Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021990.D
Acq On : 10 Aug 2019 03:53
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 10 05:24:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	632	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	2985	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	1593	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	3412	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	3140	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	3599	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1779	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	3873	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.47	128	2954	0.350	ng/ul	97
5) 2-Methylnaphthalene	12.10	142	1999	0.356	ng/ul	100
7) Acenaphthylene	14.01	152	2530	0.341	ng/ul	99
8) Acenaphthene	14.34	153	2223	0.366	ng/ul	96
9) Fluorene	15.35	166	2329	0.345	ng/ul	98
11) Pentachlorophenol	16.72	266	216	0.343	ng/ul#	85
12) Phenanthrene	17.09	178	3523	0.355	ng/ul	98
13) Anthracene	17.19	178	3053	0.361	ng/ul	98
15) Fluoranthene	19.11	202	4272	0.321	ng/ul	96
17) Pyrene	19.48	202	4529	0.351	ng/ul#	94
18) Benzo(a)anthracene	21.22	228	3861	0.344	ng/ul	99
19) Chrysene	21.27	228	4858	0.336	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	4238	0.349	ng/ul	98
22) Benzo(k)fluoranthene	22.83	252	4779	0.348	ng/ul	98
23) Benzo(a)pyrene	23.36	252	4201	0.340	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.67	276	5117	0.347	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.68	278	4121	0.346	ng/ul	99
26) Benzo(g,h,i)perylene	26.35	276	4545	0.343	ng/ul#	94

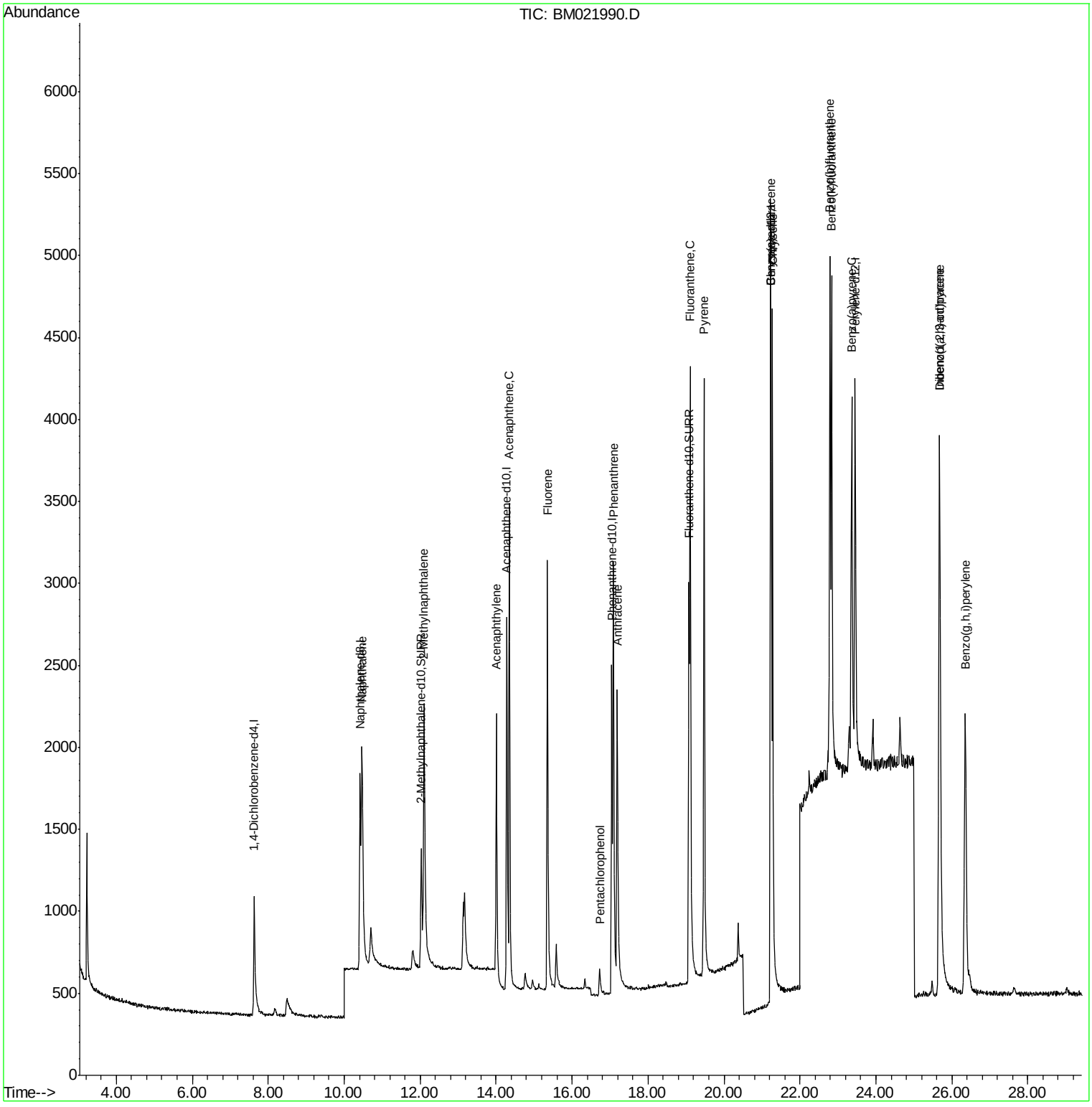
(#) = qualifier out of range (m) = manual integration (+) = signals summed

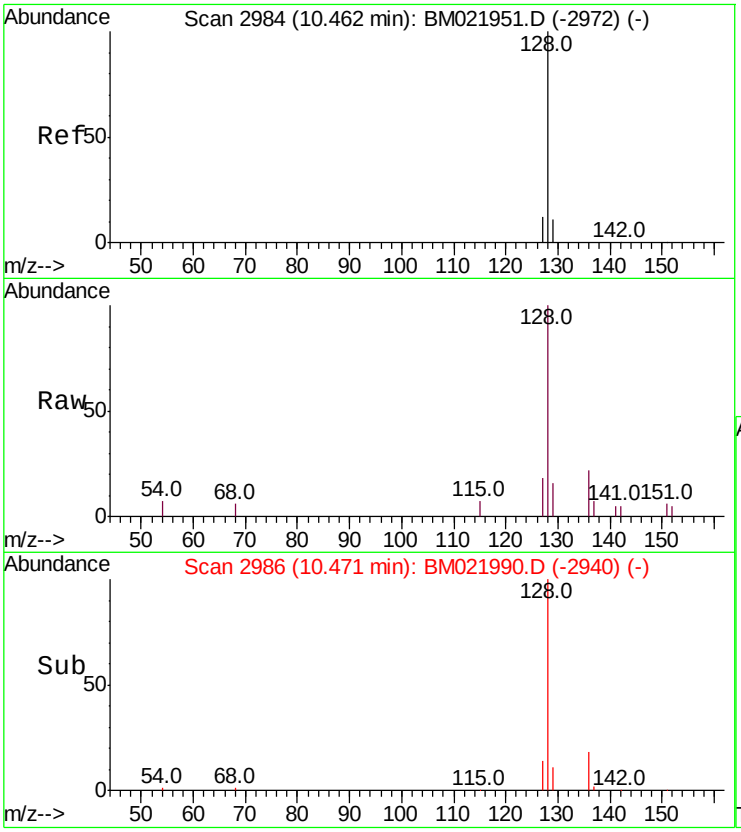
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021990.D
Acq On : 10 Aug 2019 03:53
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 10 05:24:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration



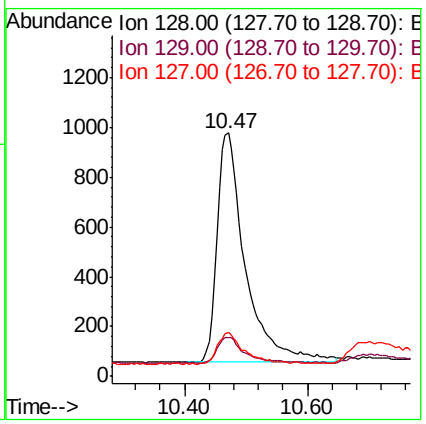


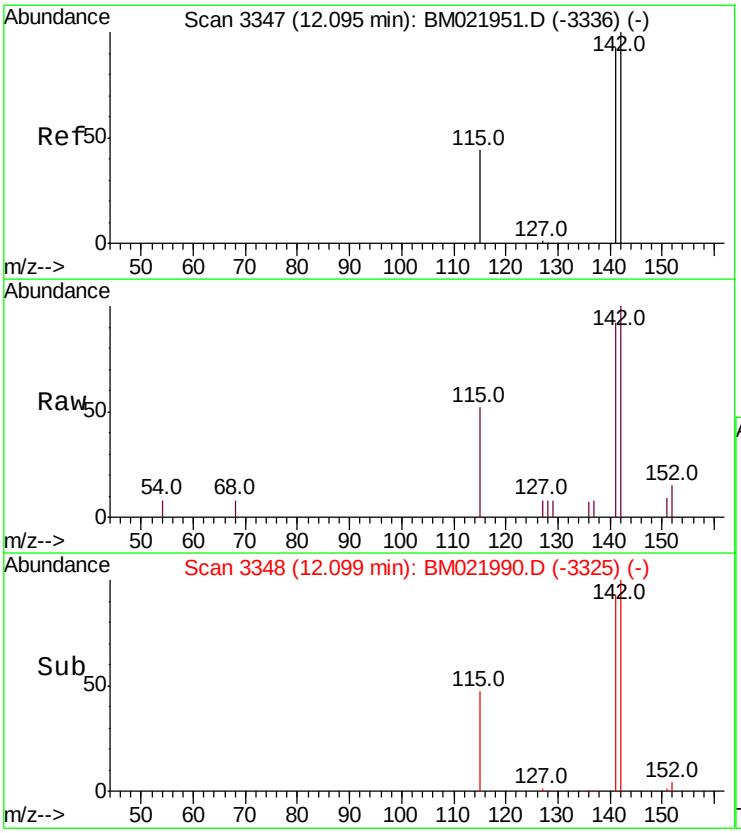
#3
Naphthalene
Concen: 0.350 ng/ul
RT: 10.47 min Scan# 2986
Delta R.T. 0.01 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 2954

Ion	Ratio	Lower	Upper
128	100		
129	16.1	12.3	18.5
127	18.1	13.0	19.6

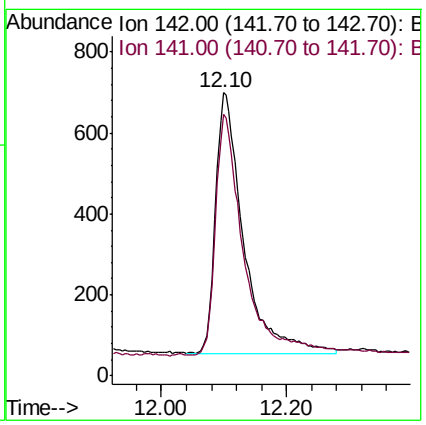


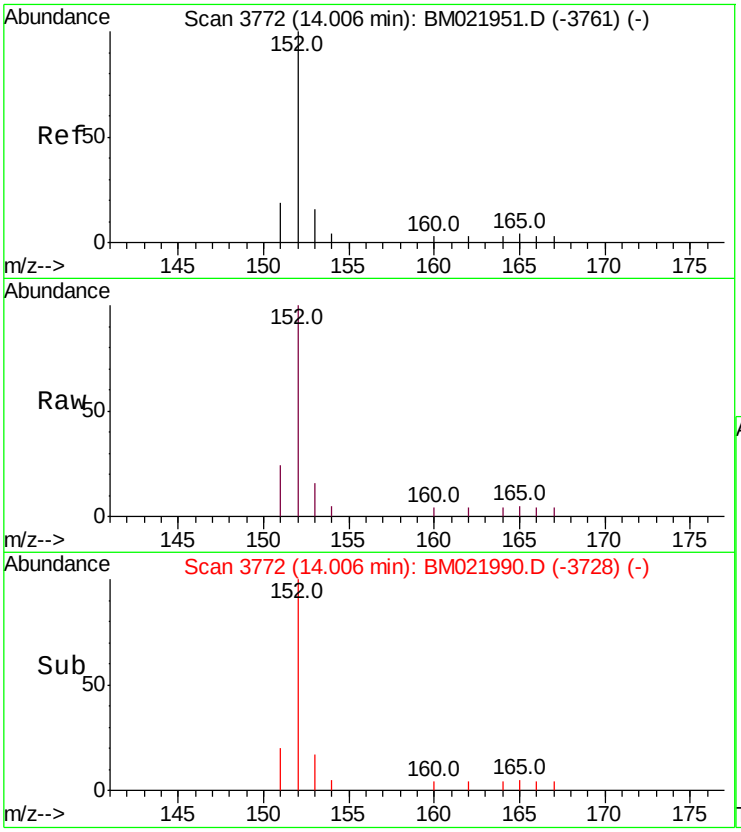


#5
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.10 min Scan# 3348
Delta R.T. 0.00 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Tgt Ion:142 Resp: 1999

Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.3	111.5



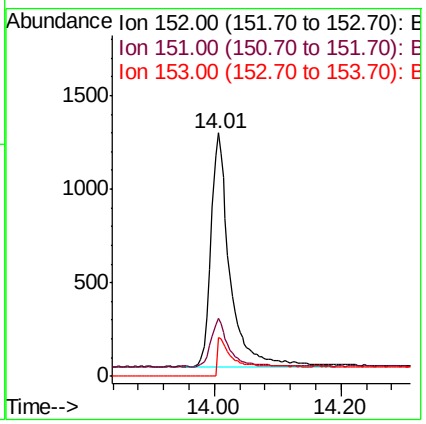


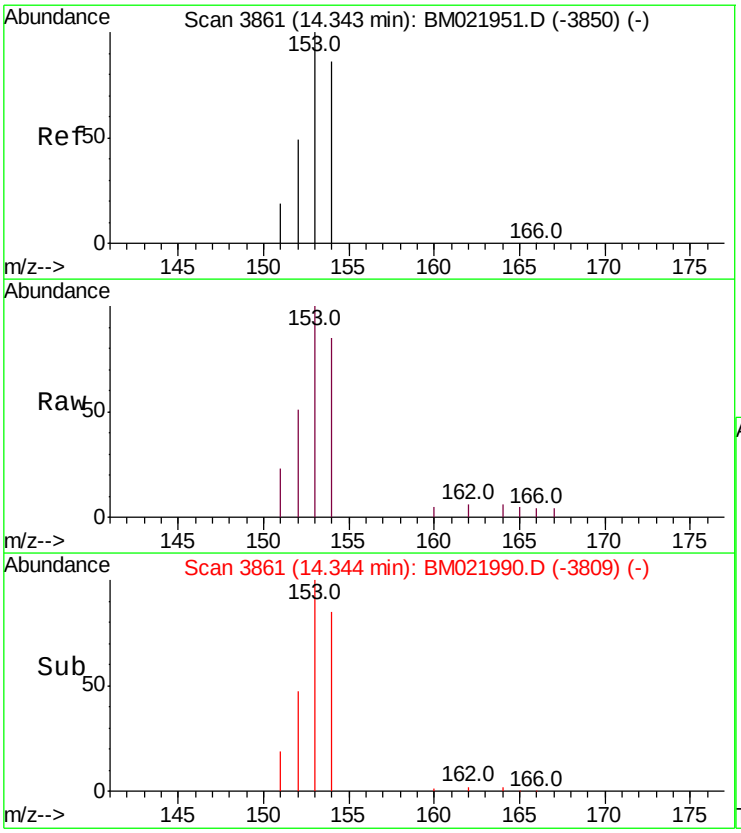
#7
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.01 min Scan# 3772
Delta R.T. -0.00 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 2530

Ion	Ratio	Lower	Upper
152	100		
151	23.6	18.3	27.5
153	16.0	12.8	19.2

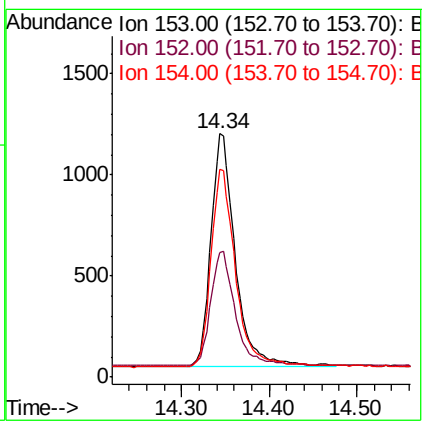


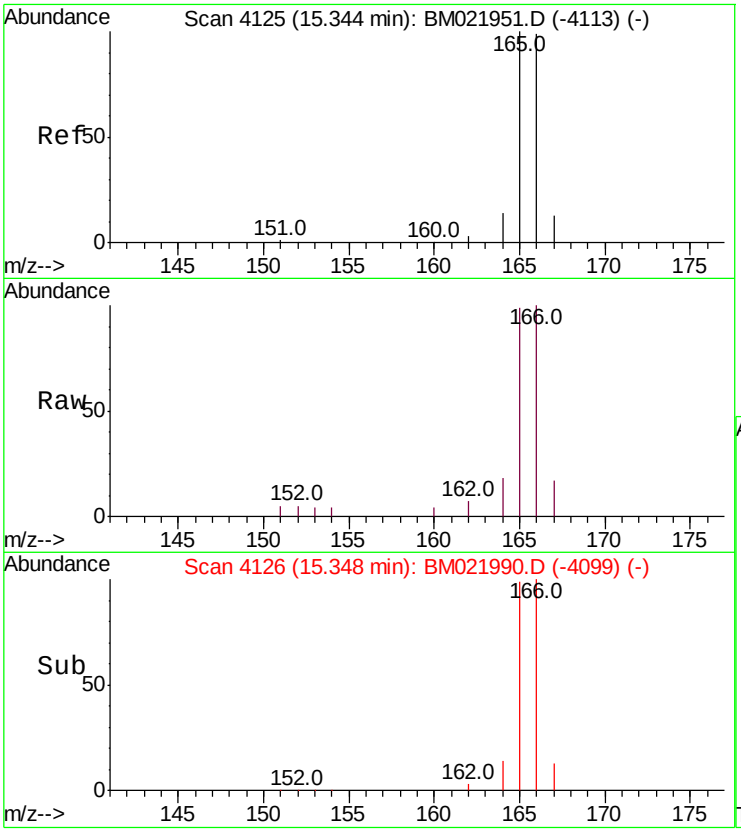


#8
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.34 min Scan# 3861
Delta R.T. -0.00 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Tgt Ion:153 Resp: 2223

Ion	Ratio	Lower	Upper
153	100		
152	51.0	41.3	61.9
154	85.2	72.3	108.5



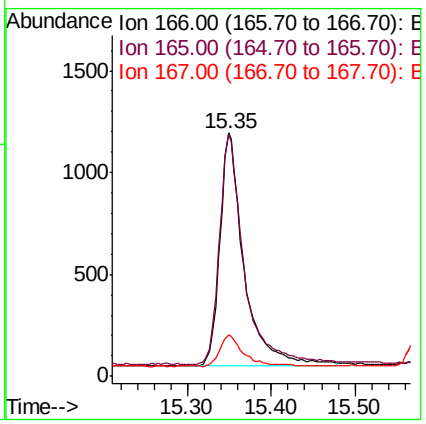


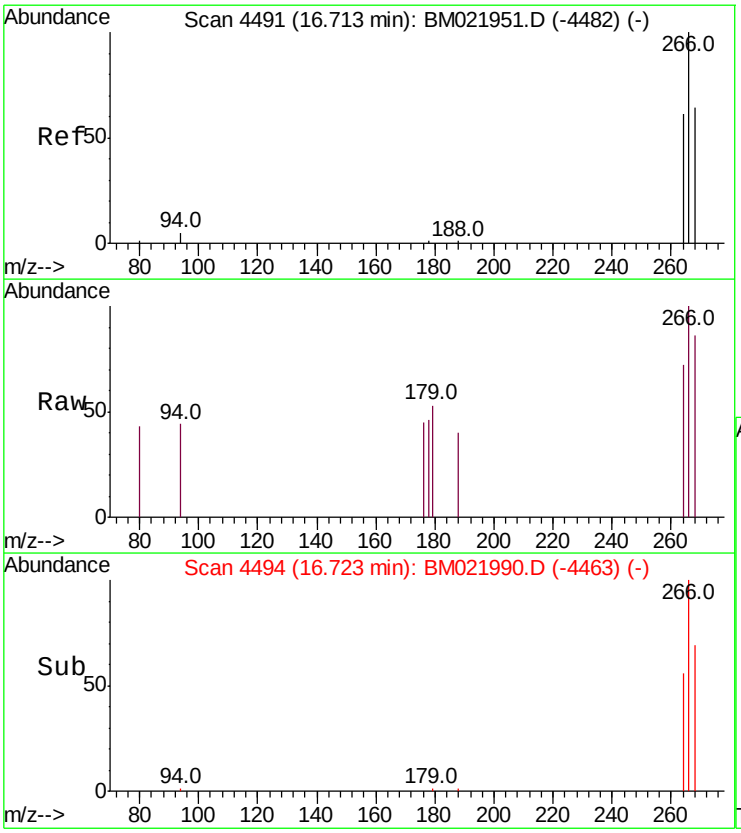
#9
Fluorene
Concen: 0.345 ng/ul
RT: 15.35 min Scan# 4126
Delta R.T. 0.00 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 2329

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.4	122.0
167	16.7	13.7	20.5

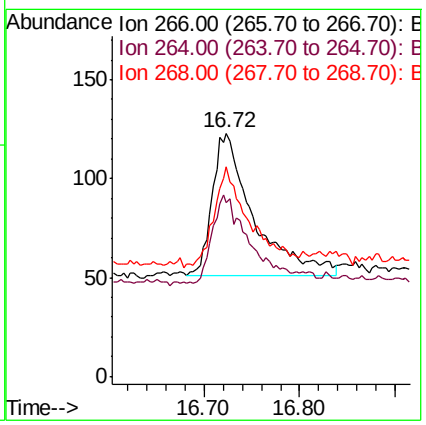


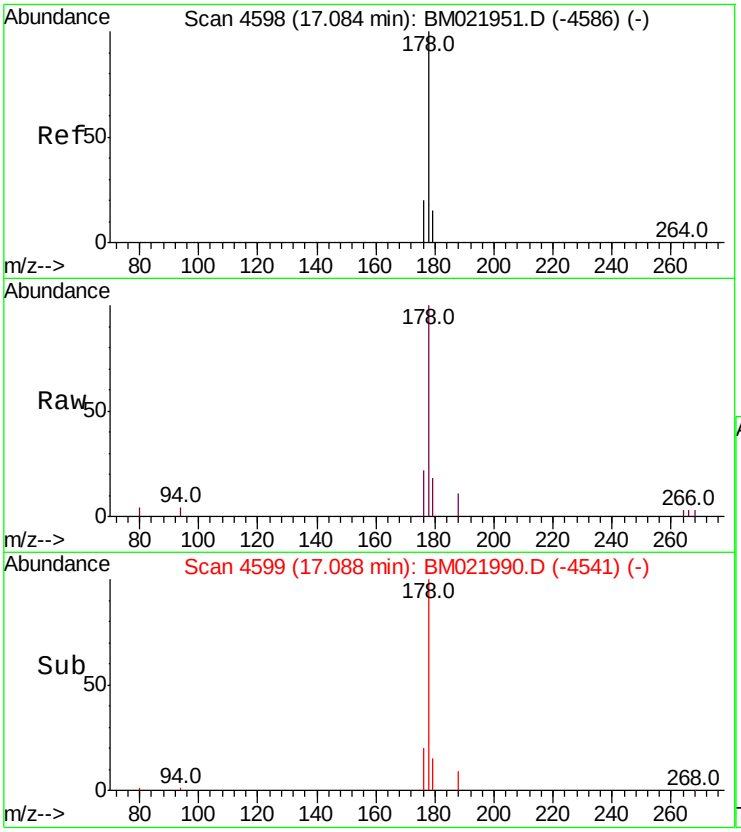


#11
Pentachlorophenol
Concen: 0.343 ng/ul
RT: 16.72 min Scan# 4494
Delta R.T. 0.01 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Tgt Ion:266 Resp: 216

Ion	Ratio	Lower	Upper
266	100		
264	59.3	54.2	81.2
268	55.6	57.6	86.4#



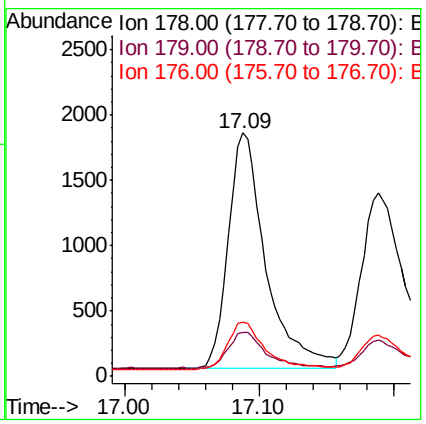


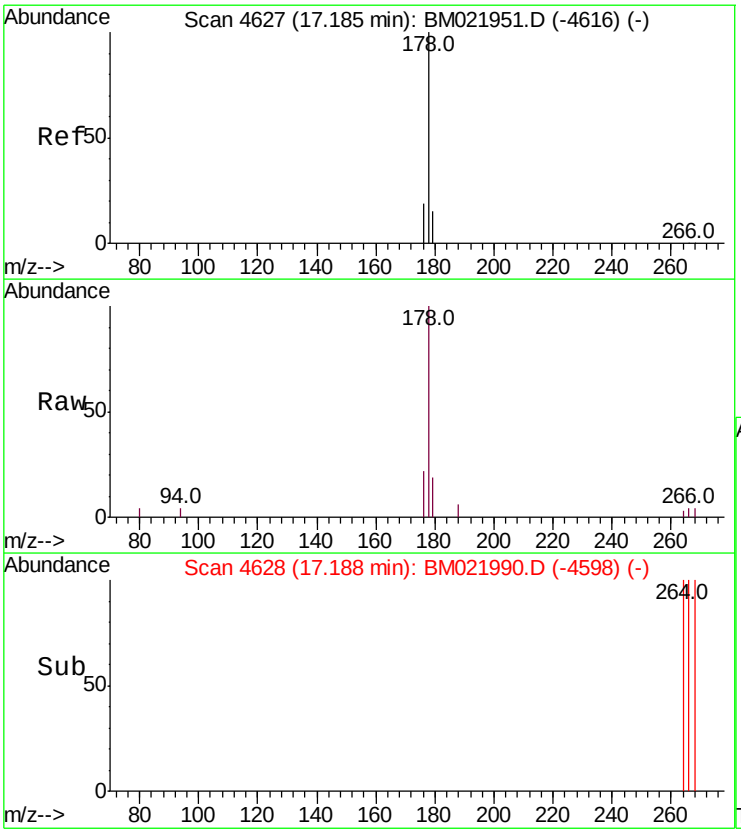
#12
Phenanthrene
Concen: 0.355 ng/ul
RT: 17.09 min Scan# 4599
Delta R.T. 0.00 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3523

Ion	Ratio	Lower	Upper
178	100		
179	18.2	14.2	21.2
176	22.5	16.8	25.2

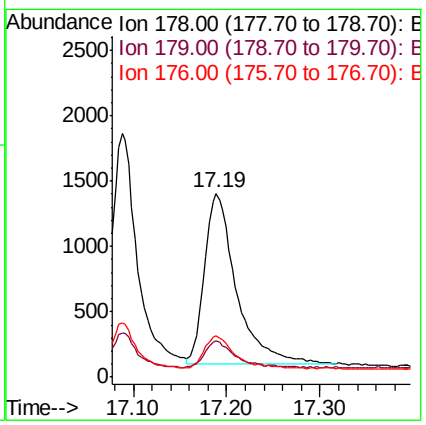


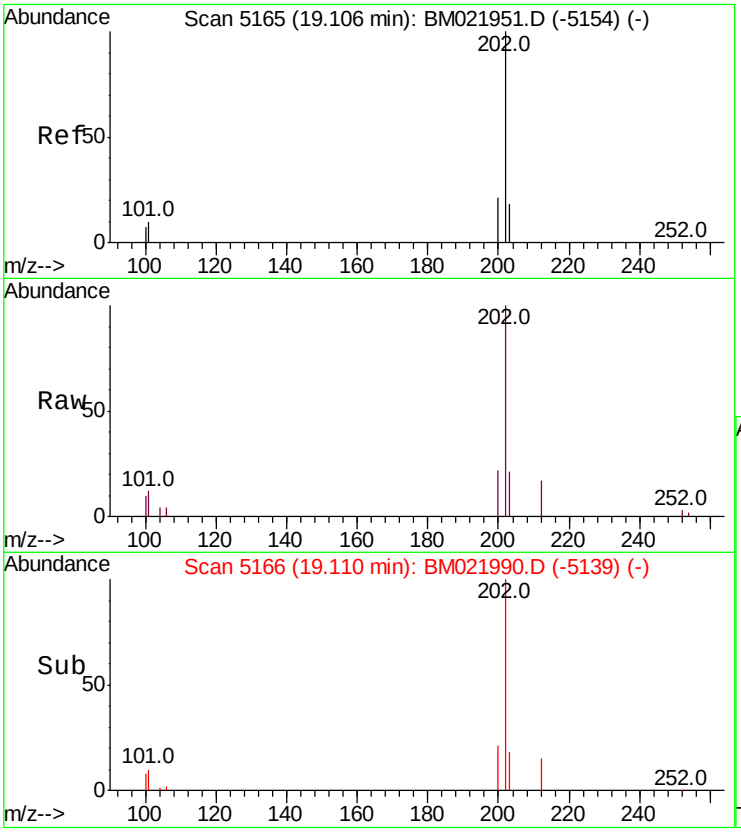


#13
Anthracene
Concen: 0.361 ng/ul
RT: 17.19 min Scan# 4628
Delta R.T. 0.01 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Tgt Ion:178 Resp: 3053

Ion	Ratio	Lower	Upper
178	100		
179	19.4	15.5	23.3
176	22.3	16.6	25.0



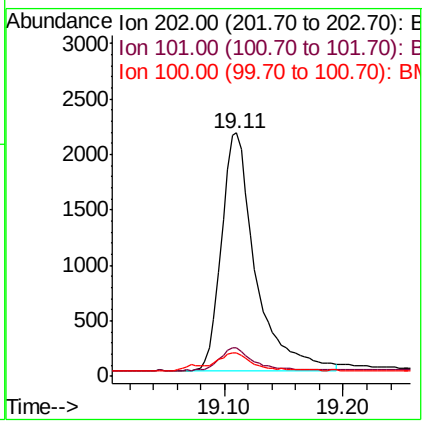


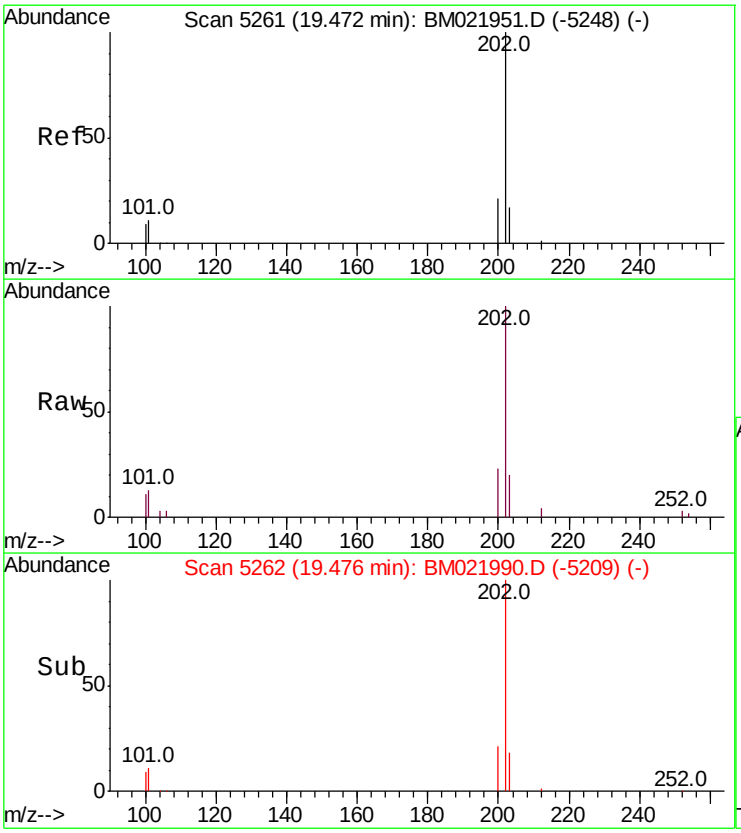
#15
Fluoranthene
Concen: 0.321 ng/ul
RT: 19.11 min Scan# 5166
Delta R.T. 0.00 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4272

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.2
100	9.7	0.0	28.1

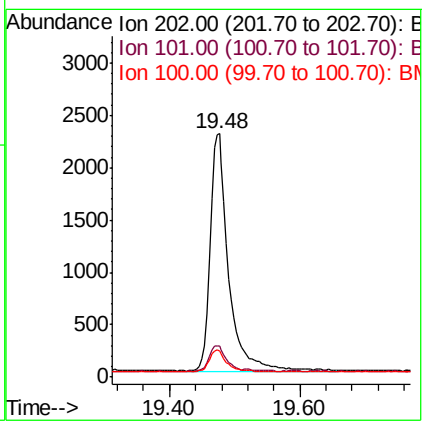


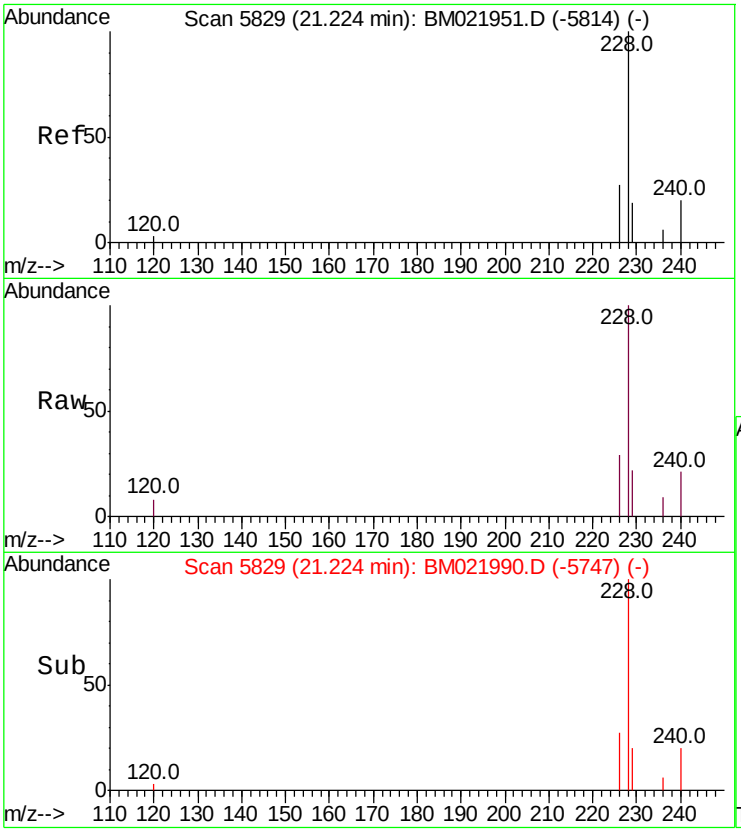


#17
Pyrene
Concen: 0.351 ng/ul
RT: 19.48 min Scan# 5262
Delta R.T. 0.00 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Tgt Ion:202 Resp: 4529

Ion	Ratio	Lower	Upper
202	100		
101	12.7	8.3	12.5#
100	10.8	7.2	10.8



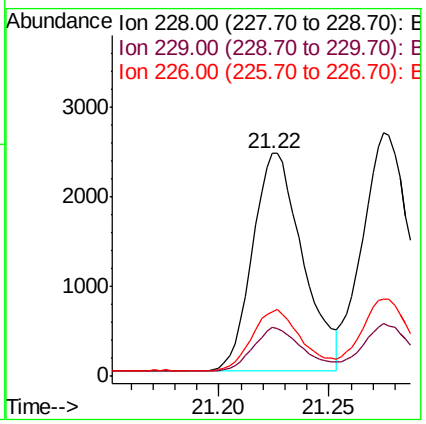


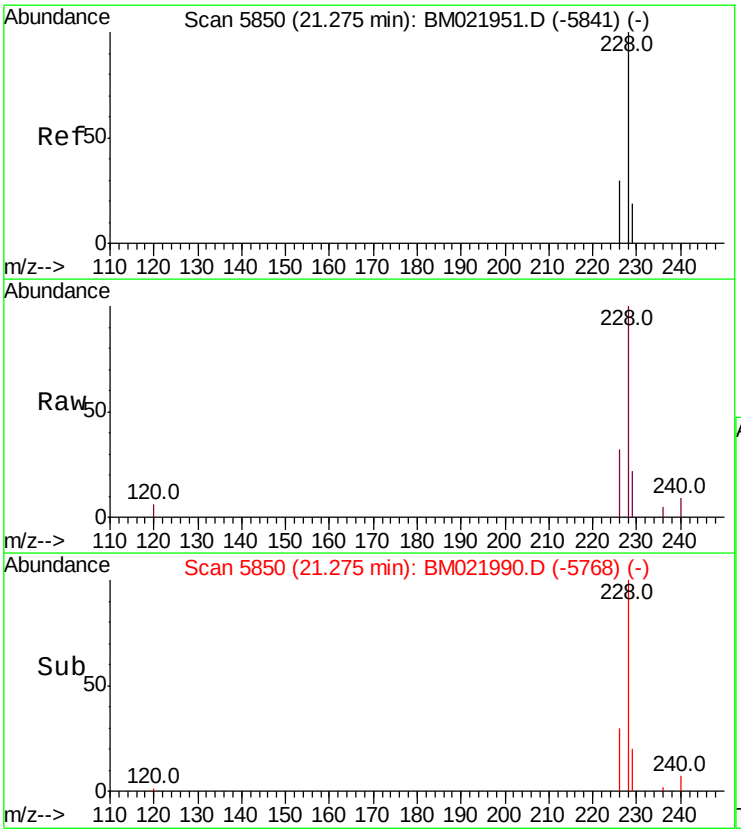
#18
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.22 min Scan# 5829
Delta R.T. -0.00 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 3861

Ion	Ratio	Lower	Upper
228	100		
229	22.1	17.2	25.8
226	28.7	22.6	34.0

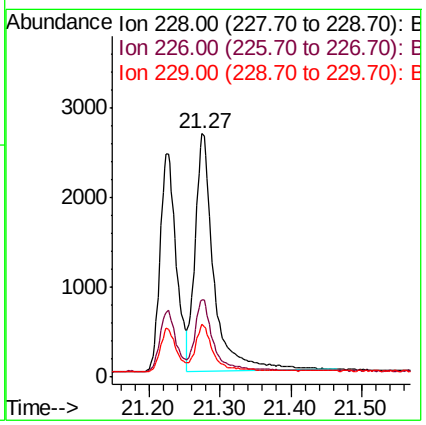


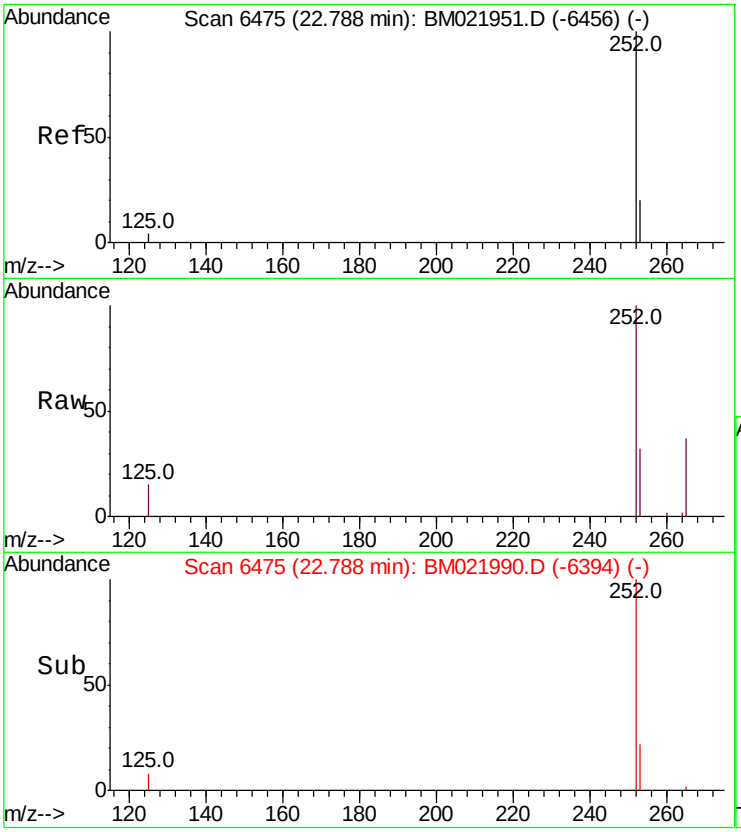


#19
Chrysene
Concen: 0.336 ng/ul
RT: 21.27 min Scan# 5850
Delta R.T. -0.00 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Tgt Ion:228 Resp: 4858

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	21.6	16.6	25.0



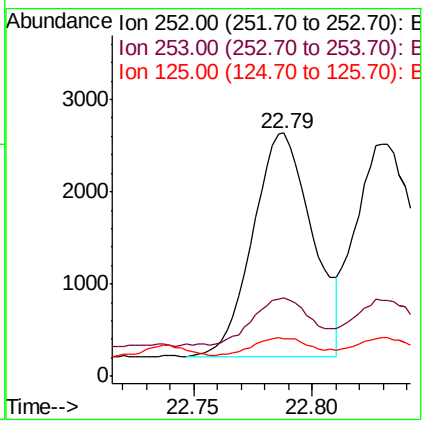


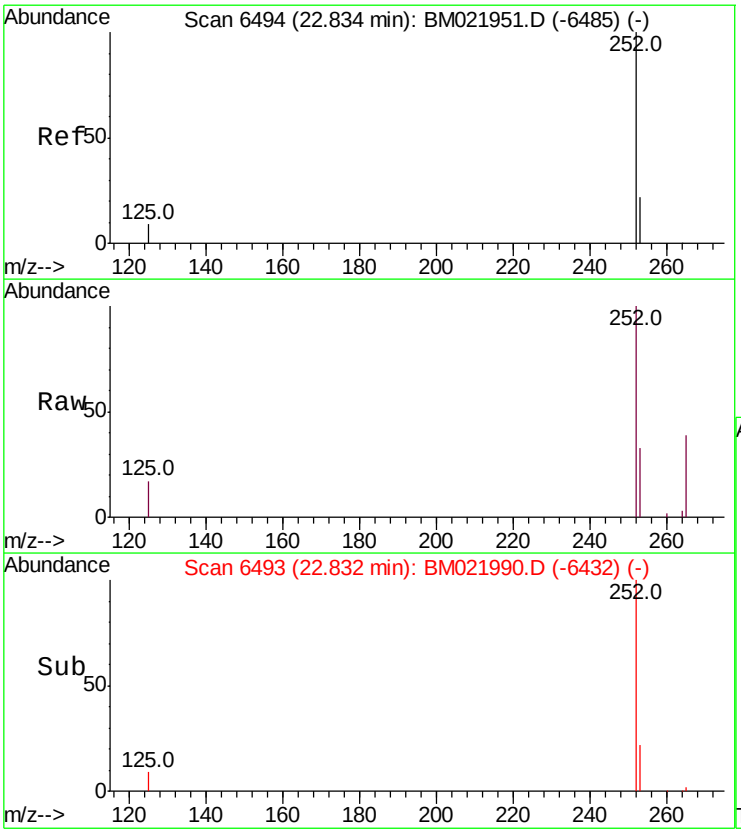
#21
Benzo(b)fluoranthene
Concen: 0.349 ng/ul
RT: 22.79 min Scan# 6475
Delta R.T. -0.00 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4238

Ion	Ratio	Lower	Upper
252	100		
253	32.2	0.0	67.4
125	15.4	0.0	31.0

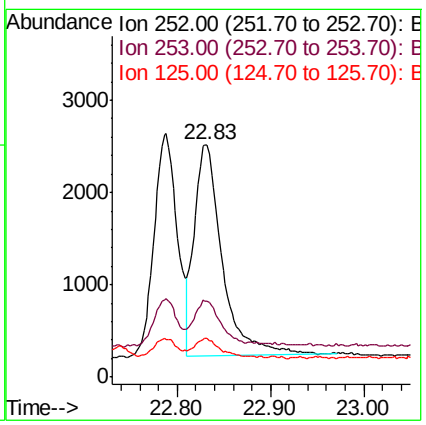


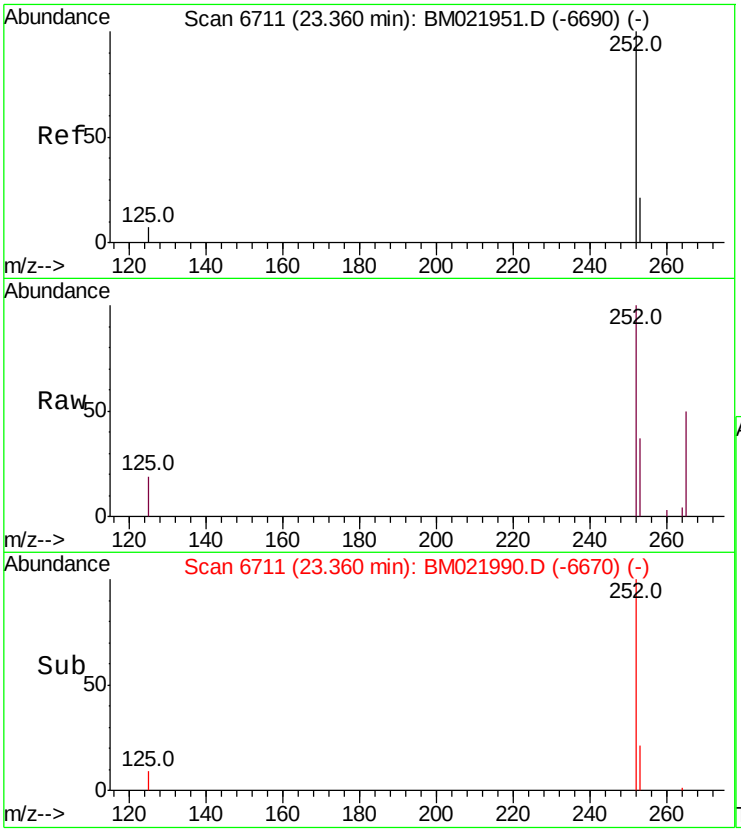


#22
Benzo(k)fluoranthene
Concen: 0.348 ng/ul
RT: 22.83 min Scan# 6493
Delta R.T. -0.00 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Tgt Ion:252 Resp: 4779

Ion	Ratio	Lower	Upper
252	100		
253	32.9	27.0	40.4
125	16.6	12.2	18.2



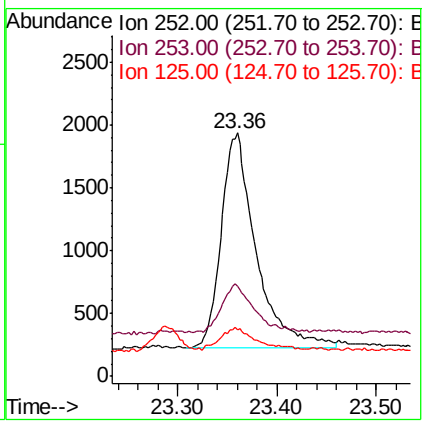


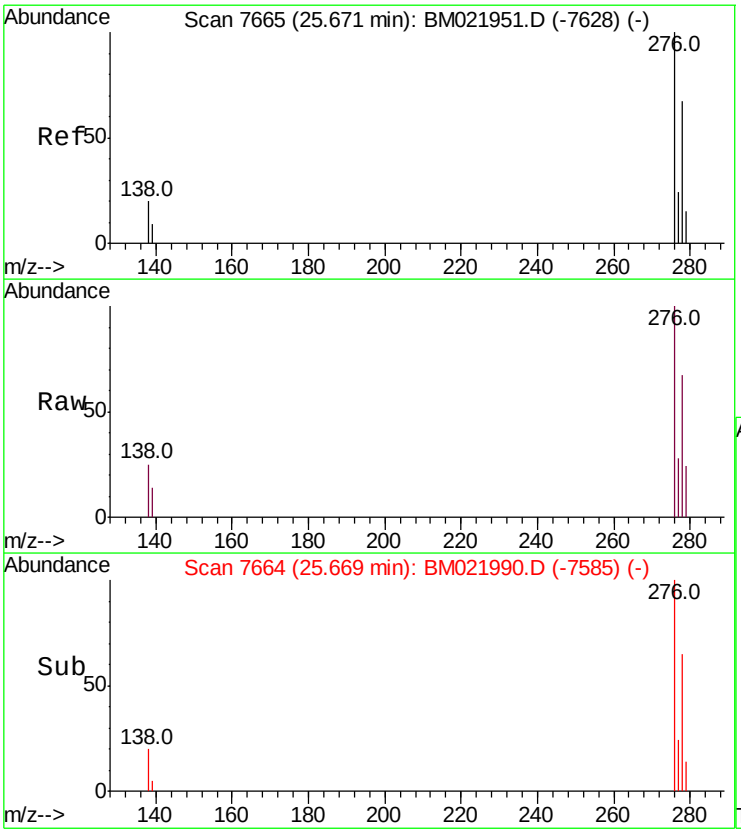
#23
Benzo(a)pyrene
Concen: 0.340 ng/ul
RT: 23.36 min Scan# 6711
Delta R.T. -0.00 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4201

Ion	Ratio	Lower	Upper
252	100		
253	36.8	31.7	47.5
125	19.2	14.6	21.8

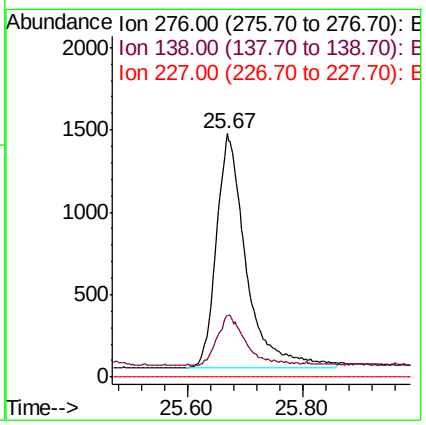


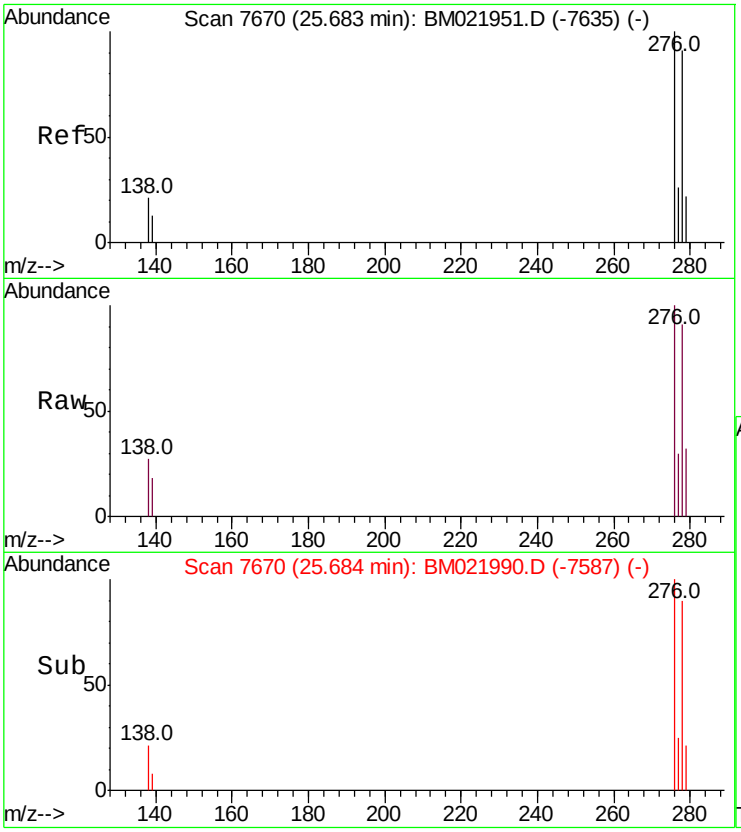


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 25.67 min Scan# 7664
Delta R.T. -0.01 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Tgt Ion:276 Resp: 5117

Ion	Ratio	Lower	Upper
276	100		
138	20.3	15.1	22.7
227	0.0	0.0	0.0



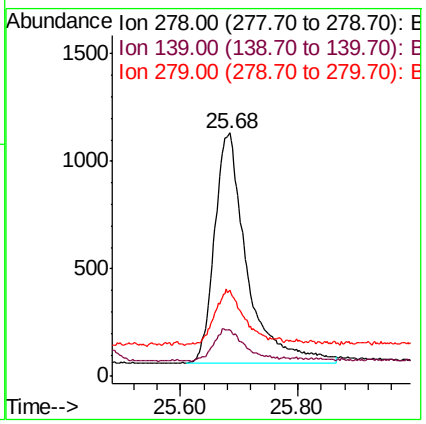


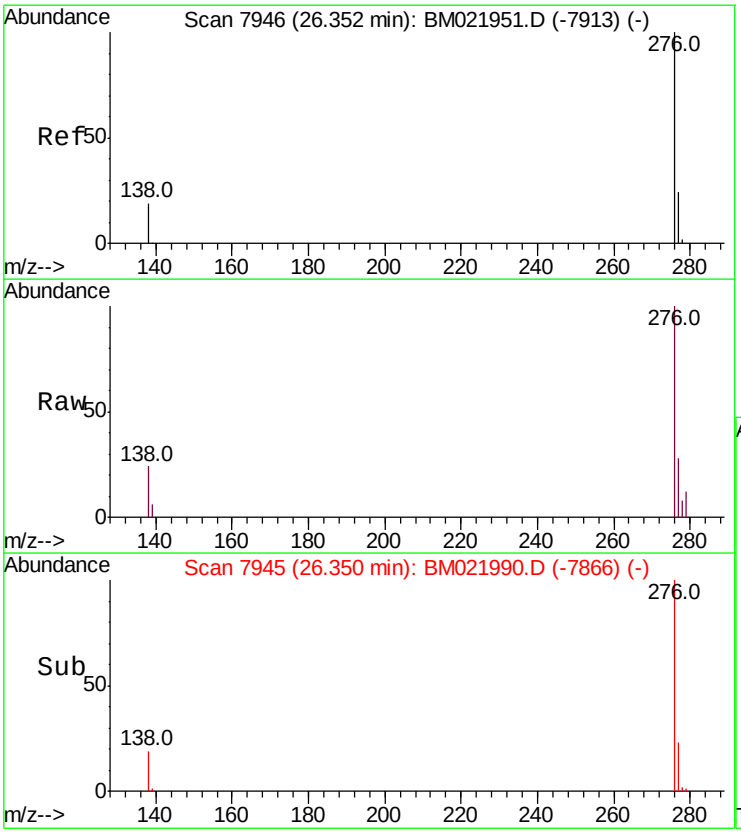
#25
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 25.68 min Scan# 7670
Delta R.T. 0.00 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 4121

Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.2	21.2
279	35.3	28.3	42.5





#26
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 26.35 min Scan# 7945
Delta R.T. -0.01 min
Lab File: BM021990.D
Acq: 10 Aug 2019 03:53

Tgt Ion:276 Resp: 4545

Ion	Ratio	Lower	Upper
276	100		
138	23.9	15.5	23.3#
277	28.0	21.4	32.2