Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008335.D
Acq On : 23 Oct 2019 03:56
Operator : JU
Sample : K5223-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 23 05:28:51 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 : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1777	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8676	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5463	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.17	240	10941	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9537	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2959	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	8383	0.00	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.02	142	403	0.024	ng/ul	98
8) Acenaphthene	14.28	153	2211	0.109	ng/ul	97
9) Fluorene	15.27	166	2254	0.098	ng/ul#	98
17) Pyrene	19.39	202	23947	0.550	ng/ul#	95
18) Benzo(a)anthracene	21.16	228	12499	0.314	ng/ul	97
19) Chrysene	21.21	228	11247	0.230	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	12972	0.418	ng/ul	86
22) Benzo(k)fluoranthene	22.70	252	12971	0.369	ng/ul#	85
23) Benzo(a)pyrene	23.25	252	6497	0.199	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.50	276	2710	0.070	ng/ul#	82
25) Dibenzo(a,h)anthracene	25.51	278	704	0.023	ng/ul#	19
26) Benzo(g,h,i)perylene	26.16	276	2310	0.065	ng/ul#	80

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

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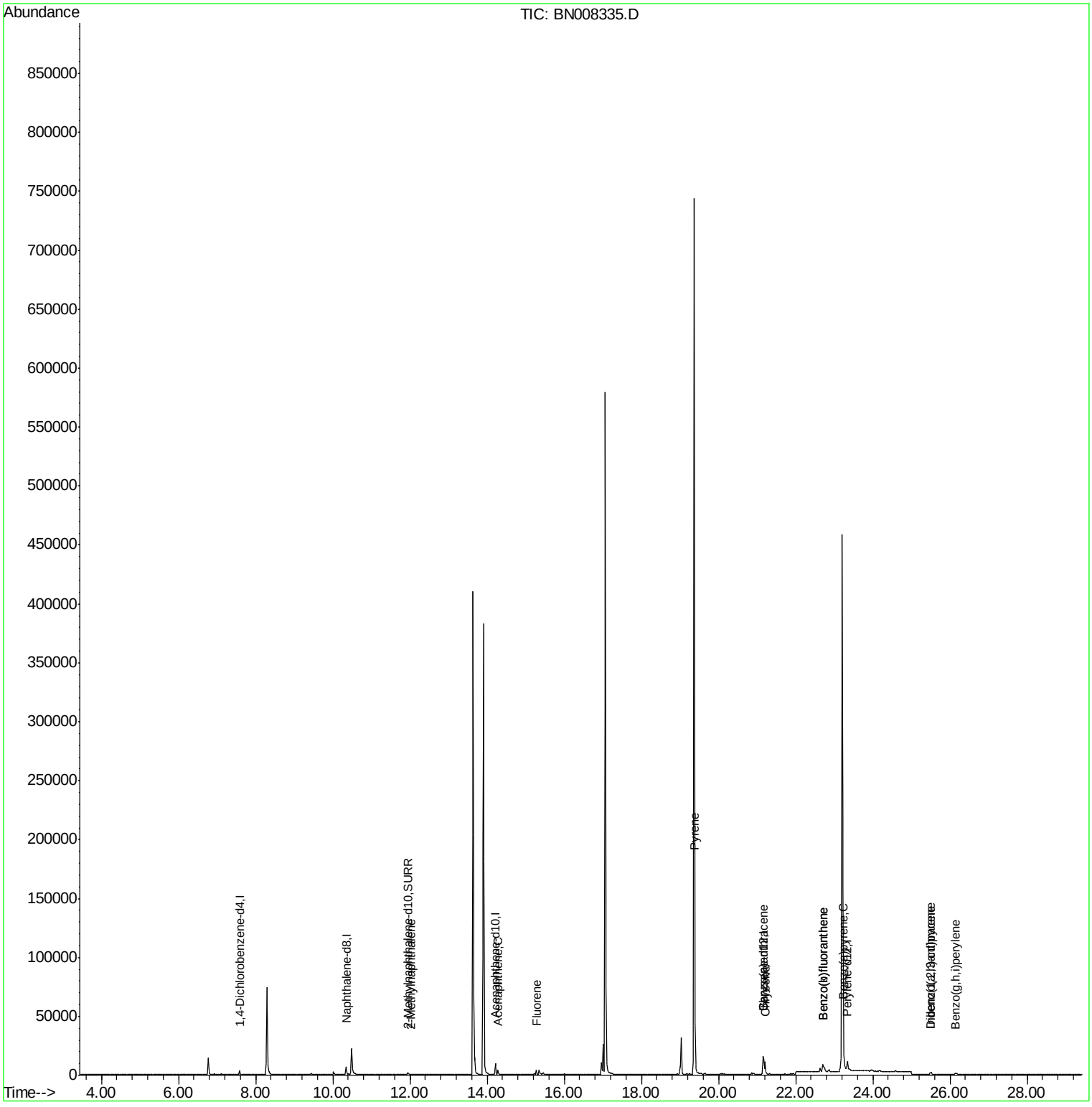
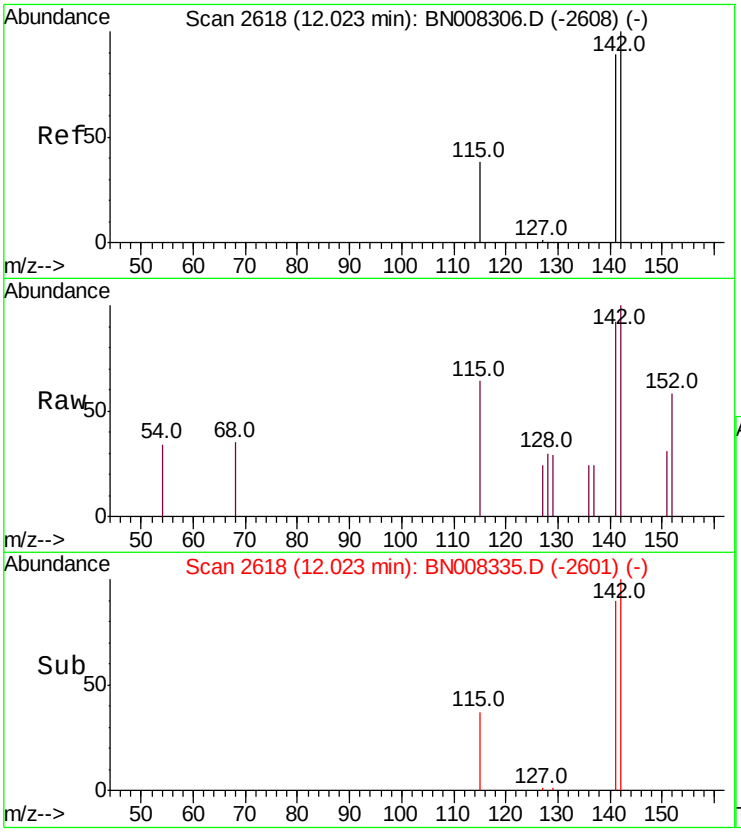


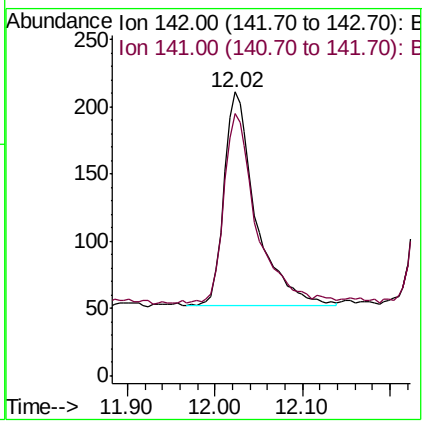


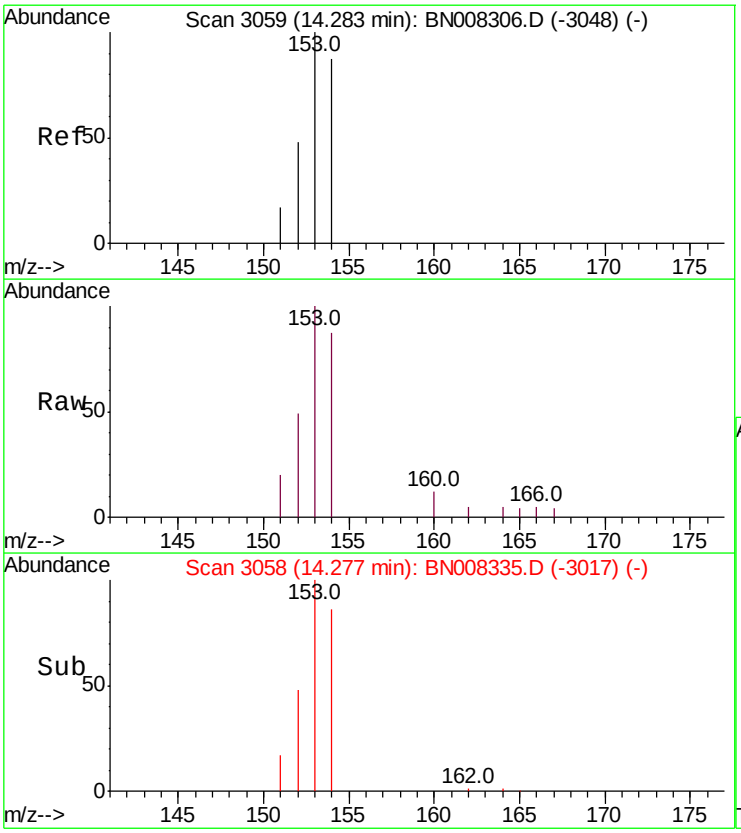
#5
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.02 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 403

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.4	107.2

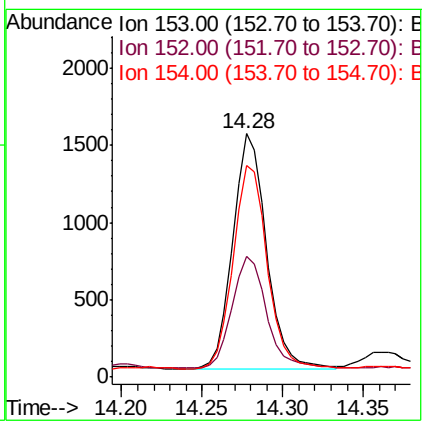


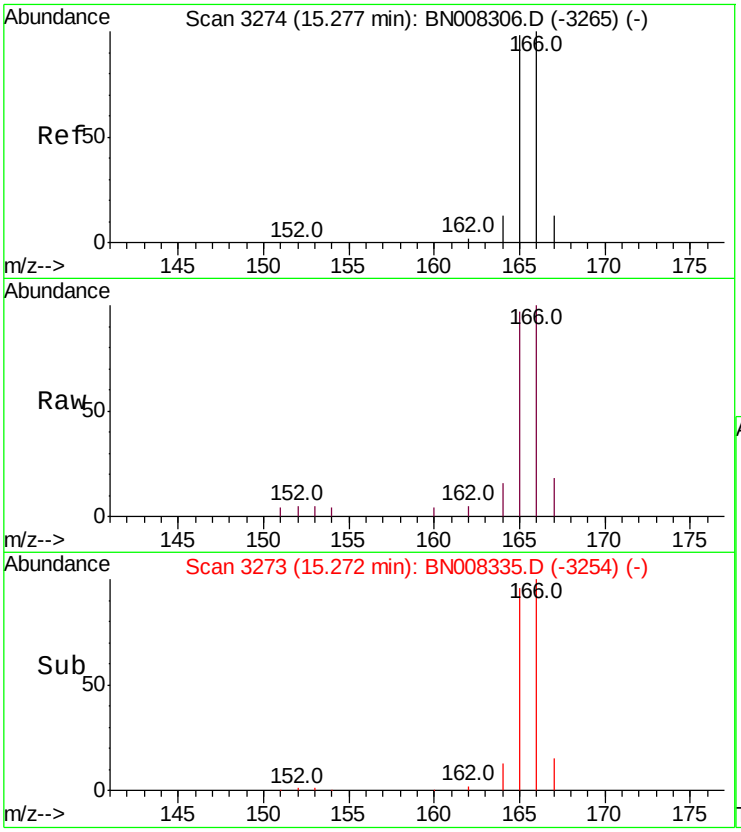


#8
Acenaphthene
Concen: 0.109 ng/ul
RT: 14.28 min Scan# 3058
Delta R.T. -0.01 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Tgt Ion:153 Resp: 2211

Ion	Ratio	Lower	Upper
153	100		
152	49.5	38.2	57.2
154	86.9	71.8	107.8



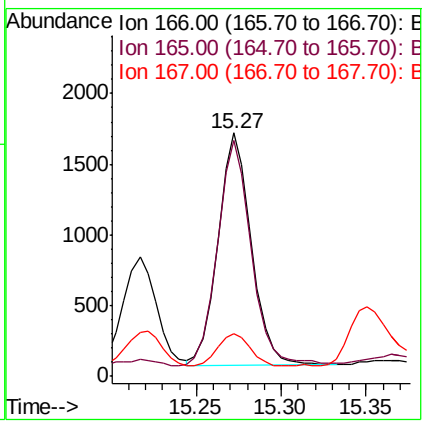


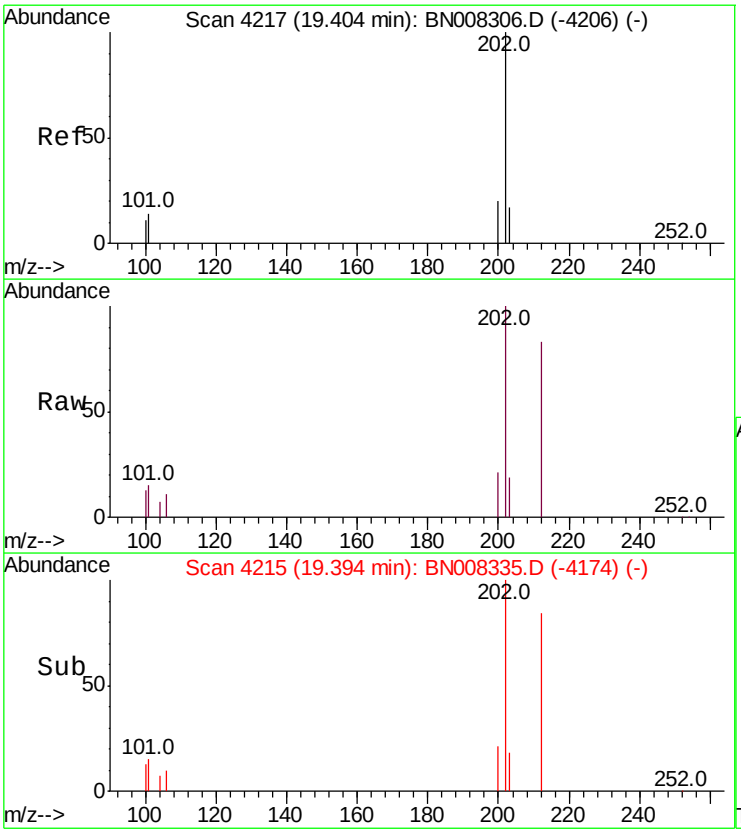
#9
Fluorene
Concen: 0.098 ng/ul
RT: 15.27 min Scan# 3273
Delta R.T. -0.01 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 2254

Ion	Ratio	Lower	Upper
166	100		
165	96.7	76.6	115.0
167	17.7	11.7	17.5#

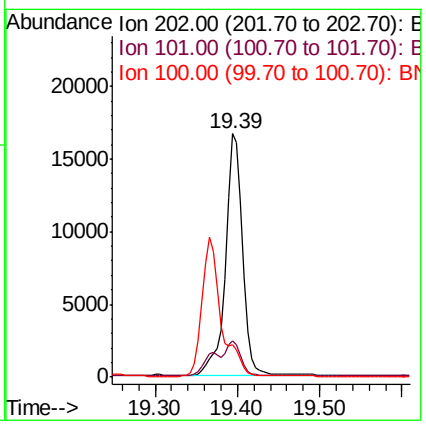


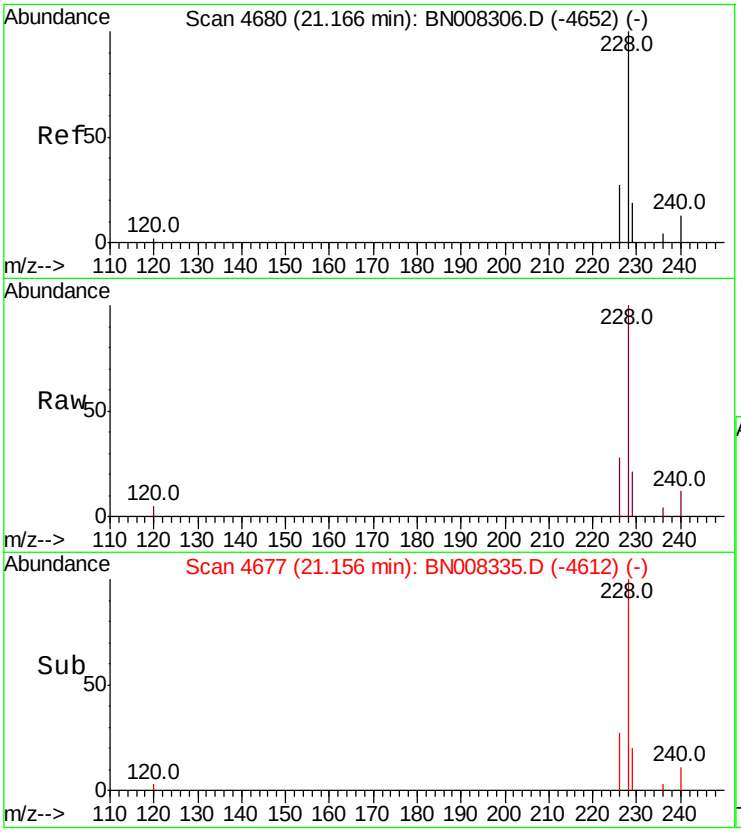


#17
Pyrene
Concen: 0.550 ng/ul
RT: 19.39 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Tgt Ion:202 Resp: 23947

Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.9	16.3
100	13.3	8.7	13.1#



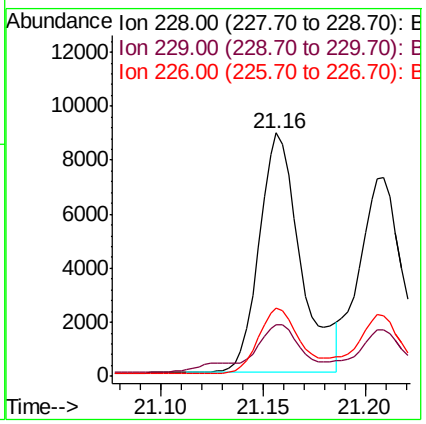


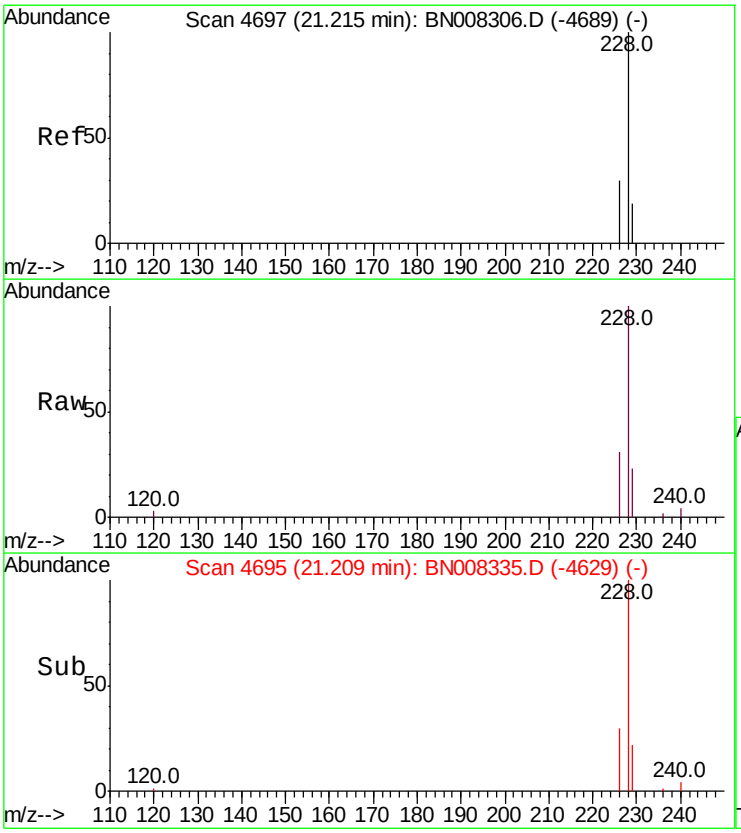
#18
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. -0.01 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 12499

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.2
226	28.0	21.4	32.0

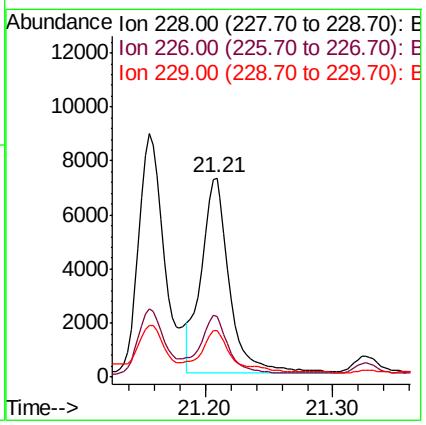


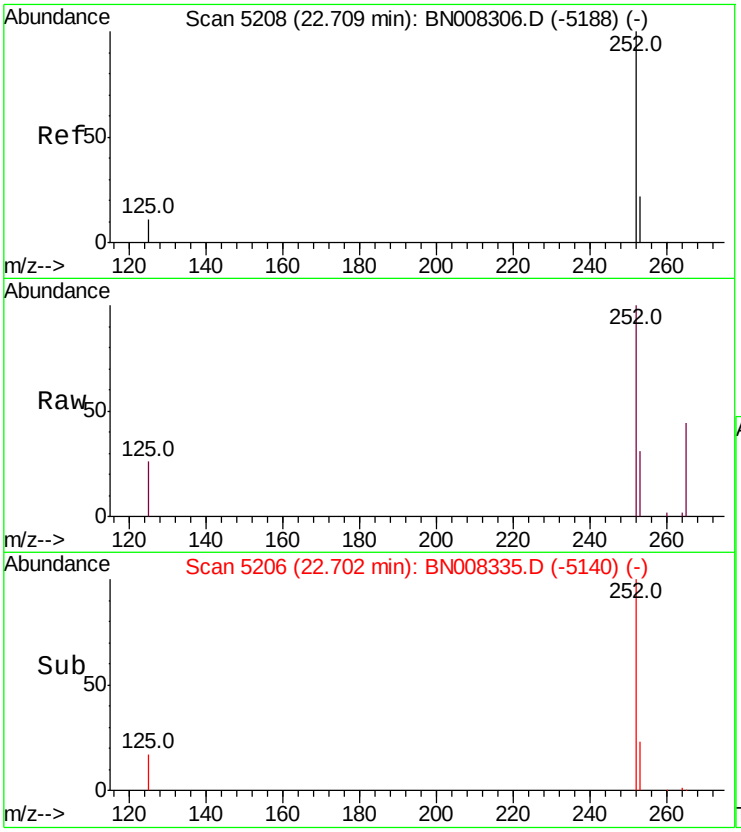


#19
Chrysene
Concen: 0.230 ng/ul
RT: 21.21 min Scan# 4695
Delta R.T. -0.01 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Tgt Ion:228 Resp: 11247

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	23.3	16.2	24.2



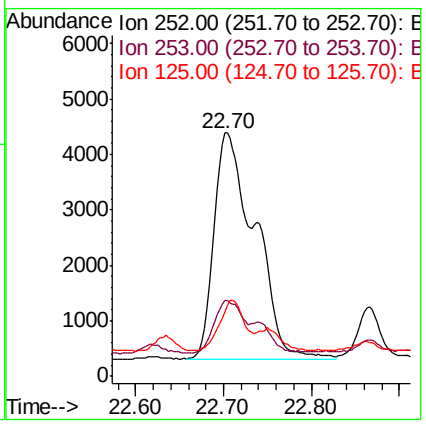


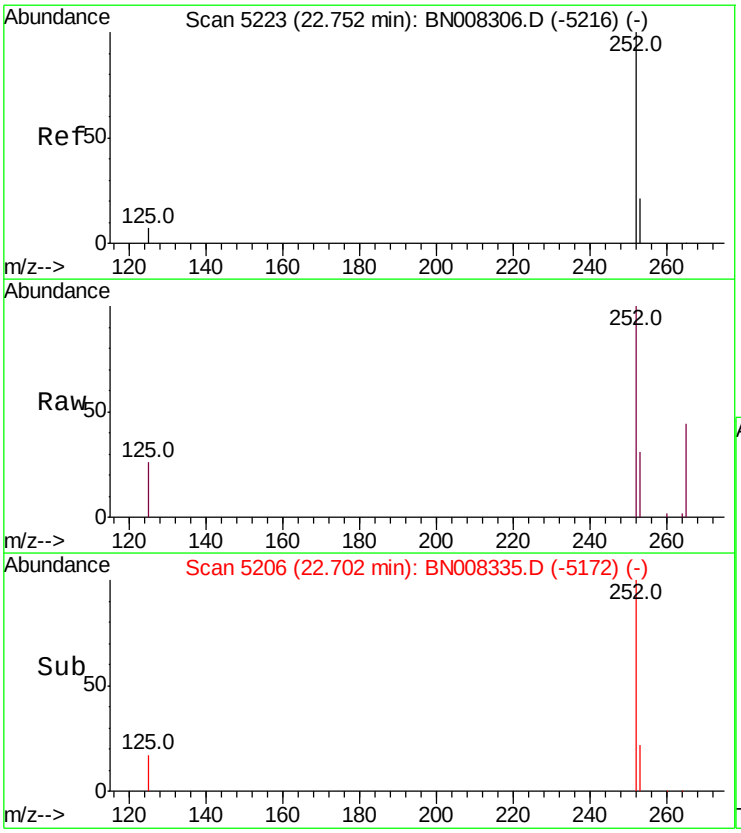
#21
Benzo(b)fluoranthene
Concen: 0.418 ng/ul
RT: 22.70 min Scan# 5206
Delta R.T. -0.01 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 12972

Ion	Ratio	Lower	Upper
252	100		
253	31.2	0.0	53.4
125	26.4	0.0	32.4

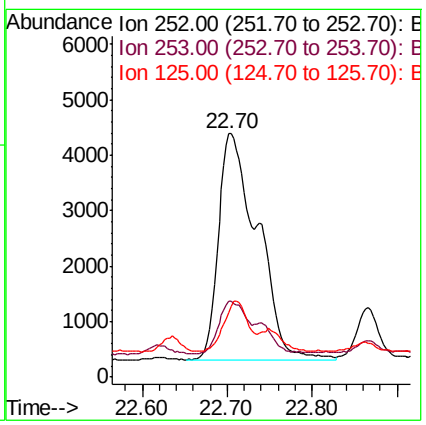


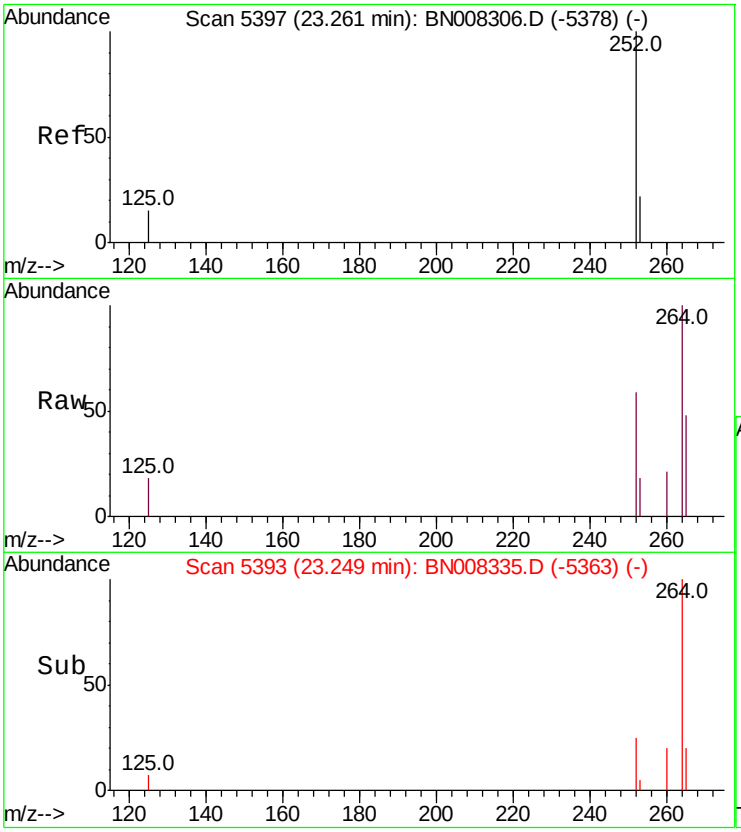


#22
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 22.70 min Scan# 5206
Delta R.T. -0.05 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Tgt Ion:252 Resp: 12971

Ion	Ratio	Lower	Upper
252	100		
253	31.2	21.3	31.9
125	26.4	12.3	18.5#



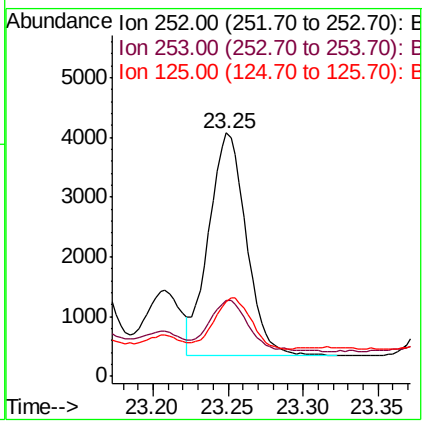


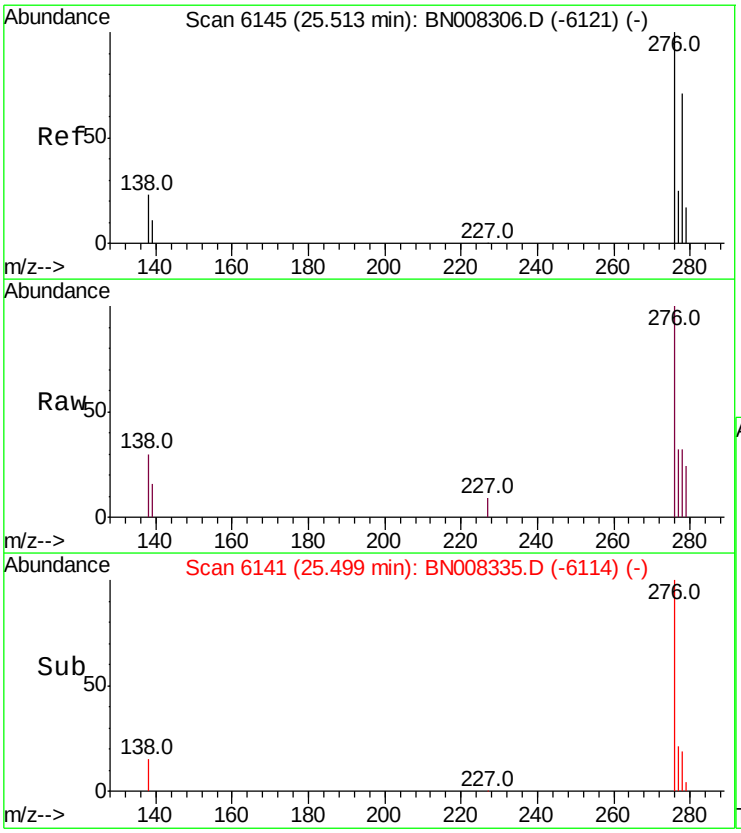
#23
Benzo(a)pyrene
Concen: 0.199 ng/ul
RT: 23.25 min Scan# 5393
Delta R.T. -0.01 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6497

Ion	Ratio	Lower	Upper
252	100		
253	31.3	22.8	34.2
125	30.8	18.4	27.6#

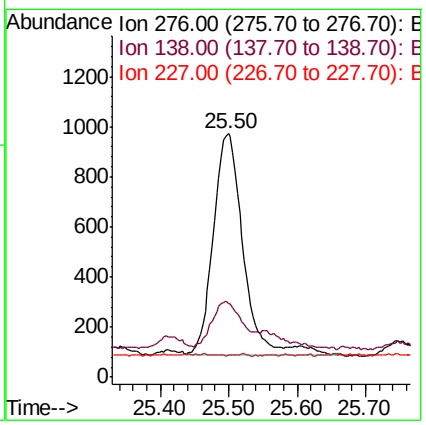


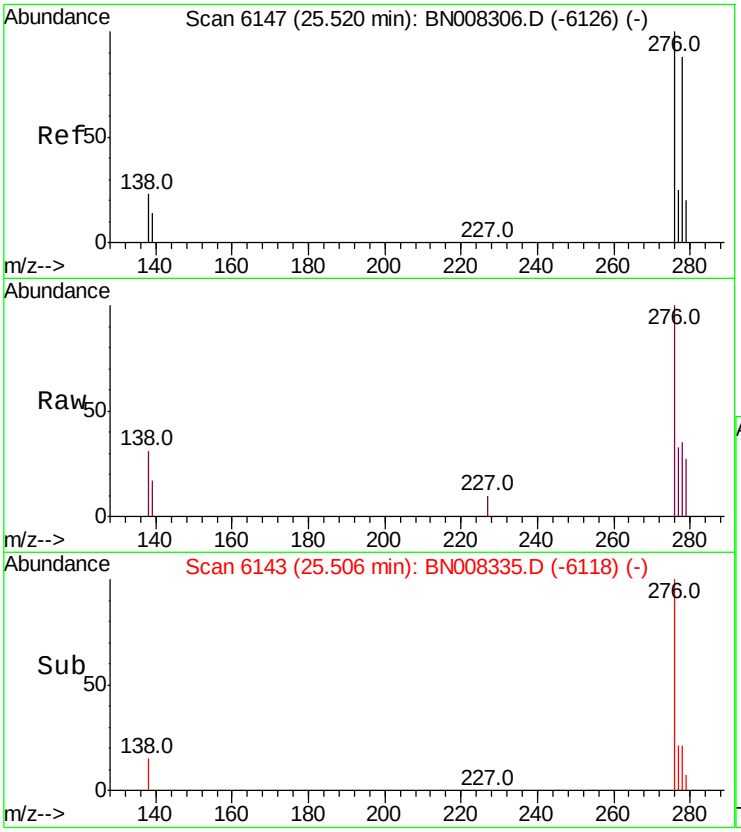


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng/ul
RT: 25.50 min Scan# 6141
Delta R.T. -0.01 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Tgt Ion:276 Resp: 2710

Ion	Ratio	Lower	Upper
276	100		
138	28.5	16.1	24.1#
227	0.1	0.2	0.2#



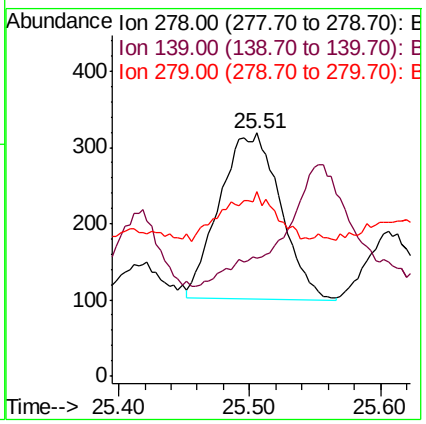


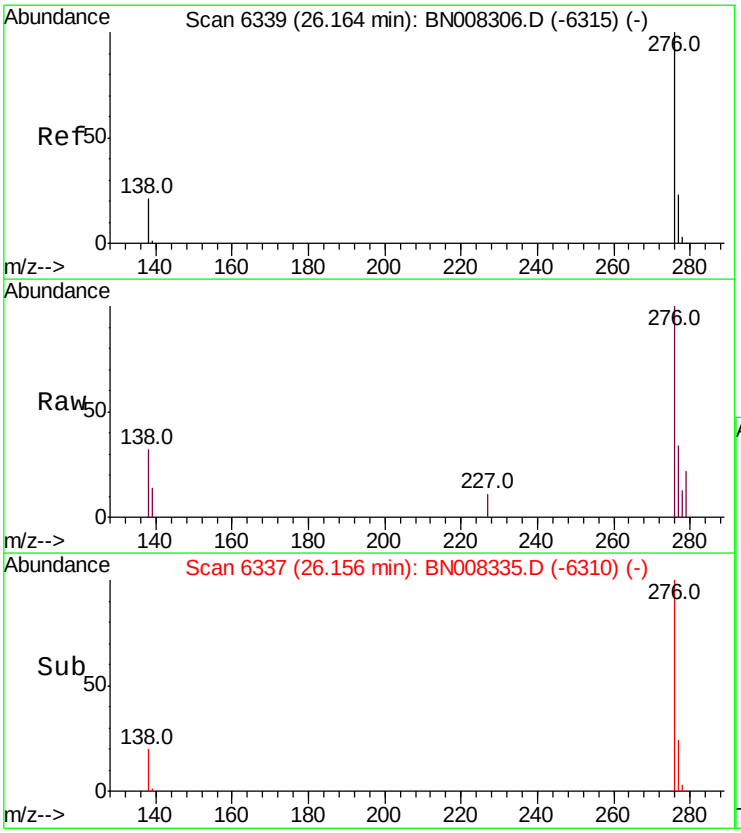
#25
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 704

Ion	Ratio	Lower	Upper
278	100		
139	48.6	15.0	22.6#
279	75.9	22.4	33.6#





#26
Benzo(g,h,i)perylene
Concen: 0.065 ng/ul
RT: 26.16 min Scan# 6337
Delta R.T. -0.01 min
Lab File: BN008335.D
Acq: 23 Oct 2019 03:56

Tgt Ion:276 Resp: 2310

Ion	Ratio	Lower	Upper
276	100		
138	32.2	17.0	25.4#
277	33.7	20.4	30.6#