Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008298.D
Acq On : 22 Oct 2019 00:13
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 22 00:49:22 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	7.59	152	1657	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8018	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5165	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	10333	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	9567	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	8177	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	5658	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	14361	0.40	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	9772	0.428	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	6665	0.426	ng/ul	100
7) Acenaphthylene	13.94	152	9998	0.406	ng/ul	99
8) Acenaphthene	14.29	153	7761	0.406	ng/ul	99
9) Fluorene	15.28	166	8617	0.397	ng/ul	98
11) Pentachlorophenol	16.65	266	1295	0.518	ng/ul	98
12) Phenanthrene	17.01	178	13429	0.444	ng/ul	100
13) Anthracene	17.11	178	12350	0.464	ng/ul	100
15) Fluoranthene	19.04	202	16439	0.411	ng/ul	95
17) Pyrene	19.40	202	17182	0.451	ng/ul	96
18) Benzo(a)anthracene	21.16	228	15096	0.434	ng/ul	99
19) Chrysene	21.21	228	17437	0.409	ng/ul	100
21) Benzo(b)fluoranthene	22.70	252	13760	0.517	ng/ul	96
22) Benzo(k)fluoranthene	22.74	252	15371	0.510	ng/ul	99
23) Benzo(a)pyrene	23.25	252	13487	0.481	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.50	276	13390	0.406	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.51	278	10869	0.417	ng/ul	99
26) Benzo(g,h,i)perylene	26.15	276	11633	0.385	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008298.D
Acq On : 22 Oct 2019 00:13
Operator : JU
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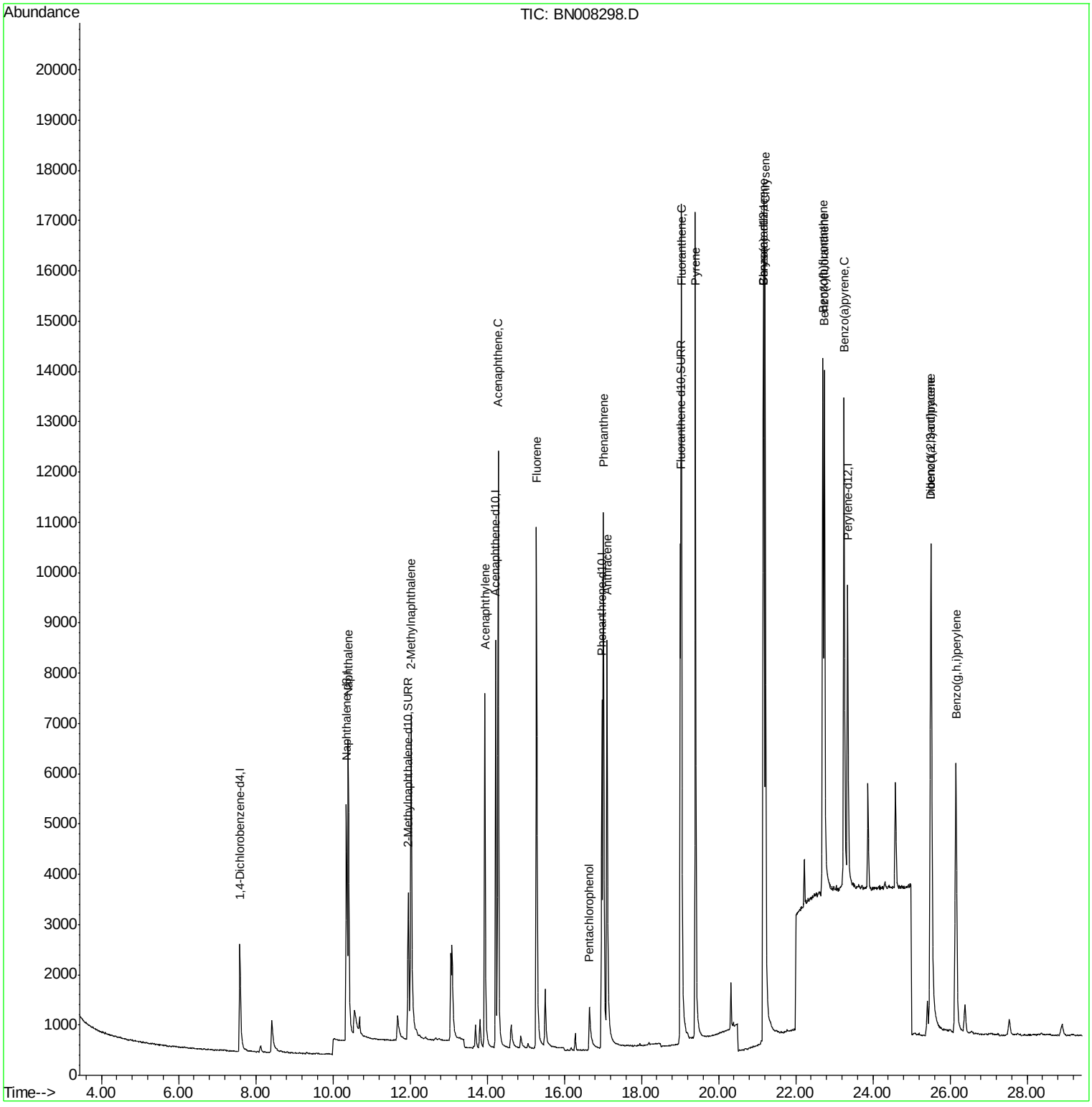
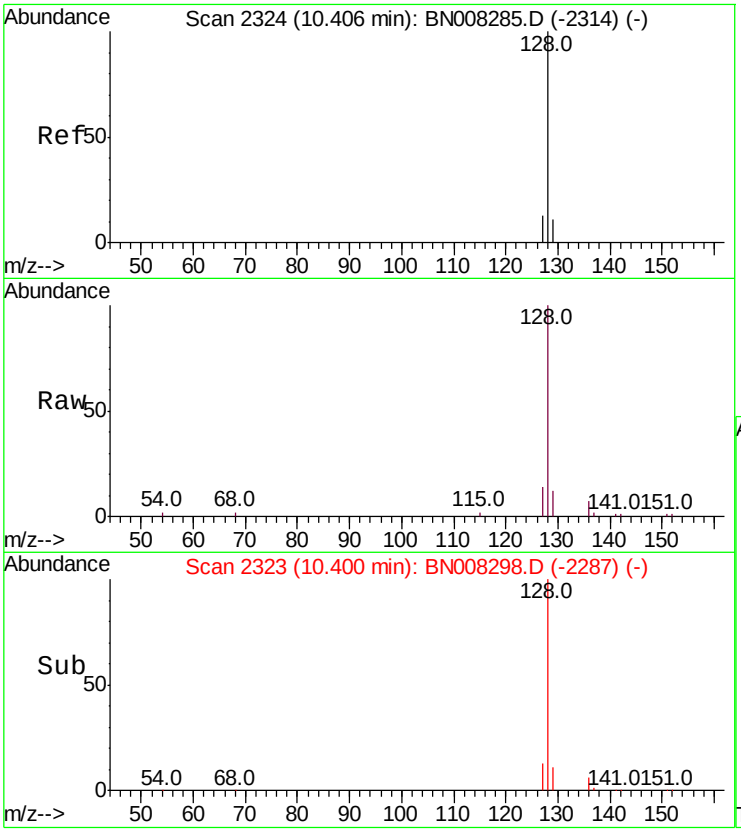
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 22 00:49:22 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



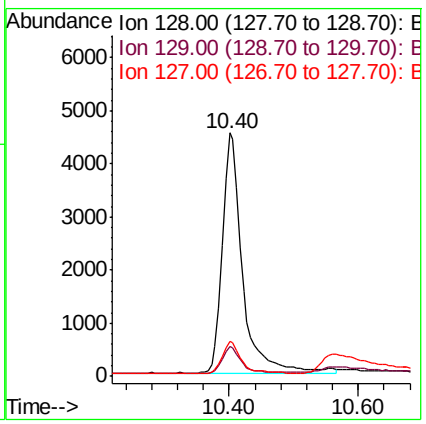


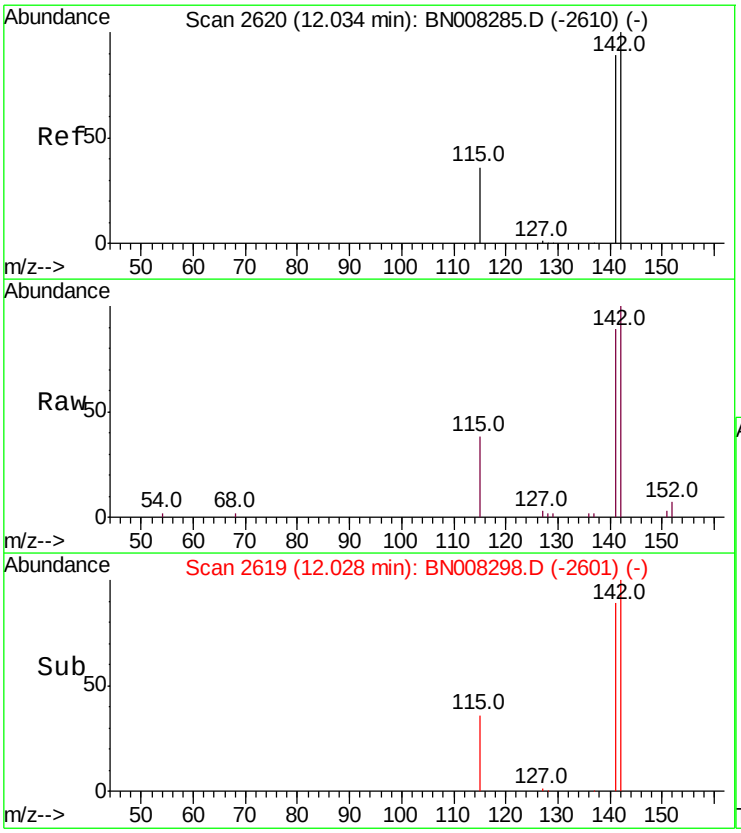
#3
Naphthalene
Concen: 0.428 ng/ul
RT: 10.40 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 9772

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.8
127	14.2	11.1	16.7

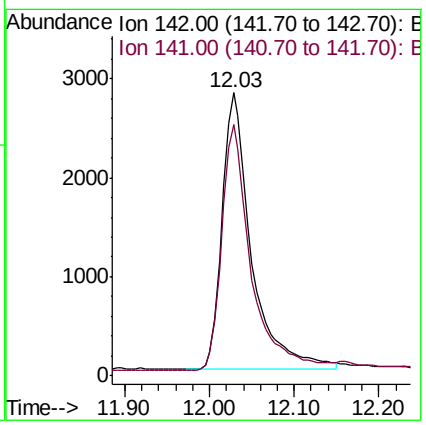


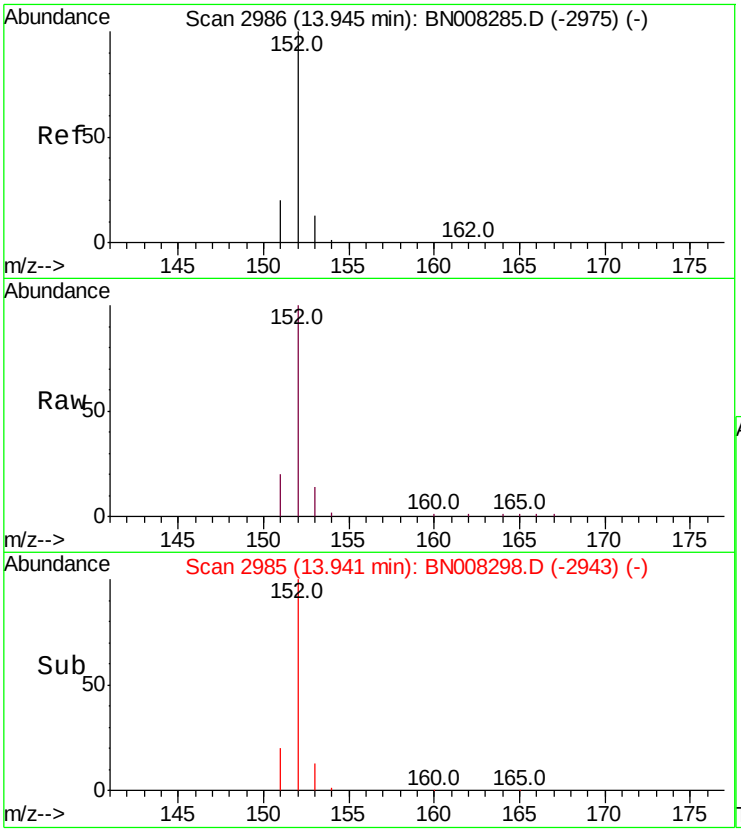


#5
2-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.03 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Tgt Ion:142 Resp: 6665

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2



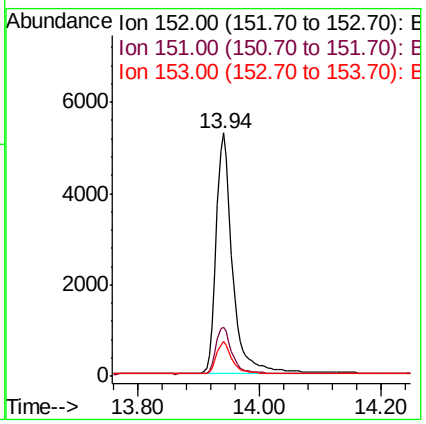


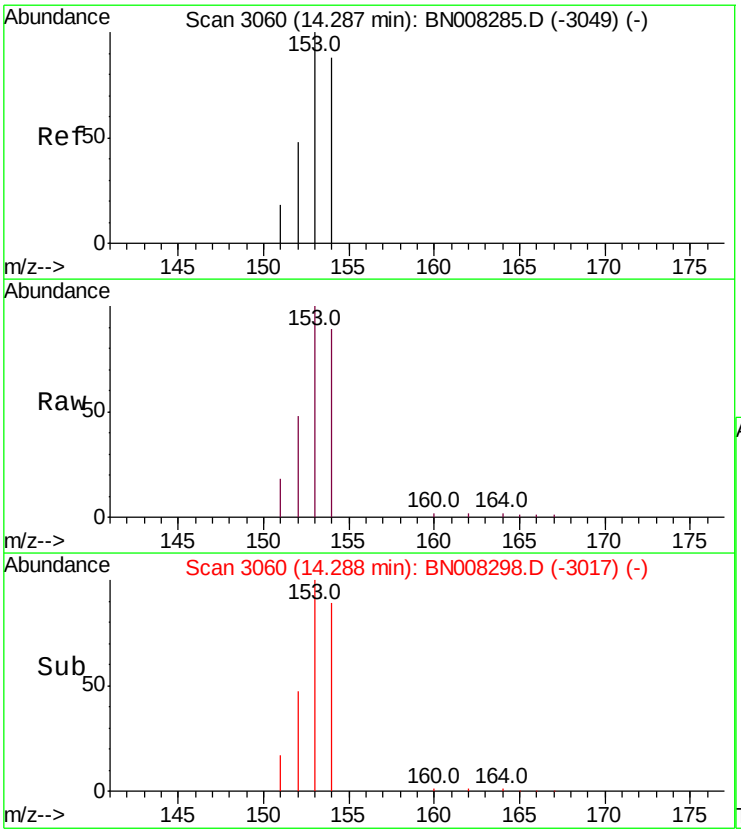
#7
Acenaphthylene
Concen: 0.406 ng/ul
RT: 13.94 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9998

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	14.1	11.0	16.4

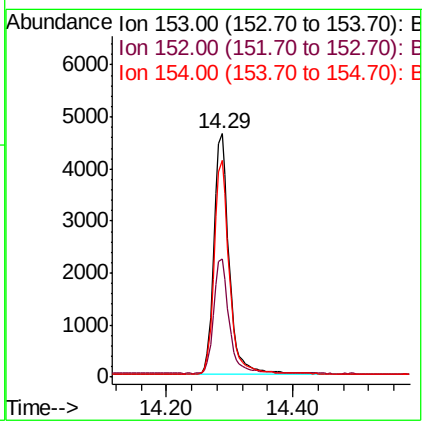


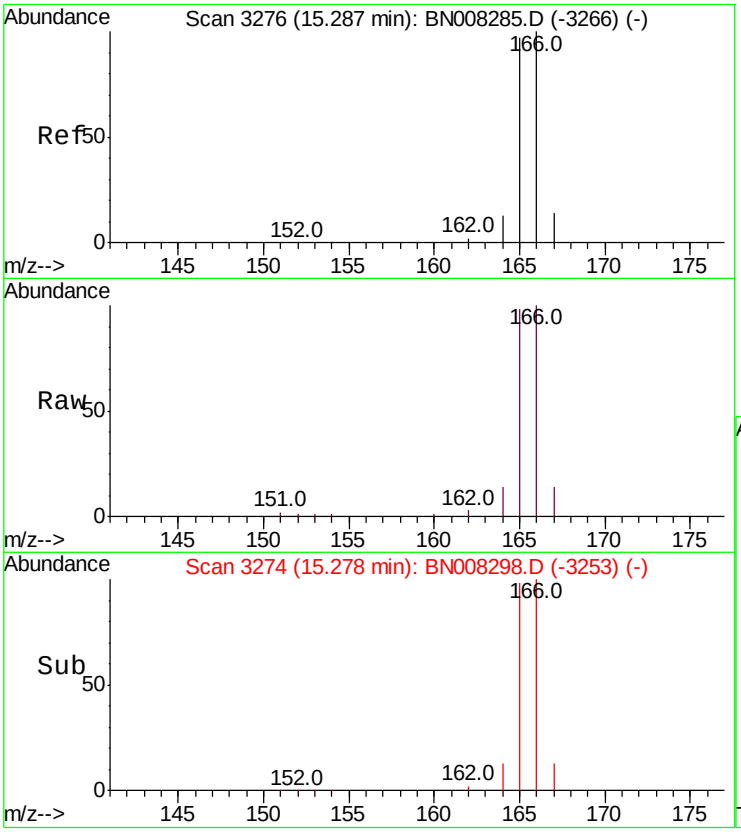


#8
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.29 min Scan# 3060
Delta R.T. 0.00 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Tgt Ion:153 Resp: 7761

Ion	Ratio	Lower	Upper
153	100		
152	48.4	38.2	57.2
154	89.0	71.8	107.8



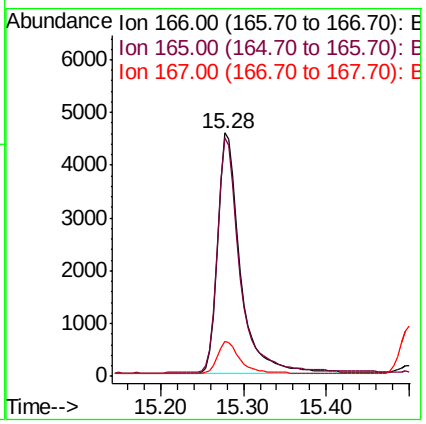


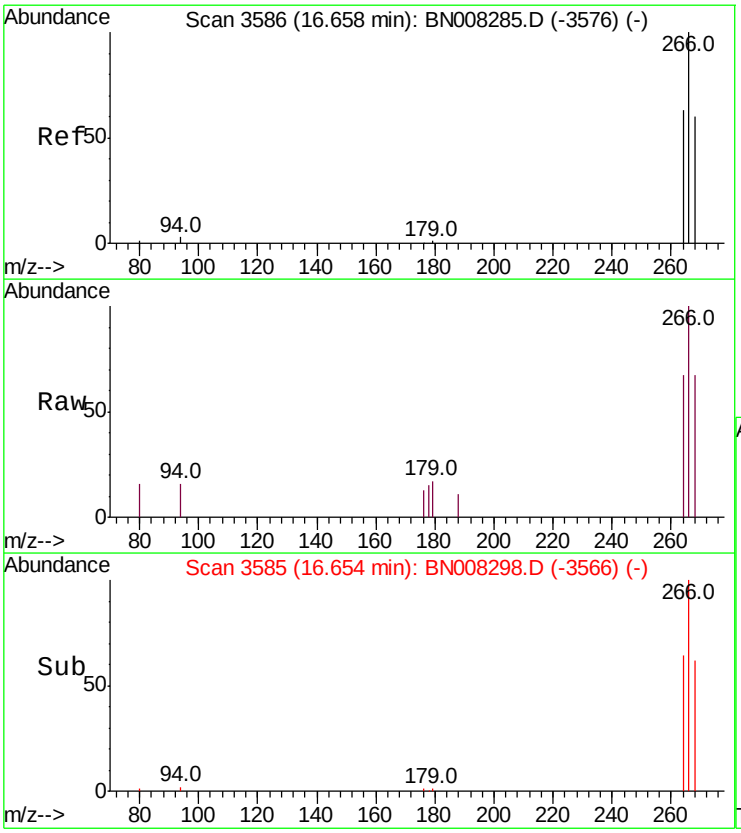
#9
Fluorene
Concen: 0.397 ng/ul
RT: 15.28 min Scan# 3274
Delta R.T. -0.00 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 8617

Ion	Ratio	Lower	Upper
166	100		
165	98.1	76.6	115.0
167	14.4	11.7	17.5

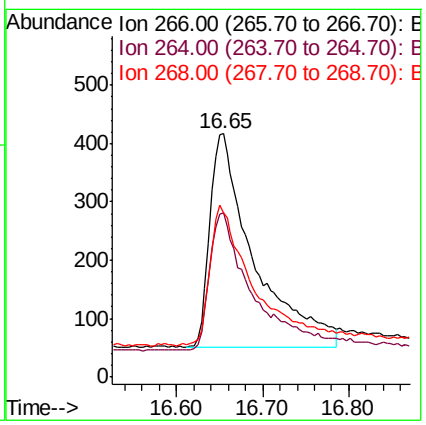


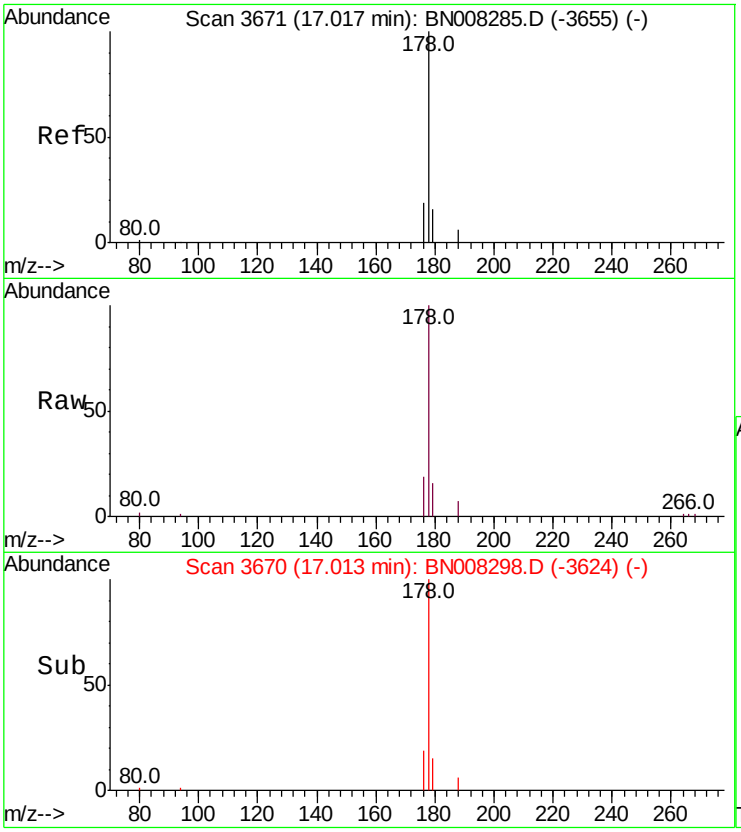


#11
Pentachlorophenol
Concen: 0.518 ng/ul
RT: 16.65 min Scan# 3585
Delta R.T. -0.02 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Tgt Ion:266 Resp: 1295

Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.1	75.1
268	66.9	51.9	77.9



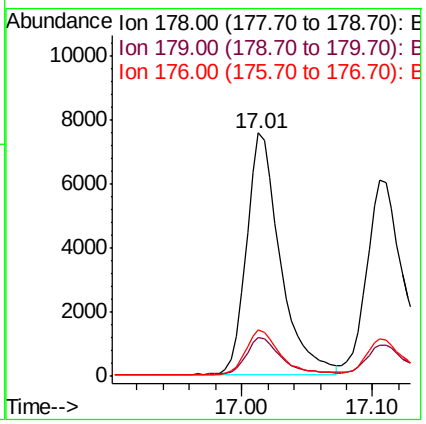


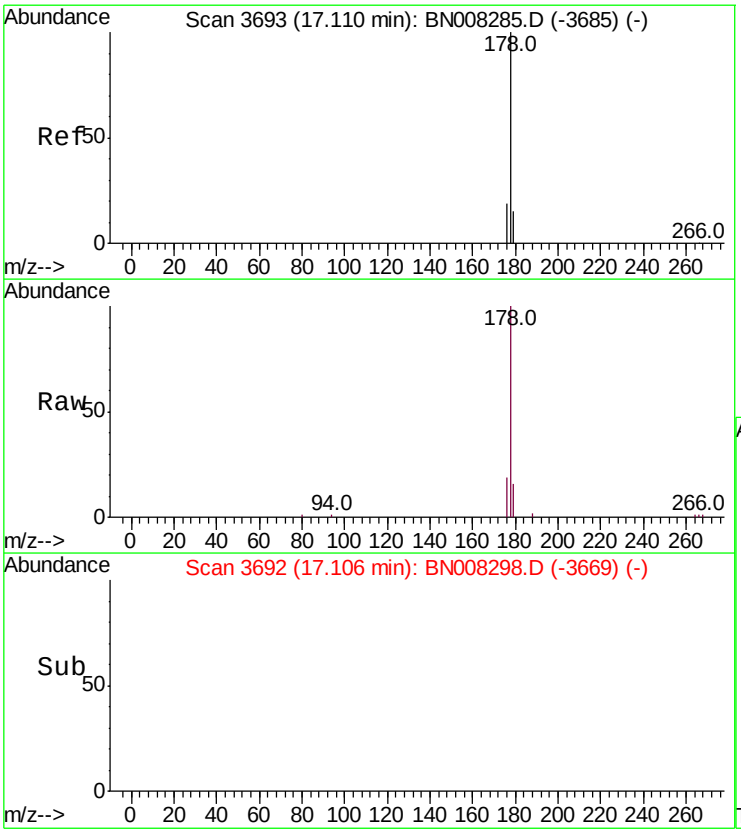
#12
Phenanthrene
Concen: 0.444 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 13429

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.3	15.4	23.2

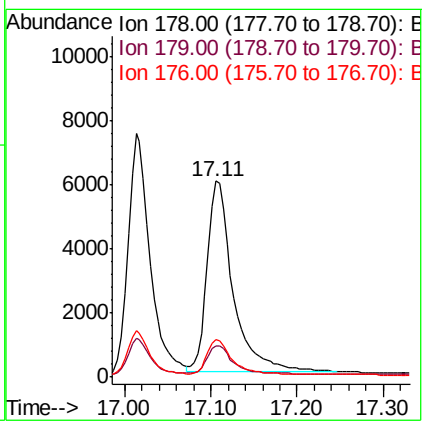


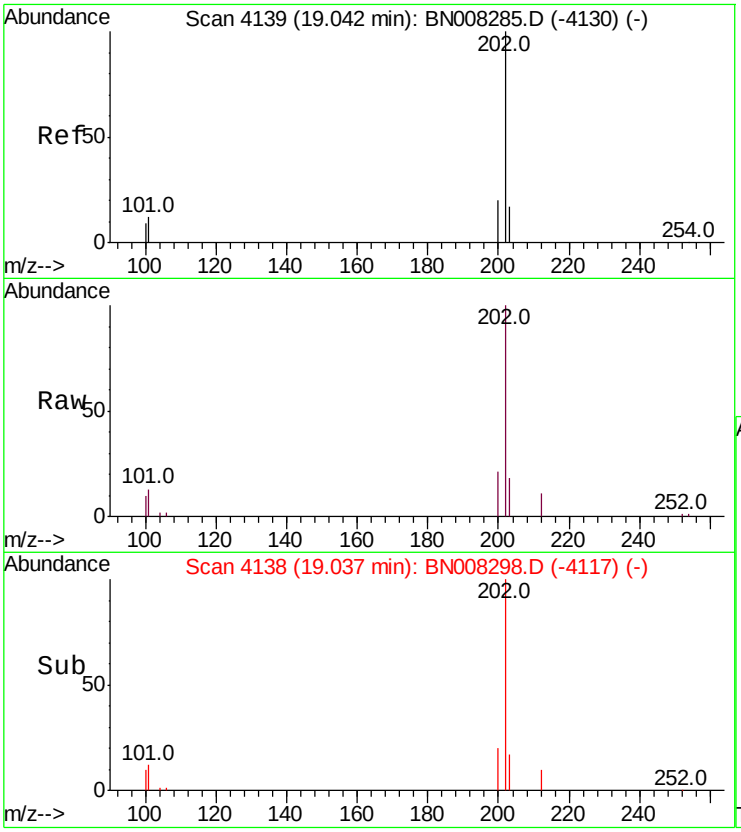


#13
Anthracene
Concen: 0.464 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Tgt Ion:178 Resp: 12350

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	18.9	15.0	22.6



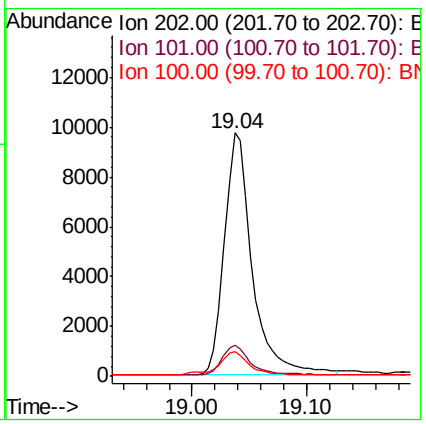


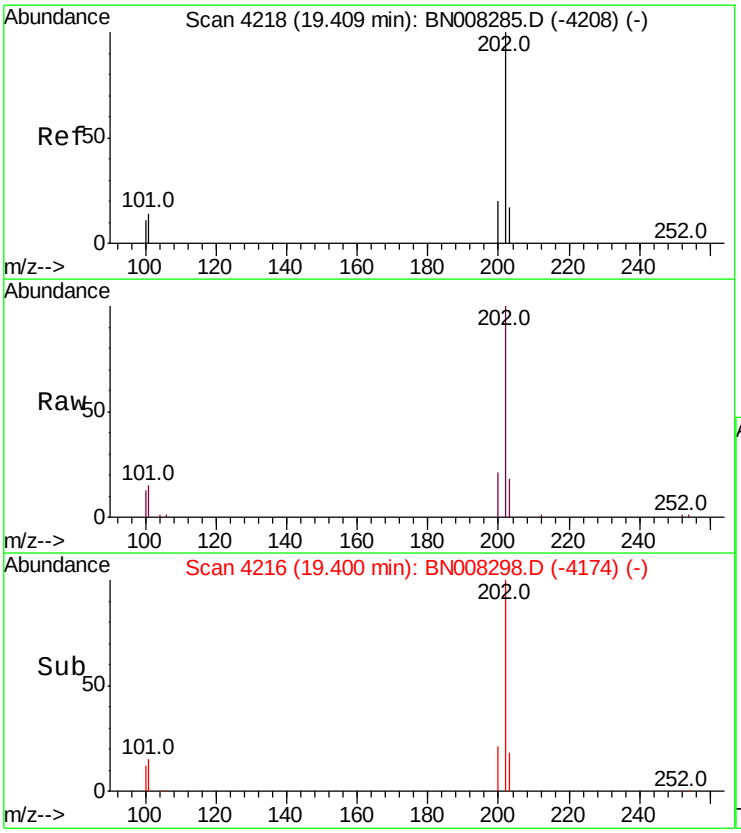
#15
Fluoranthene
Concen: 0.411 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 16439

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.2
100	10.2	0.0	28.5

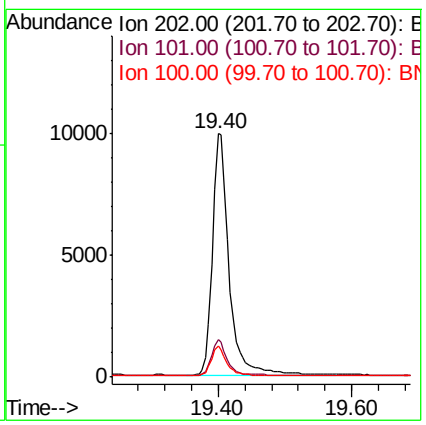


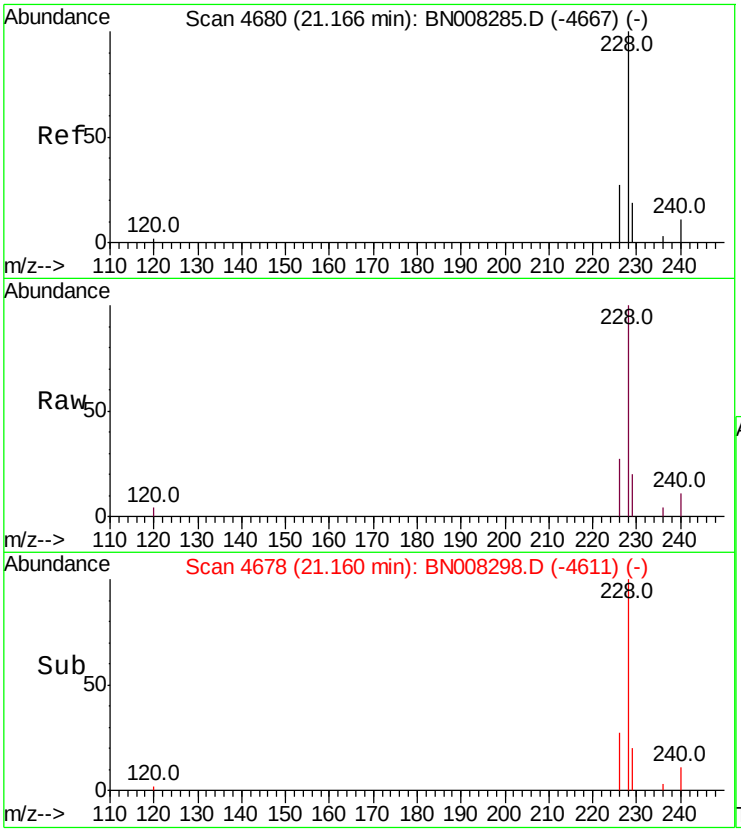


#17
Pyrene
Concen: 0.451 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Tgt Ion:202 Resp: 17182

Ion	Ratio	Lower	Upper
202	100		
101	15.5	10.9	16.3
100	12.6	8.7	13.1



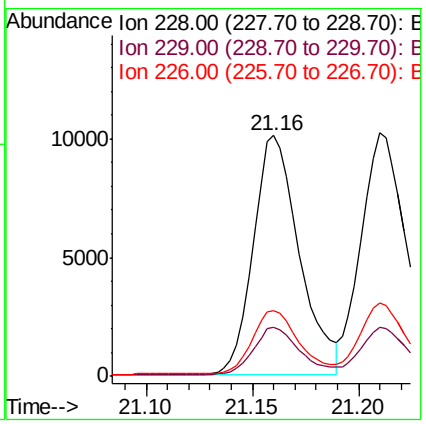


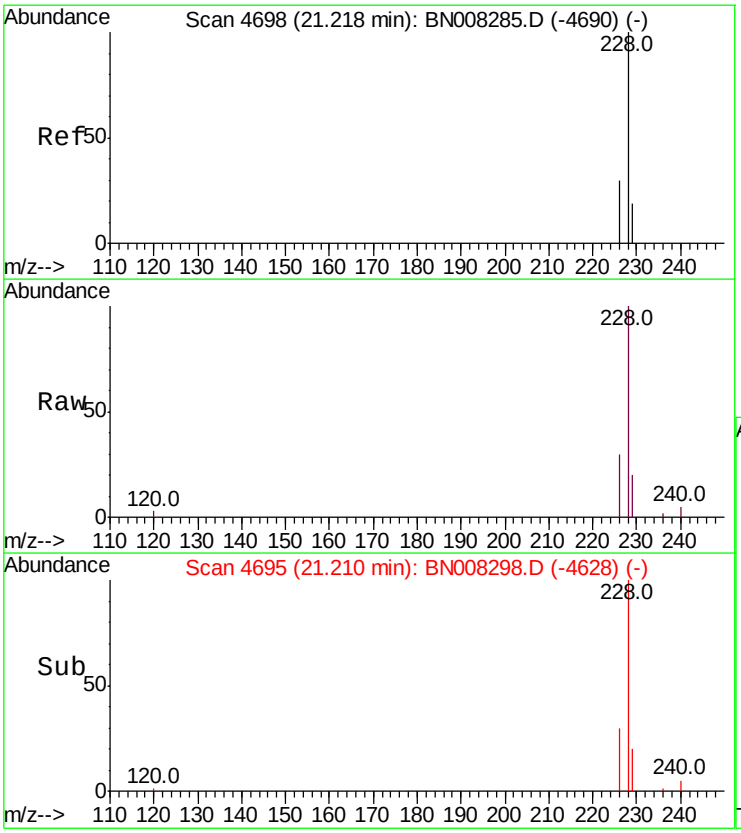
#18
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 15096

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.2
226	27.4	21.4	32.0

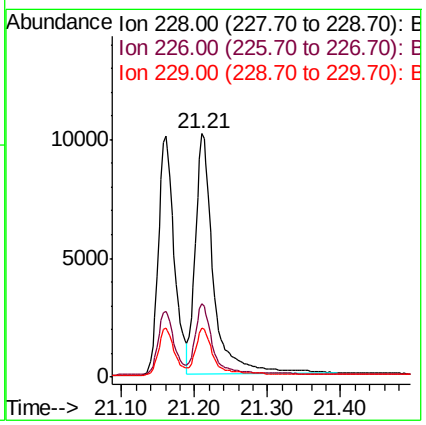


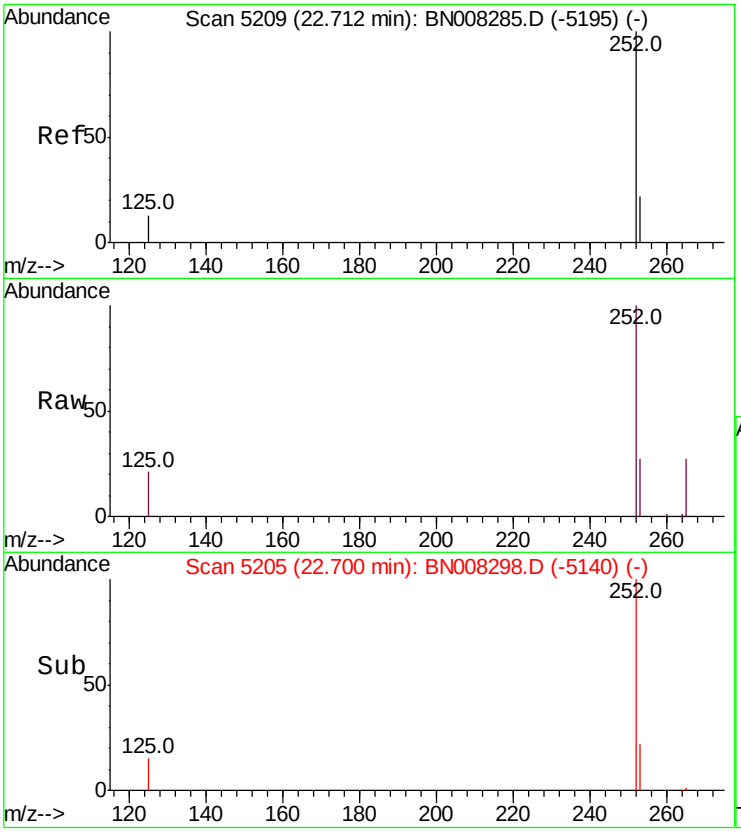


#19
Chrysene
Concen: 0.409 ng/ul
RT: 21.21 min Scan# 4695
Delta R.T. -0.01 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Tgt Ion:228 Resp: 17437

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	20.2	16.2	24.2



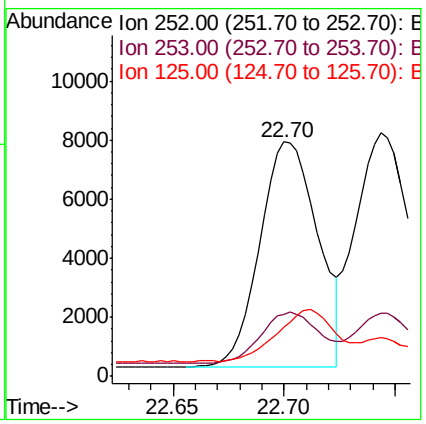


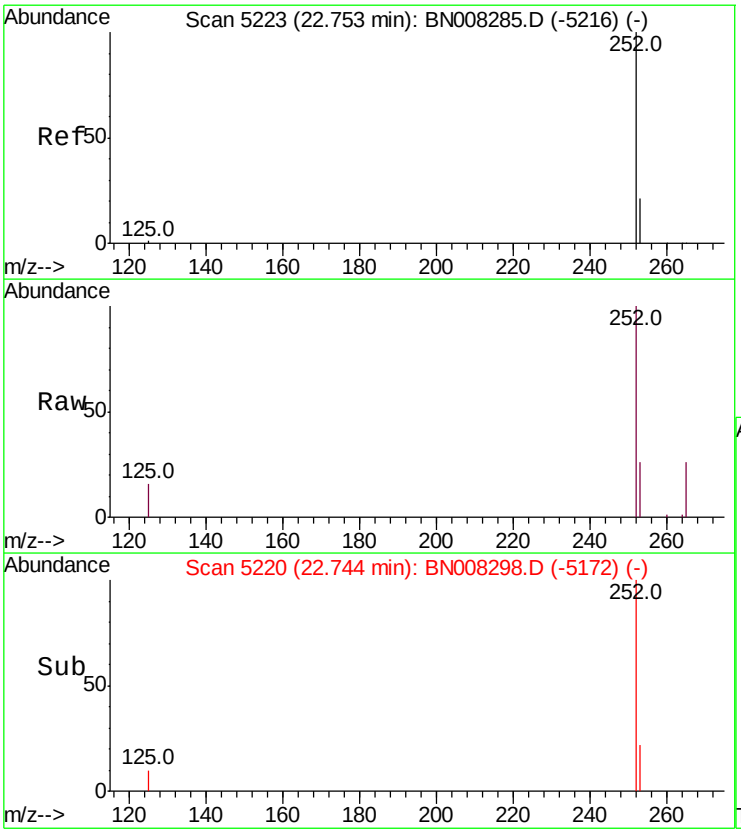
#21
Benzo(b)fluoranthene
Concen: 0.517 ng/ul
RT: 22.70 min Scan# 5205
Delta R.T. -0.01 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 13760

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	53.4
125	20.7	0.0	32.4

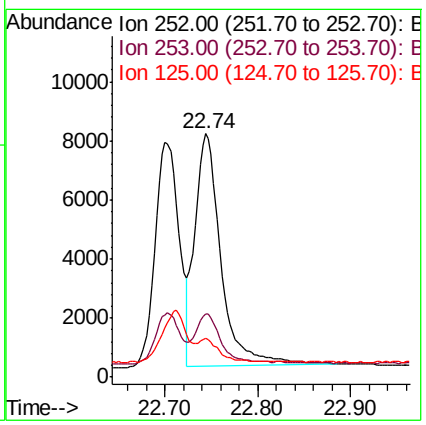


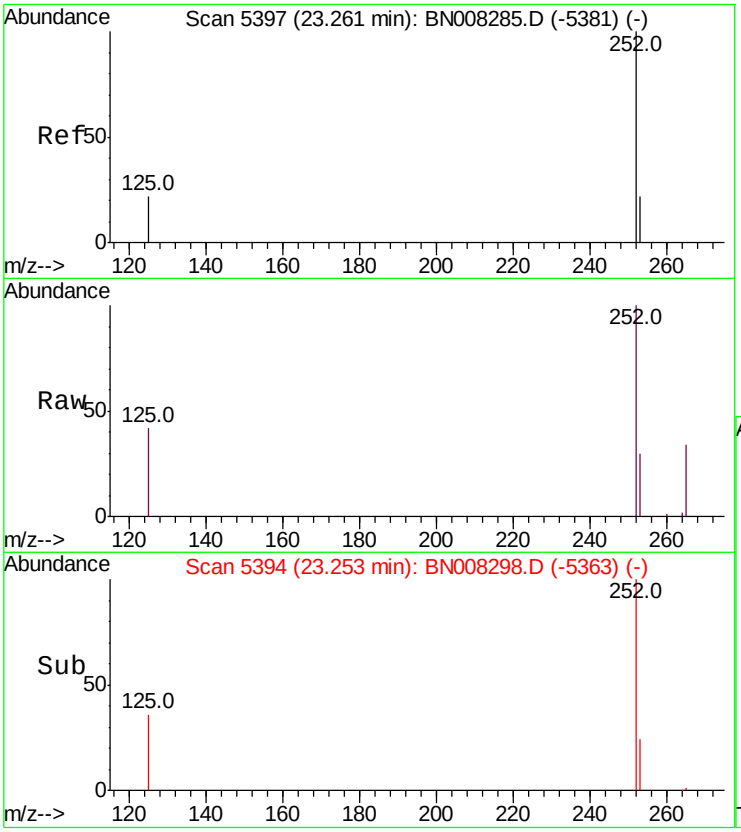


#22
Benzo(k)fluoranthene
Concen: 0.510 ng/ul
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Tgt Ion:252 Resp: 15371

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.3	31.9
125	15.7	12.3	18.5



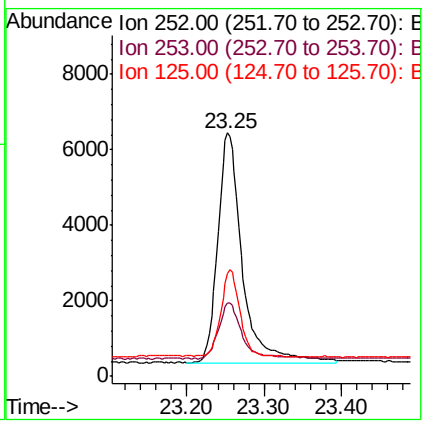


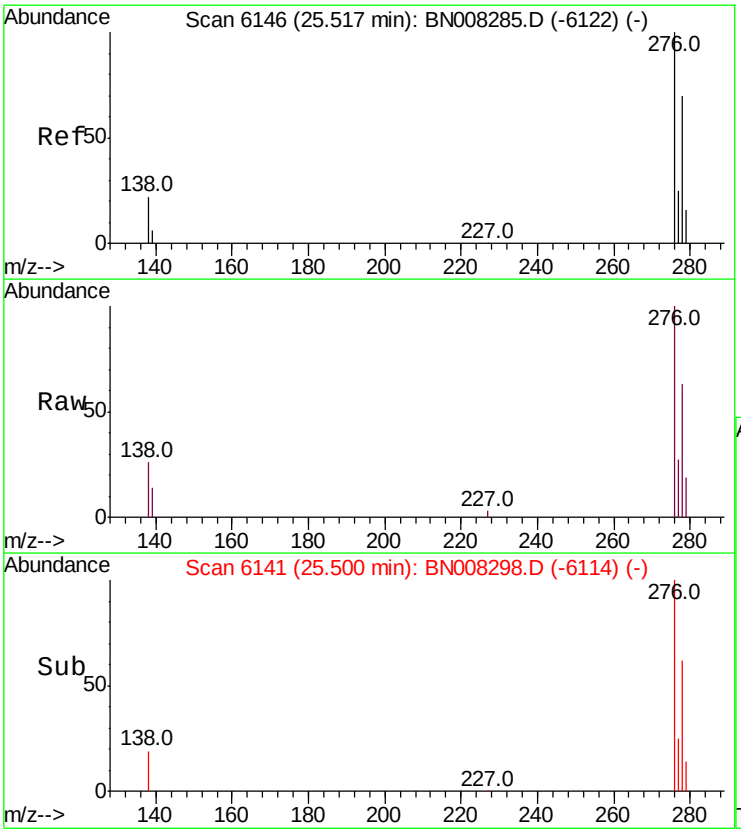
#23
Benzo(a)pyrene
Concen: 0.481 ng/ul
RT: 23.25 min Scan# 5394
Delta R.T. -0.01 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 13487

Ion	Ratio	Lower	Upper
252	100		
253	29.9	22.8	34.2
125	42.0	18.4	27.6#

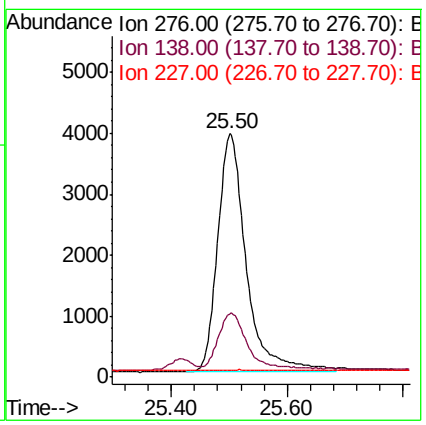


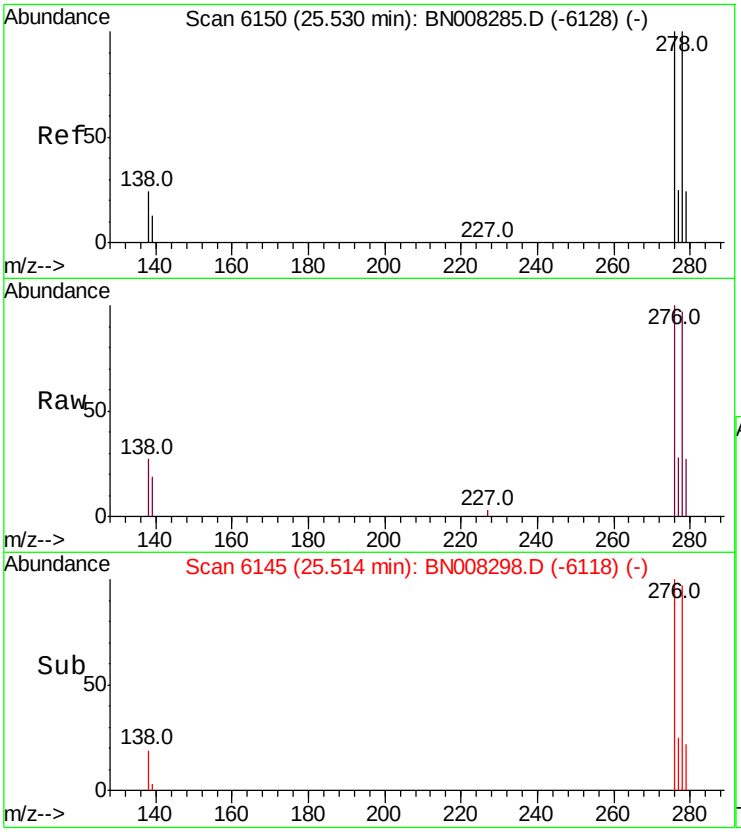


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 25.50 min Scan# 6141
Delta R.T. -0.01 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Tgt Ion:276 Resp: 13390

Ion	Ratio	Lower	Upper
276	100		
138	22.7	16.1	24.1
227	0.2	0.2	0.2#



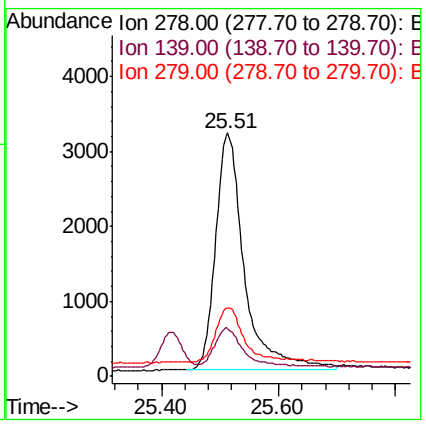


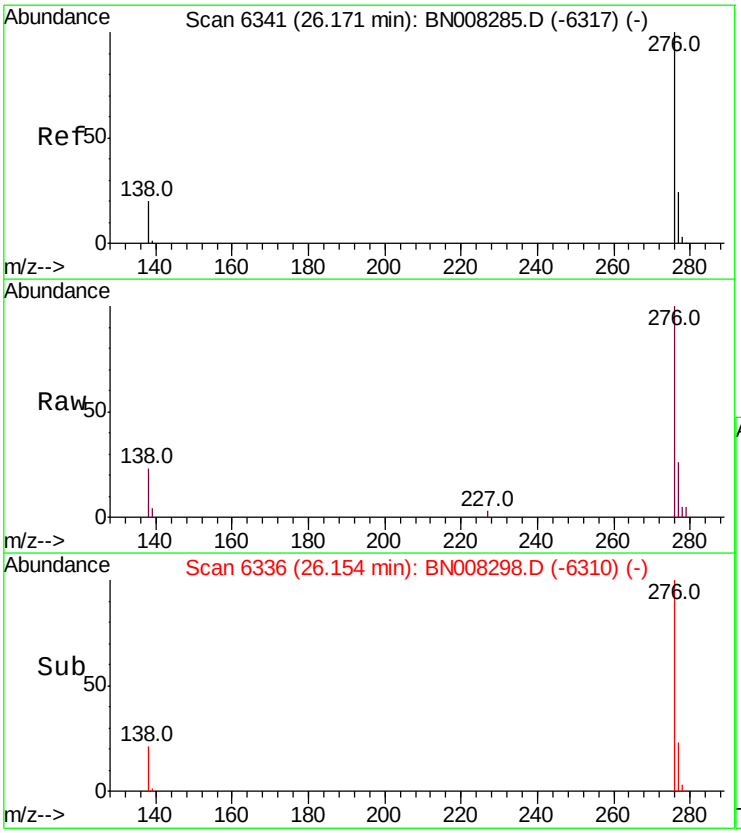
#25
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.01 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 10869

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.0	22.6
279	28.3	22.4	33.6





#26
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 26.15 min Scan# 6336
Delta R.T. -0.01 min
Lab File: BN008298.D
Acq: 22 Oct 2019 00:13

Tgt Ion:276 Resp: 11633

Ion	Ratio	Lower	Upper
276	100		
138	23.5	17.0	25.4
277	25.5	20.4	30.6