Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (Not Reviewed)

Data File : BM021824.D
Acq On : 04 Aug 2019 23:17
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.429

Quant Time: Aug 05 07:01:09 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 : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	659	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	2894	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	1584	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	3560	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	3393	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	4044	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1918	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	4566	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.48	128	3239	0.396	ng/ul	99
5) 2-Methylnaphthalene	12.12	142	2231	0.410	ng/ul	99
7) Acenaphthylene	14.02	152	3085	0.418	ng/ul	99
8) Acenaphthene	14.36	153	2564	0.424	ng/ul	97
9) Fluorene	15.36	166	2703	0.403	ng/ul	97
11) Pentachlorophenol	16.74	266	282	0.429	ng/ul	86
12) Phenanthrene	17.10	178	4174	0.403	ng/ul	99
13) Anthracene	17.20	178	3496	0.396	ng/ul	99
15) Fluoranthene	19.12	202	5253	0.379	ng/ul	98
17) Pyrene	19.48	202	5533	0.397	ng/ul#	94
18) Benzo(a)anthracene	21.24	228	4799	0.395	ng/ul	100
19) Chrysene	21.28	228	6299	0.404	ng/ul	99
21) Benzo(b)fluoranthene	22.80	252	5570	0.408	ng/ul	96
22) Benzo(k)fluoranthene	22.85	252	6154	0.399	ng/ul	98
23) Benzo(a)pyrene	23.37	252	5564	0.401	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.70	276	6728	0.406	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.71	278	5386	0.402	ng/ul	96
26) Benzo(g,h,i)perylene	26.37	276	5998	0.402	ng/ul	98

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

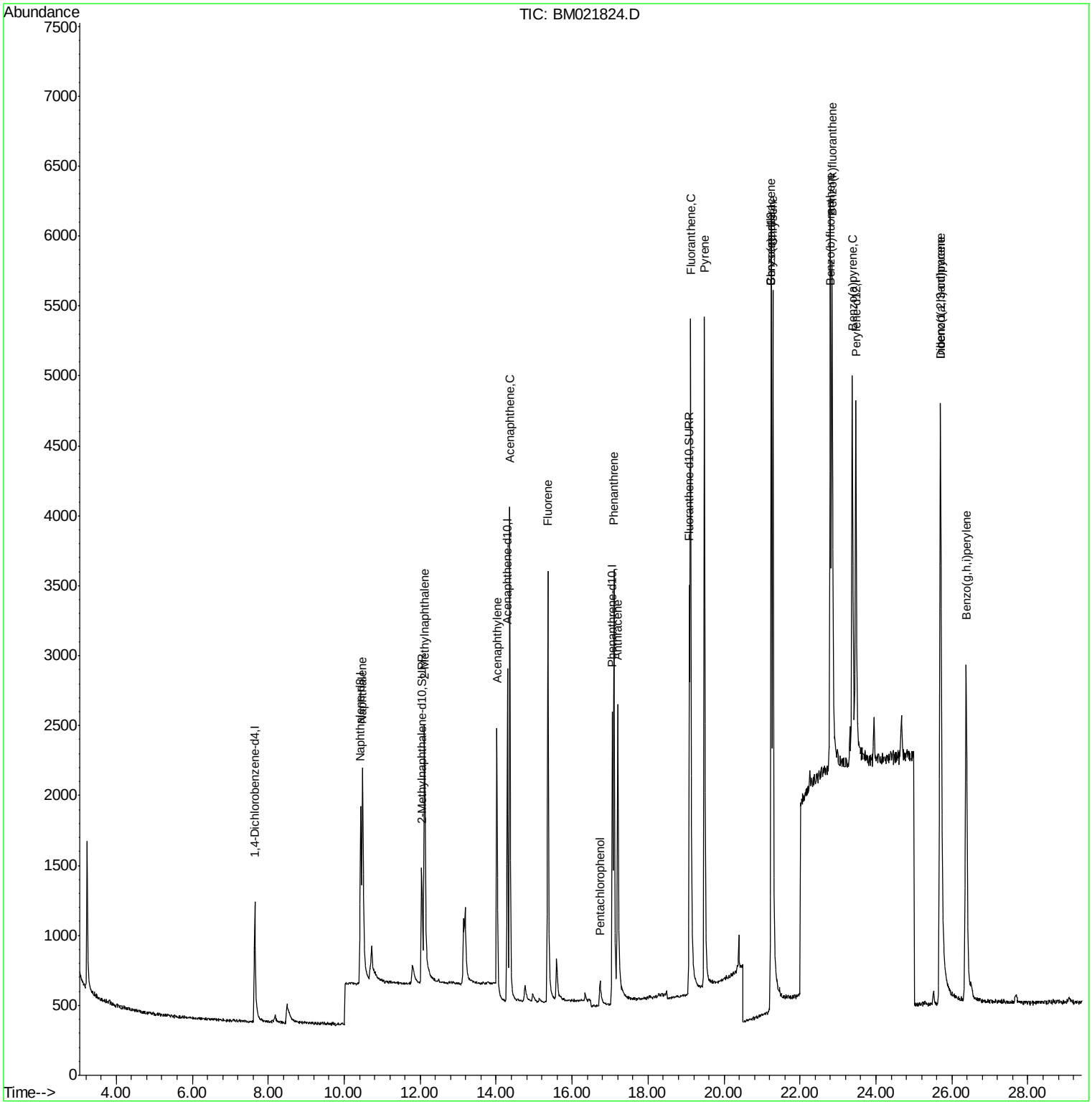
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

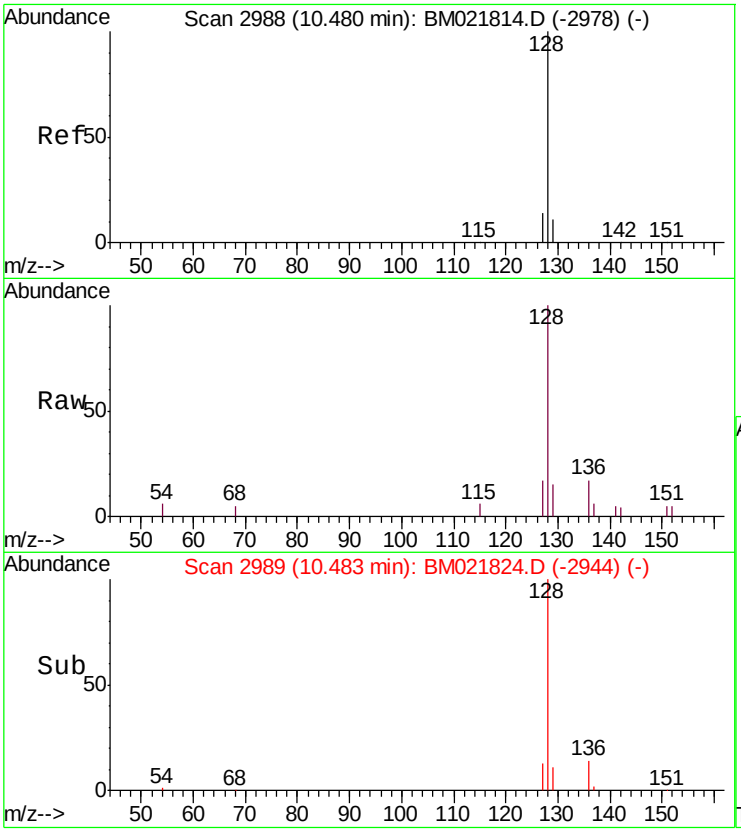
Quantitation Report (Not Reviewed)

Data File : BM021824.D
Acq On : 04 Aug 2019 23:17
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Quant Time: Aug 05 07:01:09 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 : Mon Aug 05 06:57:04 2019
Response via : Initial Calibration



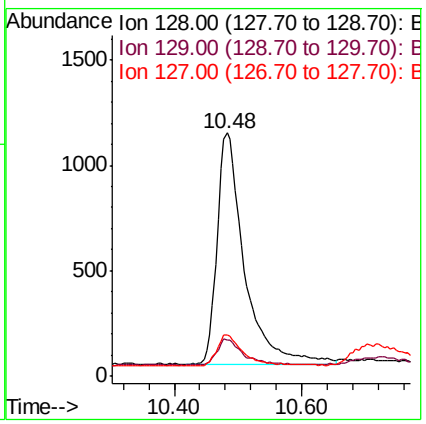


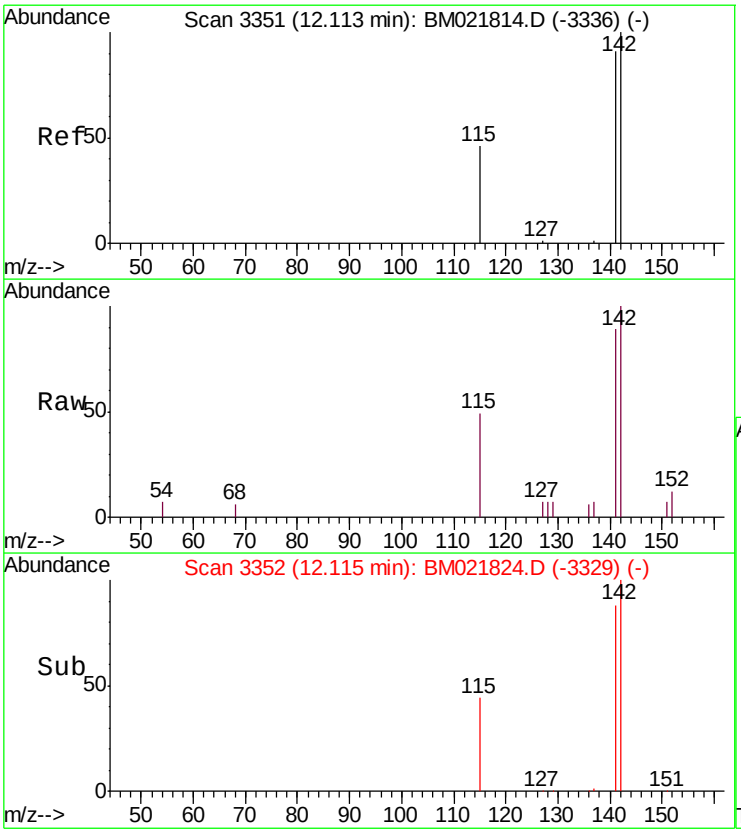
#3
Naphthalene
Concen: 0.396 ng/ul
RT: 10.48 min Scan# 2989
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:128 Resp: 3239

Ion	Ratio	Lower	Upper
128	100		
129	15.1	12.3	18.5
127	16.7	13.0	19.6

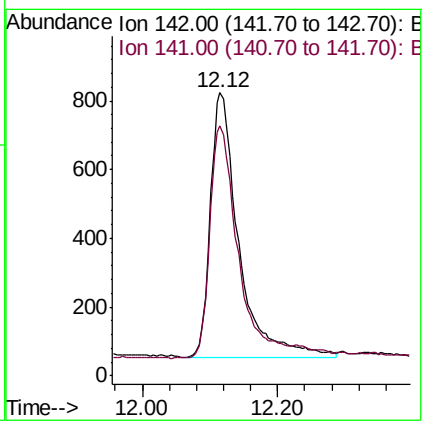


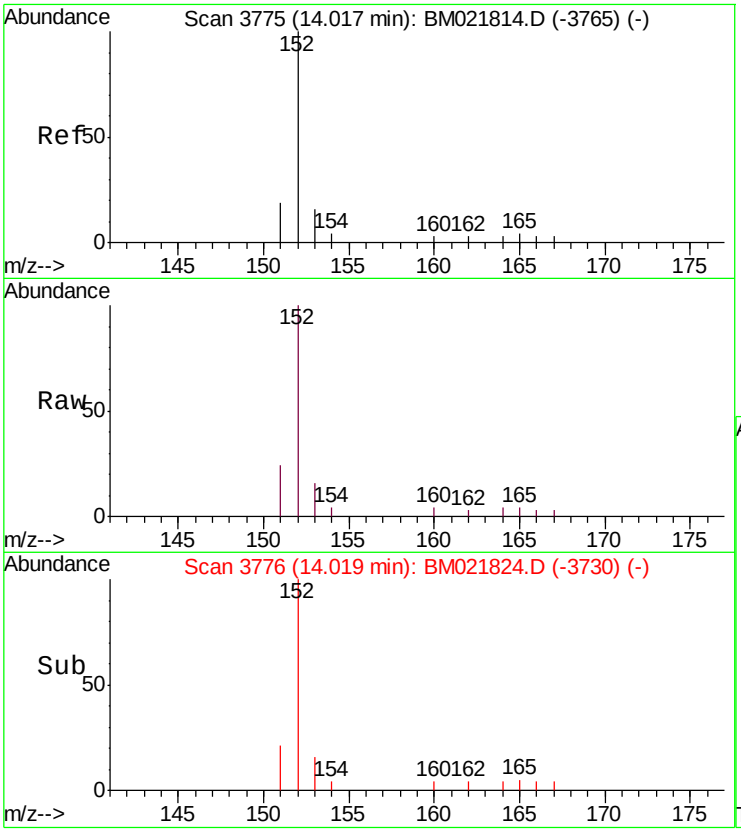


#5
2-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.12 min Scan# 3352
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Tgt Ion:142 Resp: 2231

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.3	111.5



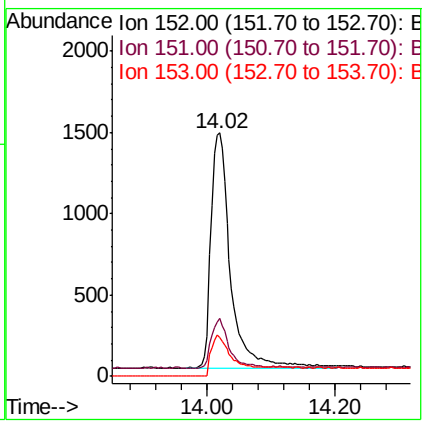


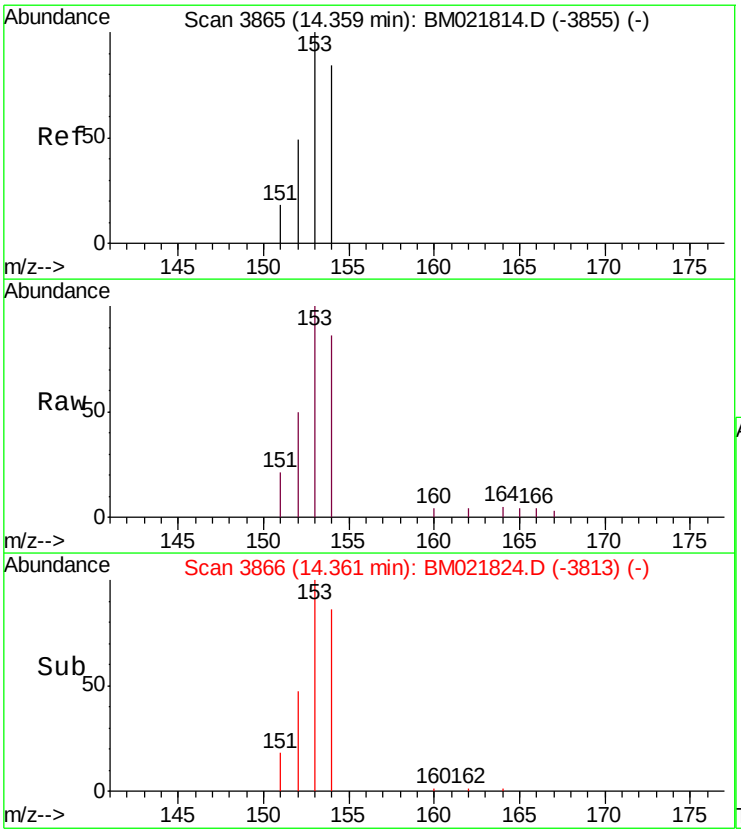
#7
Acenaphthylene
Concen: 0.418 ng/ul
RT: 14.02 min Scan# 3776
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:152 Resp: 3085

Ion	Ratio	Lower	Upper
152	100		
151	23.6	18.3	27.5
153	15.8	12.8	19.2

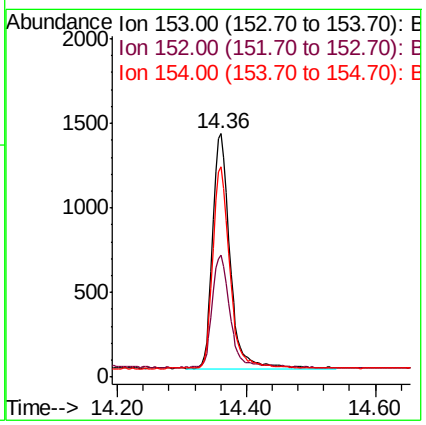


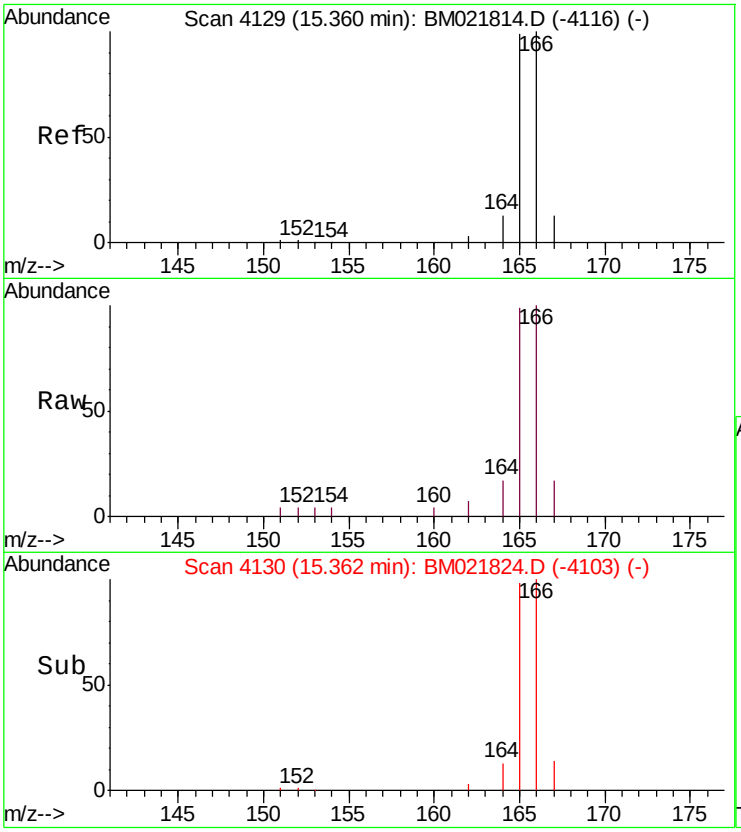


#8
Acenaphthene
Concen: 0.424 ng/ul
RT: 14.36 min Scan# 3866
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Tgt Ion:153 Resp: 2564

Ion	Ratio	Lower	Upper
153	100		
152	50.4	41.3	61.9
154	86.2	72.3	108.5



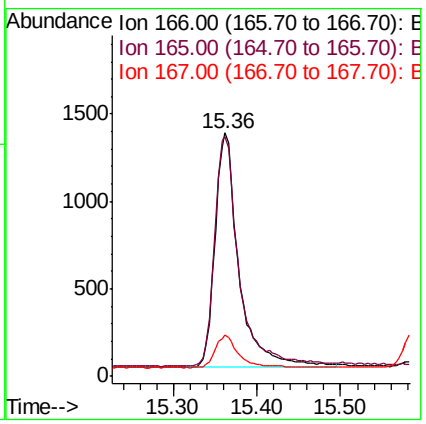


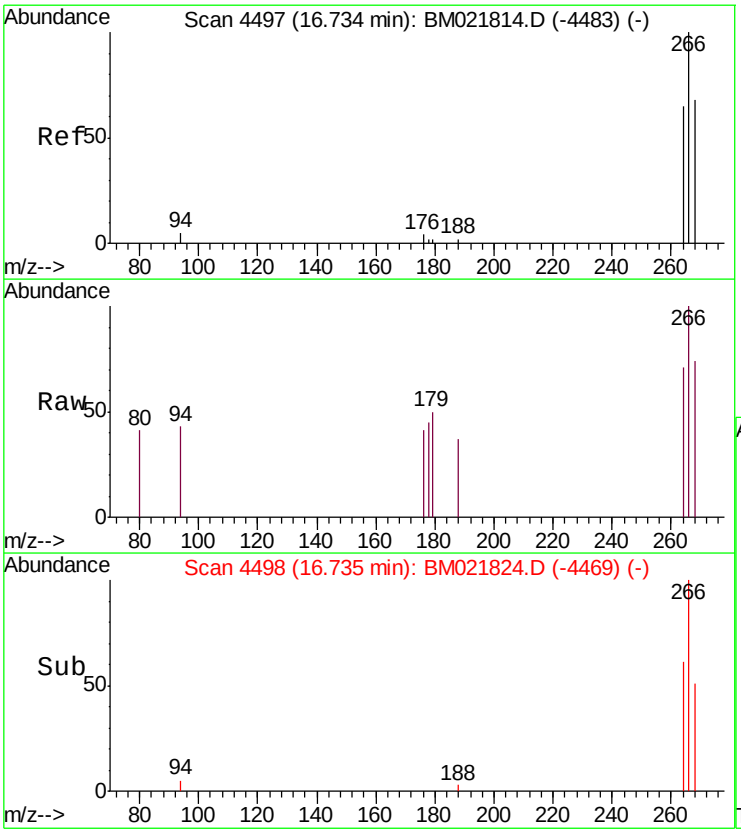
#9
Fluorene
Concen: 0.403 ng/ul
RT: 15.36 min Scan# 4130
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:166 Resp: 2703

Ion	Ratio	Lower	Upper
166	100		
165	98.7	81.4	122.0
167	17.0	13.7	20.5

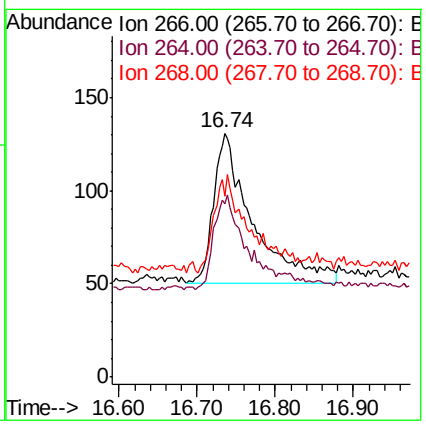


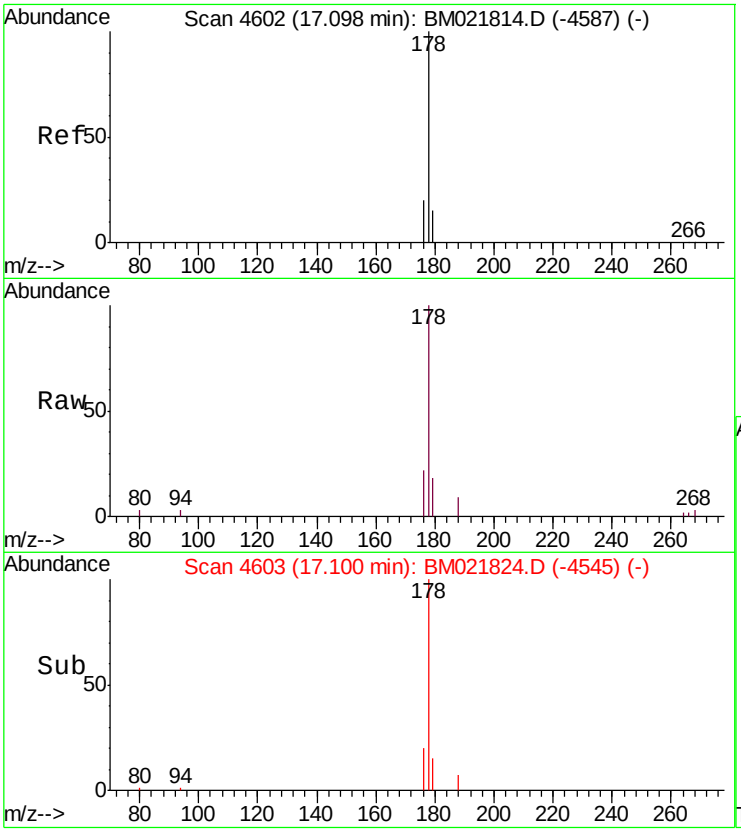


#11
Pentachlorophenol
Concen: 0.429 ng/ul
RT: 16.74 min Scan# 4498
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Tgt Ion:266 Resp: 282

Ion	Ratio	Lower	Upper
266	100		
264	56.4	54.2	81.2
268	59.6	57.6	86.4



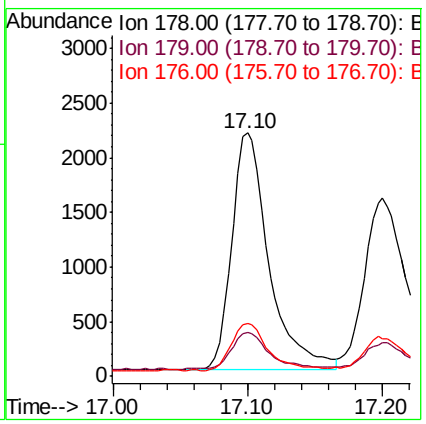


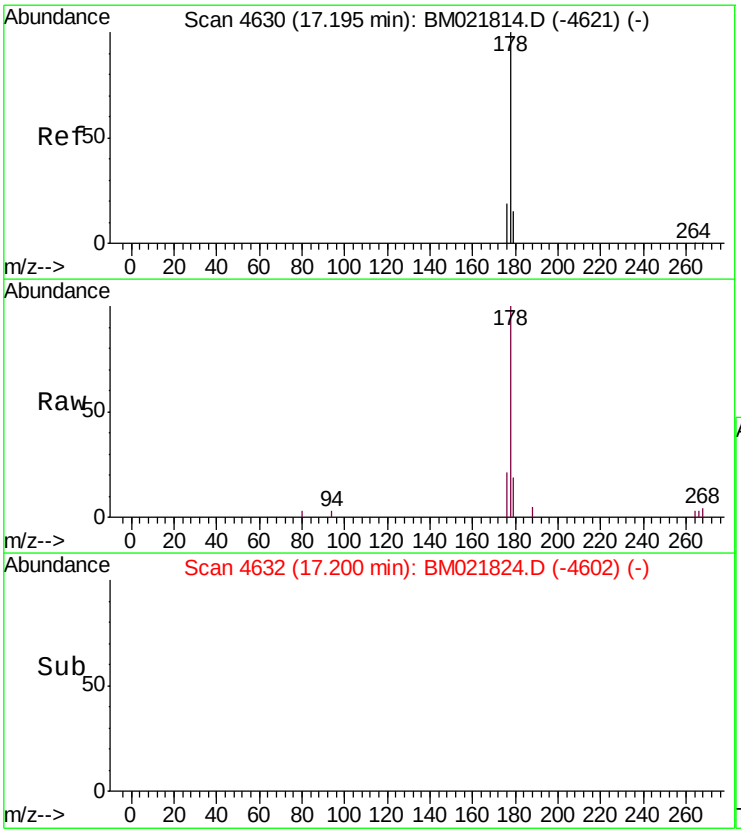
#12
Phenanthrene
Concen: 0.403 ng/ul
RT: 17.10 min Scan# 4603
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:178 Resp: 4174

Ion	Ratio	Lower	Upper
178	100		
179	18.0	14.2	21.2
176	21.6	16.8	25.2

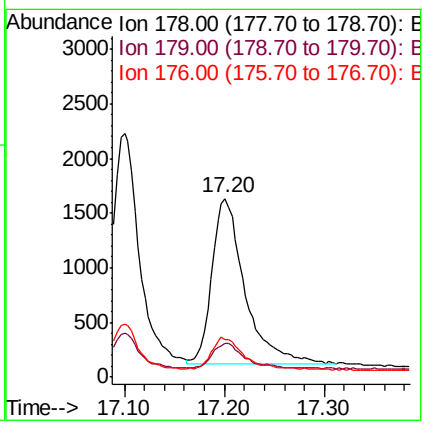


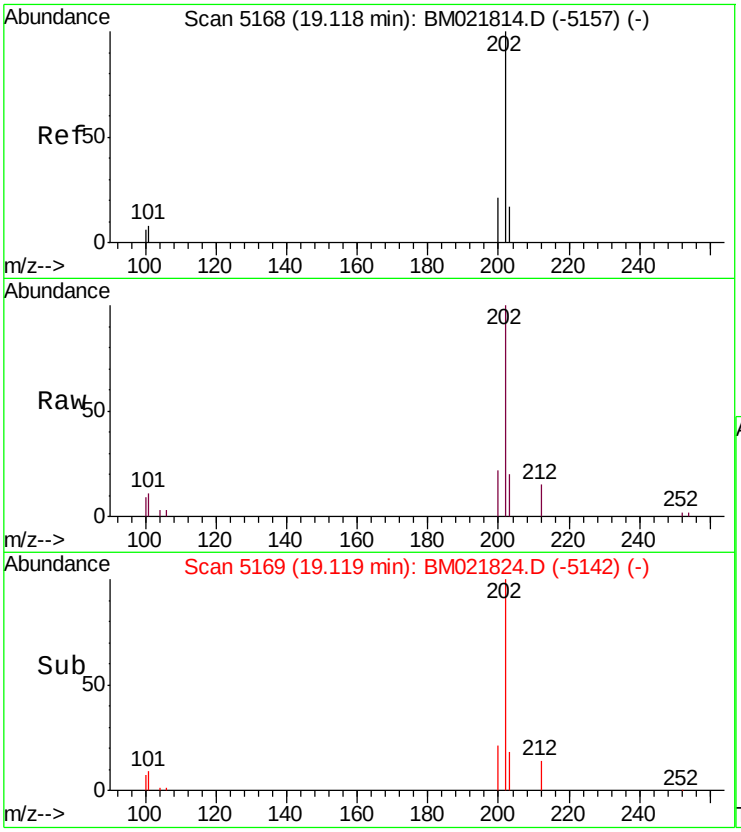


#13
Anthracene
Concen: 0.396 ng/ul
RT: 17.20 min Scan# 4632
Delta R.T. 0.01 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Tgt Ion:178 Resp: 3496

Ion	Ratio	Lower	Upper
178	100		
179	19.1	15.5	23.3
176	21.2	16.6	25.0



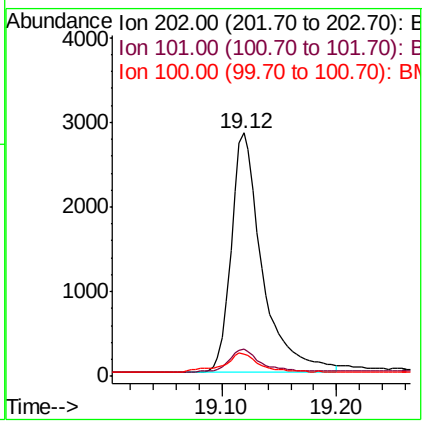


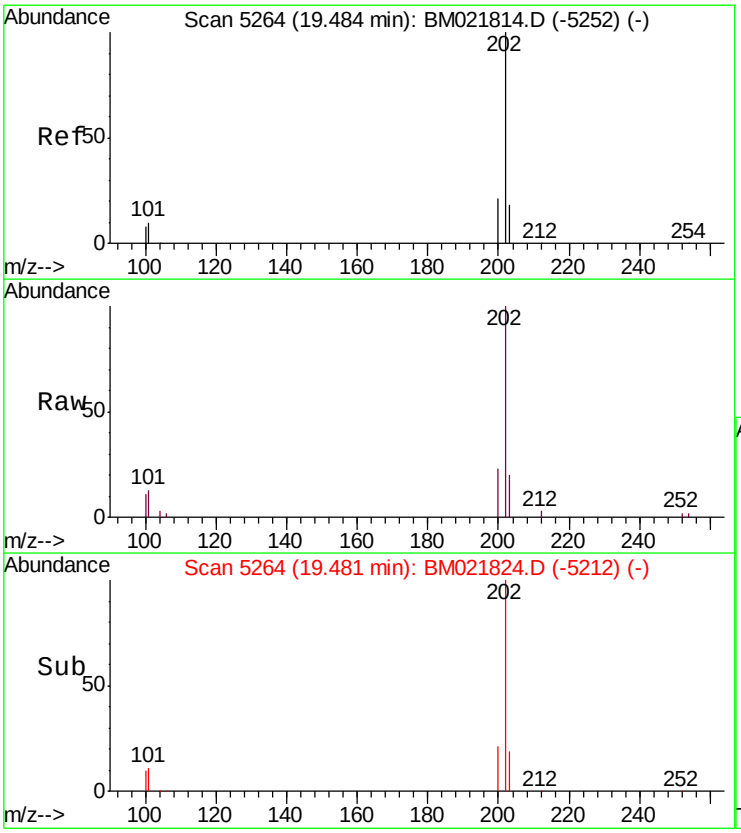
#15
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.12 min Scan# 5169
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:202 Resp: 5253

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.2
100	9.0	0.0	28.1

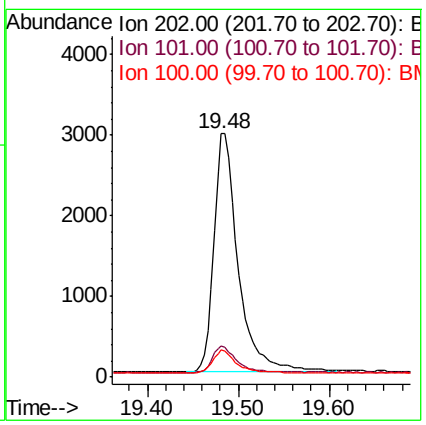


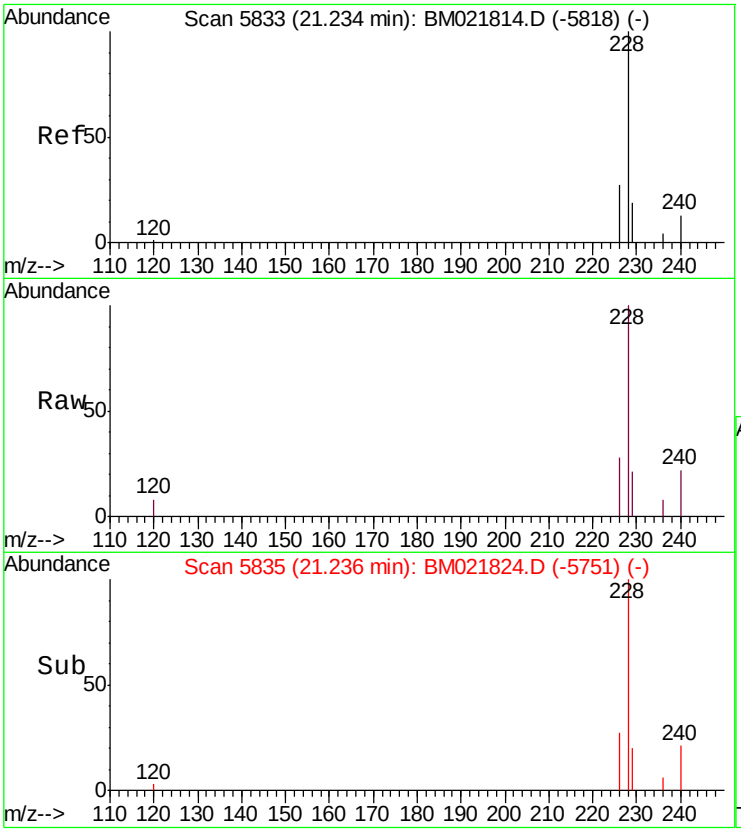


#17
Pyrene
Concen: 0.397 ng/ul
RT: 19.48 min Scan# 5264
Delta R.T. -0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Tgt Ion:202 Resp: 5533

Ion	Ratio	Lower	Upper
202	100		
101	12.9	8.3	12.5#
100	11.1	7.2	10.8#



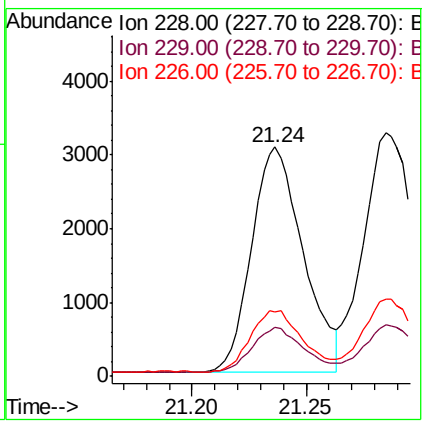


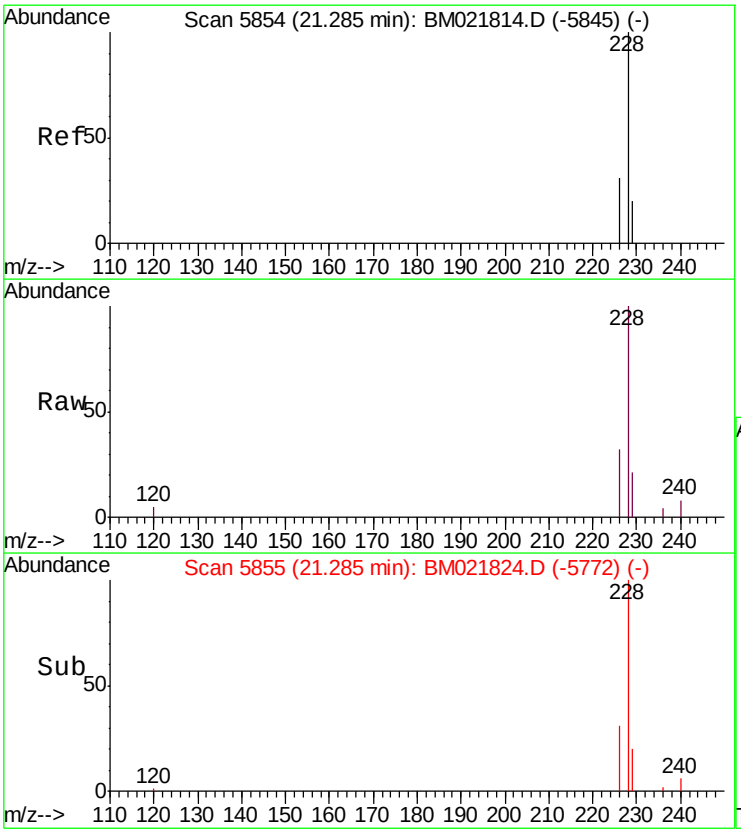
#18
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.24 min Scan# 5835
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:228 Resp: 4799

Ion	Ratio	Lower	Upper
228	100		
229	21.2	17.2	25.8
226	28.3	22.6	34.0

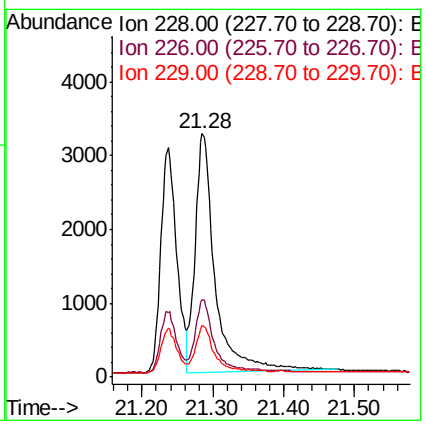


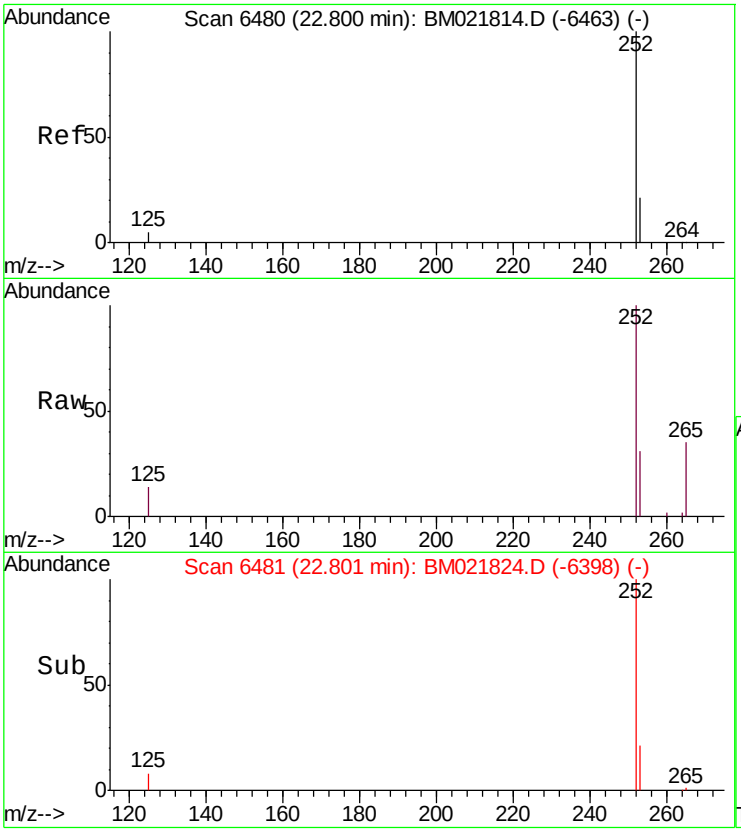


#19
Chrysene
Concen: 0.404 ng/ul
RT: 21.28 min Scan# 5855
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Tgt Ion:228 Resp: 6299

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	21.1	16.6	25.0



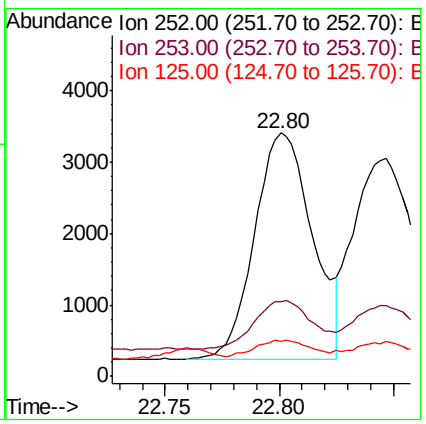


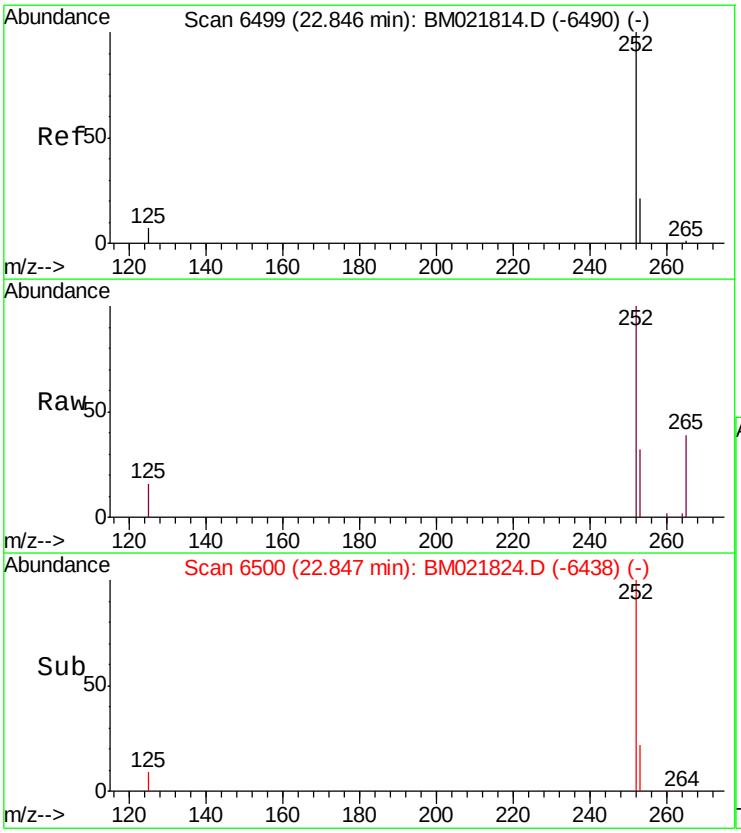
#21
Benzo(b)fluoranthene
Concen: 0.408 ng/ul
RT: 22.80 min Scan# 6481
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:252 Resp: 5570

Ion	Ratio	Lower	Upper
252	100		
253	30.8	0.0	67.4
125	14.2	0.0	31.0

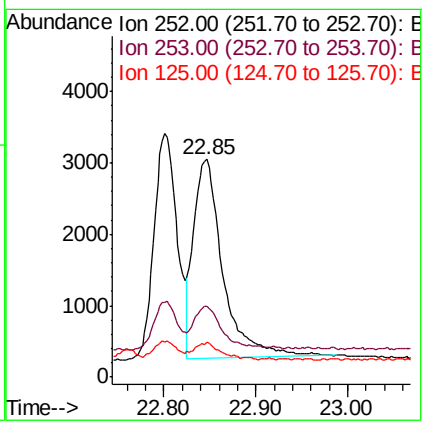


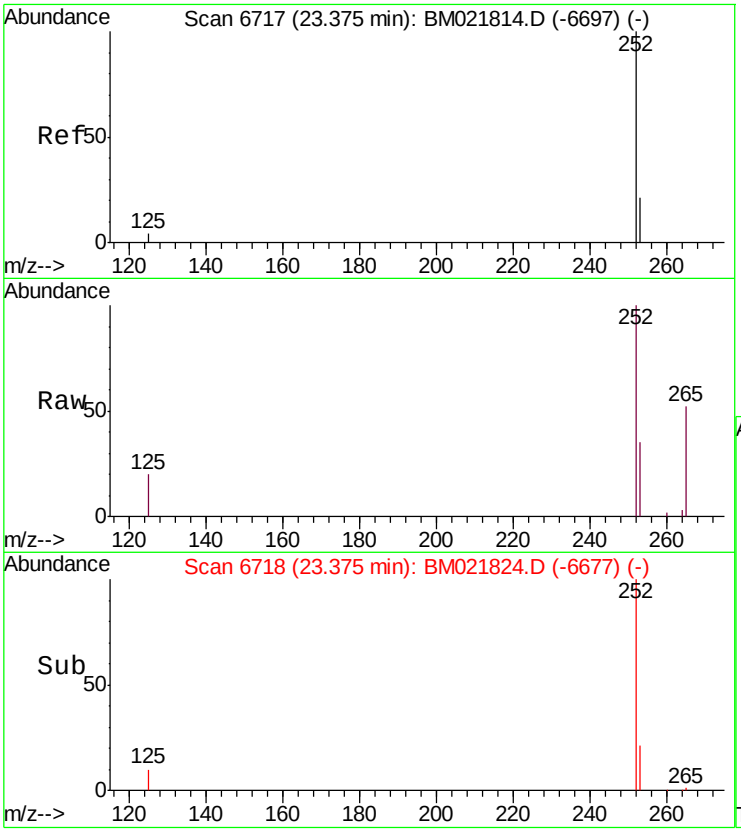


#22
Benzo(k)fluoranthene
Concen: 0.399 ng/ul
RT: 22.85 min Scan# 6500
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Tgt Ion:252 Resp: 6154

Ion	Ratio	Lower	Upper
252	100		
253	32.3	27.0	40.4
125	16.0	12.2	18.2



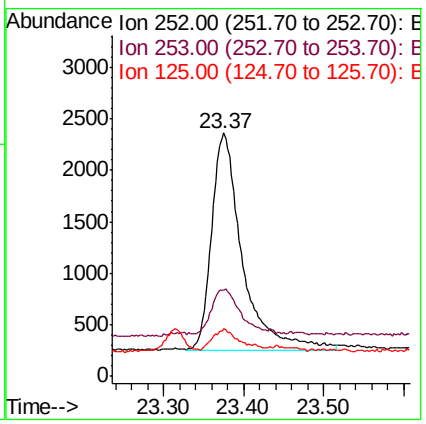


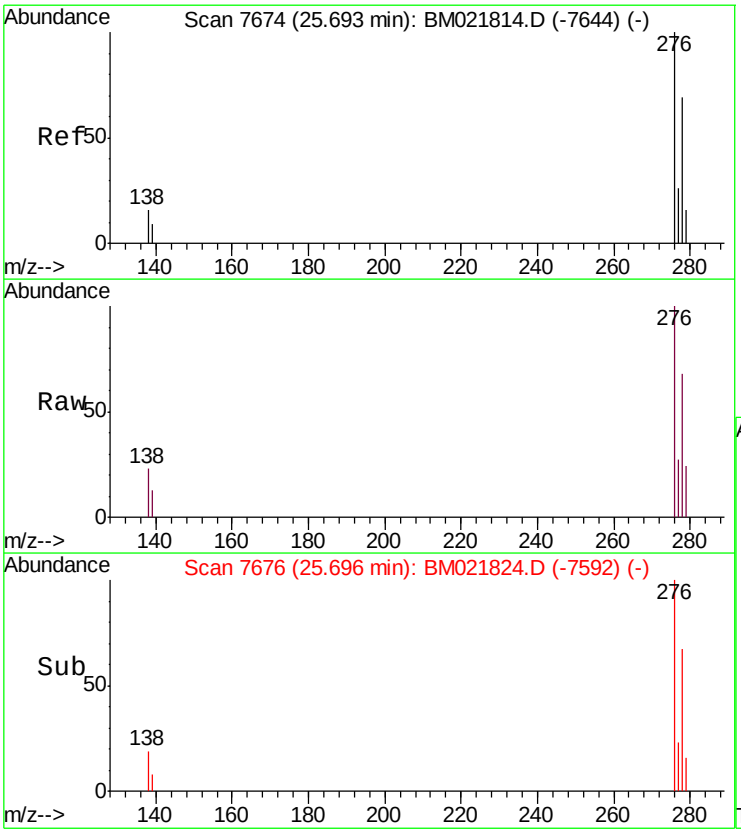
#23
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.37 min Scan# 6718
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:252 Resp: 5564

Ion	Ratio	Lower	Upper
252	100		
253	35.2	31.7	47.5
125	19.5	14.6	21.8

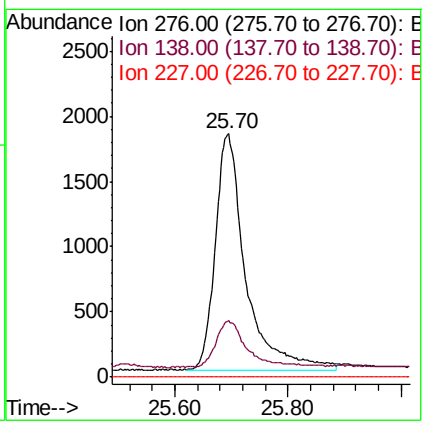


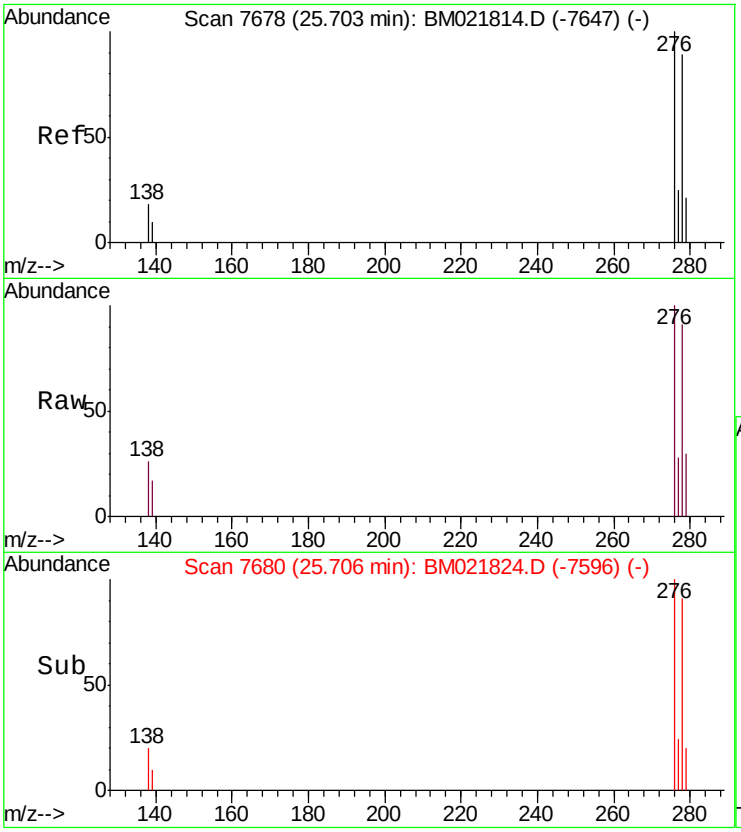


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 25.70 min Scan# 7676
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Tgt Ion:276 Resp: 6728

Ion	Ratio	Lower	Upper
276	100		
138	20.5	15.1	22.7
227	0.0	0.0	0.0



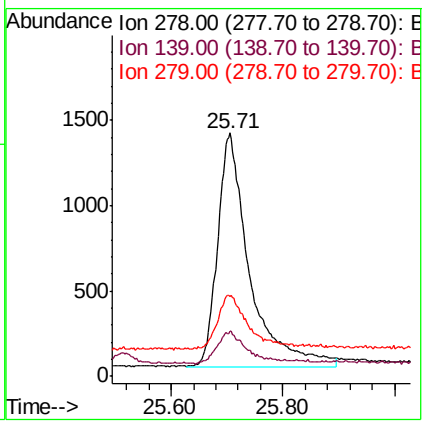


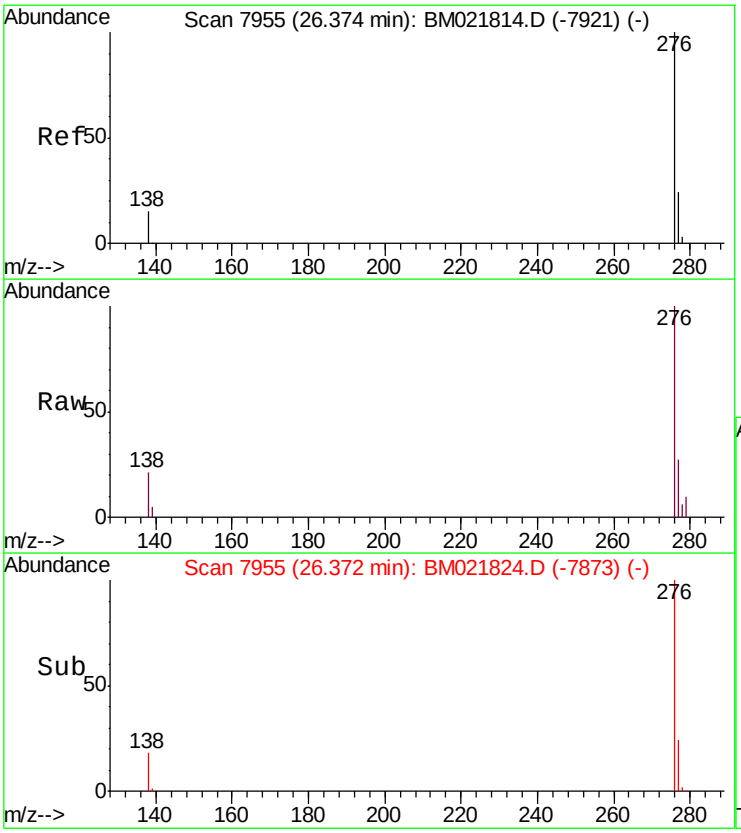
#25
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 25.71 min Scan# 7680
Delta R.T. 0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:278 Resp: 5386

Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.2	21.2
279	32.7	28.3	42.5





#26
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 26.37 min Scan# 7955
Delta R.T. -0.00 min
Lab File: BM021824.D
Acq: 04 Aug 2019 23:17

Tgt Ion:276 Resp: 5998

Ion	Ratio	Lower	Upper
276	100		
138	21.4	15.5	23.3
277	27.0	21.4	32.2