Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008102.D
Acq On : 12 Oct 2019 08:11
Operator : JU
Sample : K5124-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 12 21:40:00 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3515	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	15577	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	11417	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	1228967	0.40	ng/ul	0.09
16) Chrysene-d12	21.35	240	4126	0.40	ng/ul	0.14
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.41
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	6078	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.15	212	6271	0.00	ng/ul	0.10
Target Compounds						Qvalue
3) Naphthalene	10.44	128	129834	2.928	ng/ul	97
5) 2-Methylnaphthalene	12.06	142	78547	2.582	ng/ul	99
7) Acenaphthylene	13.98	152	6491	0.119	ng/ul#	80
8) Acenaphthene	14.32	153	11432	0.270	ng/ul	99
9) Fluorene	15.31	166	12276	0.256	ng/ul#	68
12) Phenanthrene	17.05	178	89112	0.025	ng/ul	96
17) Pyrene	19.44	202	301610	18.359	ng/ul	99
18) Benzo(a)anthracene	21.37	228	15262	1.017	ng/ul#	1
19) Chrysene	21.37	228	14879	0.808	ng/ul#	1

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

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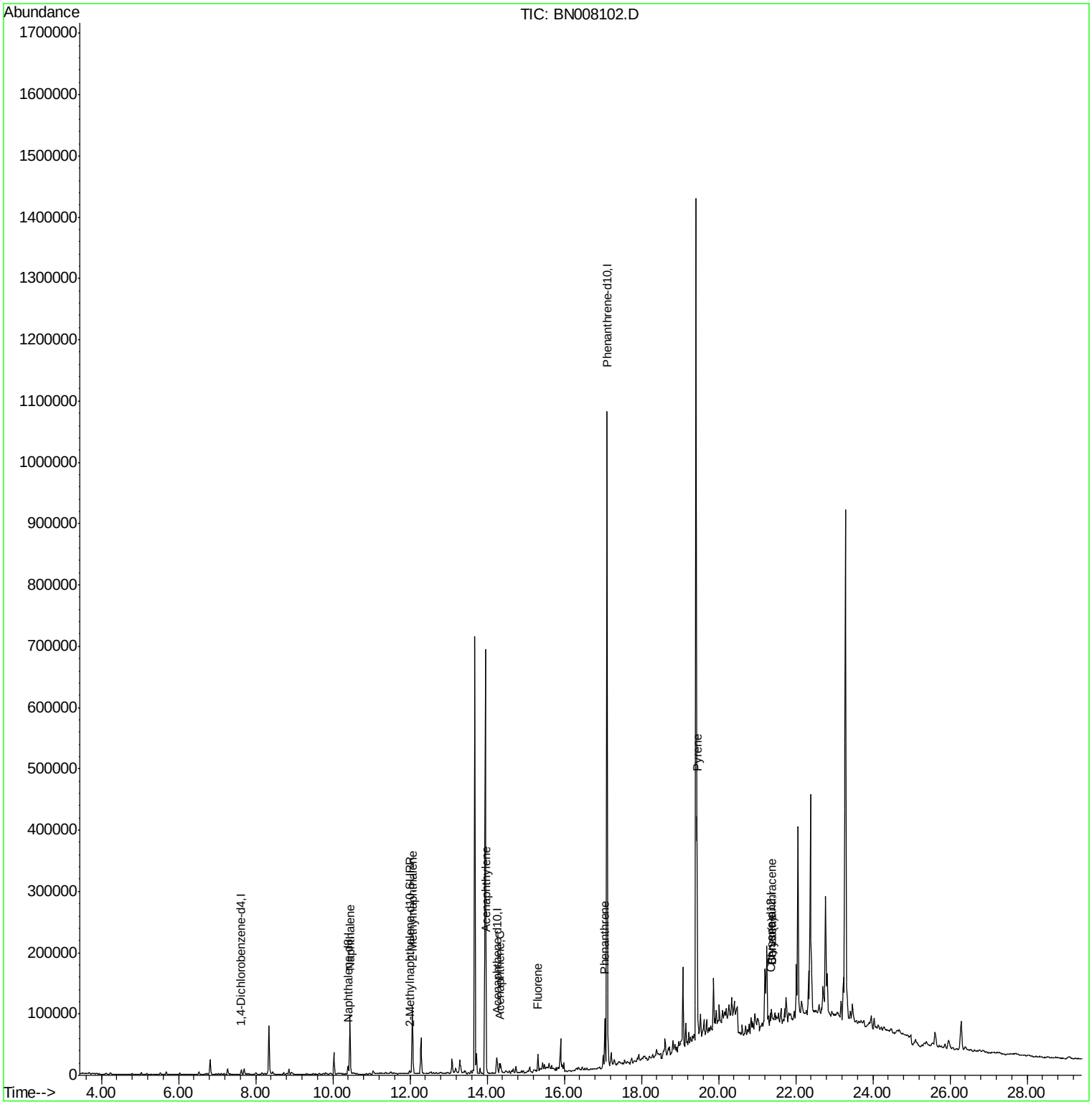
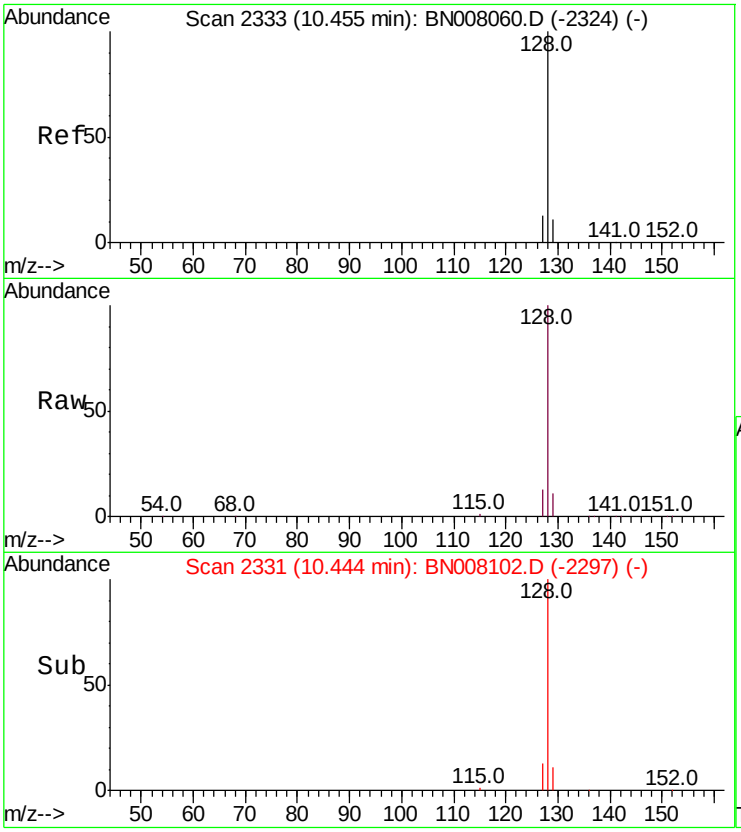


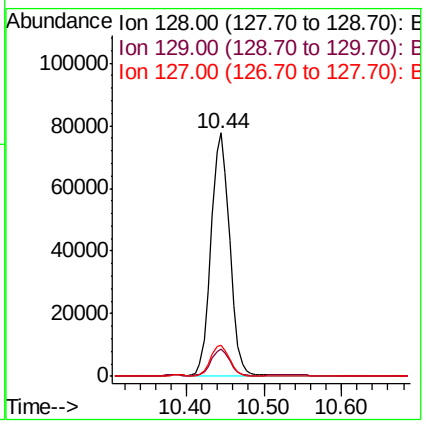


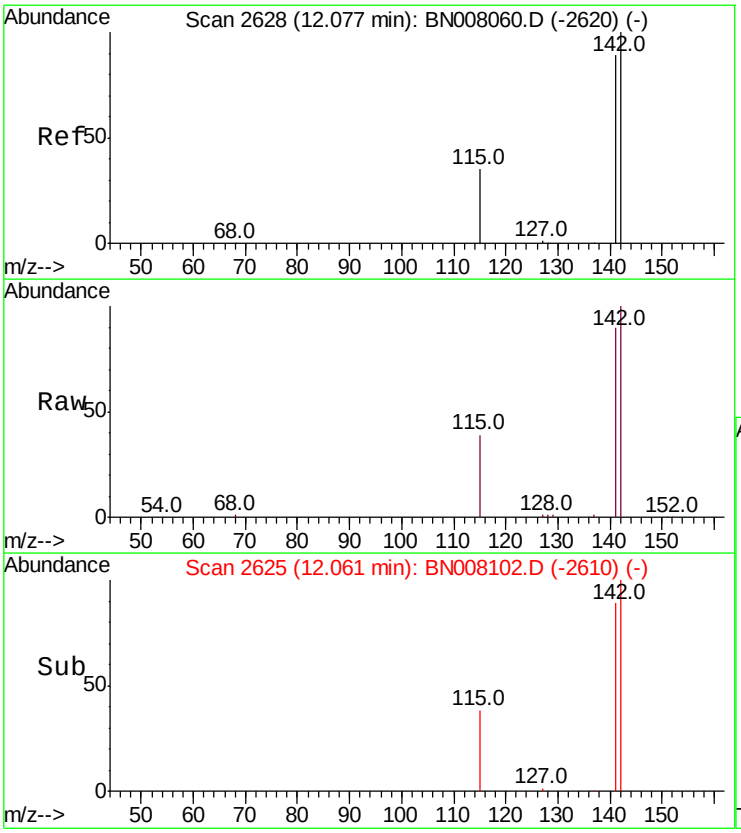
#3
Naphthalene
Concen: 2.928 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 129834

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.8
127	13.0	11.1	16.7

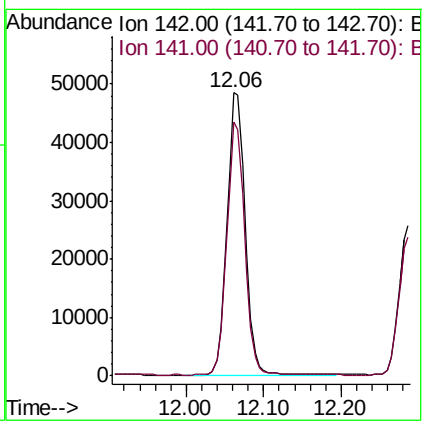


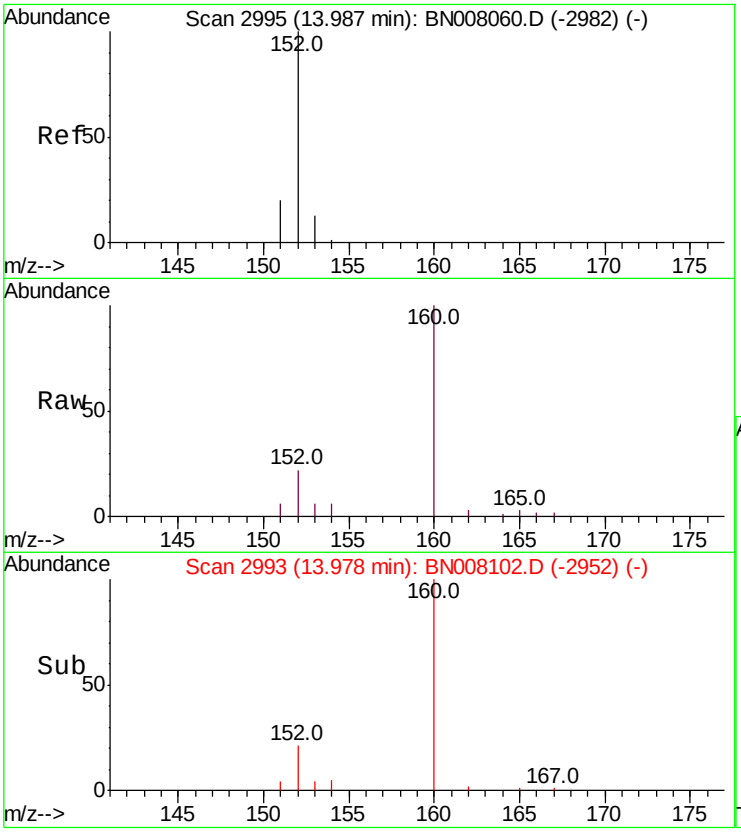


#5
2-Methylnaphthalene
Concen: 2.582 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. -0.02 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Tgt Ion:142 Resp: 78547

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2



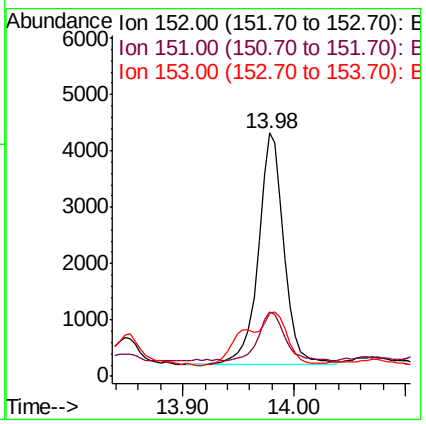


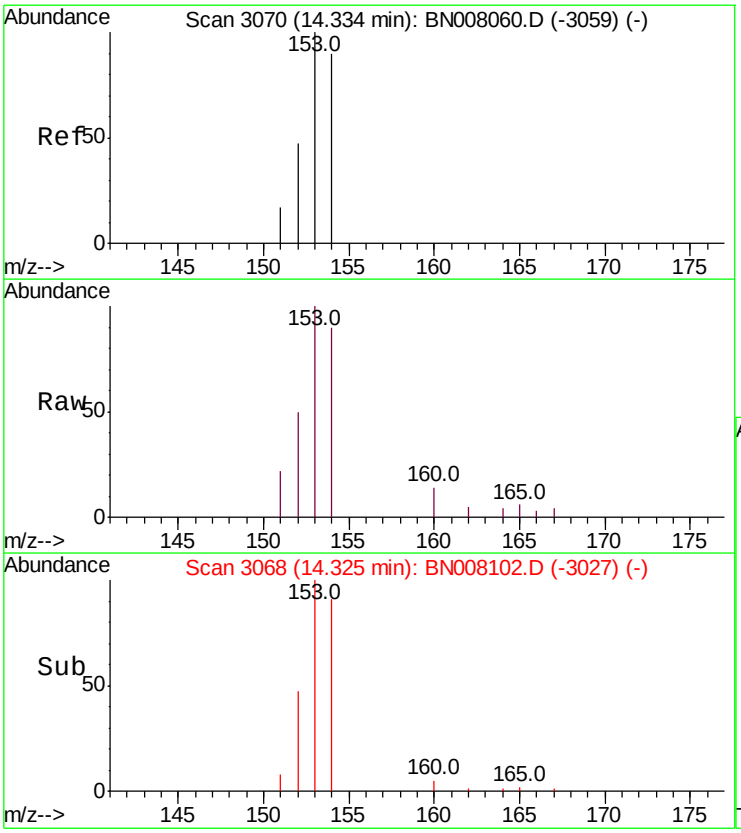
#7
Acenaphthylene
Concen: 0.119 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6491

Ion	Ratio	Lower	Upper
152	100		
151	26.6	16.2	24.4#
153	25.8	11.0	16.4#

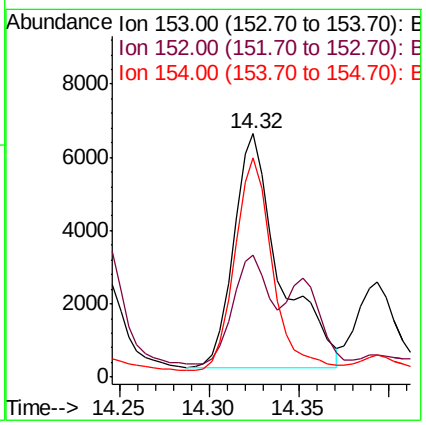


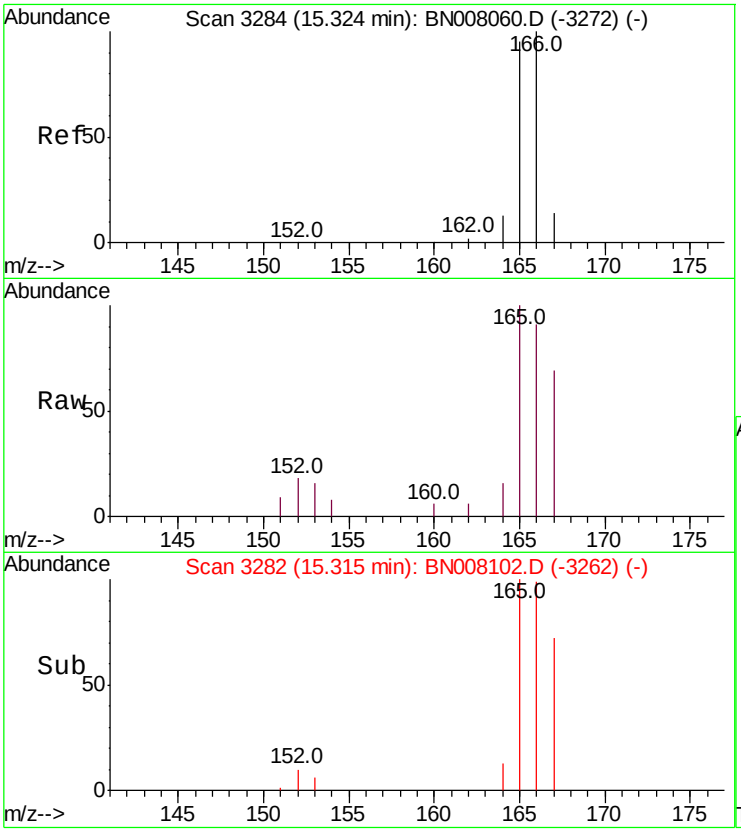


#8
Acenaphthene
Concen: 0.270 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Tgt Ion:153 Resp: 11432

Ion	Ratio	Lower	Upper
153	100		
152	49.9	38.2	57.2
154	89.9	71.8	107.8



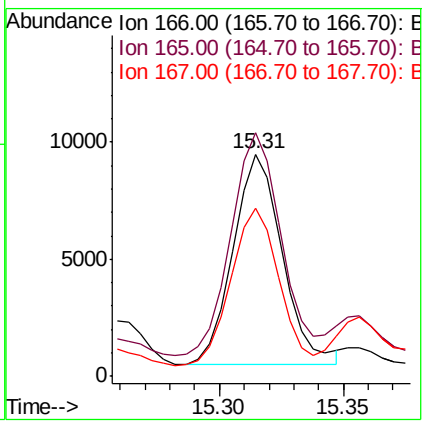


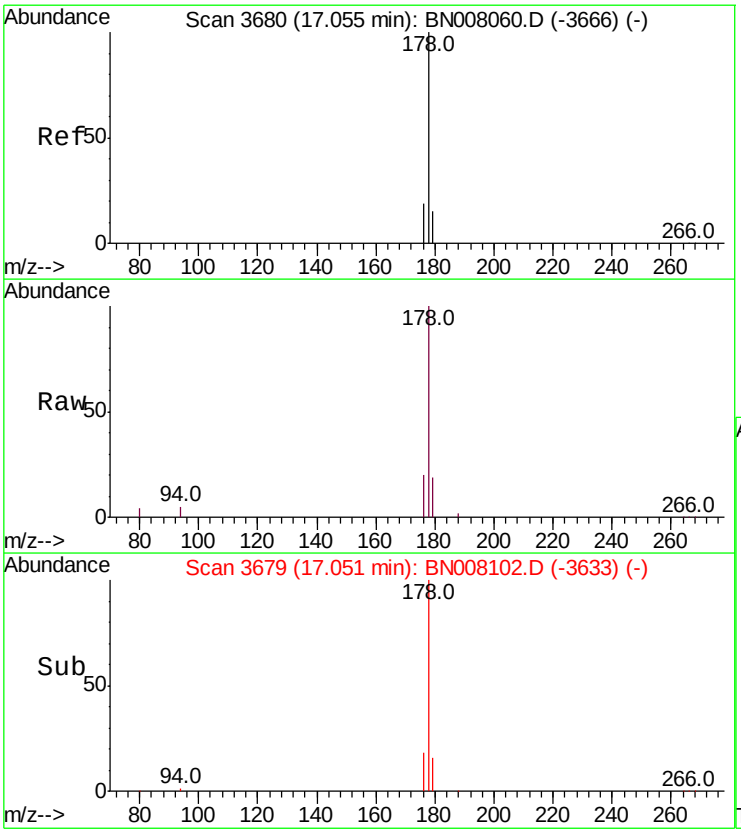
#9
Fluorene
Concen: 0.256 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 12276

Ion	Ratio	Lower	Upper
166	100		
165	109.7	76.6	115.0
167	75.8	11.7	17.5#

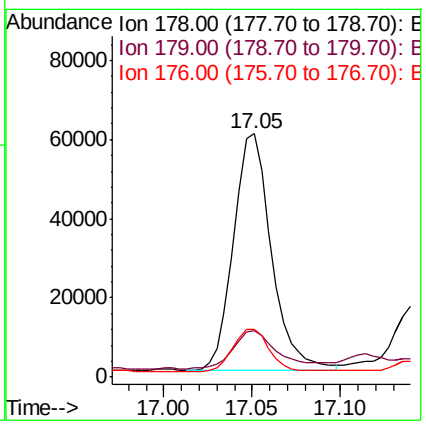


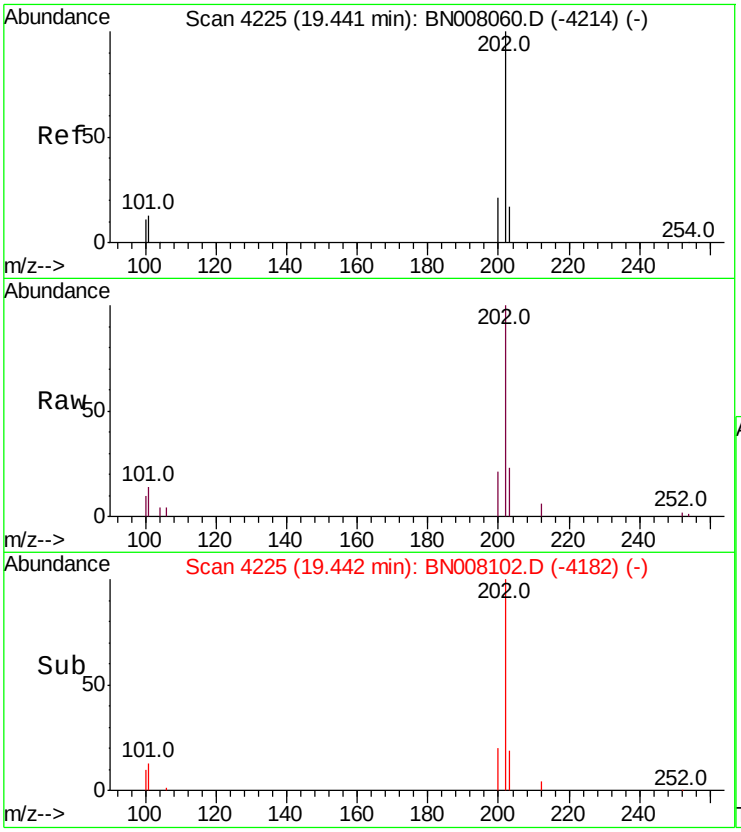


#12
Phenanthrene
Concen: 0.025 ng/ul
RT: 17.05 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Tgt Ion:178 Resp: 89112

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.8	19.2
176	19.8	15.4	23.2



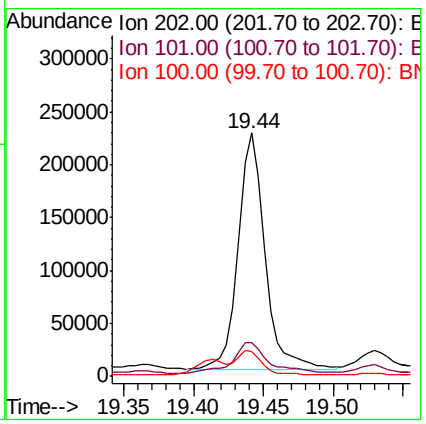


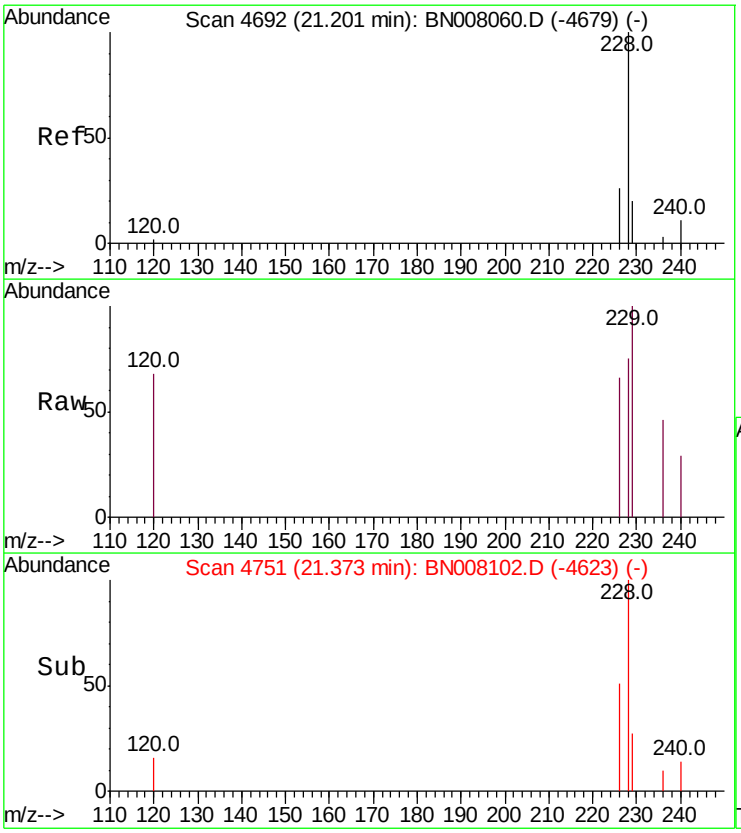
#17
Pyrene
Concen: 18.359 ng/ul
RT: 19.44 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 301610

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.9	16.3
100	10.1	8.7	13.1

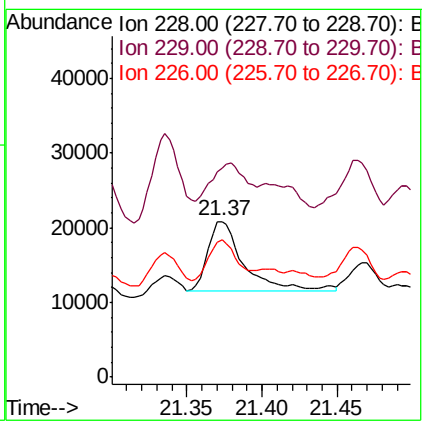


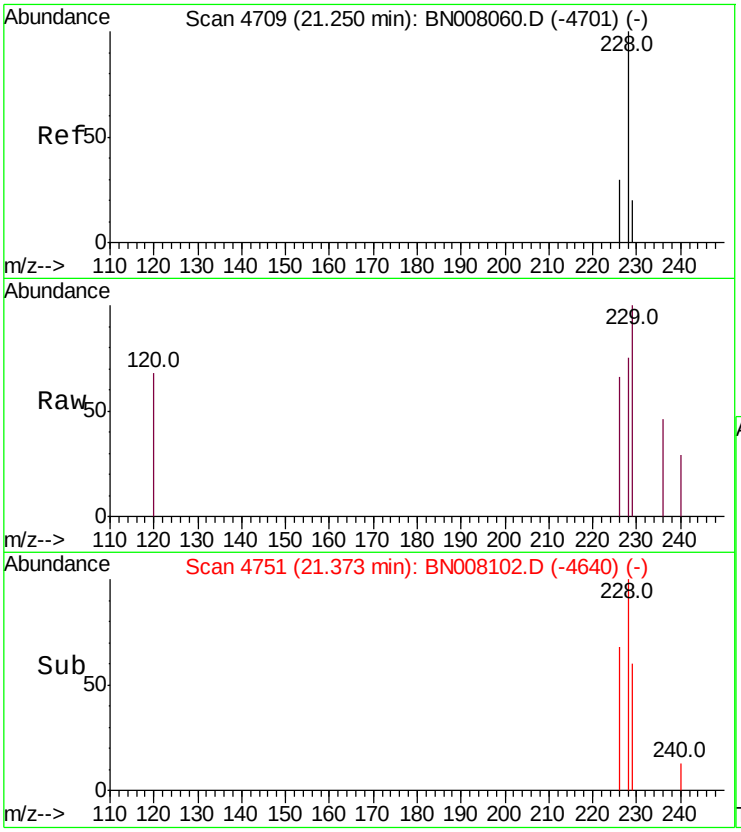


#18
Benzo(a)anthracene
Concen: 1.017 ng/ul
RT: 21.37 min Scan# 4751
Delta R.T. 0.17 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Tgt Ion:228 Resp: 15262

Ion	Ratio	Lower	Upper
228	100		
229	133.9	16.2	24.2#
226	87.8	21.4	32.0#





#19
Chrysene
Concen: 0.808 ng/ul
RT: 21.37 min Scan# 4751
Delta R.T. 0.12 min
Lab File: BN008102.D
Acq: 12 Oct 2019 08:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 14879

Ion	Ratio	Lower	Upper
228	100		
226	87.8	24.1	36.1#
229	133.9	16.2	24.2#