Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\
Data File : BN008448.D
Acq On : 05 Nov 2019 15:48
Operator : JU
Sample : SSTD0.404
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Nov 07 10:51:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 10:46:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1337	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	5602	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	3402	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	6506	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	4965	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	4396	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	3496	0.37	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	7855	0.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.37	128	6317	0.396	ng/ul	100
5) 2-Methylnaphthalene	12.00	142	4194	0.383	ng/ul	100
7) Acenaphthylene	13.91	152	5810	0.359	ng/ul	100
8) Acenaphthene	14.26	153	4759	0.378	ng/ul	100
9) Fluorene	15.25	166	5198	0.363	ng/ul	100
11) Pentachlorophenol	16.62	266	547	0.348	ng/ul	100
12) Phenanthrene	16.99	178	7971	0.418	ng/ul	100
13) Anthracene	17.09	178	6871	0.410	ng/ul	100
15) Fluoranthene	19.02	202	9181	0.365	ng/ul	100
17) Pyrene	19.39	202	9498	0.480	ng/ul	100
18) Benzo(a)anthracene	21.15	228	6748	0.374	ng/ul	100
19) Chrysene	21.20	228	8839	0.399	ng/ul	100
21) Benzo(b)fluoranthene	22.69	252	6699	0.468	ng/ul	100
22) Benzo(k)fluoranthene	22.73	252	7369	0.455	ng/ul	100
23) Benzo(a)pyrene	23.24	252	6620	0.440	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.48	276	7398	0.417	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.50	278	5821	0.415	ng/ul	100
26) Benzo(g,h,i)perylene	26.13	276	6656	0.409	ng/ul	100

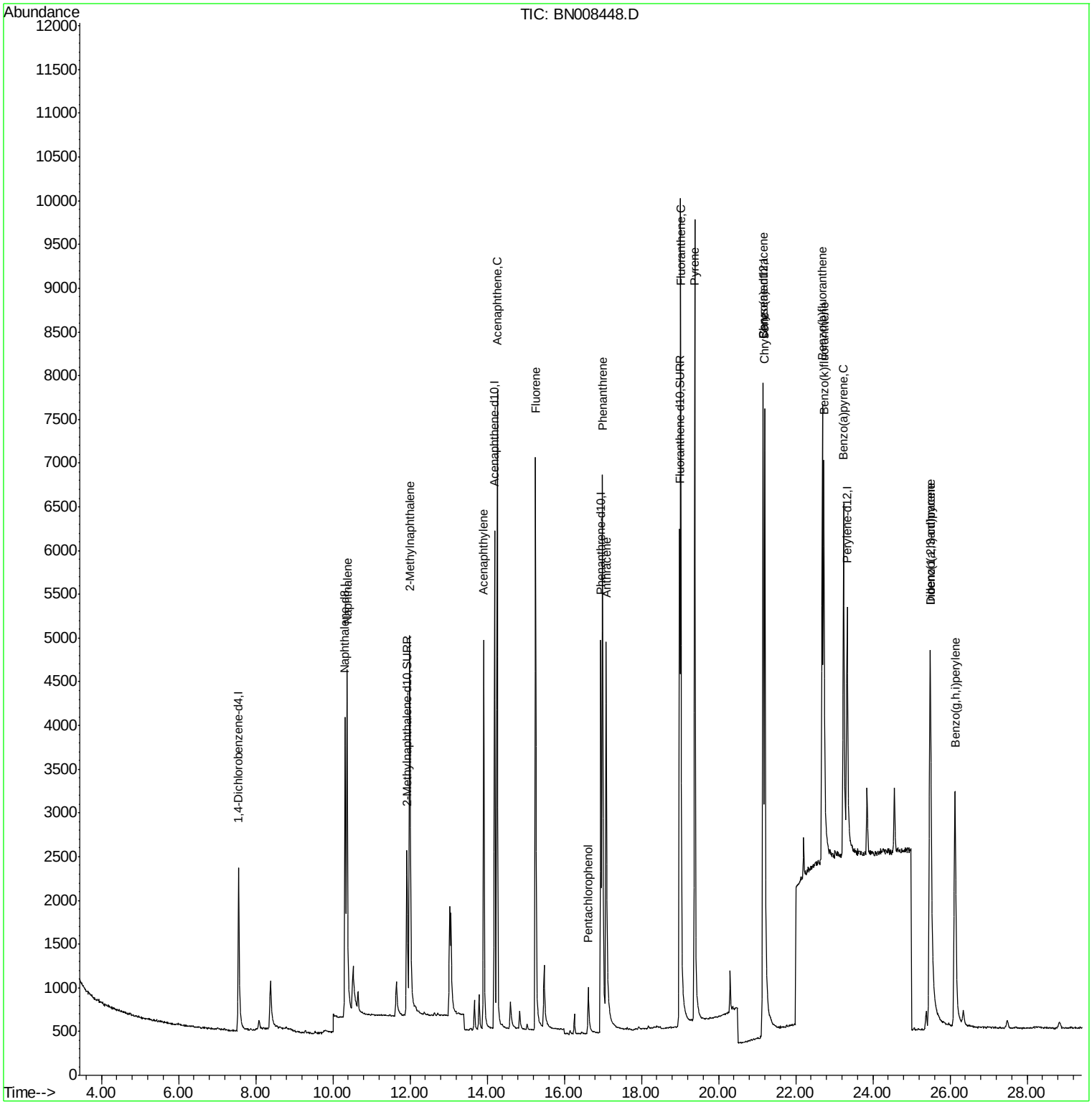
(#) = qualifier out of range (m) = manual integration (+) = signals summed

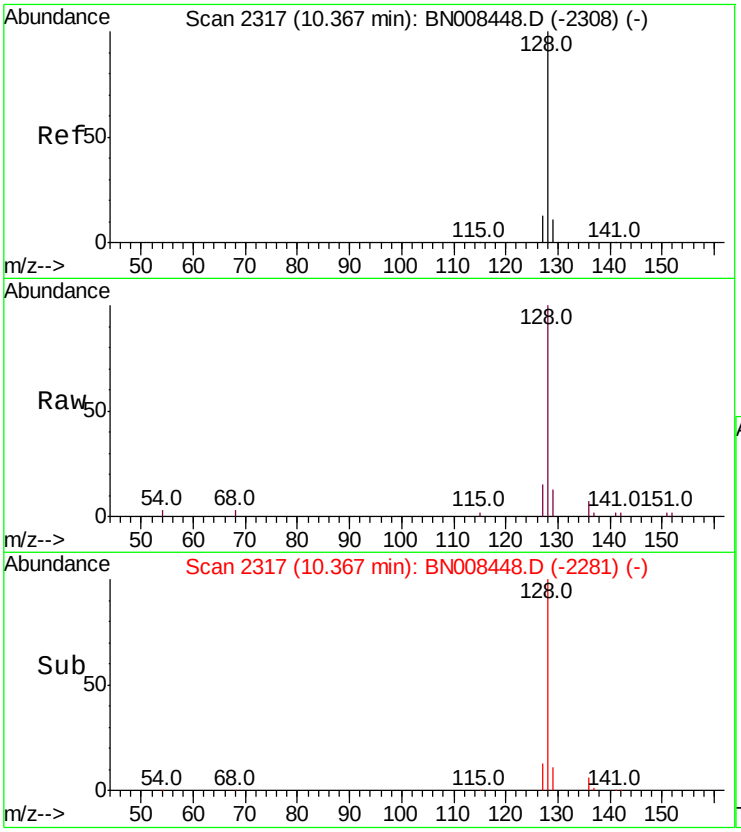
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\
Data File : BN008448.D
Acq On : 05 Nov 2019 15:48
Operator : JU
Sample : SSTD0.404
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 07 10:51:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 10:46:19 2019
Response via : Initial Calibration



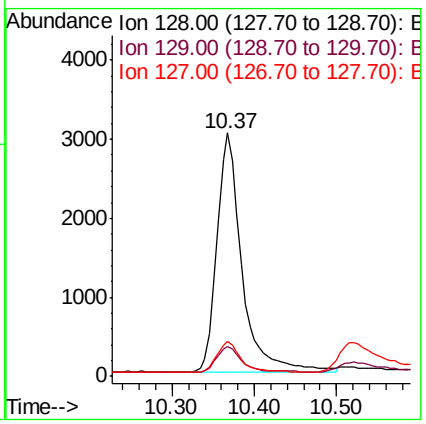


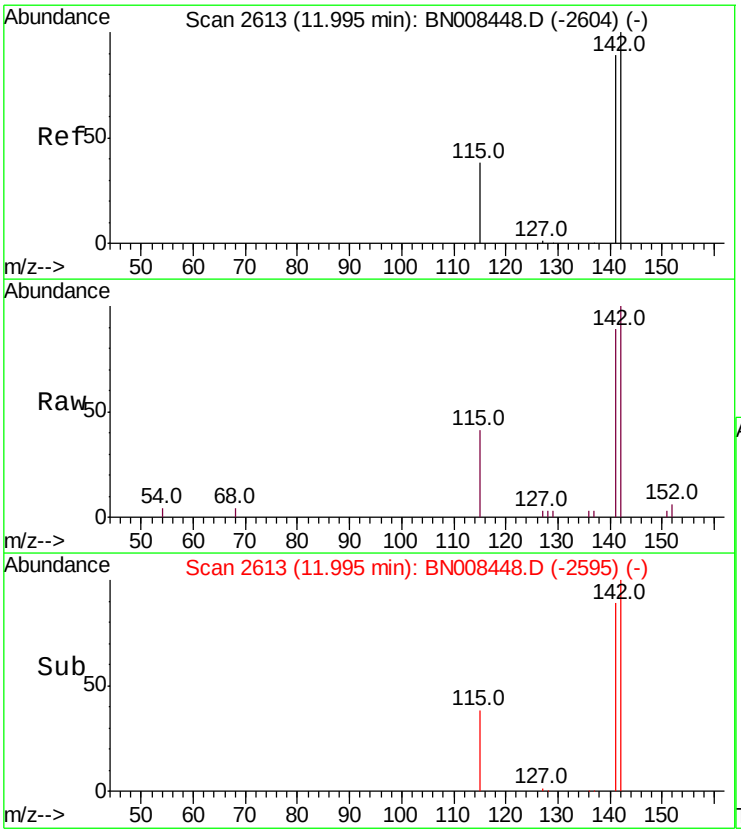
#3
Naphthalene
Concen: 0.396 ng/ul
RT: 10.37 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6317

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.0	15.0
127	14.5	11.6	17.4

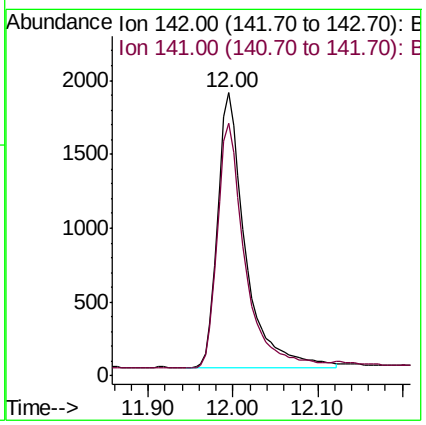


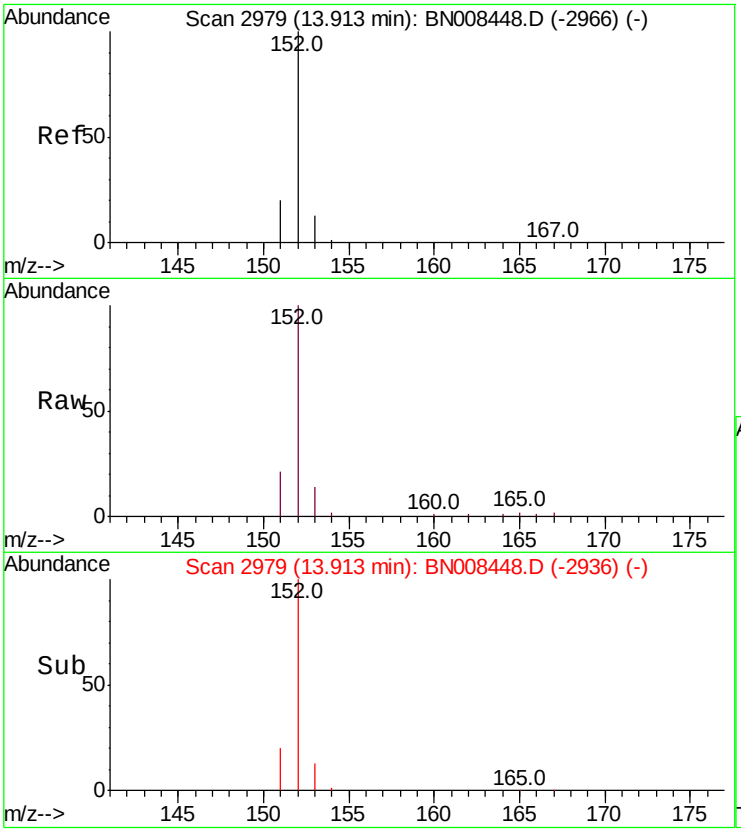


#5
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.00 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Tgt Ion:142 Resp: 4194

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.8	109.2



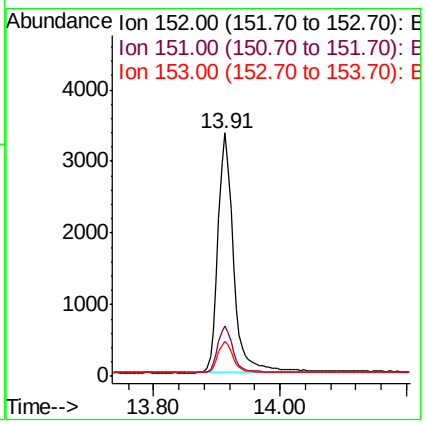


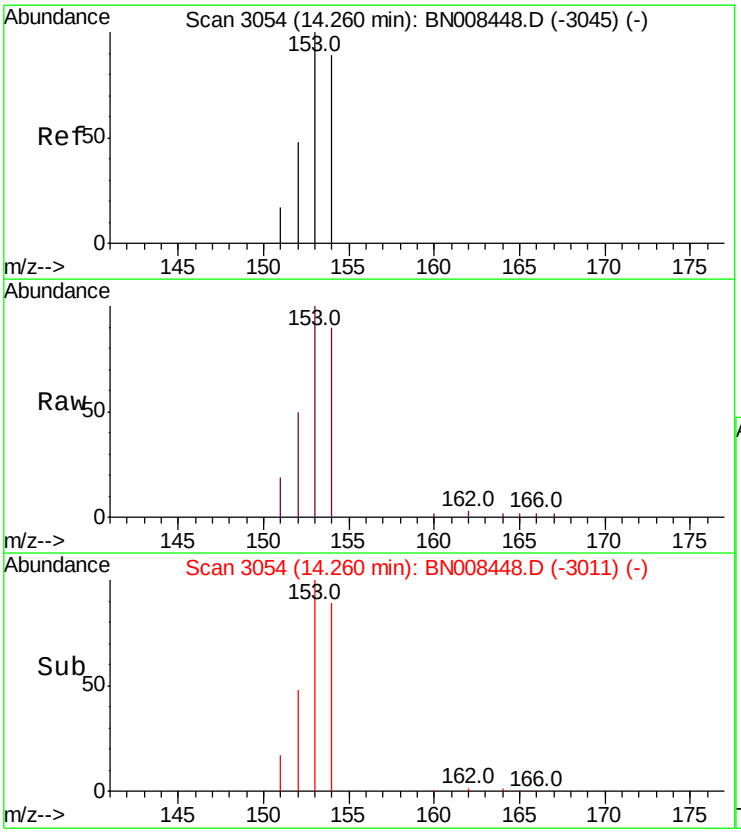
#7
Acenaphthylene
Concen: 0.359 ng/ul
RT: 13.91 min Scan# 2979
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5810

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	14.3	11.4	17.2

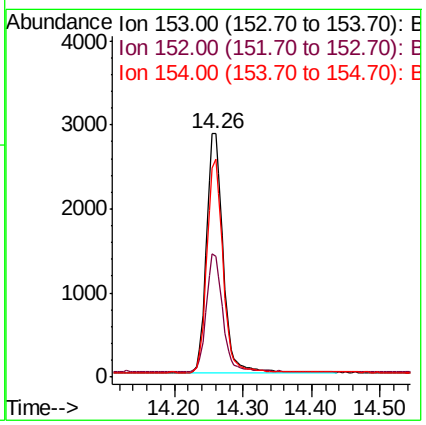


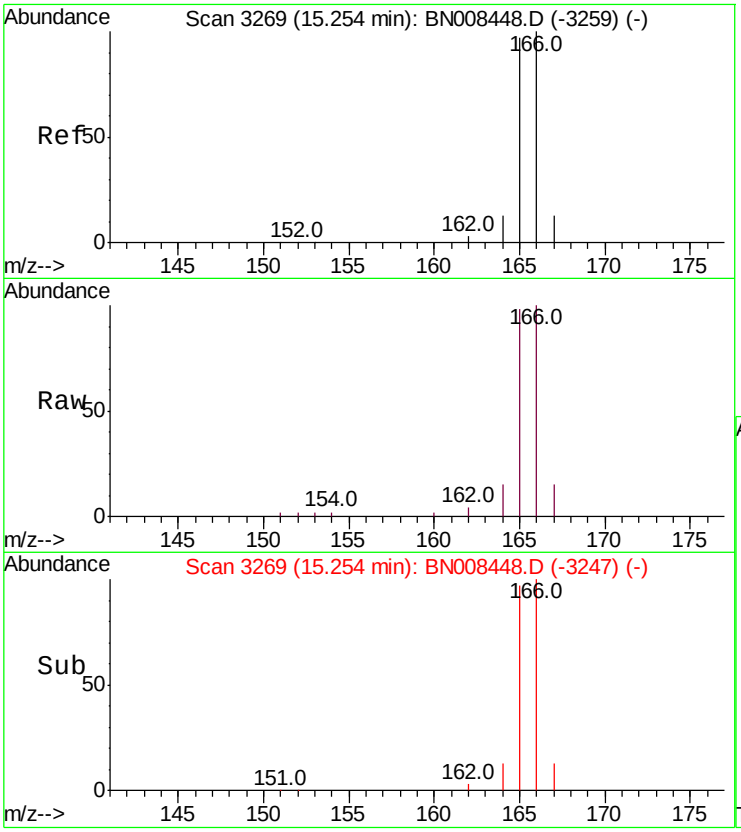


#8
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.26 min Scan# 3054
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Tgt Ion:153 Resp: 4759

Ion	Ratio	Lower	Upper
153	100		
152	49.8	39.8	59.8
154	89.5	71.6	107.4



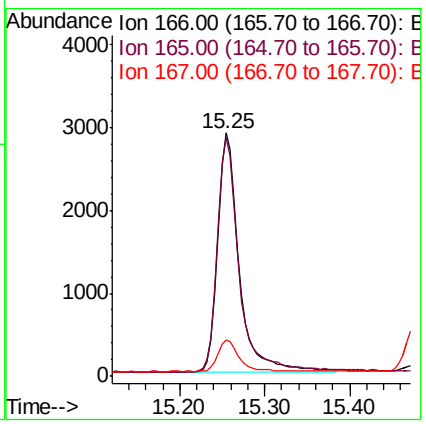


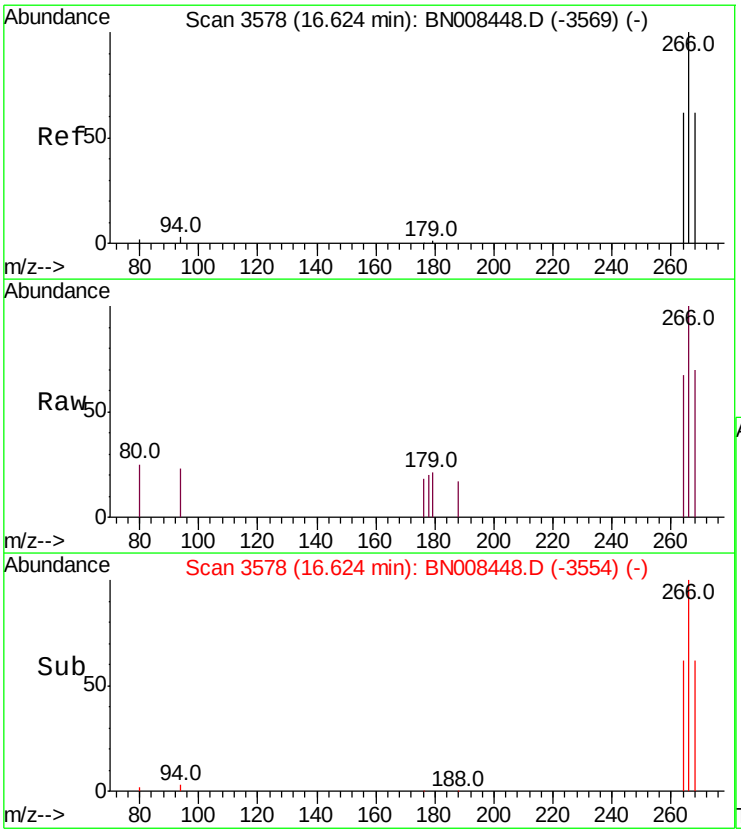
#9
Fluorene
Concen: 0.363 ng/ul
RT: 15.25 min Scan# 3269
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 5198

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.2
167	15.1	12.1	18.1

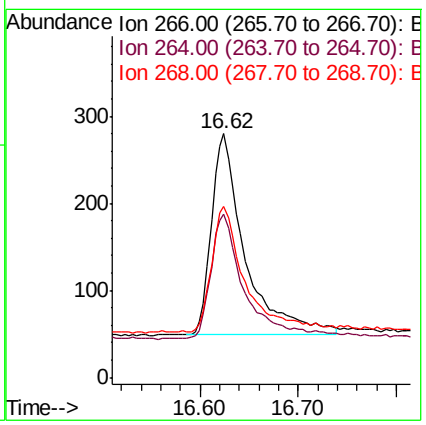


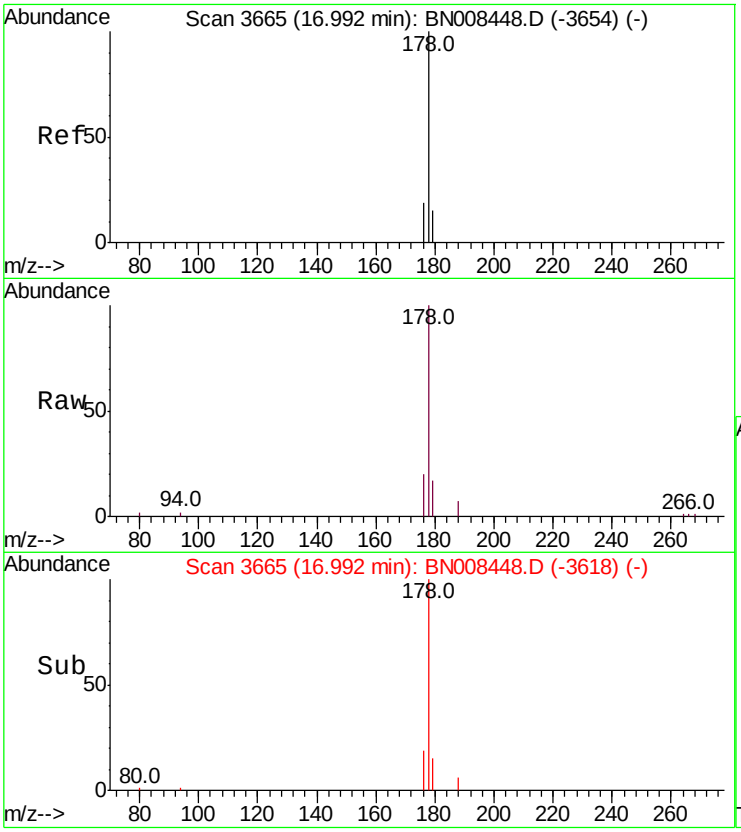


#11
Pentachlorophenol
Concen: 0.348 ng/ul
RT: 16.62 min Scan# 3578
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Tgt Ion:266 Resp: 547

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.8	74.8
268	63.8	51.0	76.6



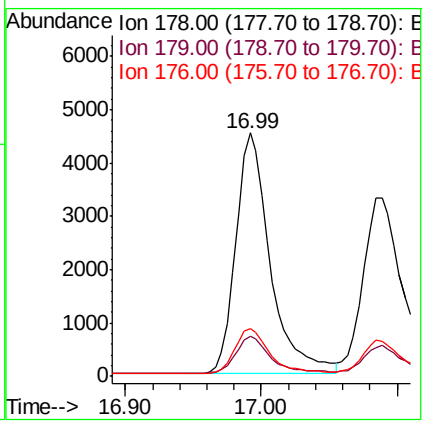


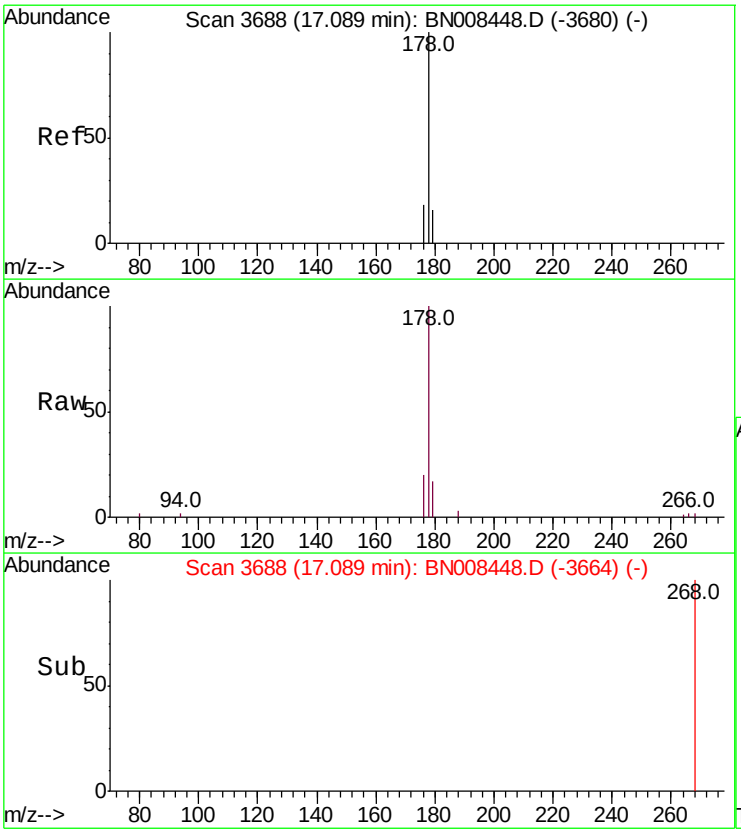
#12
Phenanthrene
Concen: 0.418 ng/ul
RT: 16.99 min Scan# 3665
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 7971

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.2	19.8
176	19.5	15.6	23.4

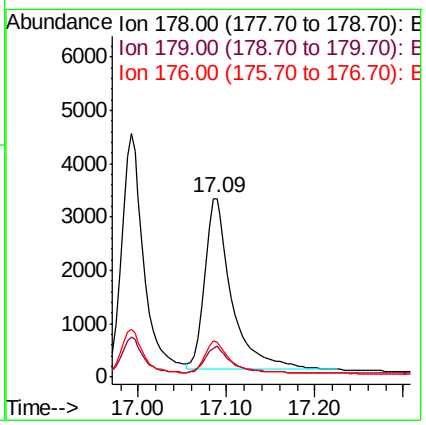


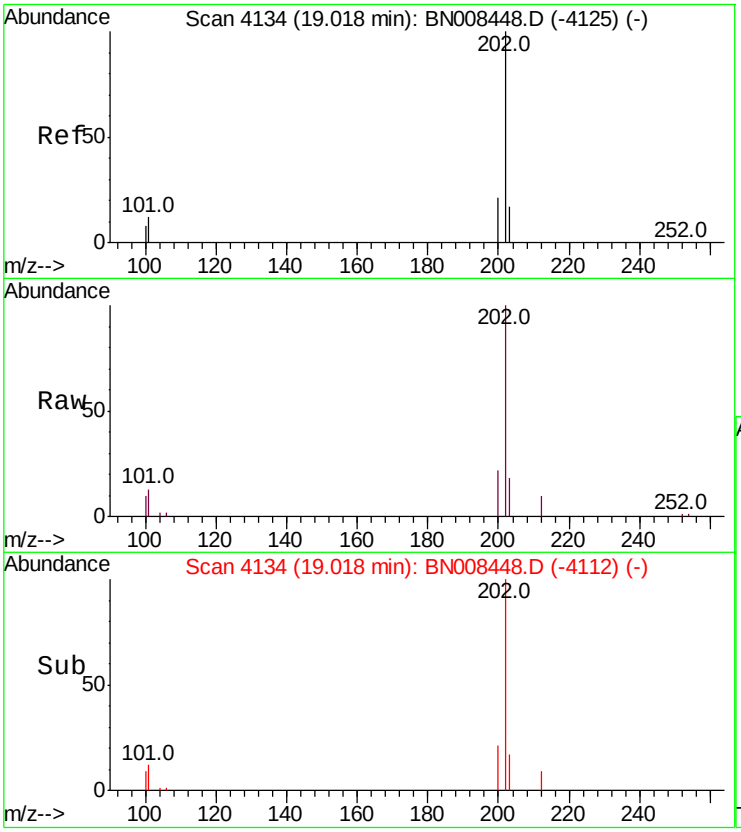


#13
Anthracene
Concen: 0.410 ng/ul
RT: 17.09 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Tgt Ion:178 Resp: 6871

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.7	20.5
176	19.6	15.7	23.5



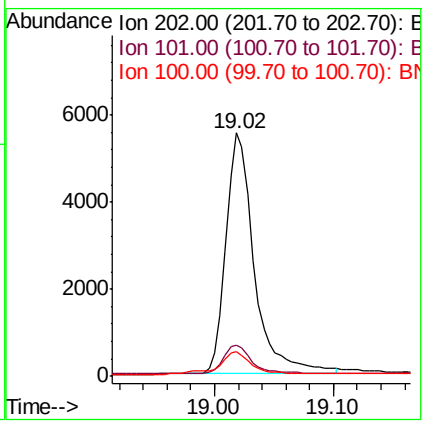


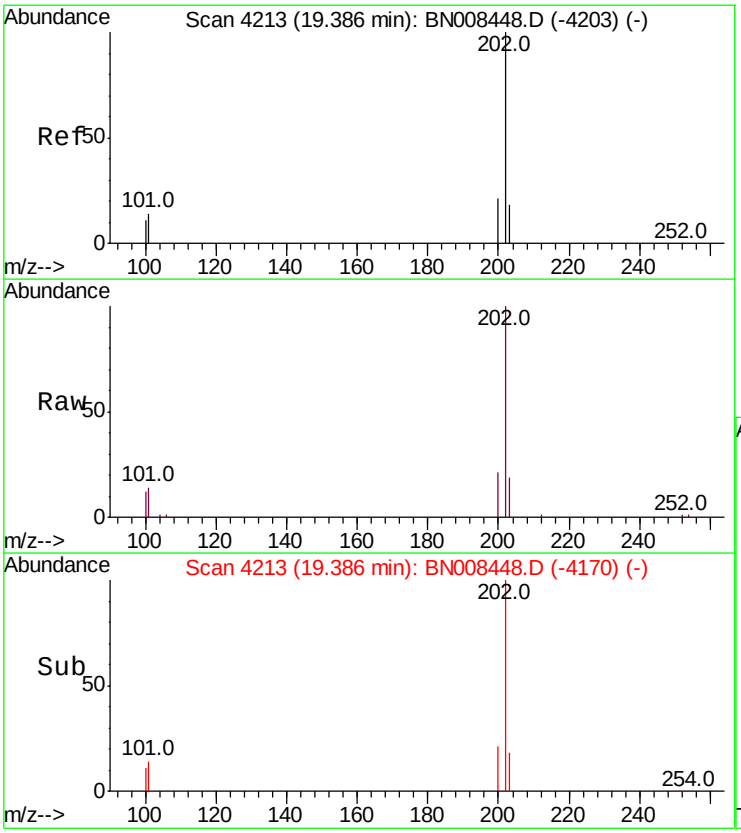
#15
Fluoranthene
Concen: 0.365 ng/ul
RT: 19.02 min Scan# 4134
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 9181

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.0
100	10.2	0.0	30.2

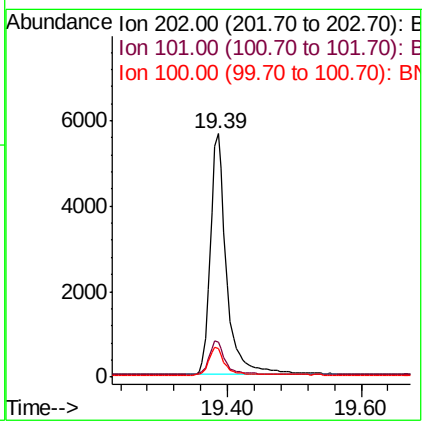


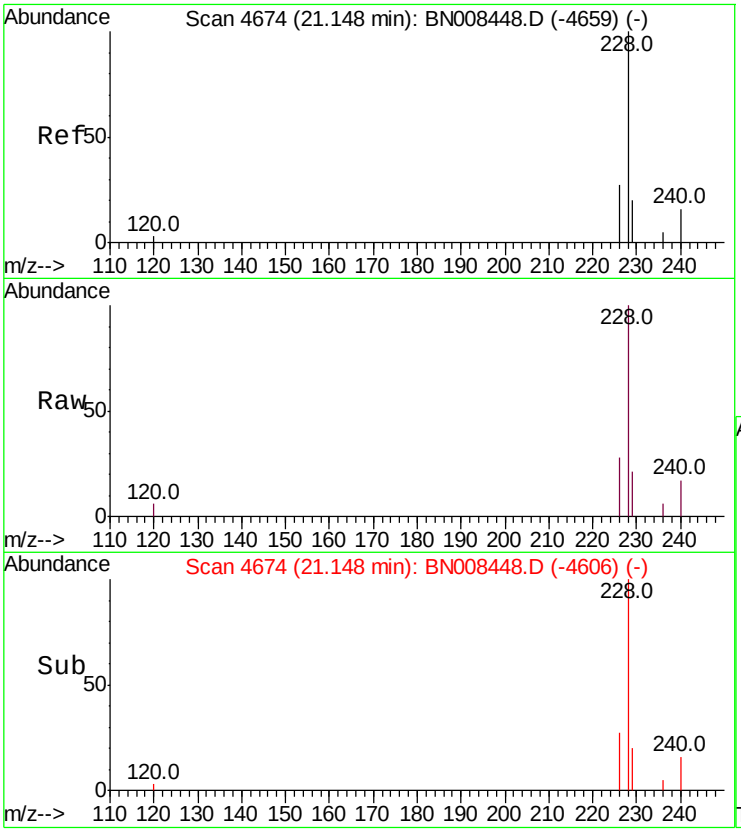


#17
Pyrene
Concen: 0.480 ng/ul
RT: 19.39 min Scan# 4213
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Tgt Ion:202 Resp: 9498

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.6	17.4
100	11.7	9.4	14.0



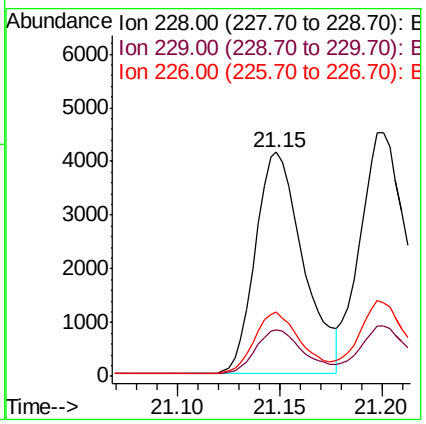


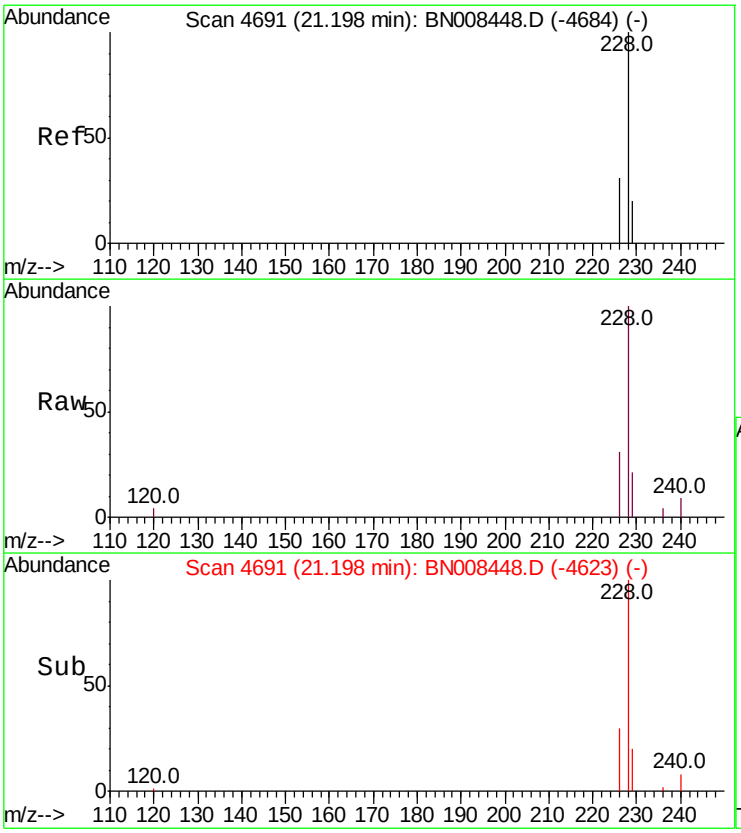
#18
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6748

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.6	24.8
226	28.5	22.8	34.2

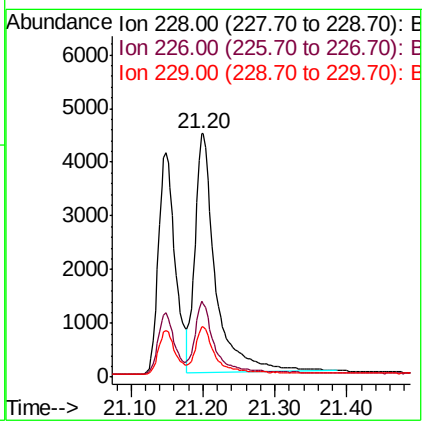


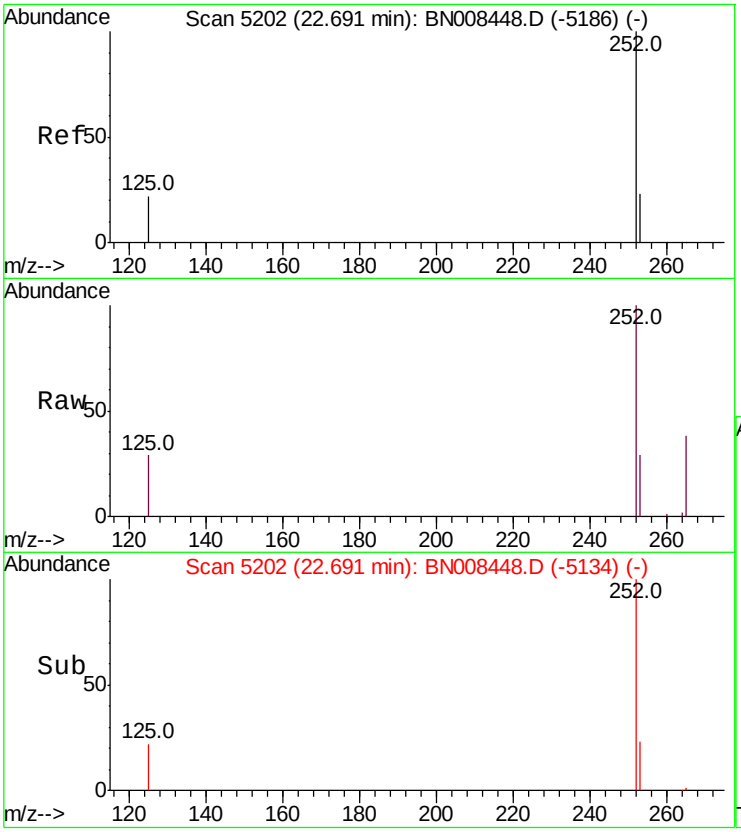


#19
Chrysene
Concen: 0.399 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Tgt Ion:228 Resp: 8839

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.8	16.6	25.0



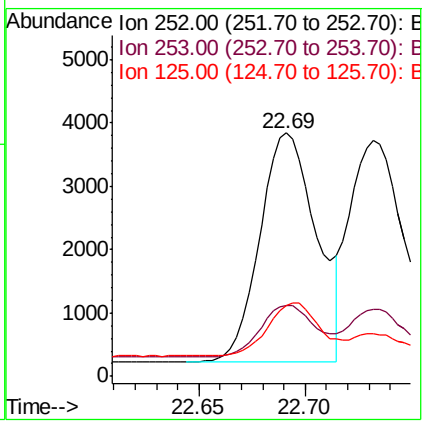


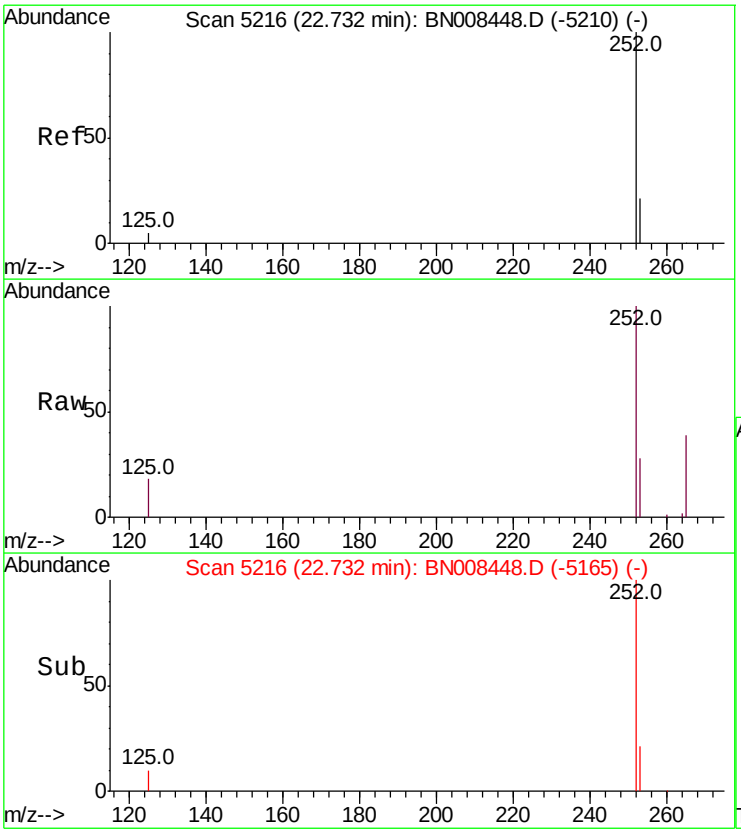
#21
Benzo(b)fluoranthene
Concen: 0.468 ng/ul
RT: 22.69 min Scan# 5202
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6699

Ion	Ratio	Lower	Upper
252	100		
253	29.2	0.0	58.4
125	29.3	0.0	58.6

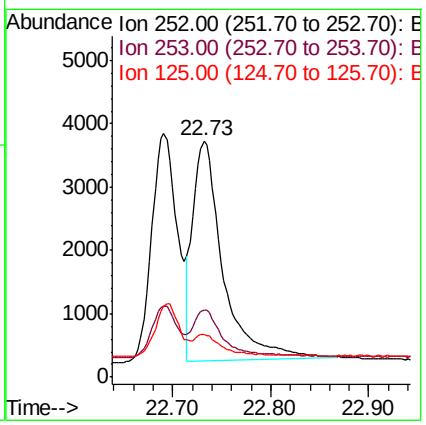


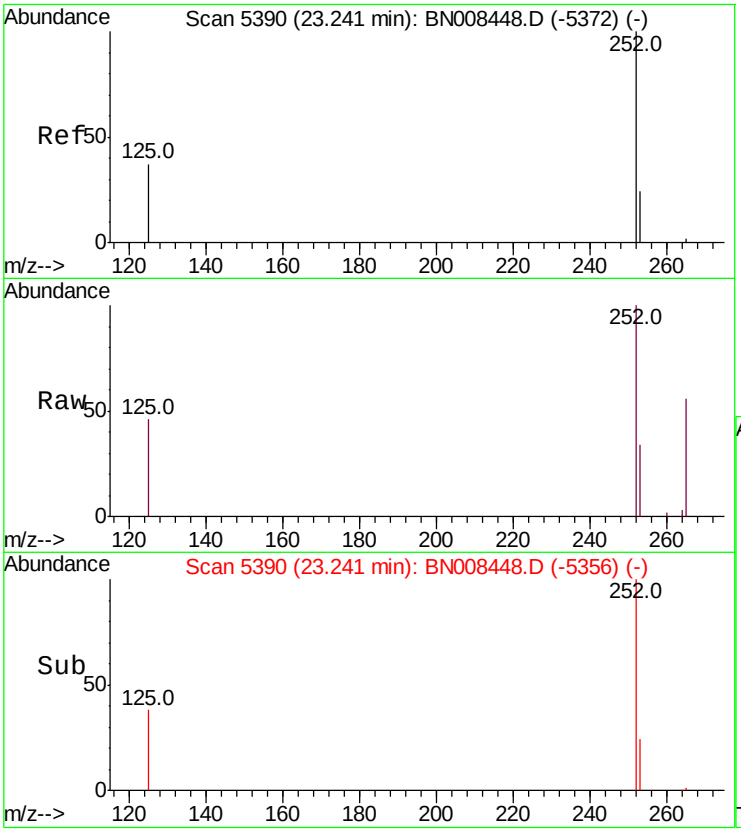


#22
Benzo(k)fluoranthene
Concen: 0.455 ng/ul
RT: 22.73 min Scan# 5216
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Tgt Ion:252 Resp: 7369

Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.6	34.0
125	18.4	14.7	22.1



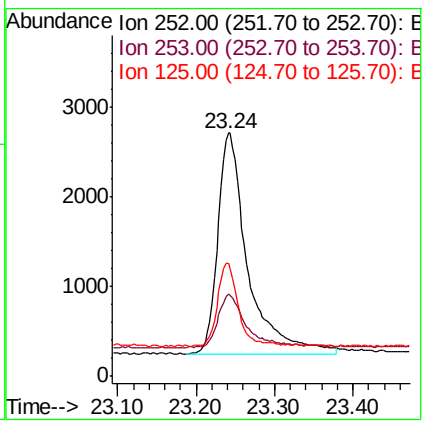


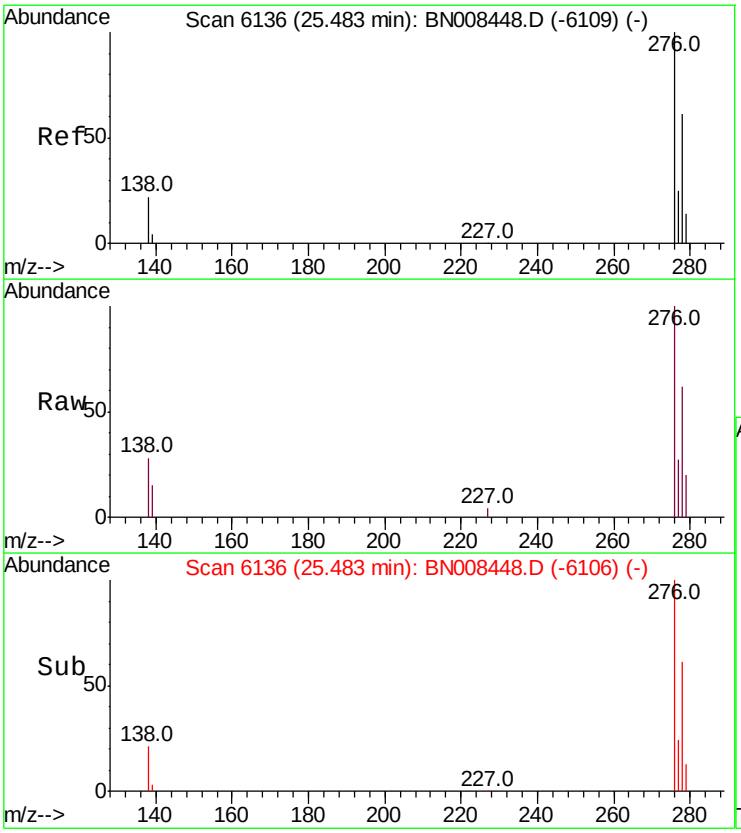
#23
Benzo(a)pyrene
Concen: 0.440 ng/ul
RT: 23.24 min Scan# 5390
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6620

Ion	Ratio	Lower	Upper
252	100		
253	34.0	27.2	40.8
125	46.3	37.0	55.6

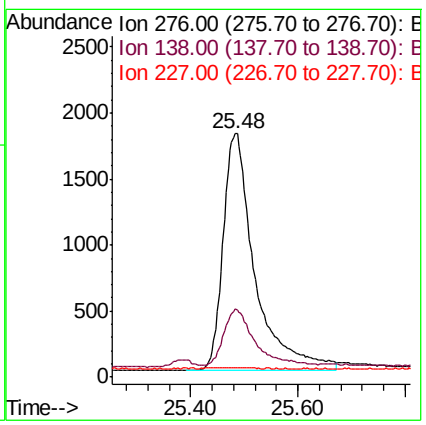


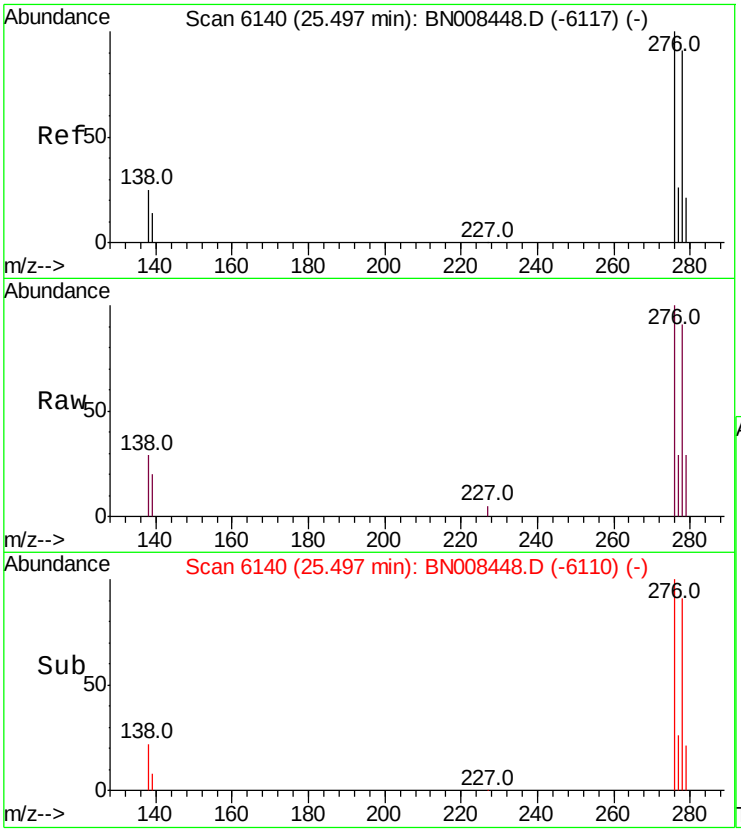


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Tgt Ion:276 Resp: 7398

Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.3	27.5
227	0.0	0.0	0.0#



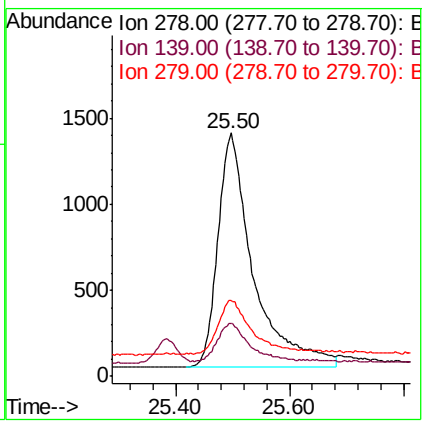


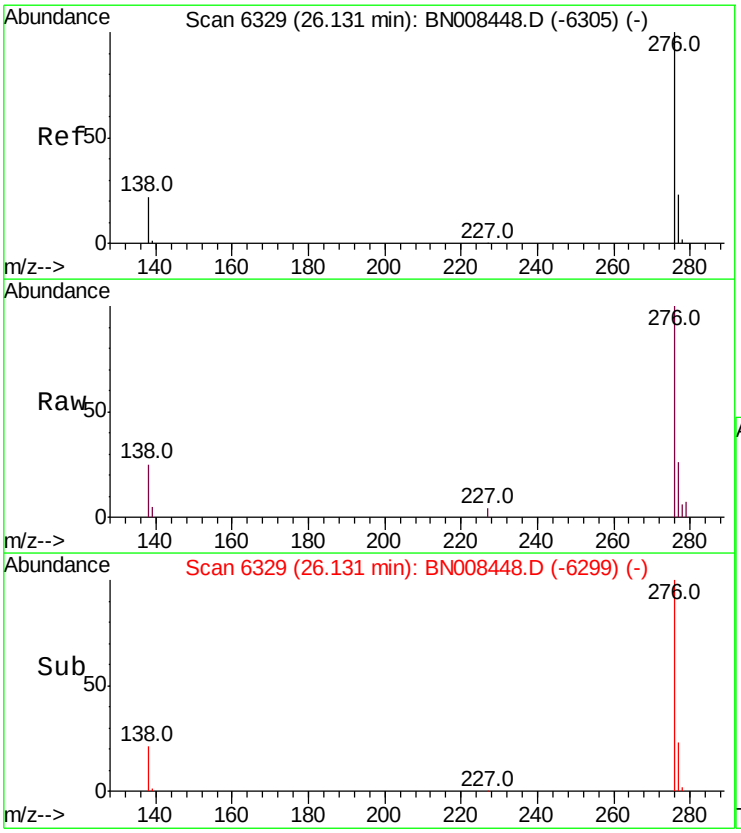
#25
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 5821

Ion	Ratio	Lower	Upper
278	100		
139	22.0	17.6	26.4
279	31.4	25.1	37.7





#26
Benzo(g,h,i)perylene
Concen: 0.409 ng/ul
RT: 26.13 min Scan# 6329
Delta R.T. 0.00 min
Lab File: BN008448.D
Acq: 05 Nov 2019 15:48

Tgt Ion:276 Resp: 6656

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.1	30.1
277	25.8	20.6	31.0