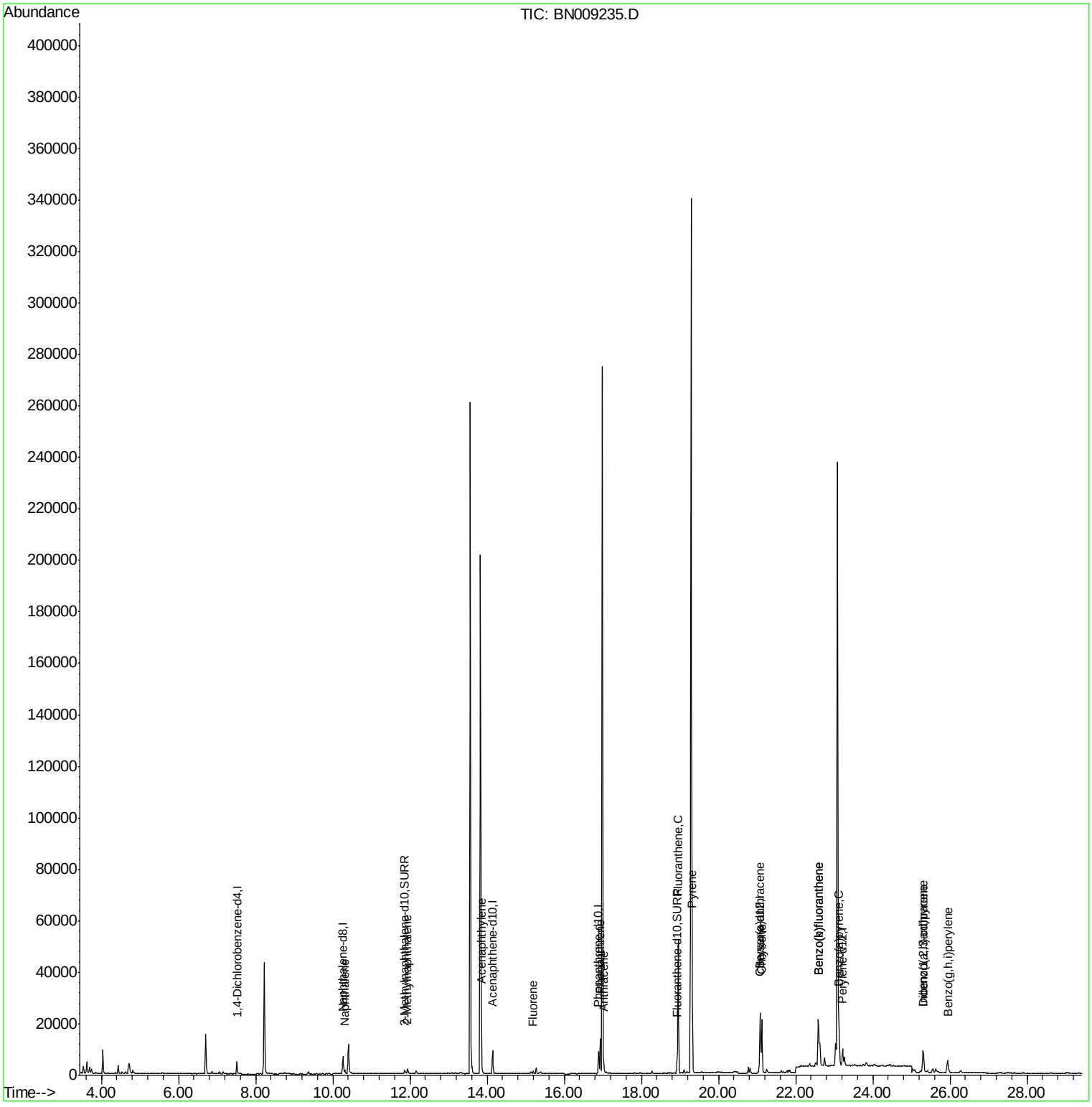
(#) = qualifier out of range (m) = manual integration (+) = signals summed

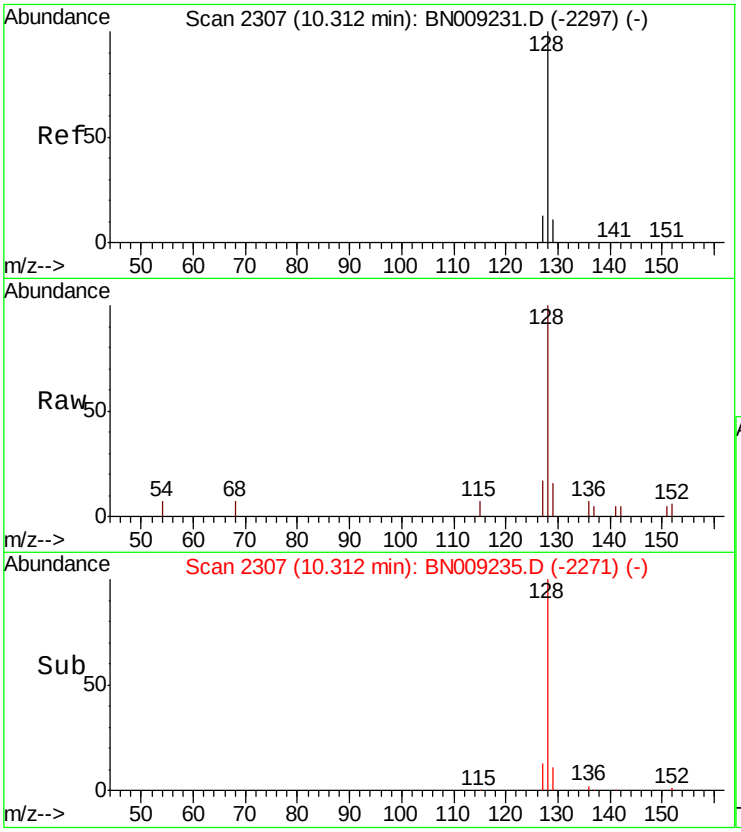
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009235.D
Acq On : 28 Dec 2019 19:17
Operator : JU
Sample : K6278-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 29 04:43:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 04:38:59 2019
Response via : Initial Calibration



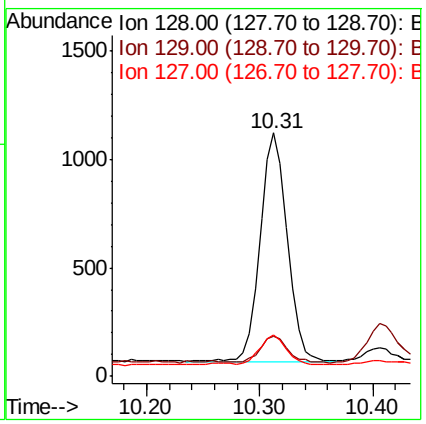


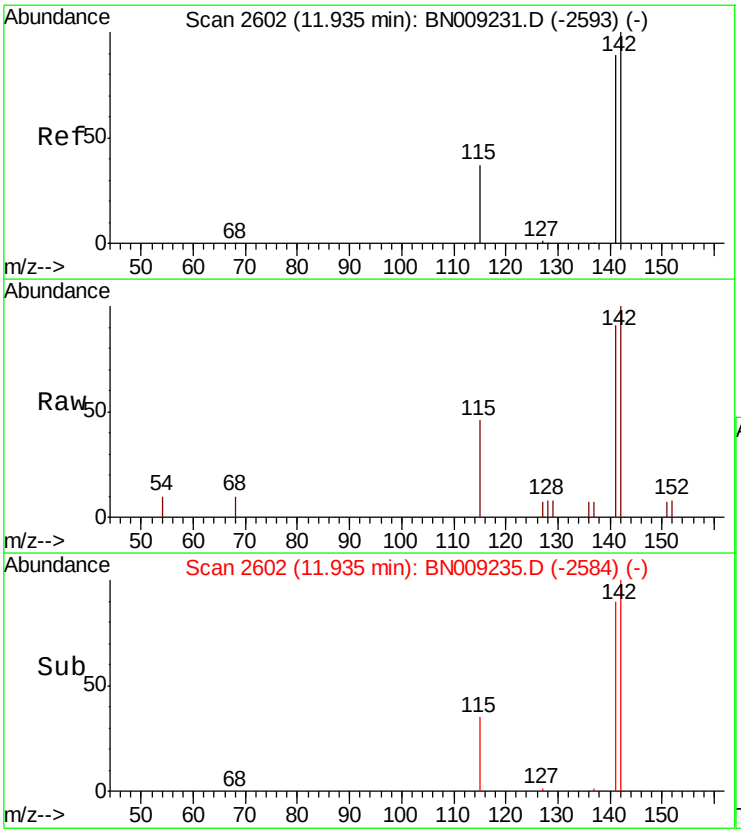
#3
Naphthalene
Concen: 0.069 ng/ul
RT: 10.31 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 1747

Ion	Ratio	Lower	Upper
128	100		
129	16.2	9.0	13.4#
127	16.9	10.9	16.3#

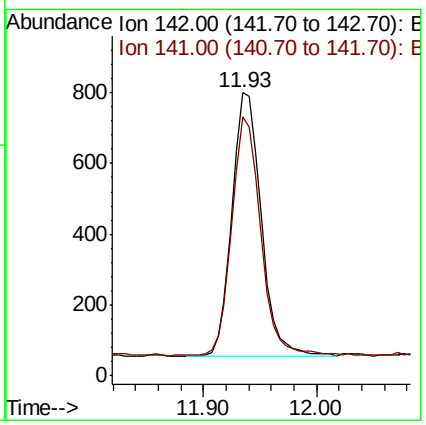


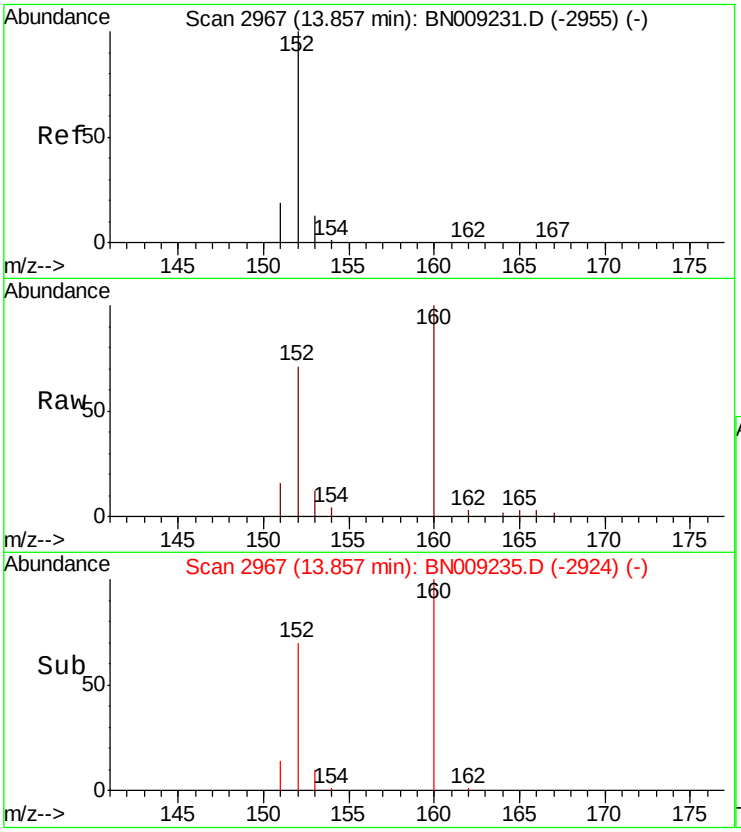


#5
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 11.93 min Scan# 2602
Delta R.T. 0.00 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Tgt Ion:142 Resp: 1344

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.2	105.4



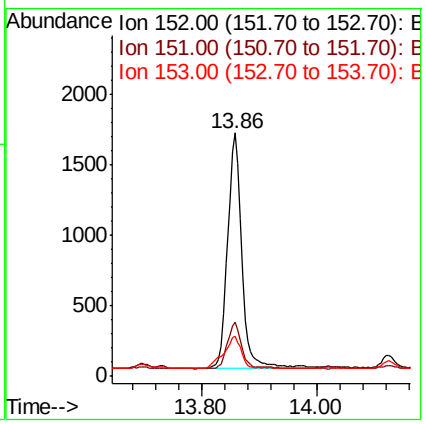


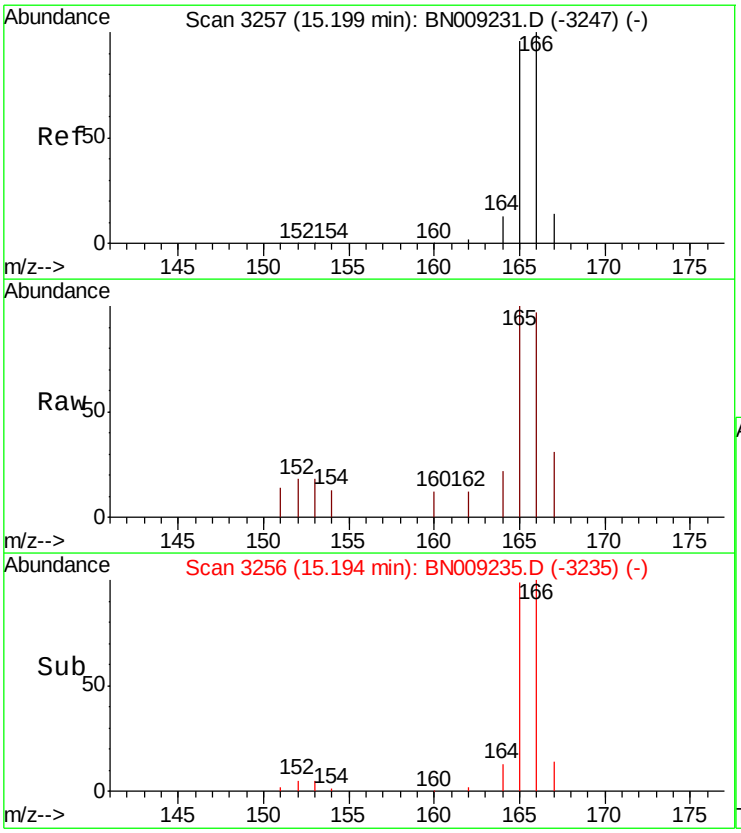
#7
Acenaphthylene
Concen: 0.118 ng/ul
RT: 13.86 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2875

Ion	Ratio	Lower	Upper
152	100		
151	22.2	15.7	23.5
153	16.6	10.8	16.2#

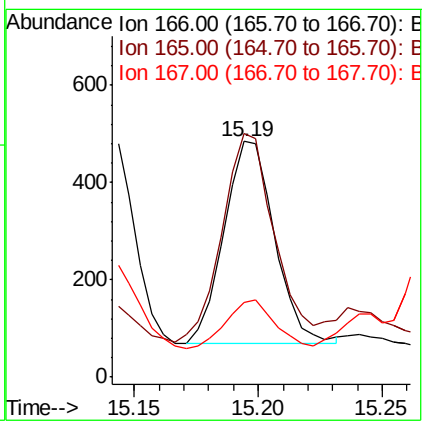


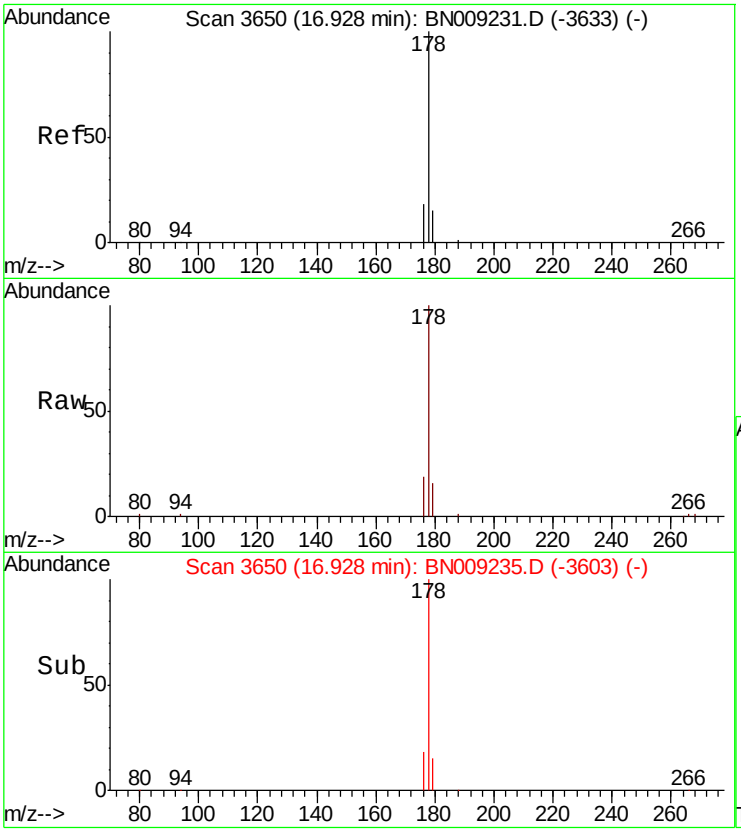


#9
Fluorene
Concen: 0.026 ng/ul
RT: 15.19 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Tgt Ion:166 Resp: 584

Ion	Ratio	Lower	Upper
166	100		
165	103.3	78.2	117.4
167	31.5	11.0	16.6#



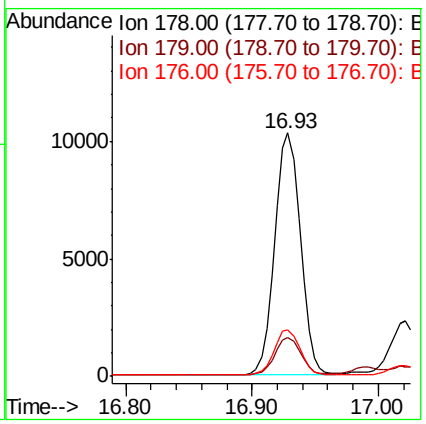


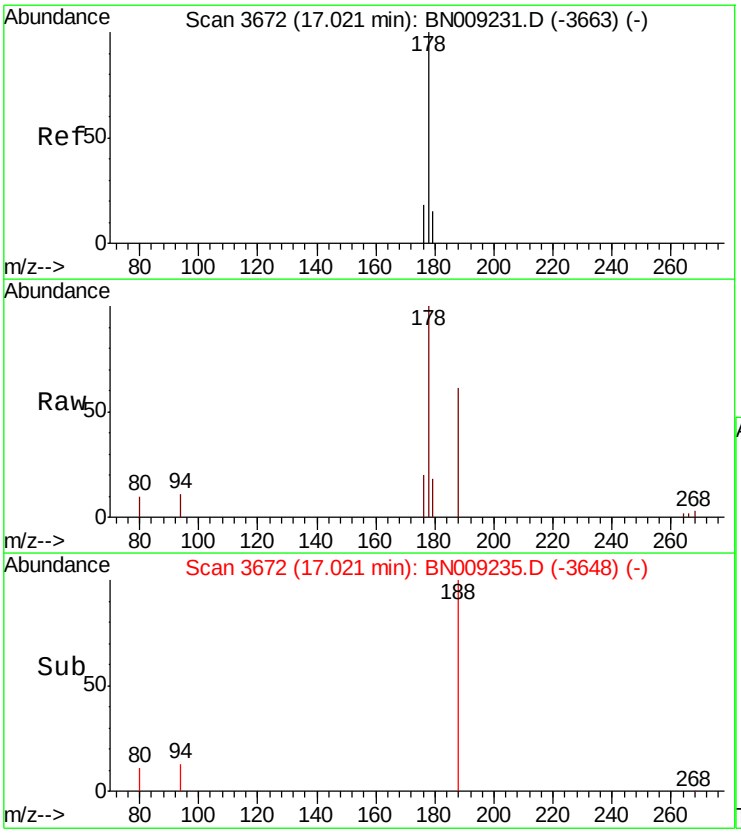
#12
Phenanthrene
Concen: 0.430 ng/ul
RT: 16.93 min Scan# 3650
Delta R.T. 0.00 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 14516

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.9	15.1	22.7

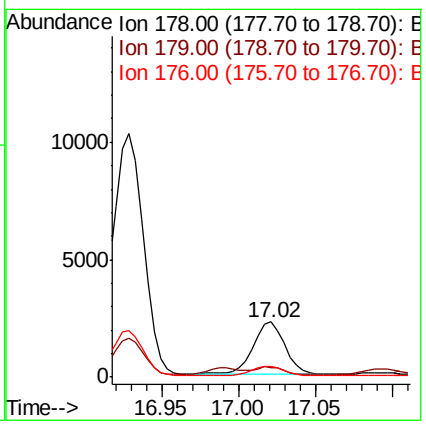


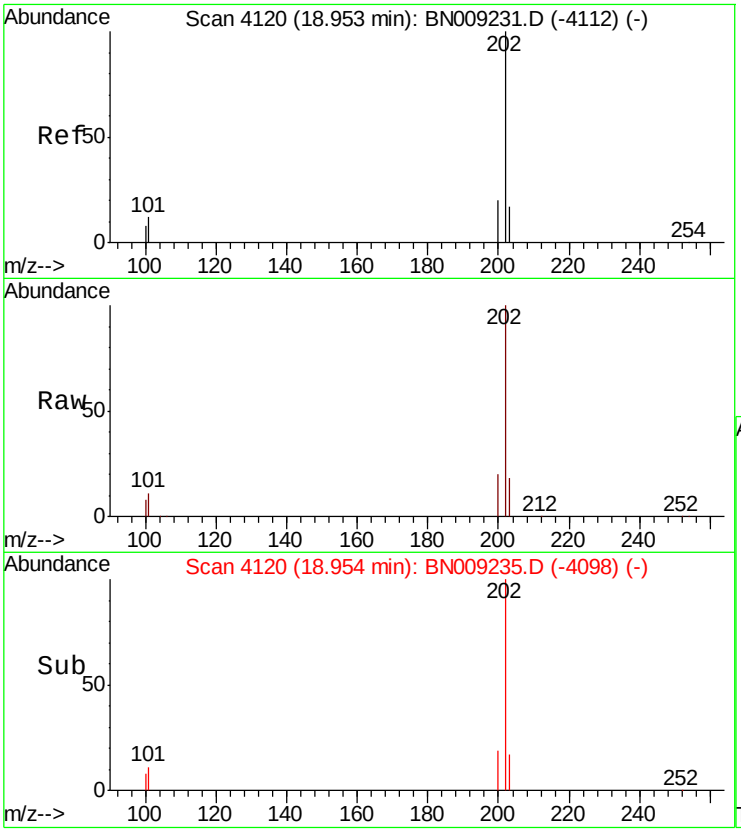


#13
Anthracene
Concen: 0.109 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Tgt Ion:178 Resp: 3312

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.5	18.7
176	19.7	14.9	22.3



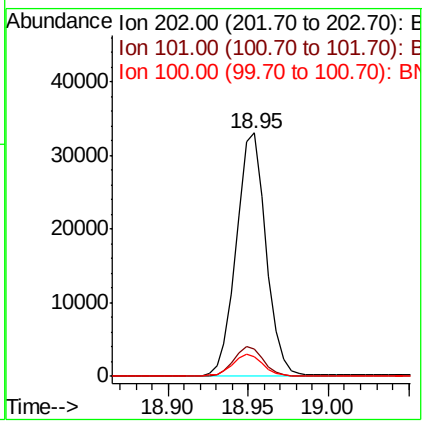


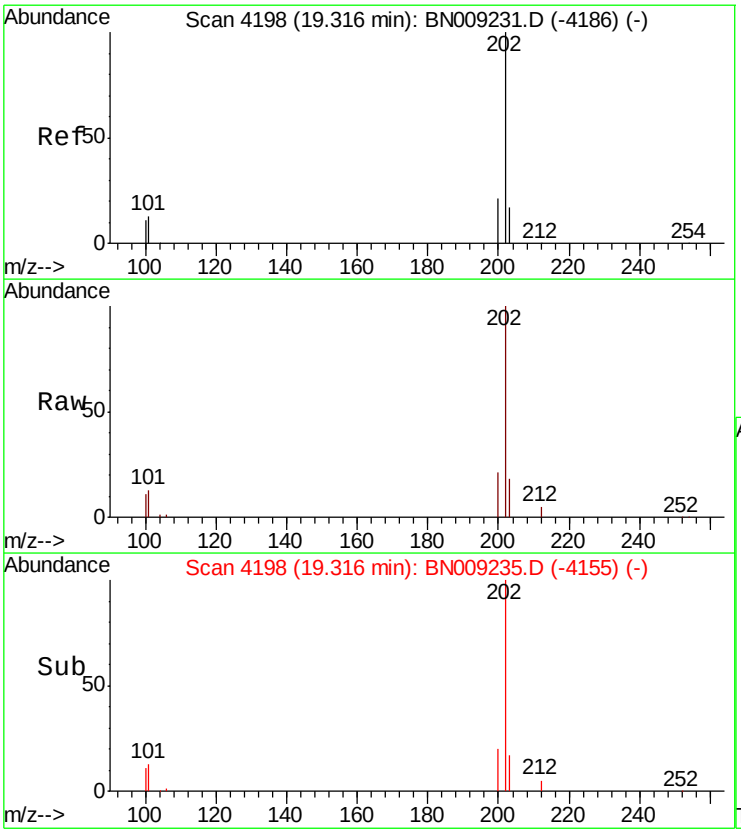
#15
Fluoranthene
Concen: 1.091 ng/ul
RT: 18.95 min Scan# 4120
Delta R.T. 0.00 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 42117

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.5
100	8.3	0.0	28.9

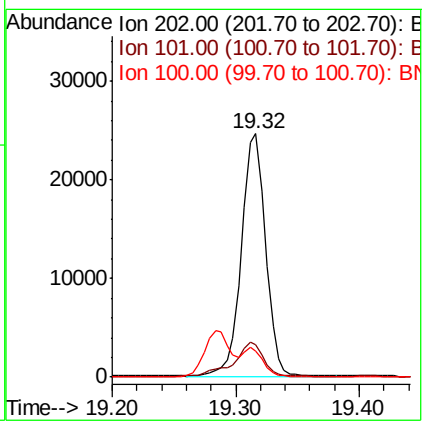


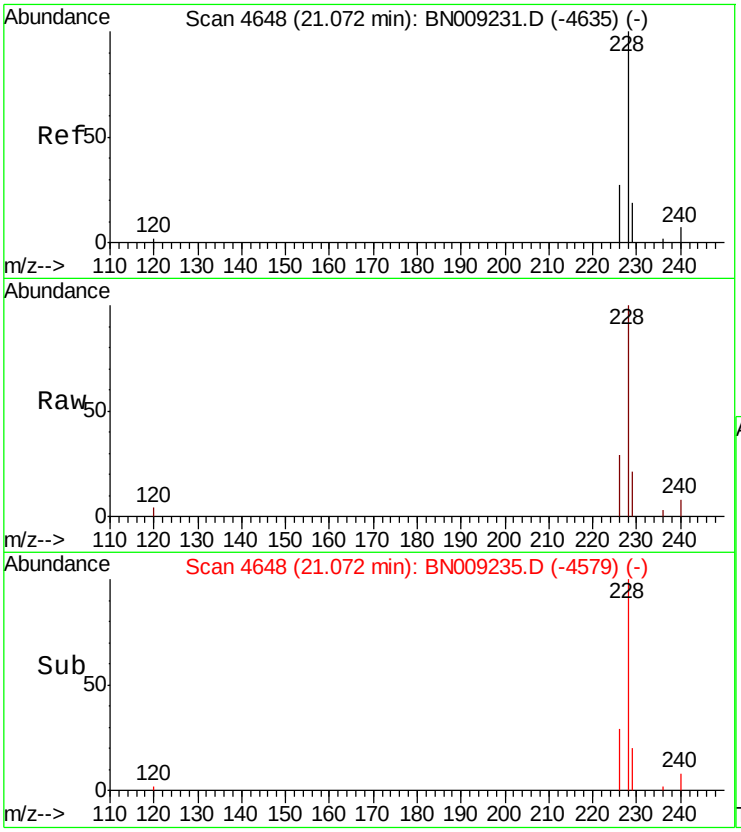


#17
Pyrene
Concen: 0.841 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Tgt Ion:202 Resp: 33380

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.9	16.3
100	10.7	9.0	13.6



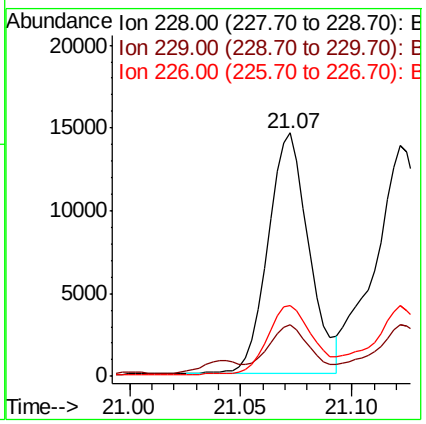


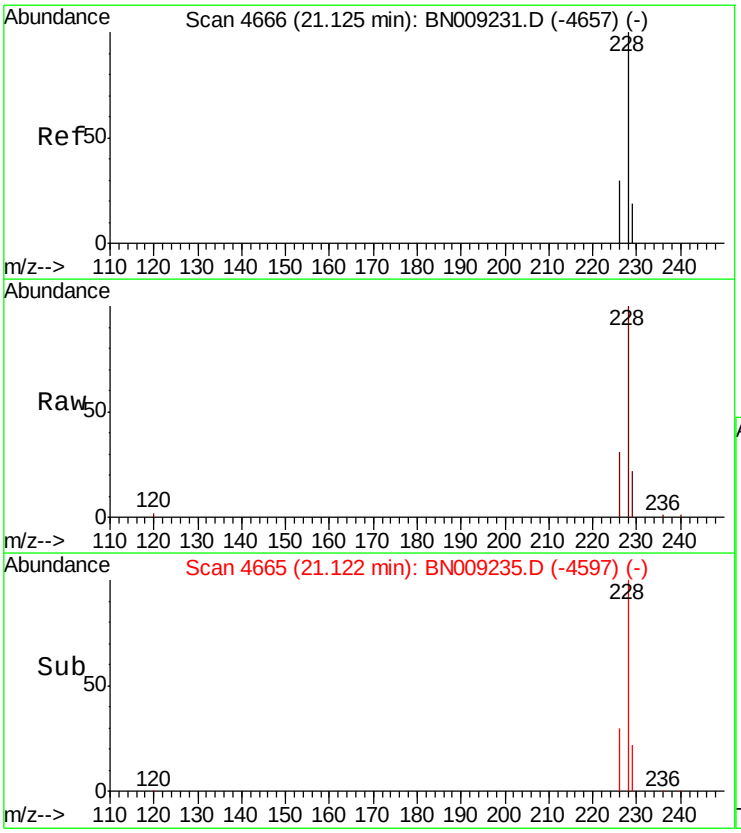
#18
Benzo(a)anthracene
Concen: 0.536 ng/ul
RT: 21.07 min Scan# 4648
Delta R.T. 0.00 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 18524

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.5	23.3
226	29.2	21.7	32.5

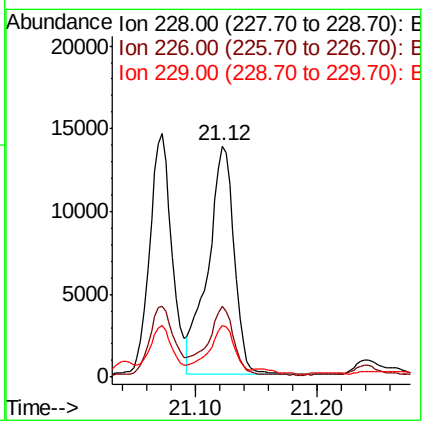


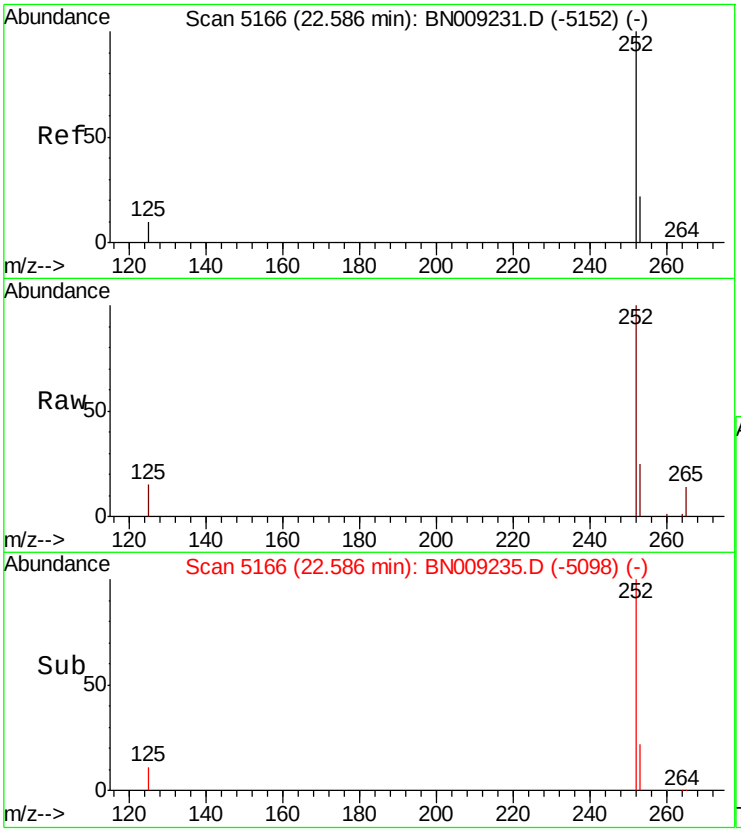


#19
Chrysene
Concen: 0.593 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. -0.00 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Tgt Ion:228 Resp: 20588

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.7	35.5
229	22.5	15.4	23.0



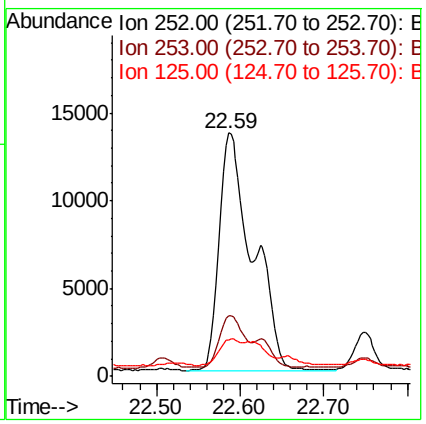


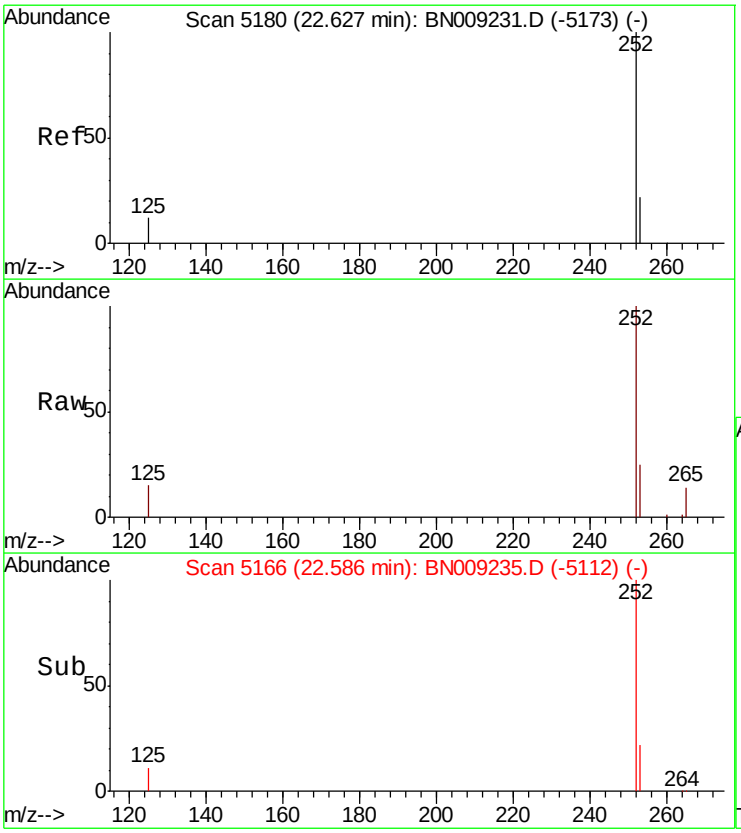
#21
Benzo(b)fluoranthene
Concen: 1.031 ng/ul
RT: 22.59 min Scan# 5166
Delta R.T. 0.00 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 37706

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	48.2
125	15.0	0.0	30.0

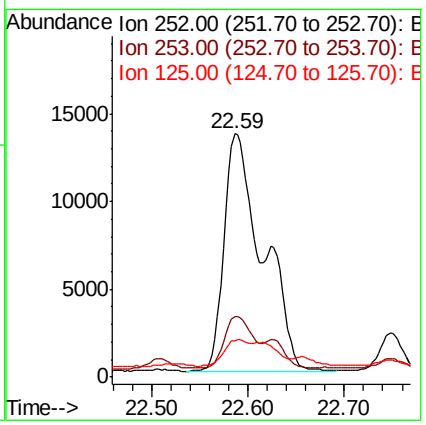


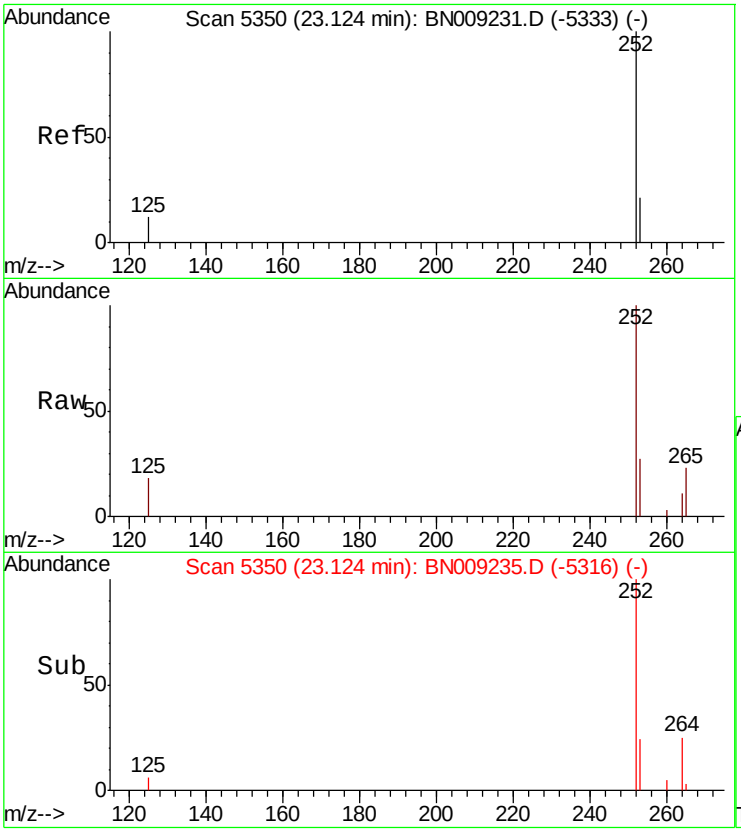


#22
Benzo(k)fluoranthene
Concen: 1.021 ng/ul
RT: 22.59 min Scan# 5166
Delta R.T. -0.04 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Tgt Ion:252 Resp: 37627

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.4	29.0
125	15.0	12.4	18.6



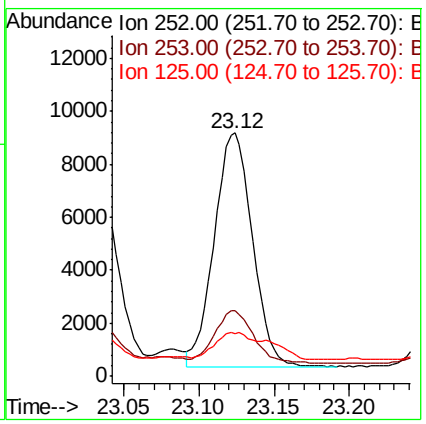


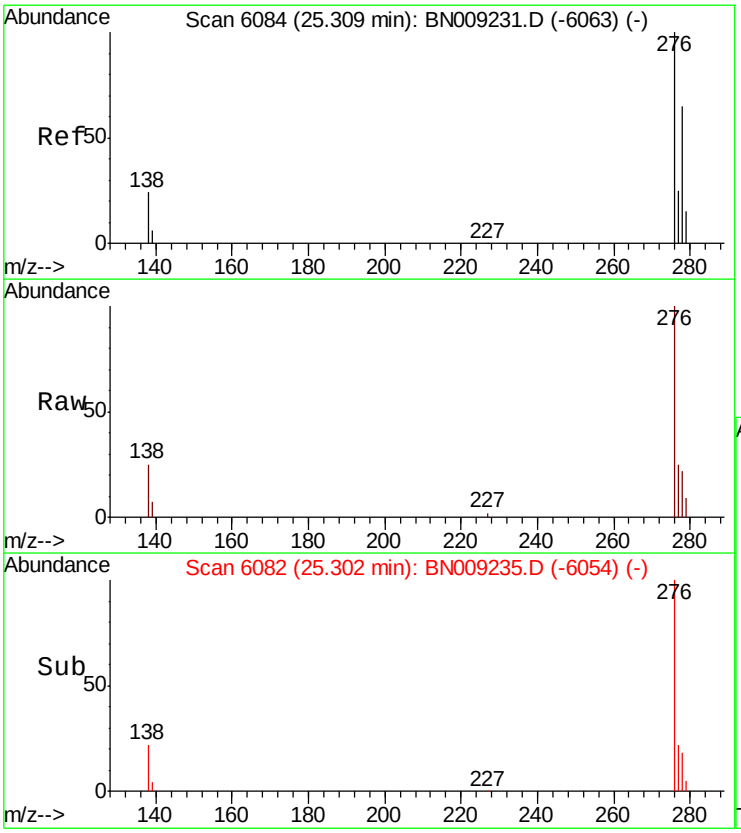
#23
Benzo(a)pyrene
Concen: 0.487 ng/ul
RT: 23.12 min Scan# 5350
Delta R.T. 0.00 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 15593

Ion	Ratio	Lower	Upper
252	100		
253	27.0	20.2	30.4
125	17.6	13.2	19.8

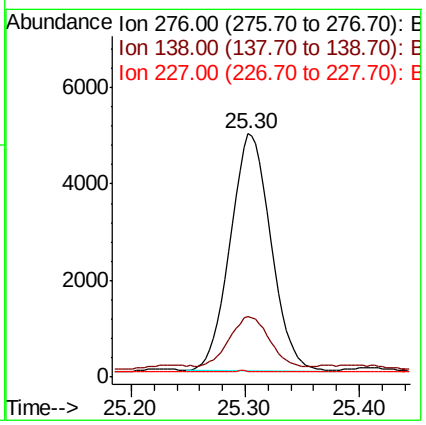


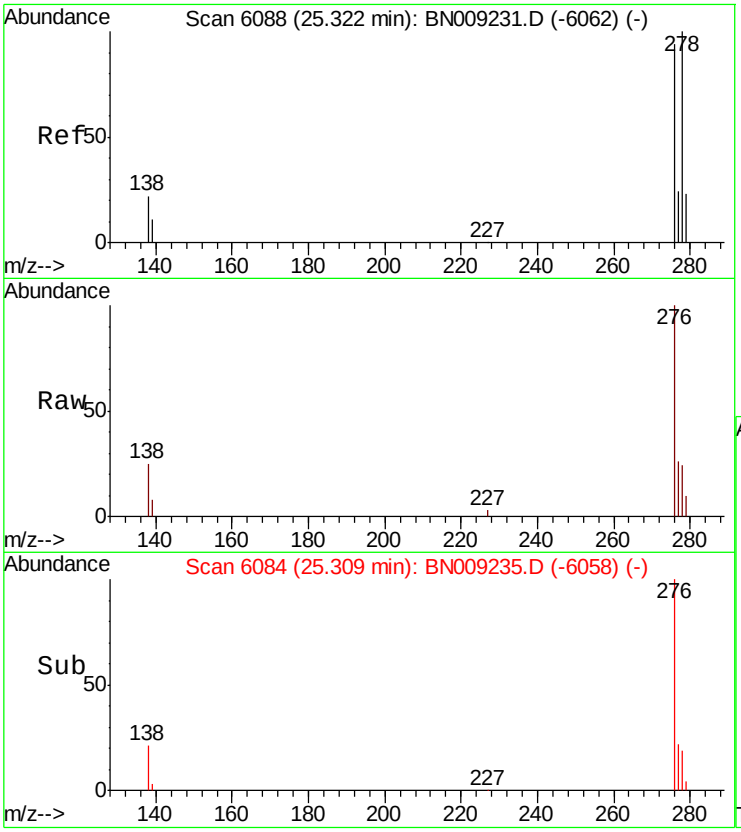


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng/ul
RT: 25.30 min Scan# 6082
Delta R.T. -0.01 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Tgt Ion:276 Resp: 12144

Ion	Ratio	Lower	Upper
276	100		
138	20.5	22.4	33.6#
227	0.1	0.2	0.4#



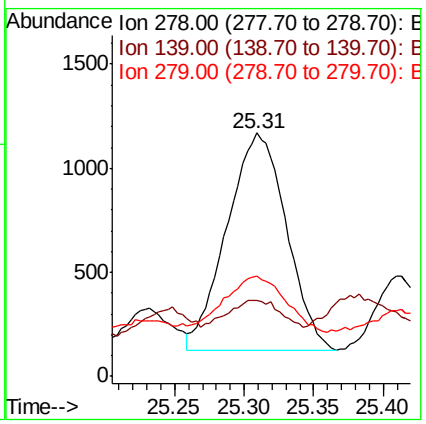


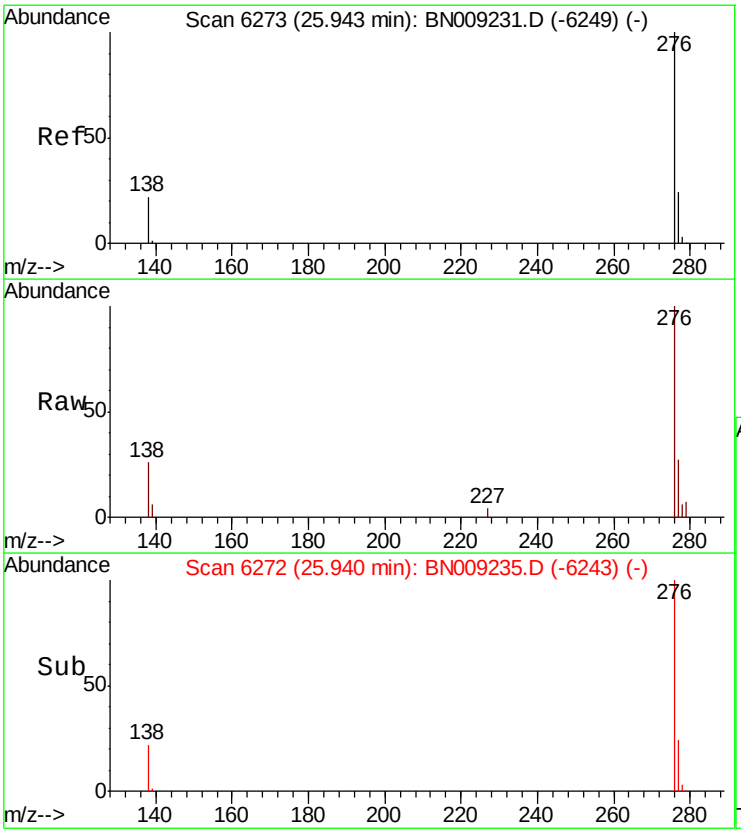
#25
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 25.31 min Scan# 6084
Delta R.T. -0.01 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 3090

Ion	Ratio	Lower	Upper
278	100		
139	31.4	16.2	24.2#
279	40.9	20.3	30.5#





#26
Benzo(g,h,i)perylene
Concen: 0.305 ng/ul
RT: 25.94 min Scan# 6272
Delta R.T. -0.00 min
Lab File: BN009235.D
Acq: 28 Dec 2019 19:17

Tgt Ion:276 Resp: 8972

Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.6	30.8
277	26.7	19.6	29.4