Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\

Quantitation Report (Not Reviewed)

Data File : BM023242.D
Acq On : 18 Oct 2019 05:17
Operator : JU
Sample : K5262-21DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFBB1DL

Quant Time: Oct 18 07:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	420788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1659463	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	1033956	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2087074	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2144496	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2620265	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	3199	0.33	ng/uL	0.00
5) Phenol-d5	6.83	99	65872	1.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	34411	1.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	52249	1.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	50071	1.70	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	21895	1.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	24098	2.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	54286	2.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	15141	0.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	165607	2.09	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	188764	2.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	17422	1.36	ng/ul	0.00
58) Fluorene-d10	15.30	176	151012	2.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	8306	1.00	ng/ul	0.00
71) Anthracene-d10	17.15	188	233485	2.32	ng/ul	0.00
79) Pyrene-d10	19.44	212	248645	2.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	295736	2.23	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.49	128	370380	4.318	ng/ul	98
30) 4-Chloroaniline	10.49	127	48963	1.431	ng/ul#	12
34) 2-Methylnaphthalene	12.11	142	103356	1.619	ng/ul	97
35) 1-Methylnaphthalene	12.33	142	85607	1.386	ng/ul	99
48) Acenaphthylene	14.03	152	1401745	14.752	ng/ul	99
50) Acenaphthene	14.37	153	275998	4.171	ng/ul	99
54) Dibenzofuran	14.70	168	351328	3.740	ng/ul	99
59) Fluorene	15.36	166	425428	5.520	ng/ul	97
70) Phenanthrene	17.09	178	5686380	48.548	ng/ul	100
72) Anthracene	17.19	178	1728714	14.283	ng/ul	99
75) Carbazole	17.45	167	743434	6.876	ng/ul	100
77) Fluoranthene	19.12	202	9412740	67.572	ng/ul	99
80) Pyrene	19.48	202	8890320	66.176	ng/ul	98
83) Benzo(a)anthracene	21.28	228	4631401	31.873	ng/ul	93
85) Chrysene	21.28	228	4631401	34.327	ng/ul	96
88) Benzo(b)fluoranthene	22.80	252	8549313	53.814	ng/ul	97
89) Benzo(k)fluoranthene	22.80	252	8549313	56.044	ng/ul	97
91) Benzo(a)pyrene	23.37	252	6419694	42.119	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.69	276	4722117	26.043	ng/ul#	96
93) Dibenzo(a,h)anthracene	25.70	278	1257091	8.292	ng/ul#	85
94) Benzo(g,h,i)perylene	26.37	276	4077637	27.313	ng/ul	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\

Quantitation Report (Not Reviewed)

Data File : BM023242.D
Acq On : 18 Oct 2019 05:17
Operator : JU
Sample : K5262-21DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFBB1DL

Quant Time: Oct 18 07:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

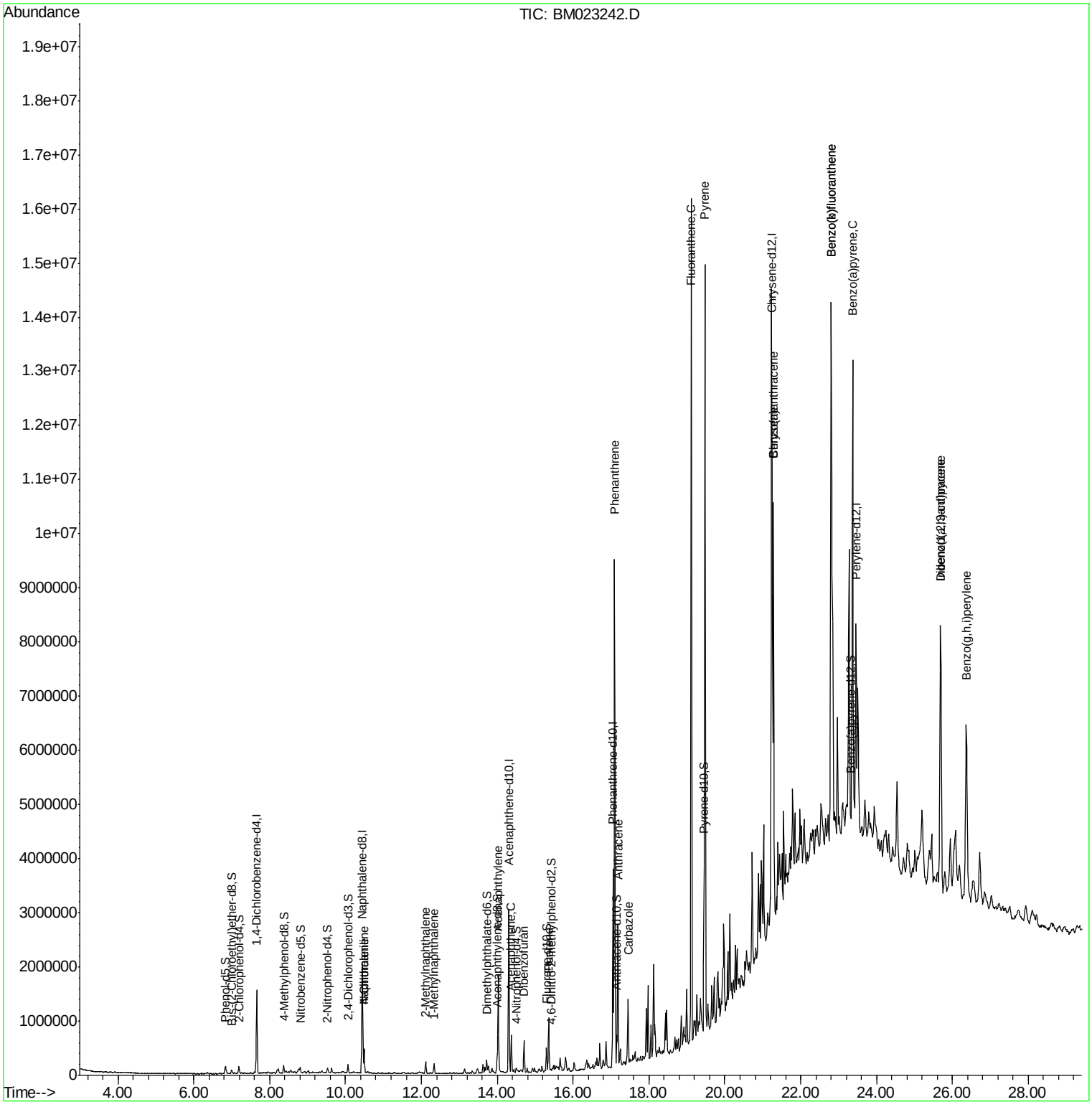
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\

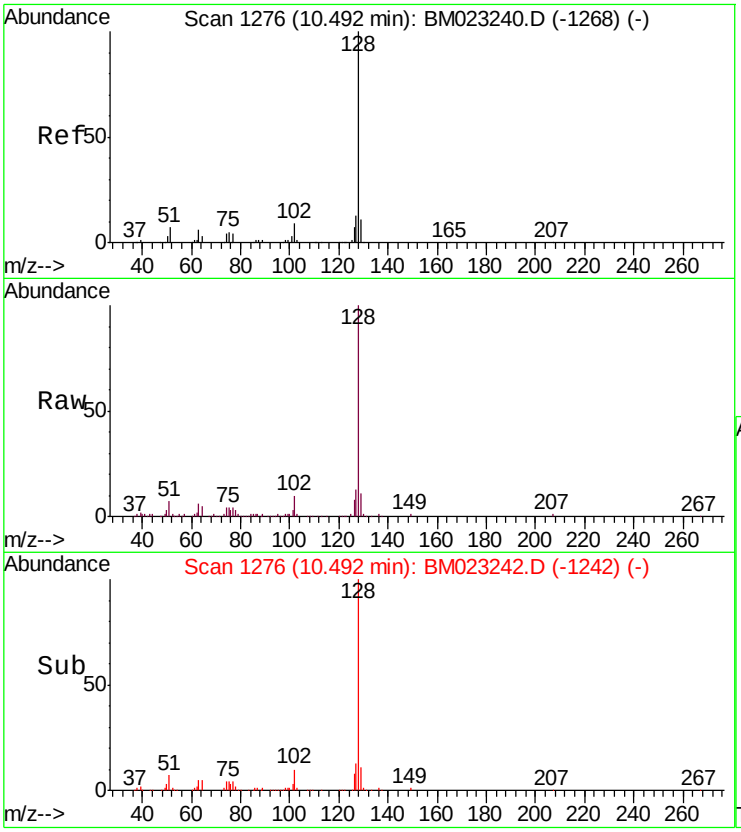
Quantitation Report (Not Reviewed)

Data File : BM023242.D
Acq On : 18 Oct 2019 05:17
Operator : JU
Sample : K5262-21DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFBB1DL

Quant Time: Oct 18 07:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration



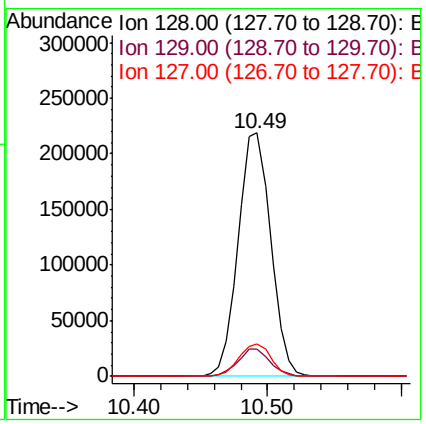


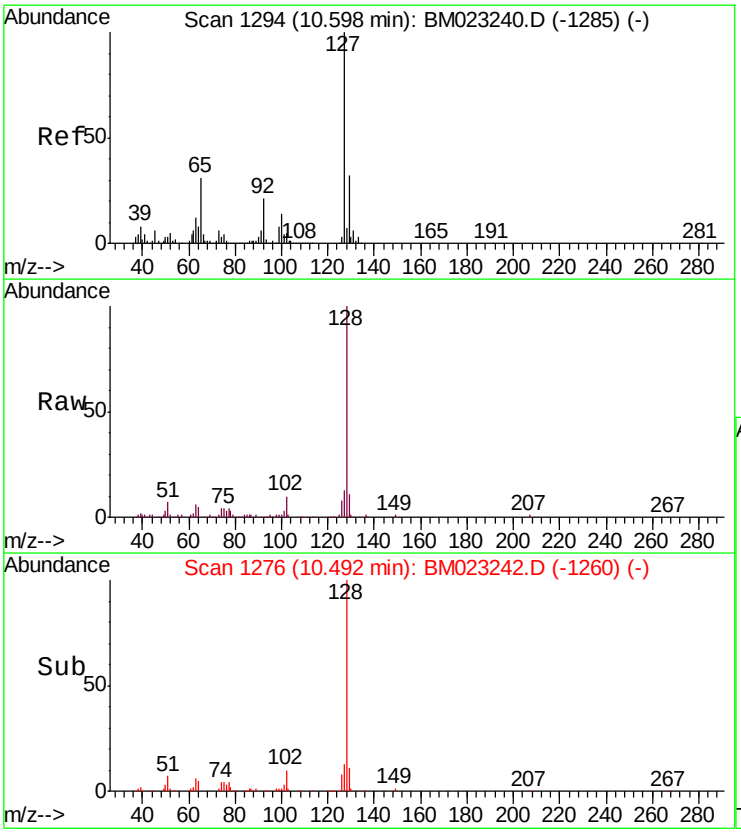
#28
Naphthalene
Concen: 4.318 ng/ul
RT: 10.49 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Instrument :
BNA_M
ClientSampleId :
BFBB1DL

Tgt Ion:128 Resp: 370380

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.4	10.2	15.4

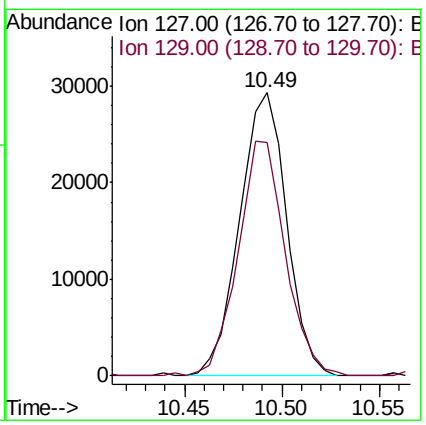


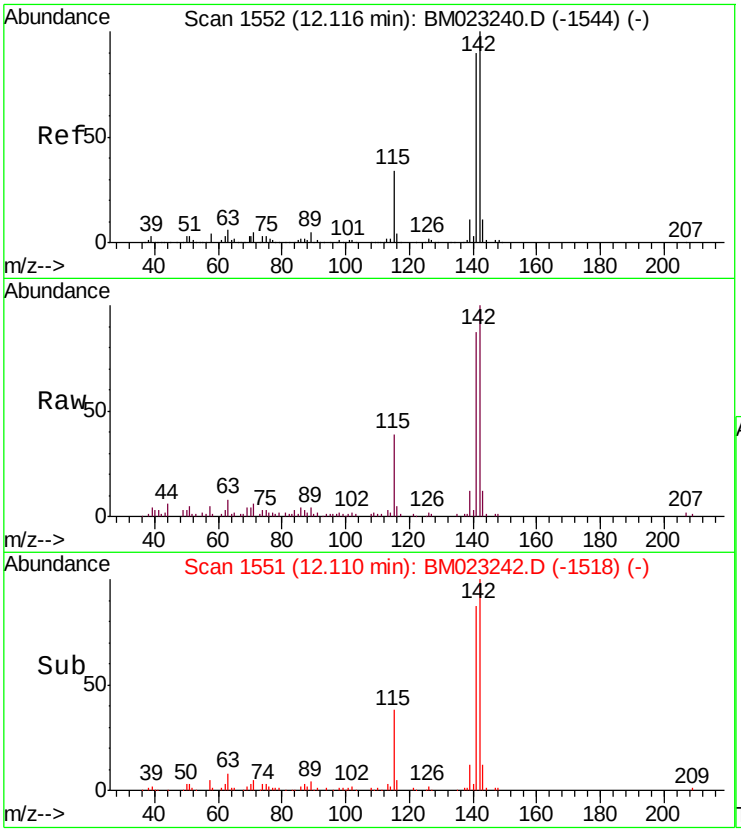


#30
4-Chloroaniline
Concen: 1.431 ng/ul
RT: 10.49 min Scan# 1276
Delta R.T. -0.11 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Tgt Ion:127 Resp: 48963

Ion	Ratio	Lower	Upper
127	100		
129	82.4	26.3	39.5#



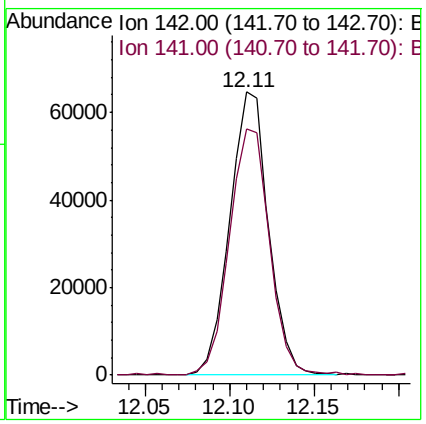


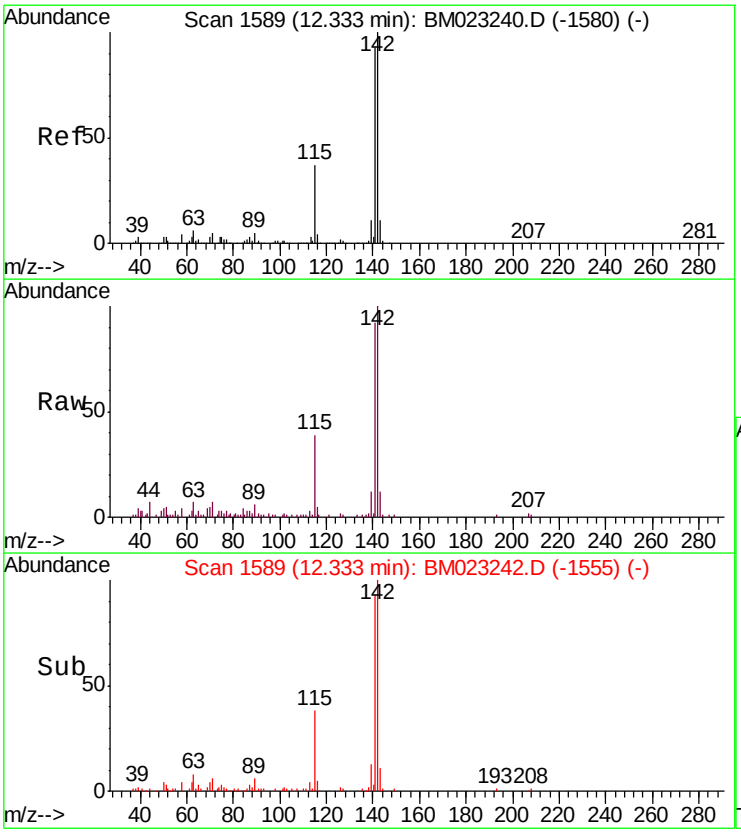
#34
2-Methylnaphthalene
Concen: 1.619 ng/ul
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Instrument :
BNA_M
ClientSampleId :
BFBB1DL

Tgt Ion:142 Resp: 103356

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.1	108.1

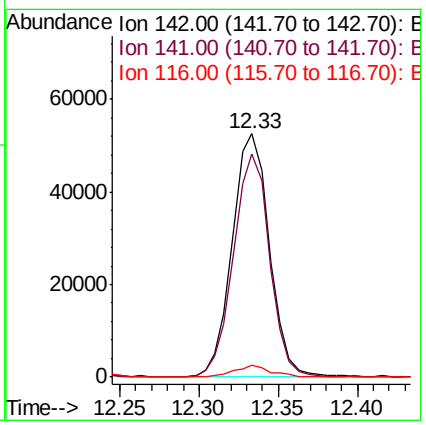


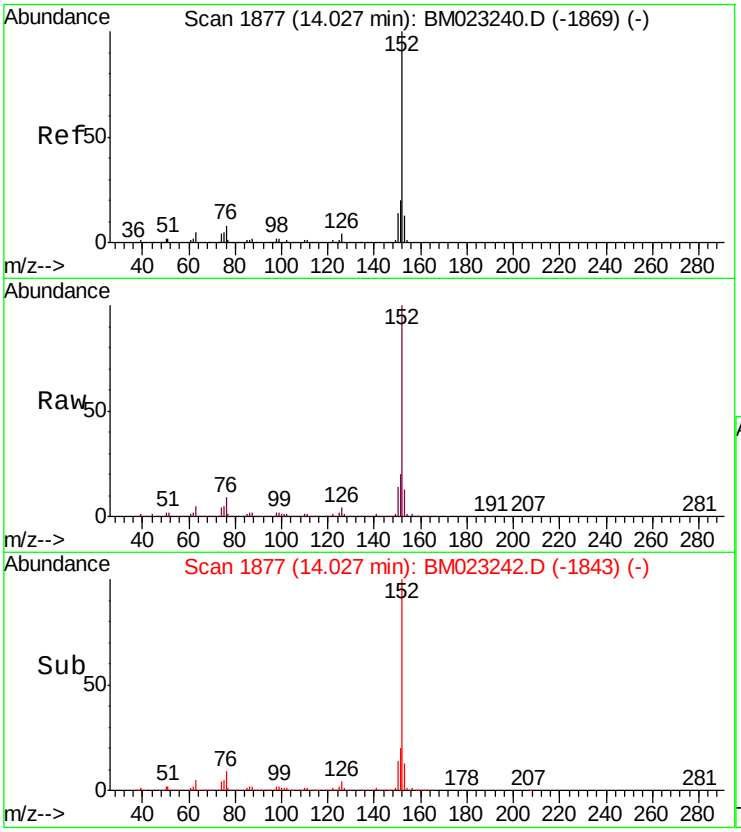


#35
1-Methylnaphthalene
Concen: 1.386 ng/ul
RT: 12.33 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Tgt Ion:142 Resp: 85607

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.2
116	4.7	3.3	4.9



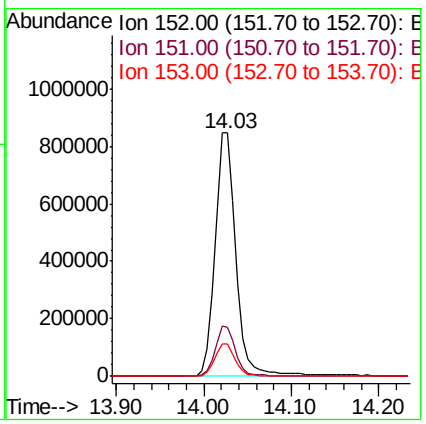


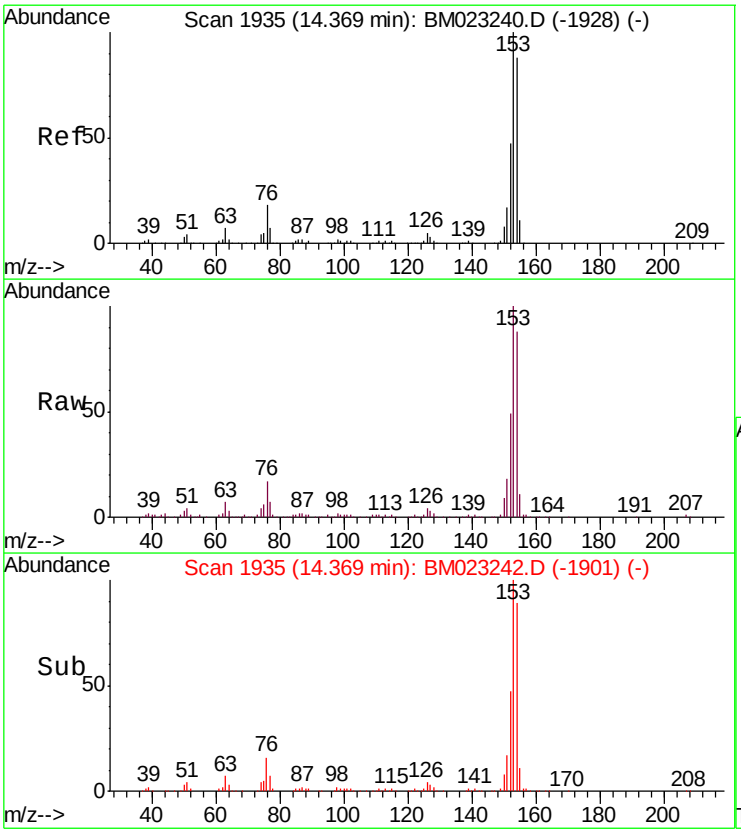
#48
Acenaphthylene
Concen: 14.752 ng/ul
RT: 14.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Instrument :
BNA_M
ClientSampleId :
BFBB1DL

Tgt Ion:152 Resp: 1401745

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.6
153	13.1	10.3	15.5

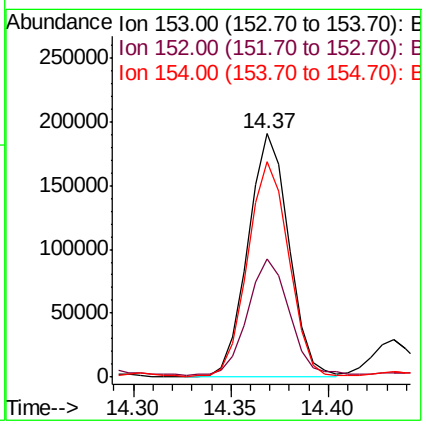


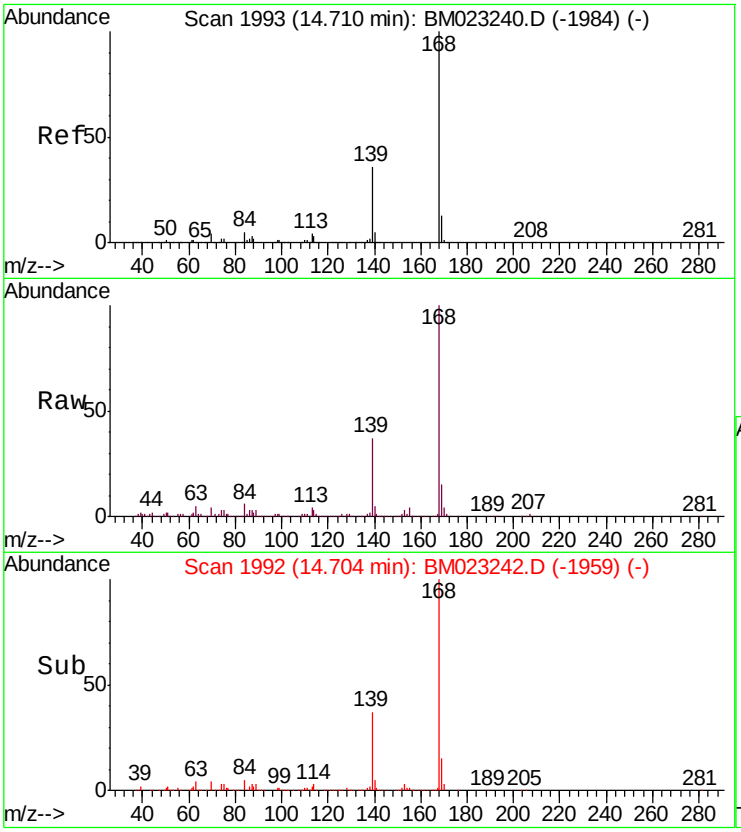


#50
Acenaphthene
Concen: 4.171 ng/ul
RT: 14.37 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Tgt Ion:153 Resp: 275998

Ion	Ratio	Lower	Upper
153	100		
152	48.7	38.0	57.0
154	88.3	70.4	105.6



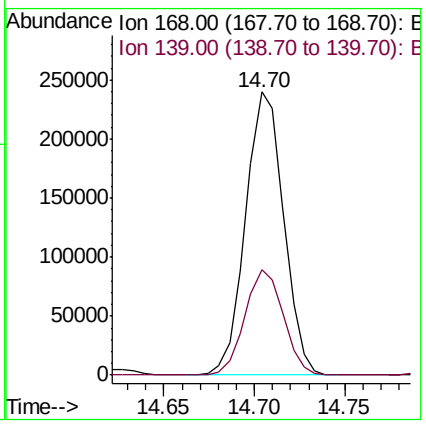


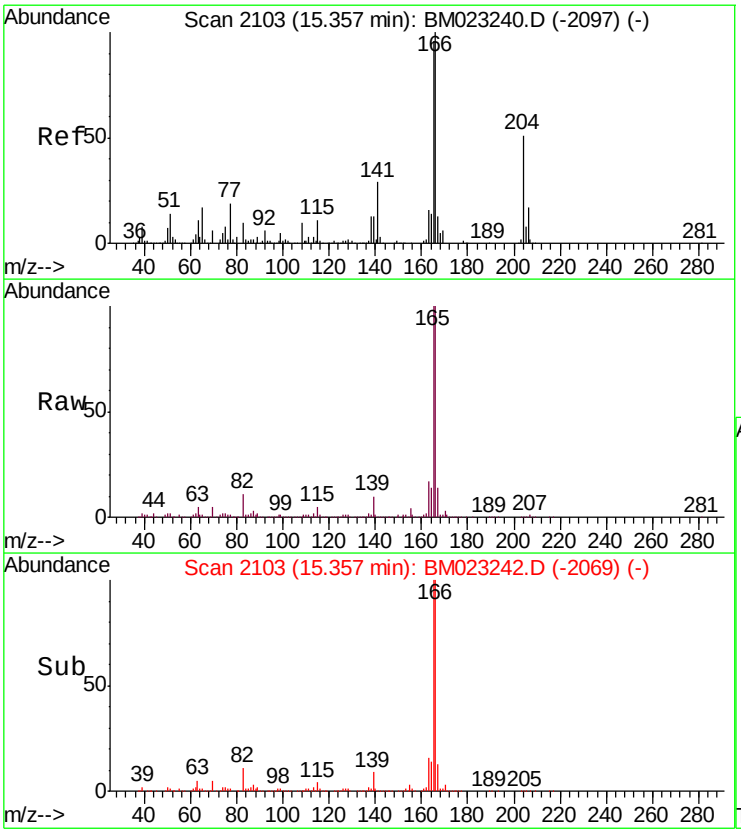
#54
Dibenzofuran
Concen: 3.740 ng/ul
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Instrument :
BNA_M
ClientSampleId :
BFBB1DL

Tgt Ion:168 Resp: 351328

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1

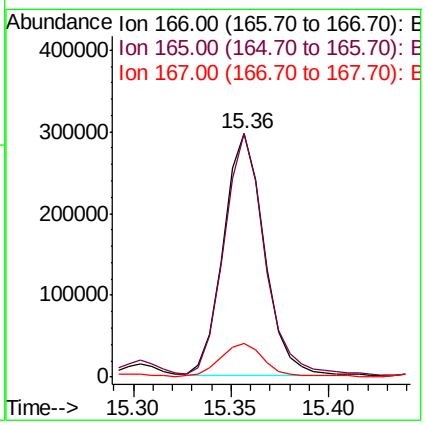


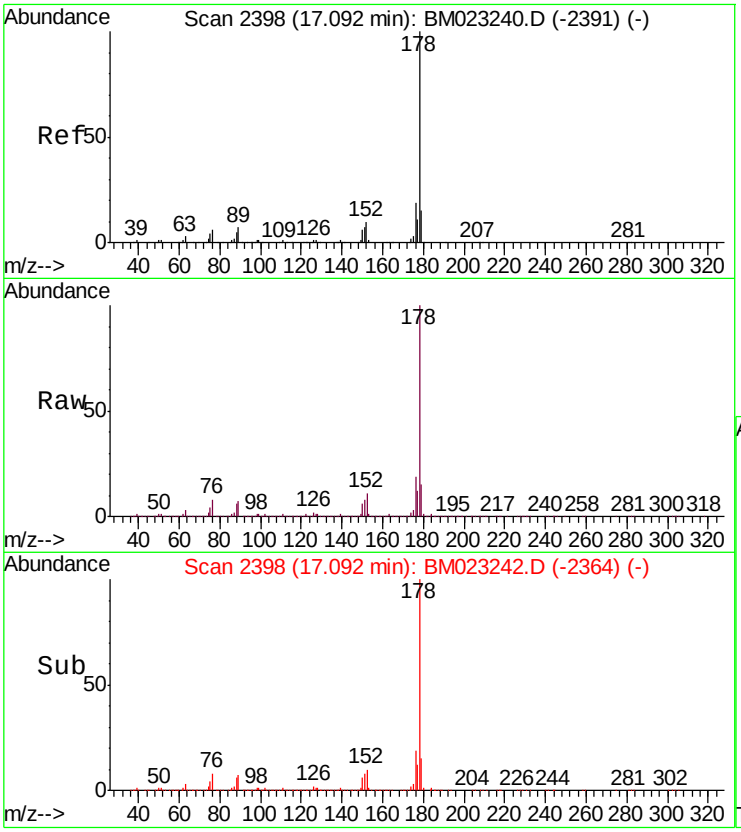


#59
Fluorene
Concen: 5.520 ng/ul
RT: 15.36 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Tgt Ion:166 Resp: 425428

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.4	116.0
167	13.8	10.8	16.2



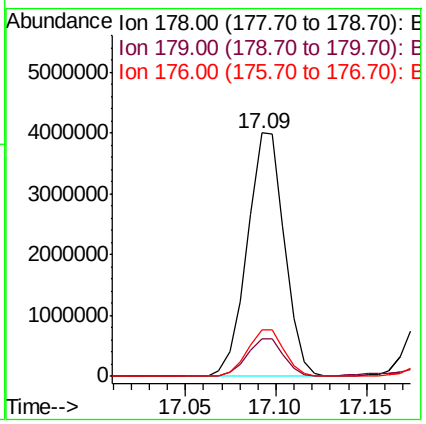


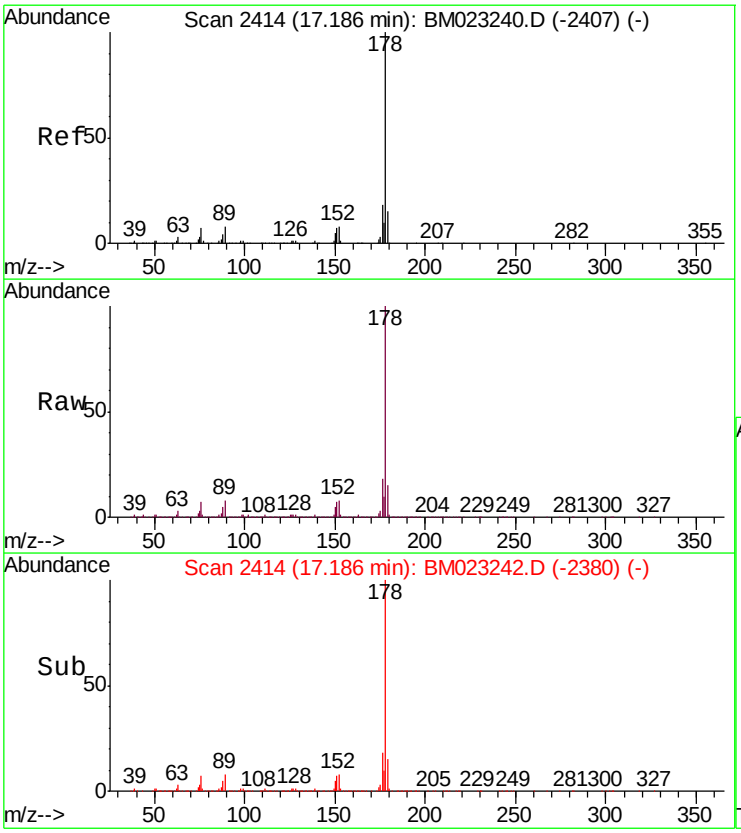
#70
Phenanthrene
Concen: 48.548 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Instrument :
BNA_M
ClientSampleId :
BFBB1DL

Tgt Ion:178 Resp: 5686380

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.3	15.5	23.3

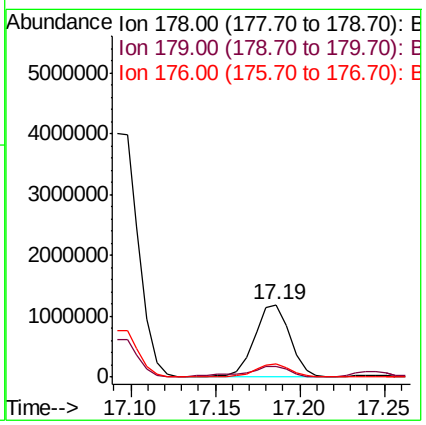


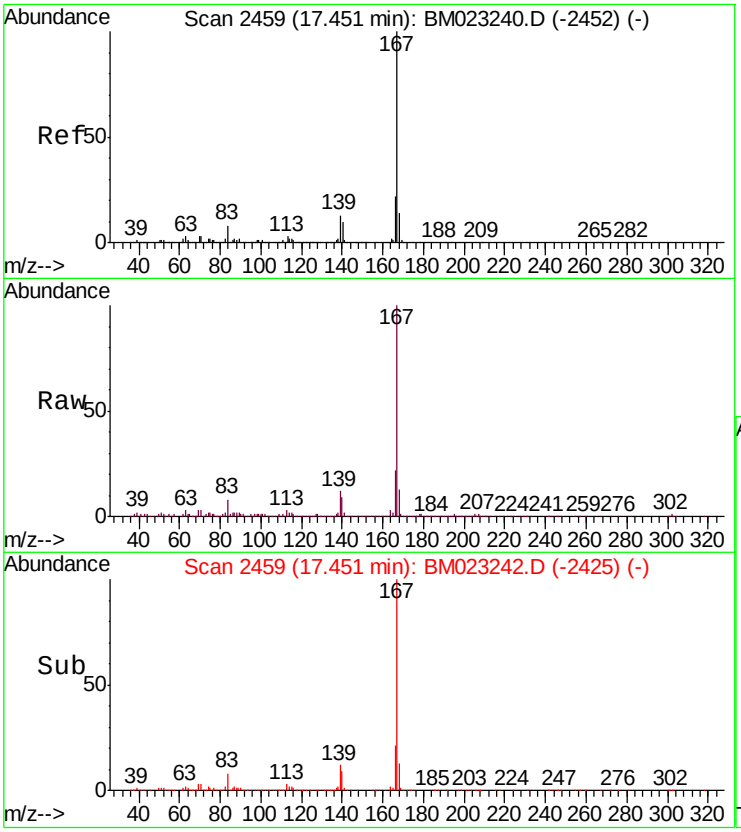


#72
Anthracene
Concen: 14.283 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Tgt Ion:178 Resp: 1728714

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.3	15.0	22.4



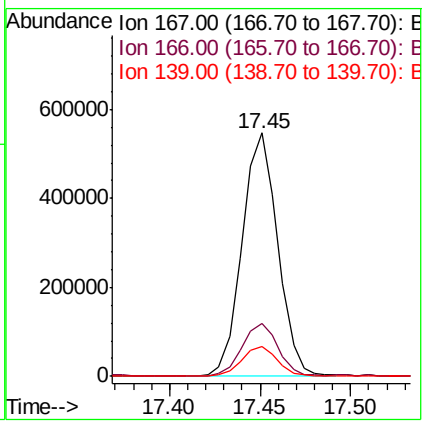


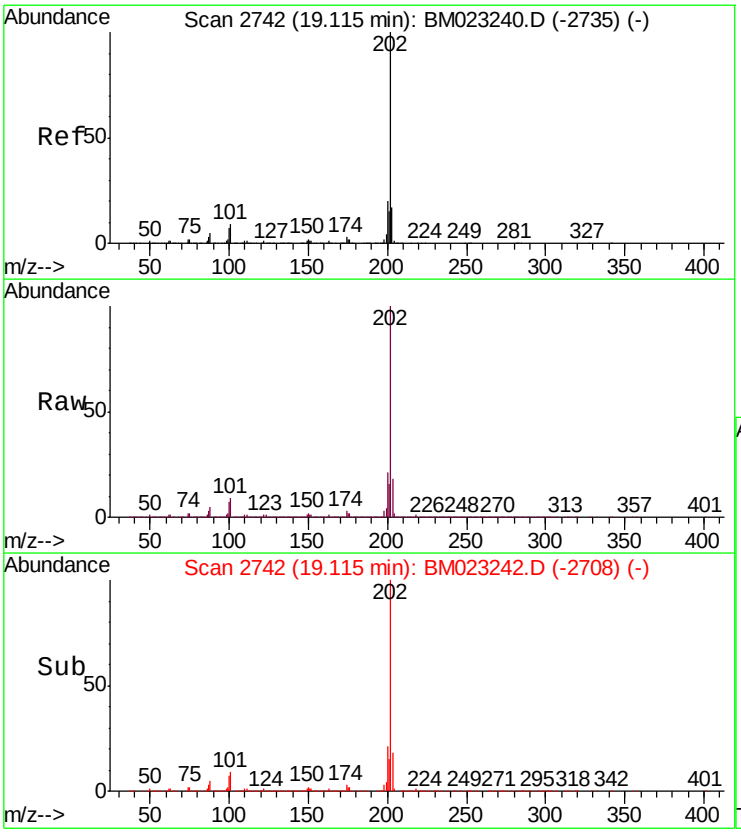
#75
Carbazole
Concen: 6.876 ng/ul
RT: 17.45 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Instrument :
BNA_M
ClientSampleId :
BFBB1DL

Tgt Ion:167 Resp: 743434

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	12.3	10.2	15.2

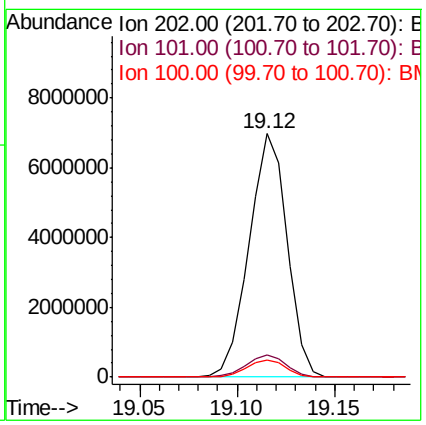


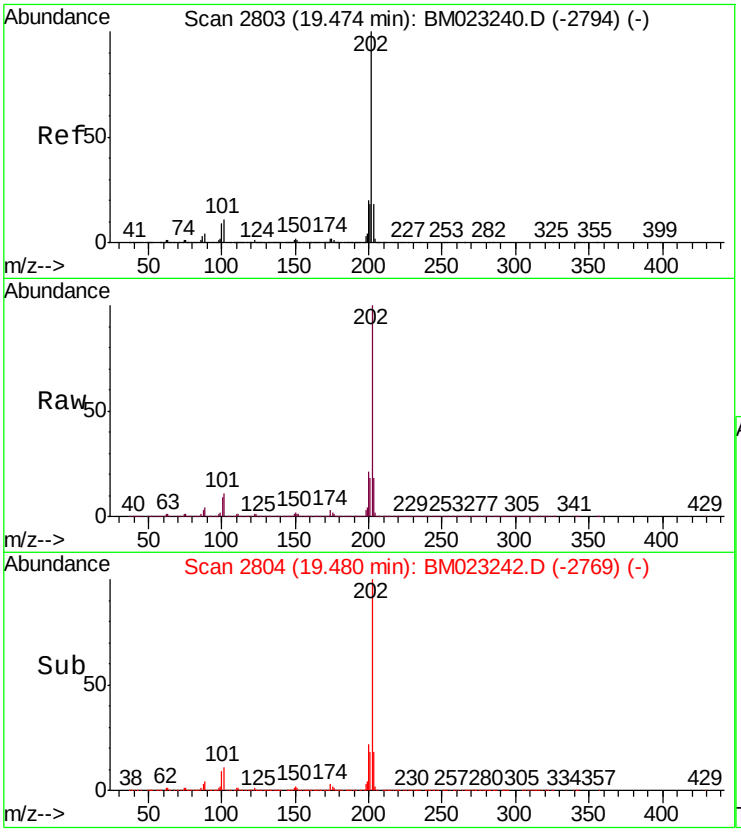


#77
Fluoranthene
Concen: 67.572 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Tgt Ion:202 Resp: 9412740

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.8	11.8
100	7.2	6.1	9.1



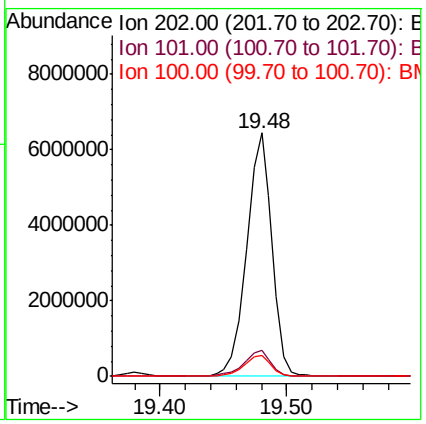


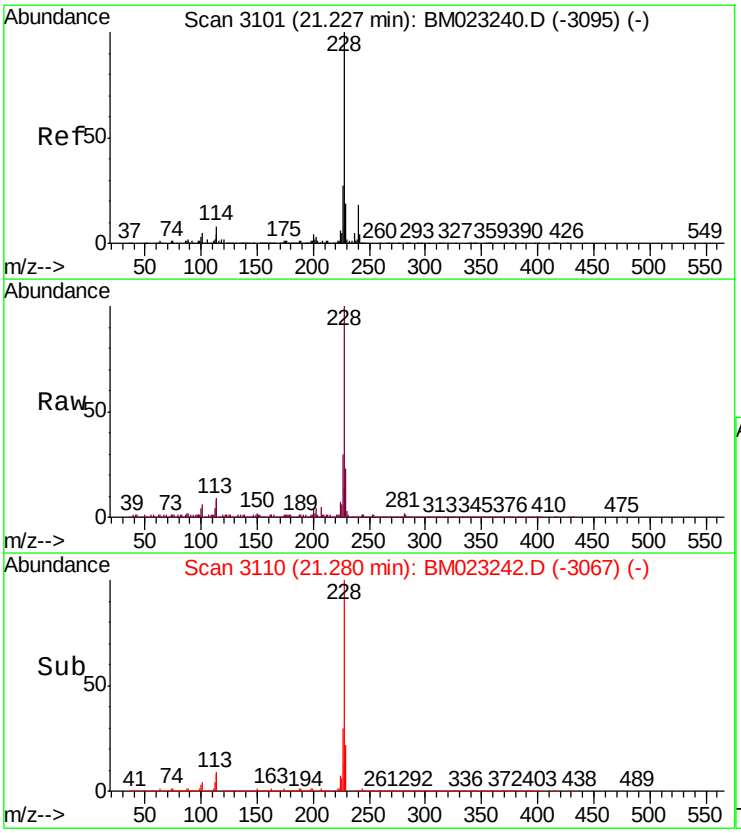
#80
Pyrene
Concen: 66.176 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Instrument :
BNA_M
ClientSampleId :
BFBB1DL

Tgt Ion:202 Resp: 8890320

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.1	13.7
100	8.8	7.5	11.3

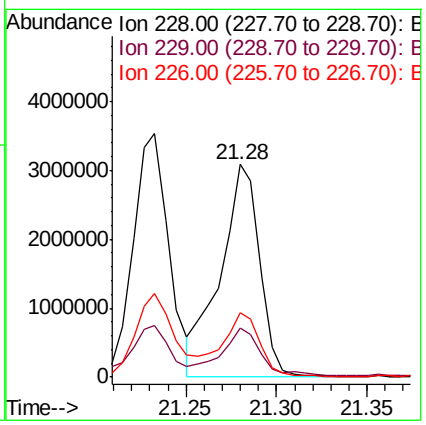


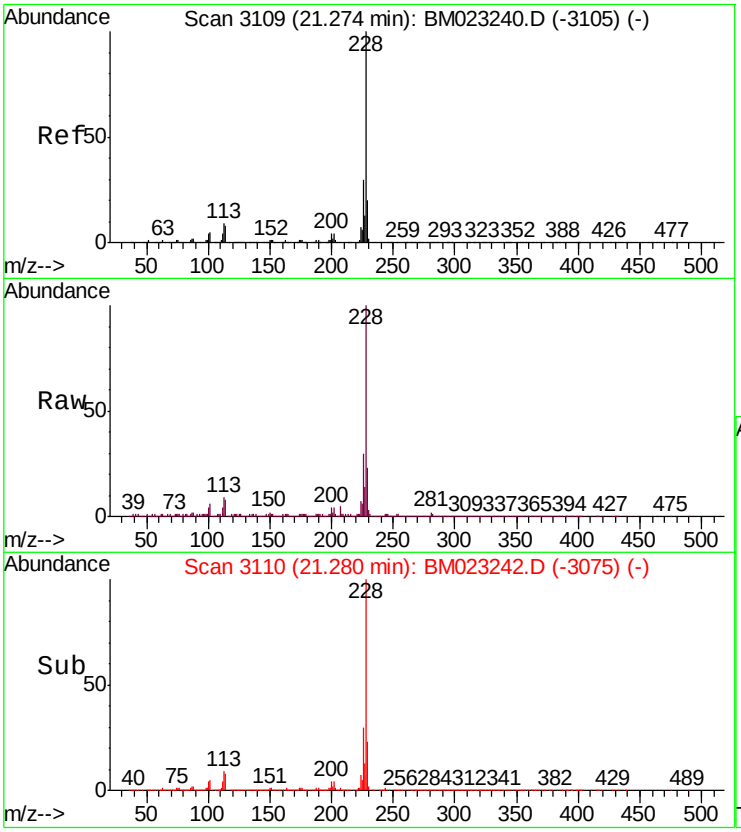


#83
Benzo(a)anthracene
Concen: 31.873 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.05 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Tgt Ion:228 Resp: 4631401

Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.7	23.5
226	30.2	21.6	32.4



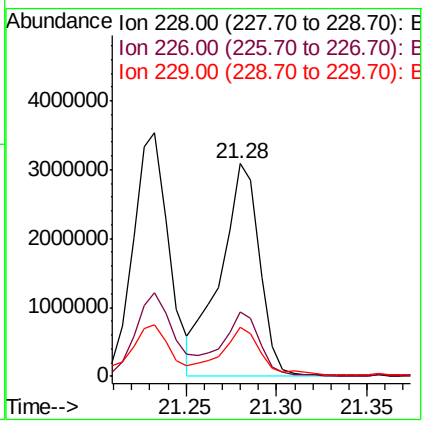


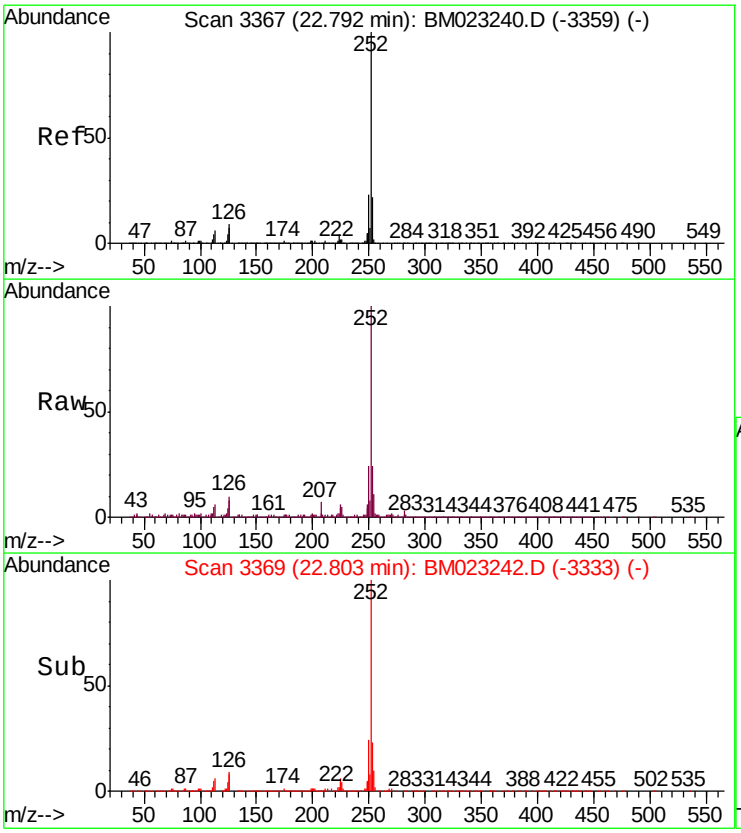
#85
Chrysene
Concen: 34.327 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Instrument :
BNA_M
ClientSampleId :
BFBB1DL

Tgt Ion:228 Resp: 4631401

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	23.1	15.5	23.3

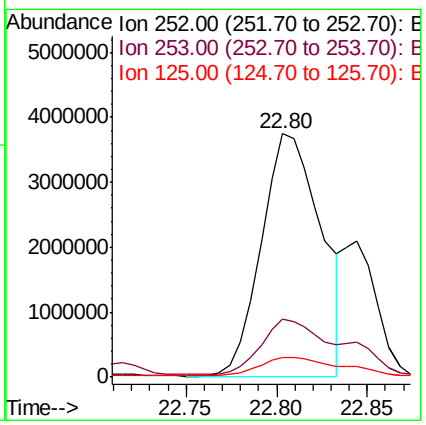


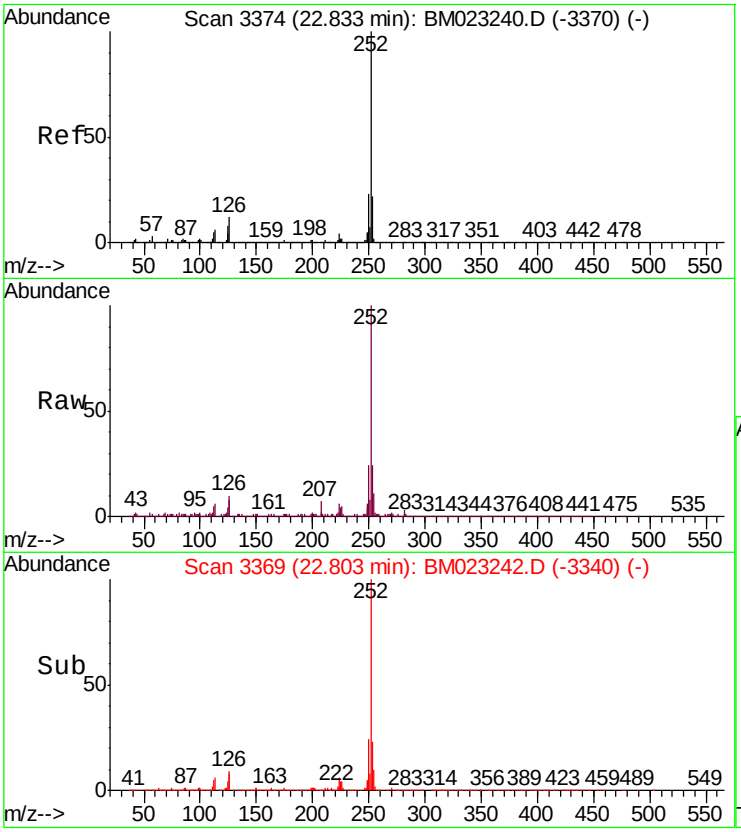


#88
Benzo(b)fluoranthene
Concen: 53.814 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Tgt Ion:252 Resp: 8549313

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	8.2	6.4	9.6



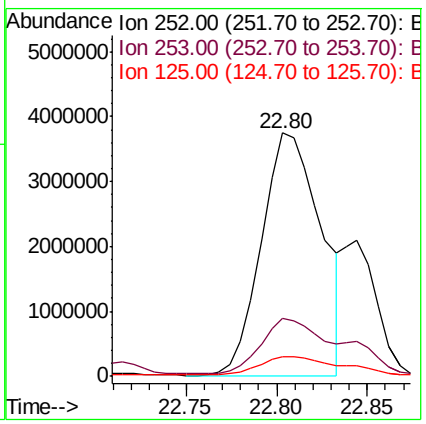


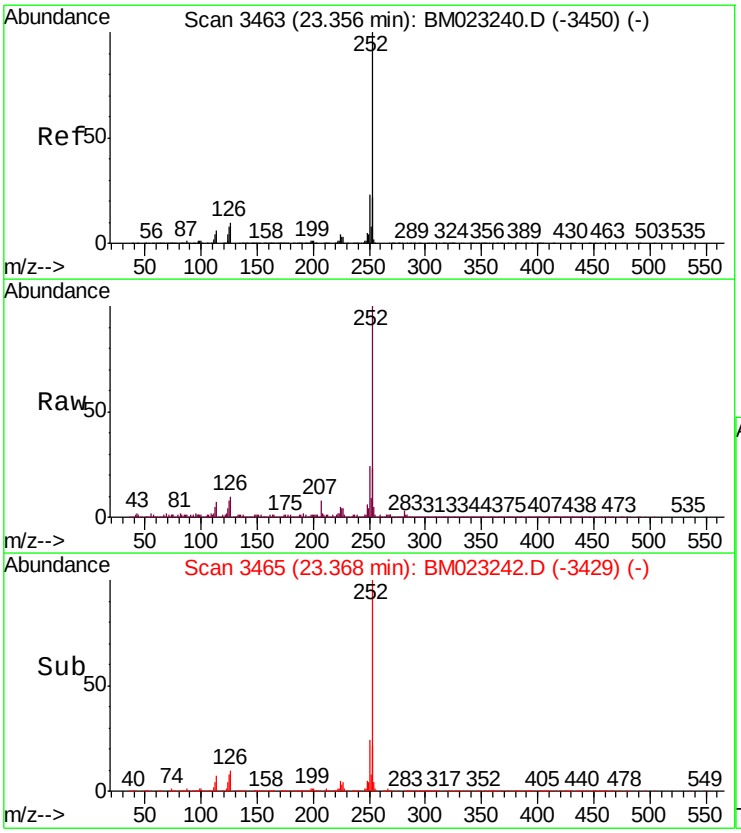
#89
Benzo(k)fluoranthene
Concen: 56.044 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. -0.03 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Instrument :
BNA_M
ClientSampleId :
BFBB1DL

Tgt Ion:252 Resp: 8549313

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	8.2	6.5	9.7

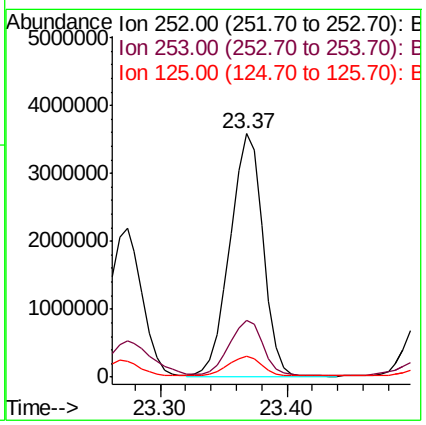


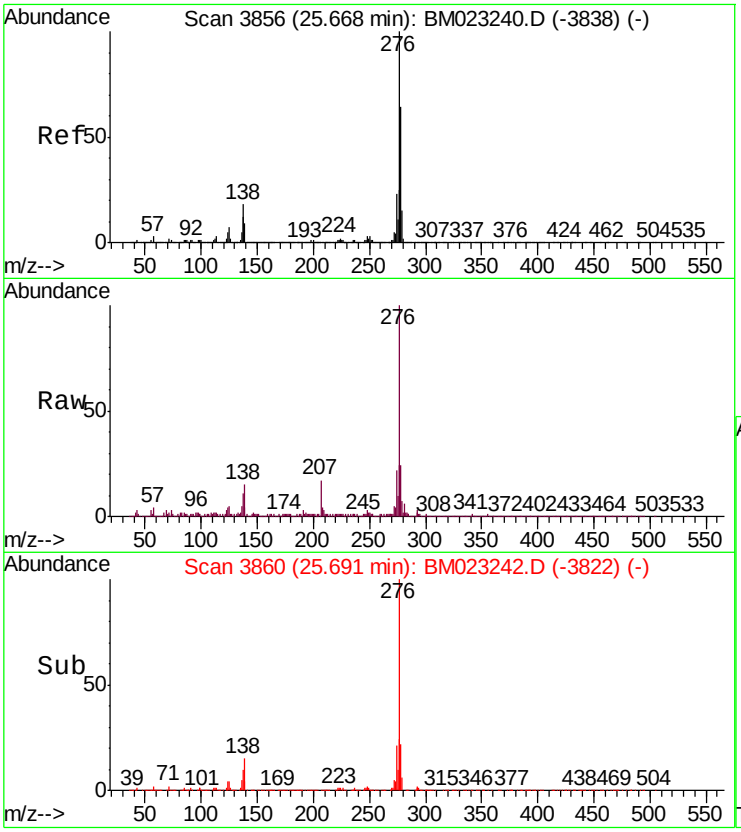


#91
Benzo(a)pyrene
Concen: 42.119 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Tgt Ion:252 Resp: 6419694

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	8.4	7.4	11.0



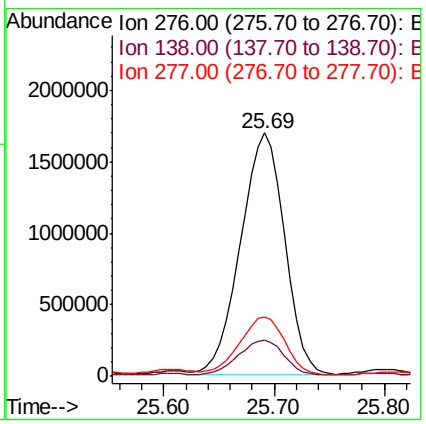


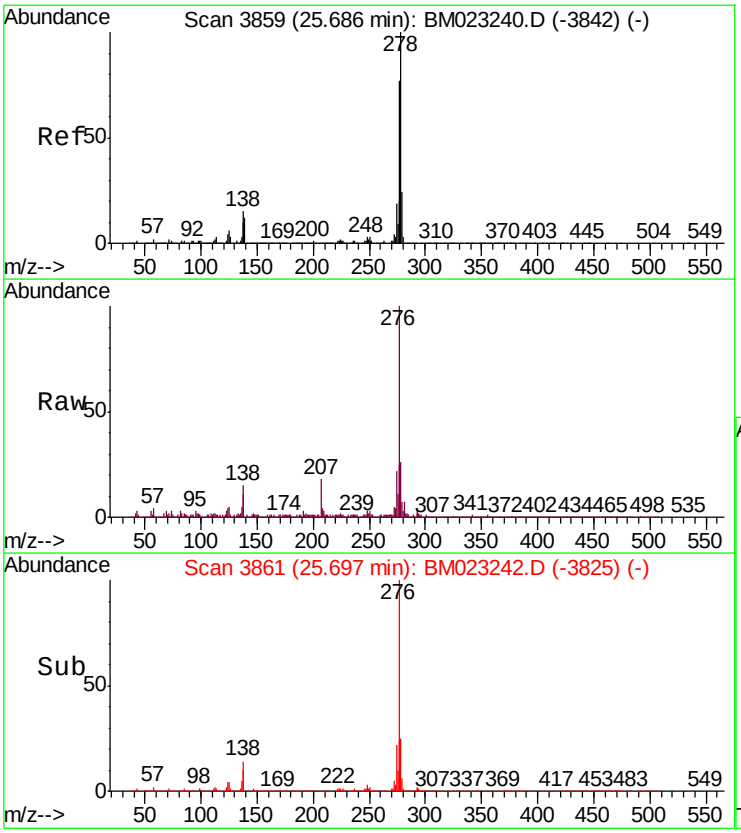
#92
Indeno(1,2,3-cd)pyrene
Concen: 26.043 ng/ul
RT: 25.69 min Scan# 3860
Delta R.T. 0.02 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Instrument :
BNA_M
ClientSampleId :
BFBB1DL

Tgt Ion:276 Resp: 4722117

Ion	Ratio	Lower	Upper
276	100		
138	14.7	14.9	22.3#
277	24.5	19.8	29.8

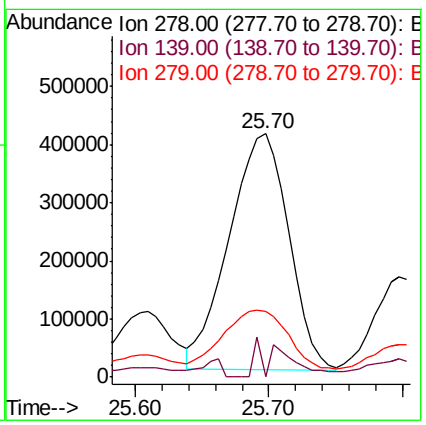


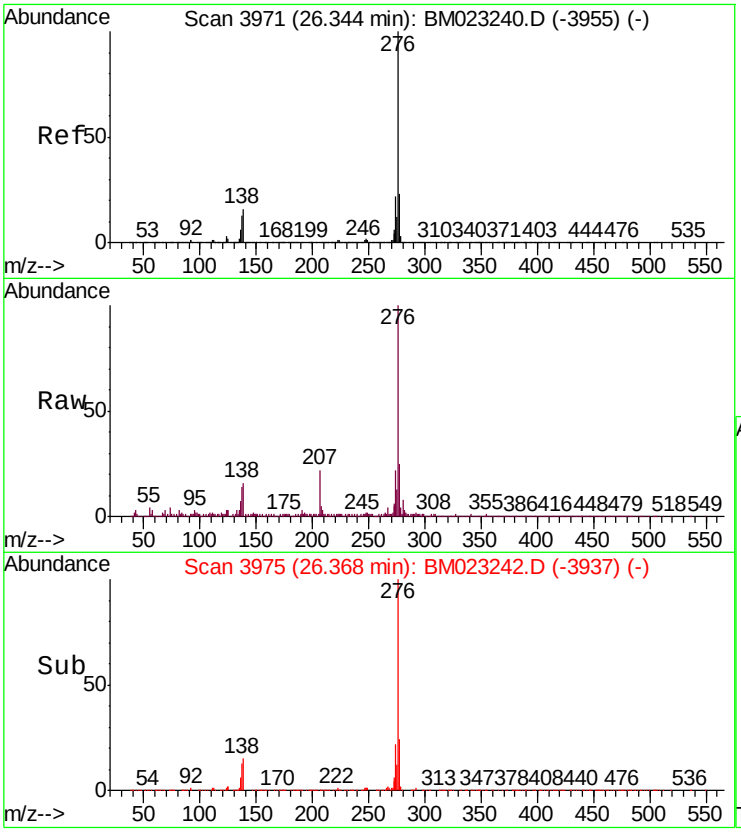


#93
Dibenzo(a,h)anthracene
Concen: 8.292 ng/ul
RT: 25.70 min Scan# 3861
Delta R.T. 0.01 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Tgt Ion:278 Resp: 1257091

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.0	15.0#
279	27.1	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 27.313 ng/ul
RT: 26.37 min Scan# 3975
Delta R.T. 0.02 min
Lab File: BM023242.D
Acq: 18 Oct 2019 05:17

Instrument :
BNA_M
ClientSampleId :
BFBB1DL

Tgt Ion:276 Resp: 4077637

Ion	Ratio	Lower	Upper
276	100		
138	15.9	14.4	21.6
277	24.8	19.4	29.2