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

Quantitation Report (Not Reviewed)

Data File : BM023263.D
Acq On : 18 Oct 2019 18:24
Operator : JU
Sample : K5345-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2

Quant Time: Oct 19 01:33:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 01:30:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	420017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1627005	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	985121	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1940696	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2056061	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2514372	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	25767	2.70	ng/uL	0.00
5) Phenol-d5	6.83	99	466313	12.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	279724	13.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	385774	13.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	366305	12.47	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	183773	16.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	185276	17.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	369628	13.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	458787	14.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1110938	14.72	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1329130	15.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	81929	6.70	ng/ul	0.00
58) Fluorene-d10	15.30	176	983224	15.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	63594	8.27	ng/ul	0.00
71) Anthracene-d10	17.15	188	1517295	16.21	ng/ul	0.00
79) Pyrene-d10	19.44	212	1712687	17.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2079256	16.31	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	73454	1.947	ng/ul	97
30) 4-Chloroaniline	10.51	127	6881187	205.096	ng/ul#	11
34) 2-Methylnaphthalene	12.12	142	7626372	121.872	ng/ul	99
35) 1-Methylnaphthalene	12.33	142	3697243	61.050	ng/ul	100
41) 1,1'-Biphenyl	13.13	154	1845113	24.616	ng/ul	99
45) Dimethylphthalate	13.77	163	424614	5.619	ng/ul	99
48) Acenaphthylene	14.02	152	789472	8.720	ng/ul	96
50) Acenaphthene	14.37	153	5588142	88.645	ng/ul	99
54) Dibenzofuran	14.70	168	6450657	72.081	ng/ul	100
59) Fluorene	15.36	166	5384528	73.334	ng/ul	99
61) 4-Nitroaniline	15.36	138	58845	3.826	ng/ul#	16
70) Phenanthrene	17.18	178	3094368	28.411	ng/ul	99
72) Anthracene	17.18	178	3093881	27.490	ng/ul	100
75) Carbazole	17.44	167	1592474	15.839	ng/ul	99
77) Fluoranthene	19.11	202	14530759	112.181	ng/ul	95
80) Pyrene	19.48	202	12610054	97.901	ng/ul	99
83) Benzo(a)anthracene	21.23	228	6441782	46.239	ng/ul	95
85) Chrysene	21.28	228	3703878	28.633	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	6490160	42.573	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	6490160	44.337	ng/ul	98
91) Benzo(a)pyrene	23.36	252	4059676	27.757	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	2004972	11.523	ng/ul	98
93) Dibenzo(a,h)anthracene	25.67	278	690710	4.748	ng/ul#	95

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

Quantitation Report (Not Reviewed)

Data File : BM023263.D
Acq On : 18 Oct 2019 18:24
Operator : JU
Sample : K5345-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK2

Quant Time: Oct 19 01:33:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 01:30:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.34	276	1751429	12.226	ng/ul	98

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

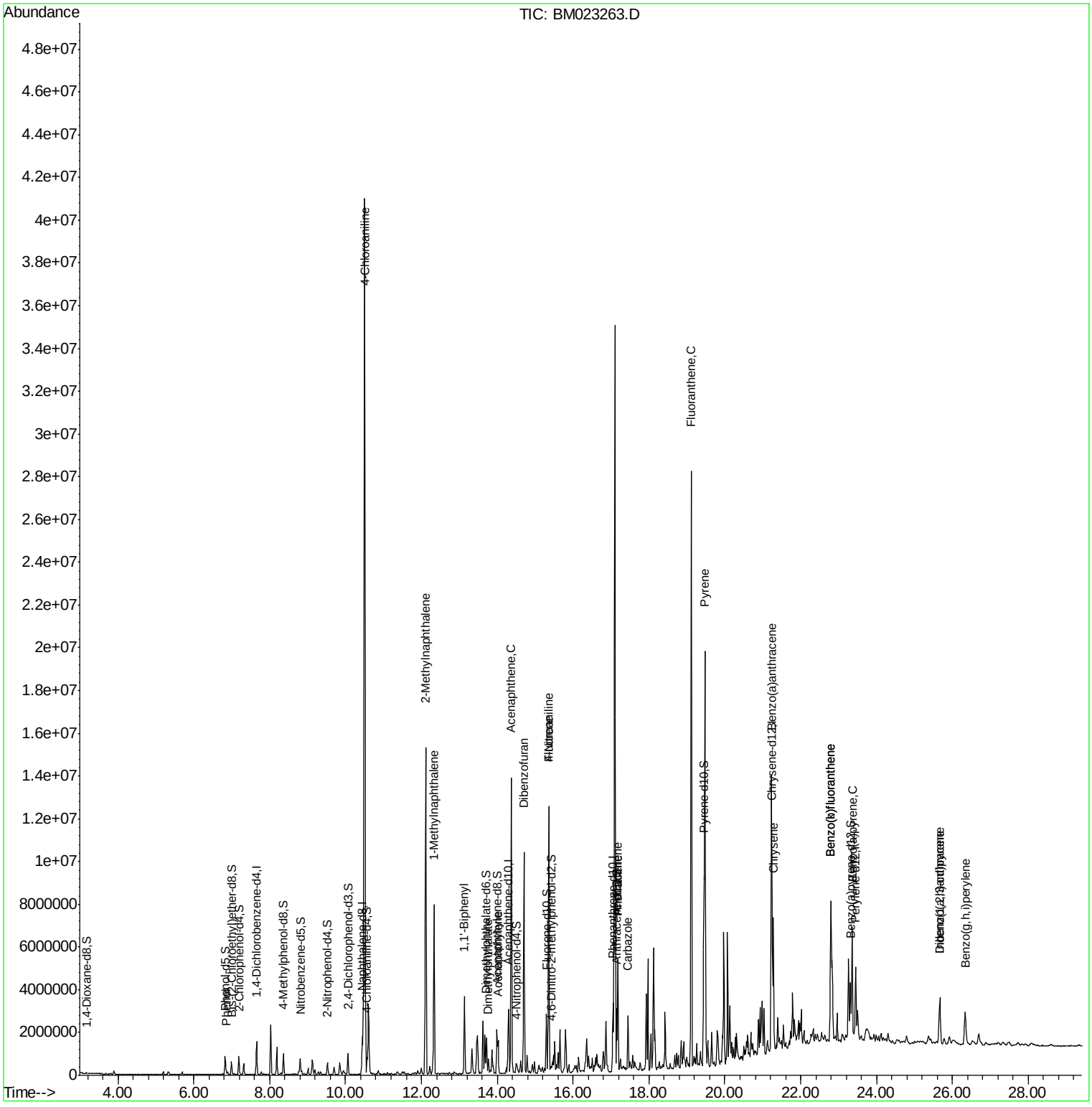
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\

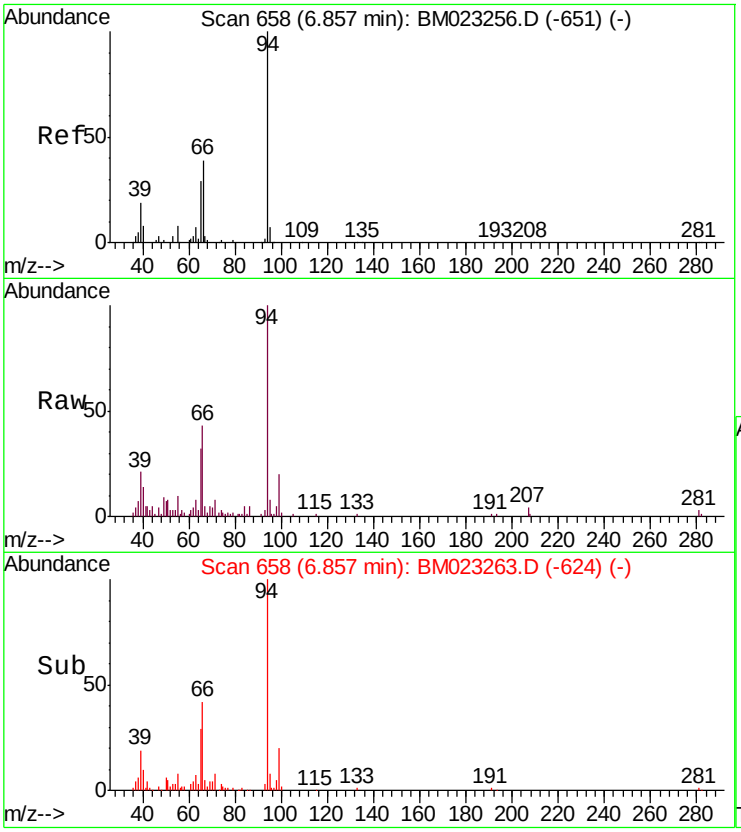
Quantitation Report (Not Reviewed)

Data File : BM023263.D
Acq On : 18 Oct 2019 18:24
Operator : JU
Sample : K5345-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOK2

Quant Time: Oct 19 01:33:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 01:30:09 2019
Response via : Initial Calibration



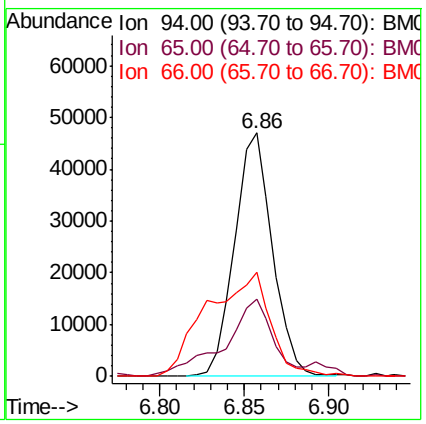


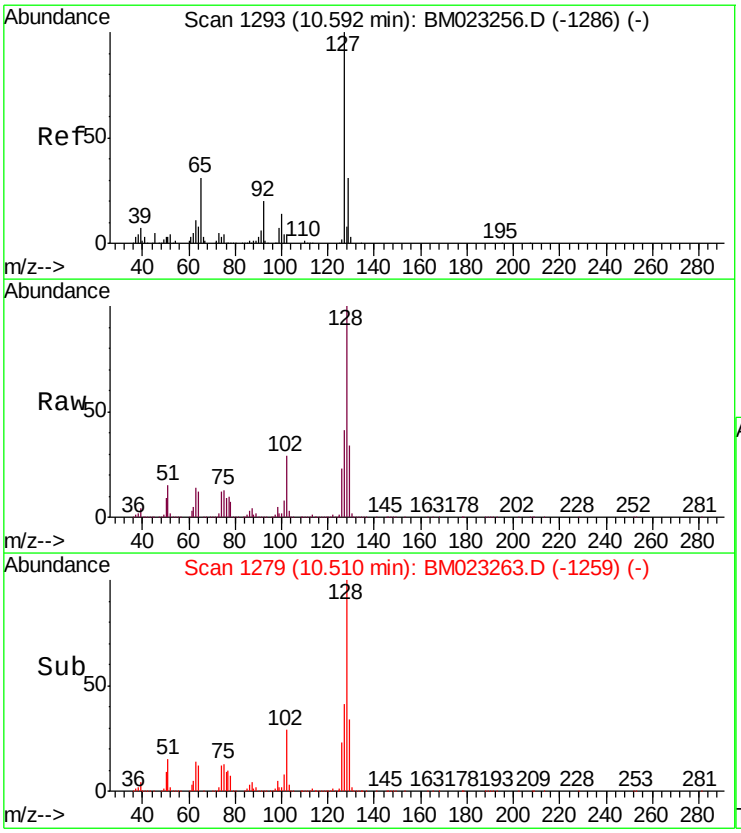
#6
Phenol
Concen: 1.947 ng/ul
RT: 6.86 min Scan# 658
Delta R.T. -0.00 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Instrument :
BNA_M
ClientSampleId :
ETOK2

Tgt Ion: 94 Resp: 73454

Ion	Ratio	Lower	Upper
94	100		
65	31.6	23.7	35.5
66	43.0	32.9	49.3

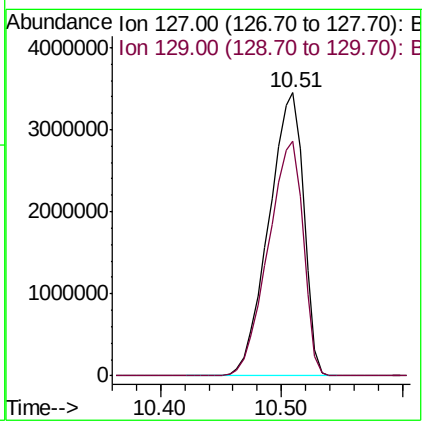


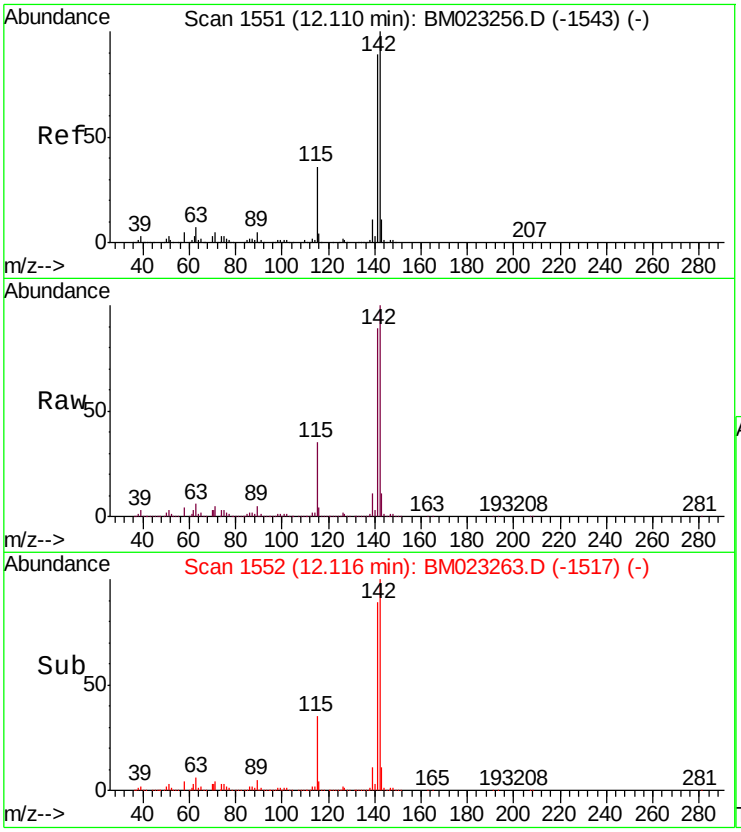


#30
4-Chloroaniline
Concen: 205.096 ng/ul
RT: 10.51 min Scan# 1279
Delta R.T. -0.08 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Tgt Ion:127 Resp: 6881187

Ion	Ratio	Lower	Upper
127	100		
129	83.1	26.3	39.5#



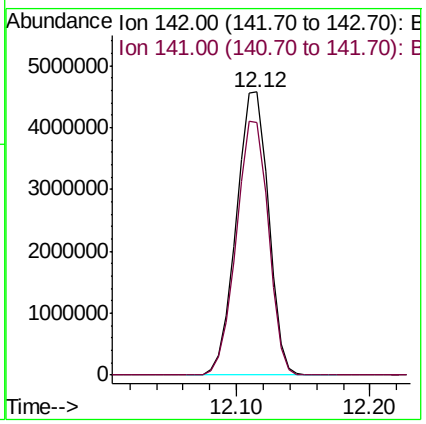


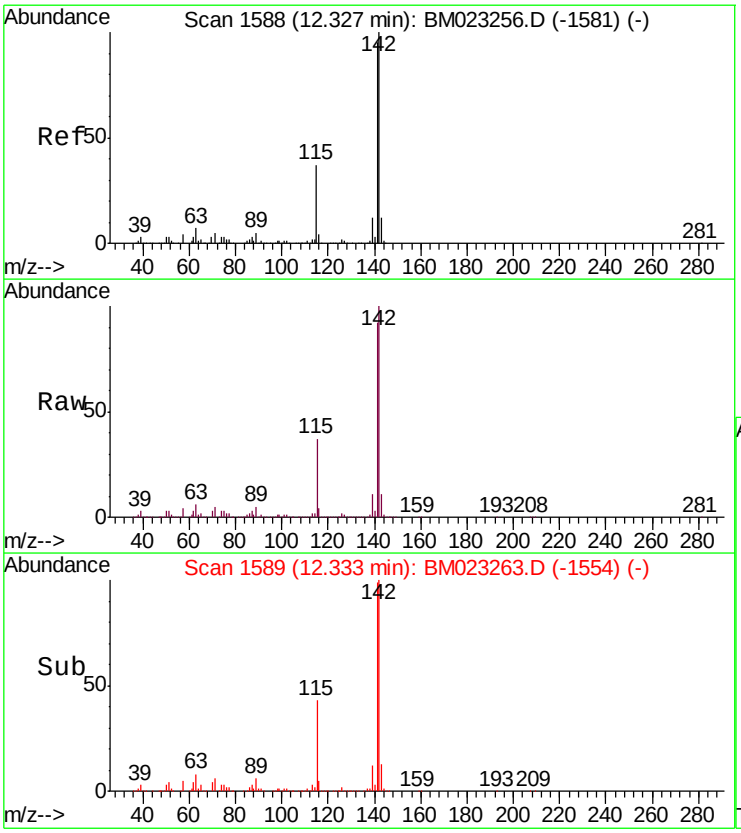
#34
2-Methylnaphthalene
Concen: 121.872 ng/ul
RT: 12.12 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Instrument :
BNA_M
ClientSampleId :
ETOK2

Tgt Ion:142 Resp: 7626372

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.1	108.1

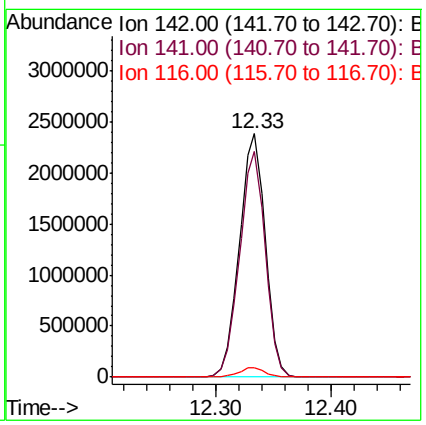


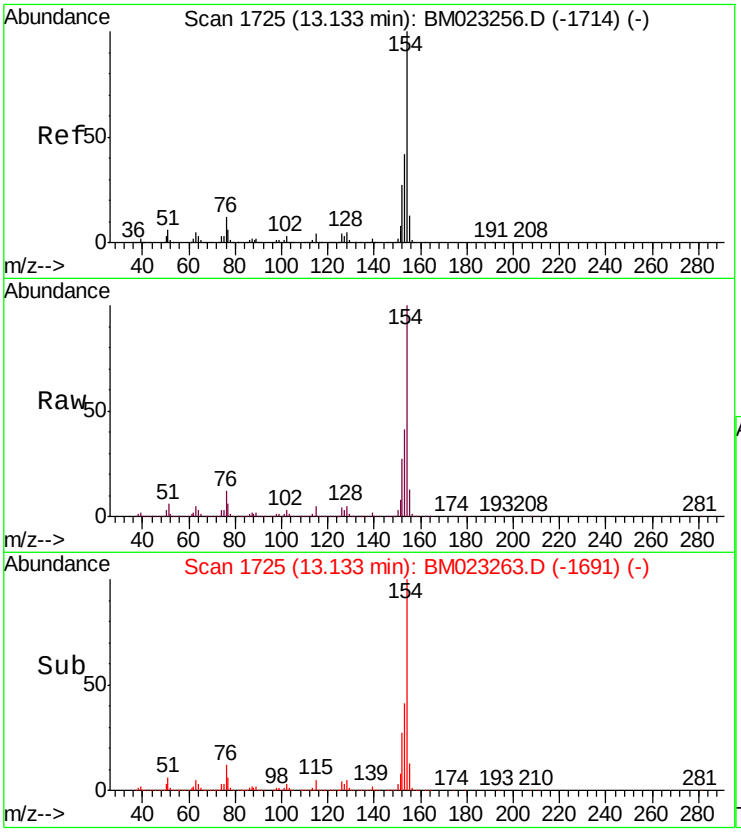


#35
1-Methylnaphthalene
Concen: 61.050 ng/ul
RT: 12.33 min Scan# 1589
Delta R.T. 0.01 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Tgt Ion:142 Resp: 3697243

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.2
116	3.8	3.3	4.9



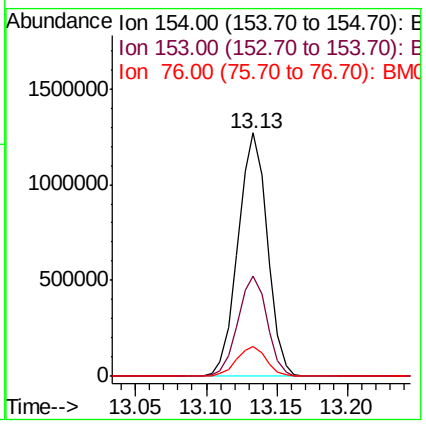


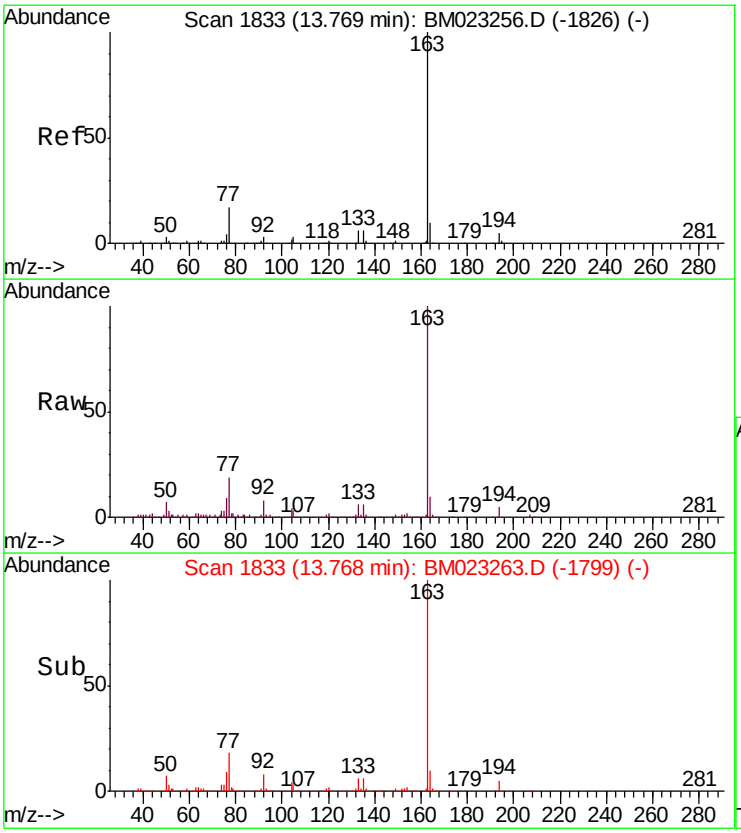
#41
1,1'-Biphenyl
Concen: 24.616 ng/ul
RT: 13.13 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Instrument :
BNA_M
ClientSampleId :
ETOK2

Tgt Ion:154 Resp: 1845113

Ion	Ratio	Lower	Upper
154	100		
153	41.0	33.1	49.7
76	12.4	10.6	15.8

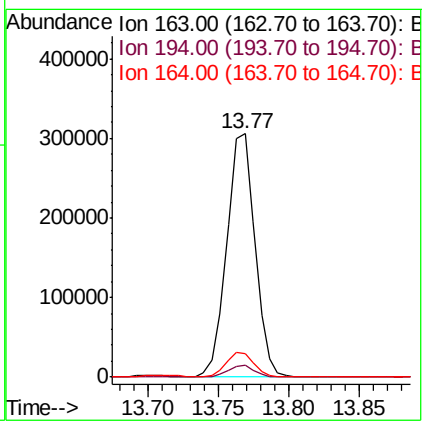


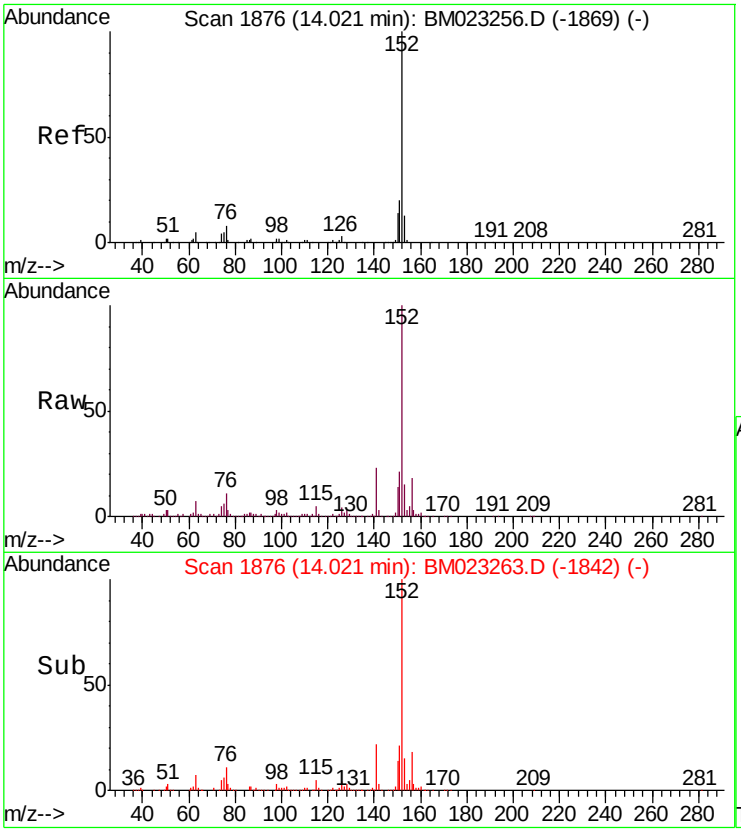


#45
Dimethylphthalate
Concen: 5.619 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Tgt Ion:163 Resp: 424614

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	9.7	8.0	12.0



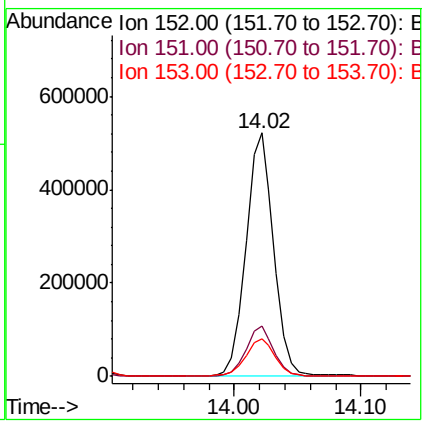


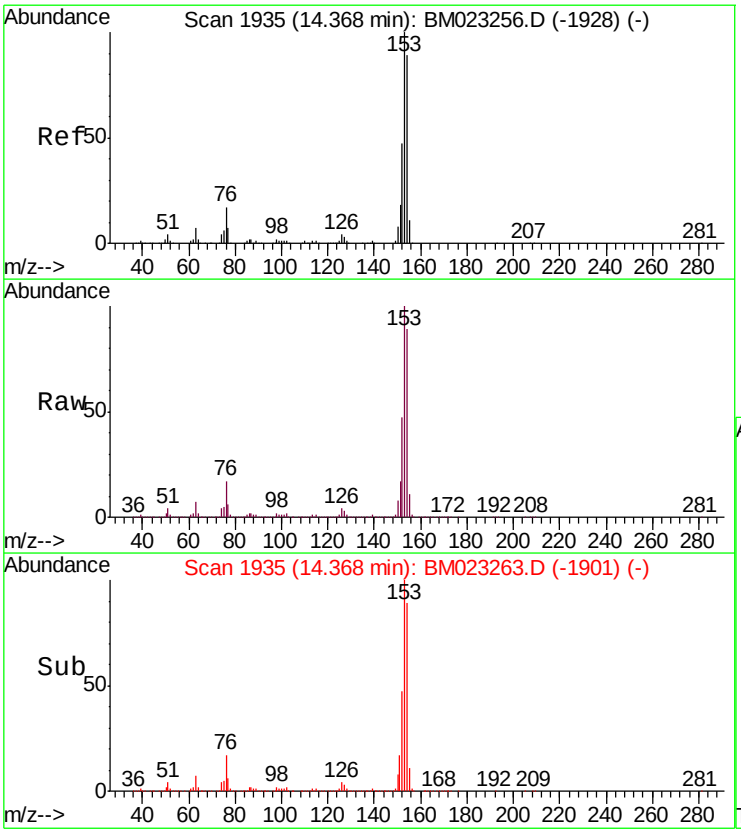
#48
Acenaphthylene
Concen: 8.720 ng/ul
RT: 14.02 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Instrument :
BNA_M
ClientSampleId :
ETOK2

Tgt Ion:152 Resp: 789472

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.6
153	15.4	10.3	15.5

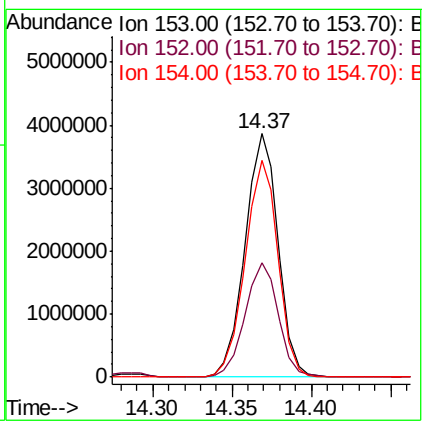


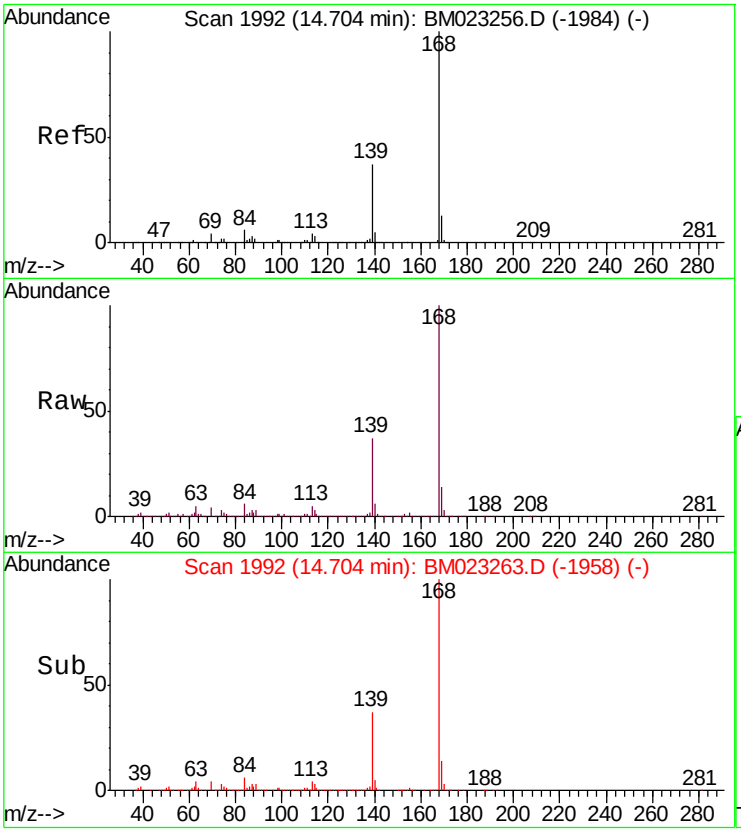


#50
Acenaphthene
Concen: 88.645 ng/ul
RT: 14.37 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Tgt Ion:153 Resp: 5588142

Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.0	57.0
154	89.1	70.4	105.6



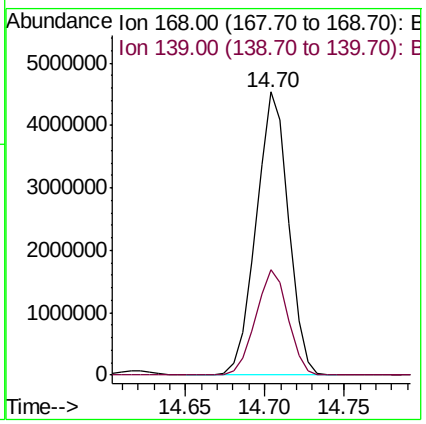


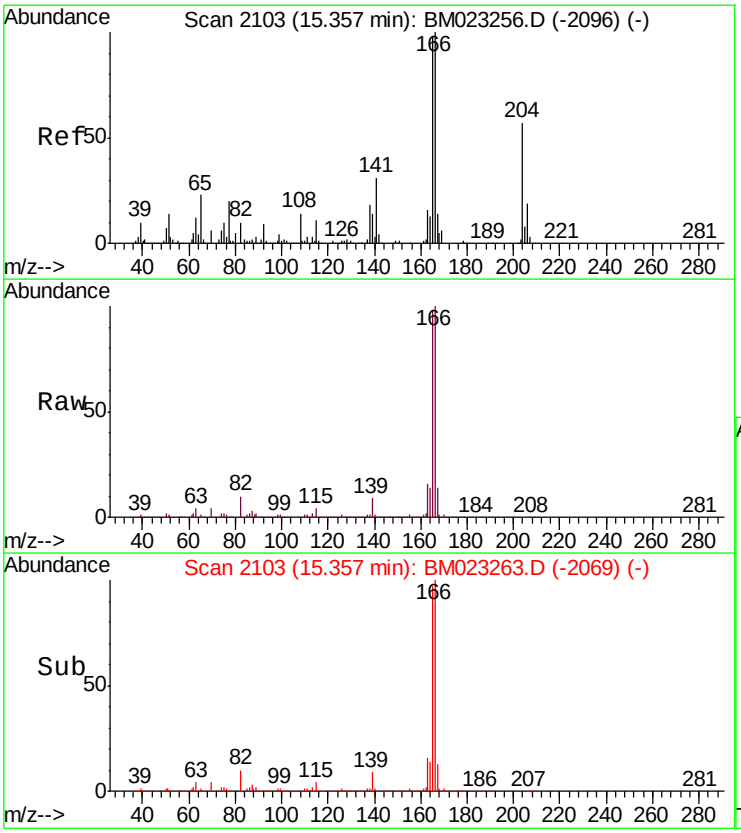
#54
Dibenzofuran
Concen: 72.081 ng/ul
RT: 14.70 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Instrument :
BNA_M
ClientSampleId :
ETOK2

Tgt Ion:168 Resp: 6450657

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.1	45.1

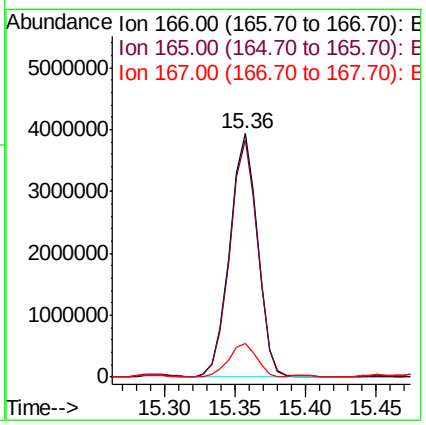


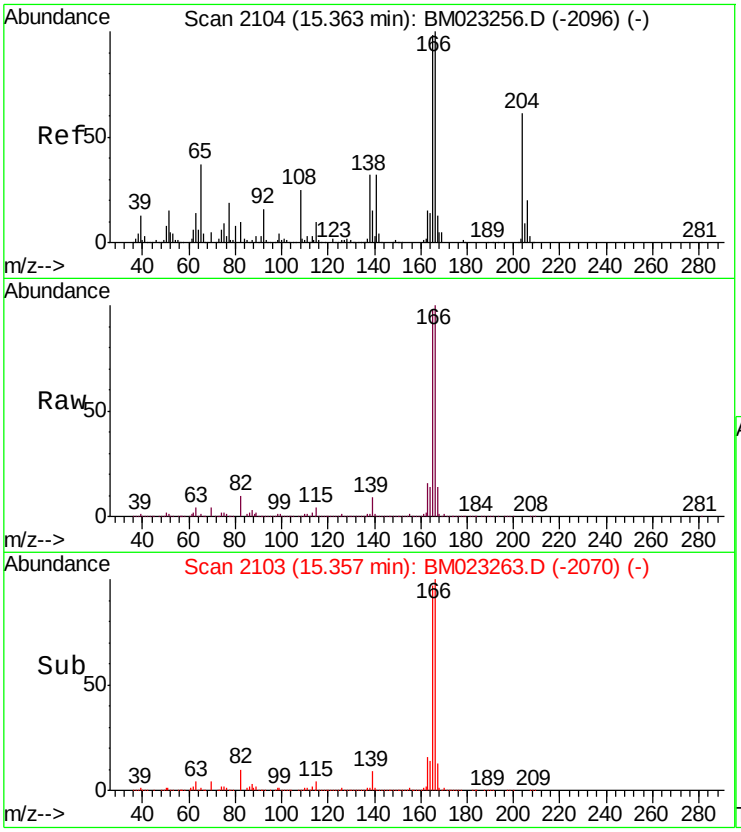


#59
Fluorene
Concen: 73.334 ng/ul
RT: 15.36 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Tgt Ion:166 Resp: 5384528

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.4	116.0
167	13.6	10.8	16.2



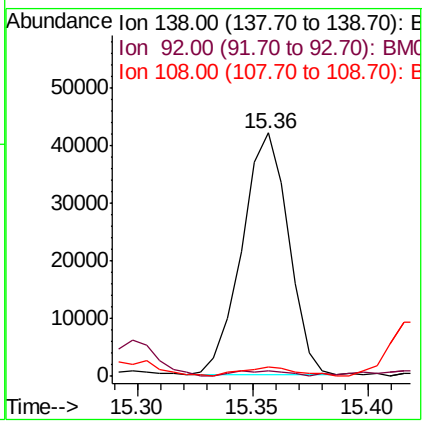


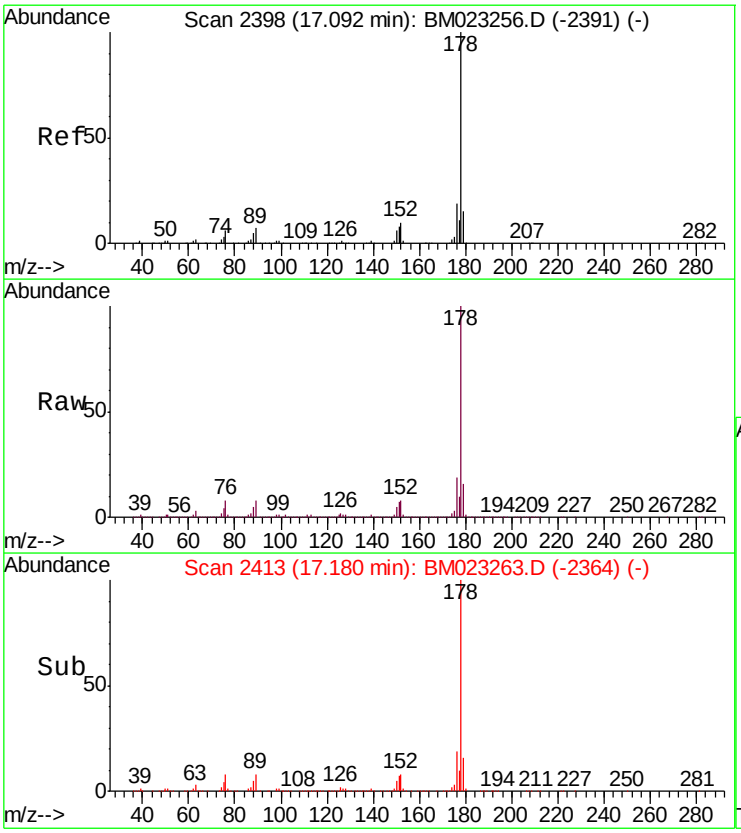
#61
4-Nitroaniline
Concen: 3.826 ng/ul
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Instrument :
BNA_M
ClientSampleId :
ETOK2

Tgt Ion:138 Resp: 58845

Ion	Ratio	Lower	Upper
138	100		
92	2.4	42.6	64.0#
108	3.6	71.9	107.9#

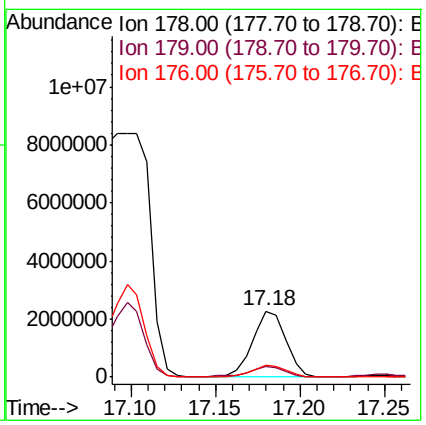


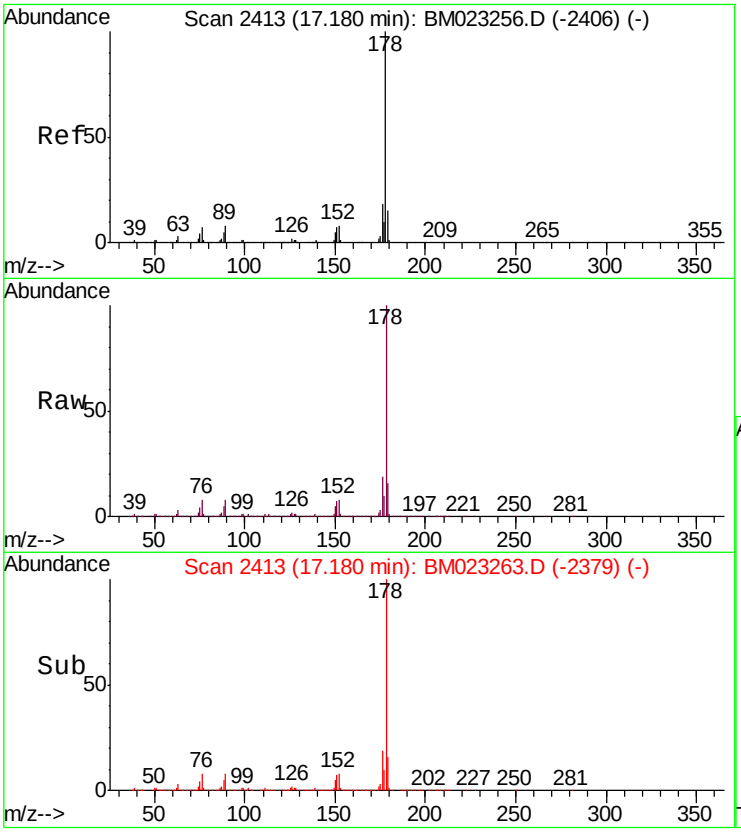


#70
Phenanthrene
Concen: 28.411 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. 0.09 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Tgt Ion:178 Resp: 3094368

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.7	15.5	23.3



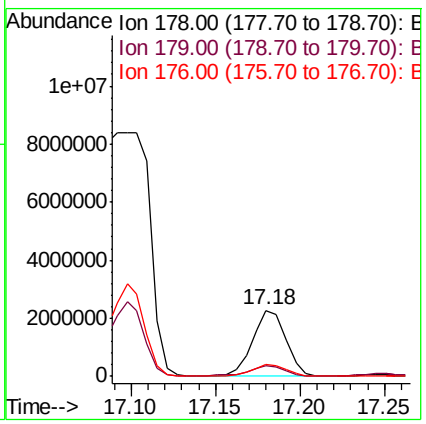


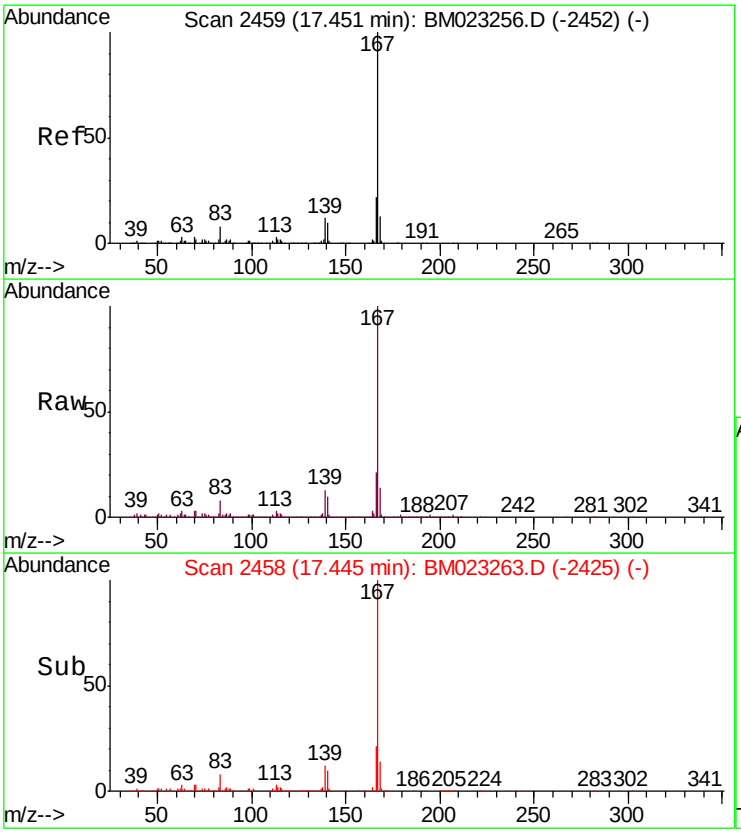
#72
Anthracene
Concen: 27.490 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Instrument :
BNA_M
ClientSampleId :
ETOK2

Tgt Ion:178 Resp: 3093881

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.7	15.0	22.4

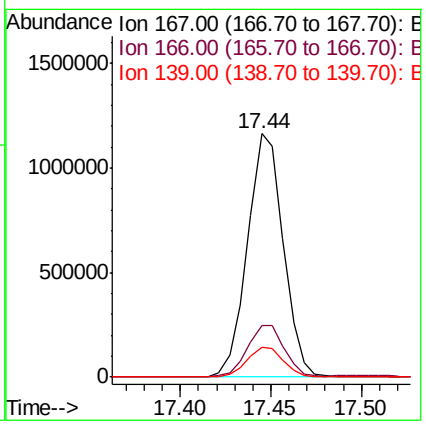


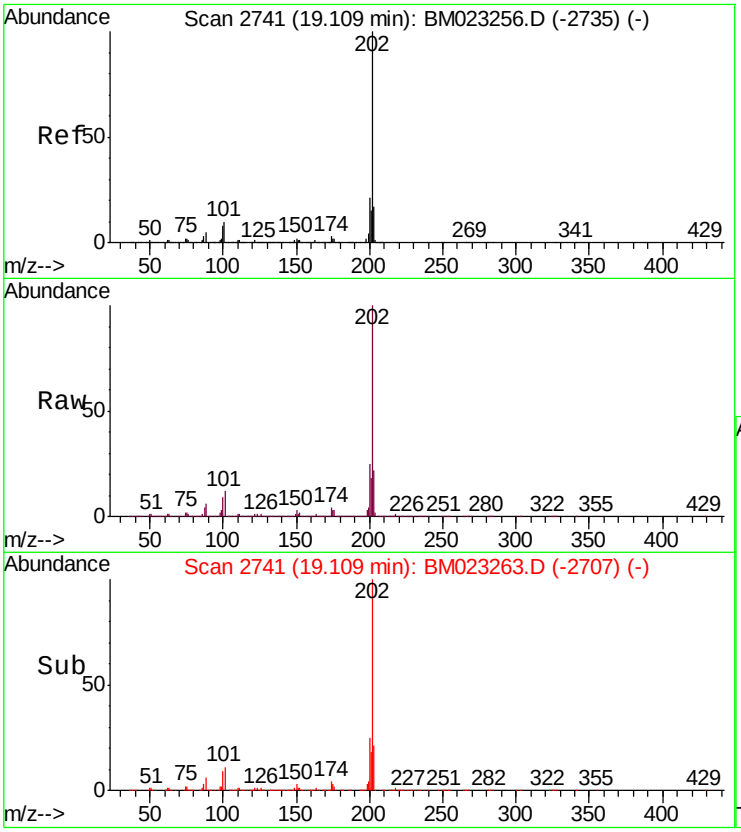


#75
Carbazole
Concen: 15.839 ng/ul
RT: 17.44 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Tgt Ion:167 Resp: 1592474

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	12.5	10.2	15.2



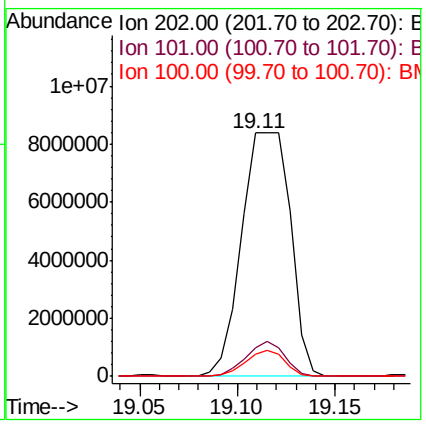


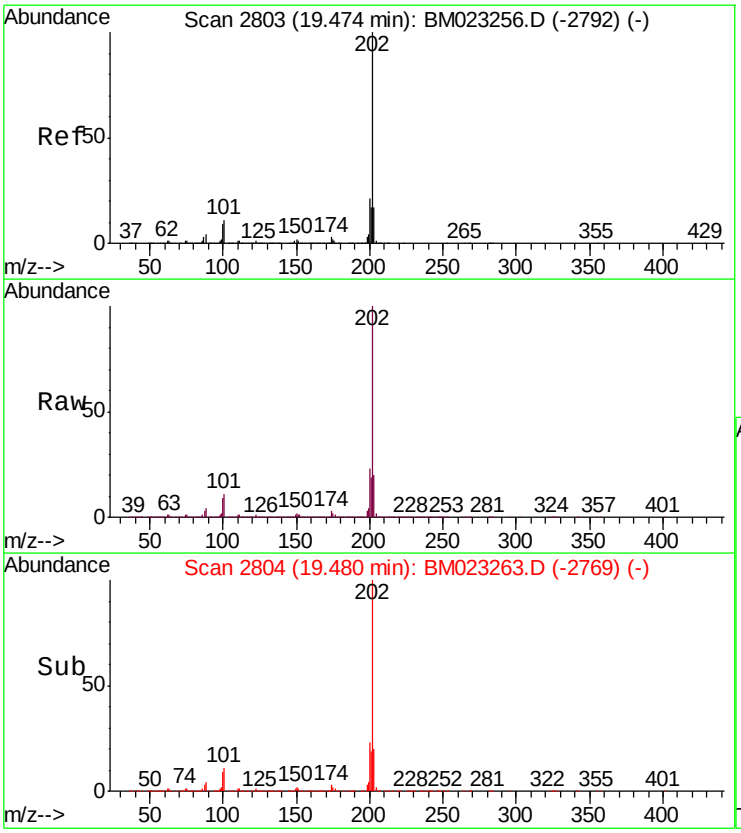
#77
Fluoranthene
Concen: 112.181 ng/ul
RT: 19.11 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Instrument :
BNA_M
ClientSampleId :
ETOK2

Tgt Ion:202 Resp:14530759

Ion	Ratio	Lower	Upper
202	100		
101	11.6	7.8	11.8
100	9.0	6.1	9.1

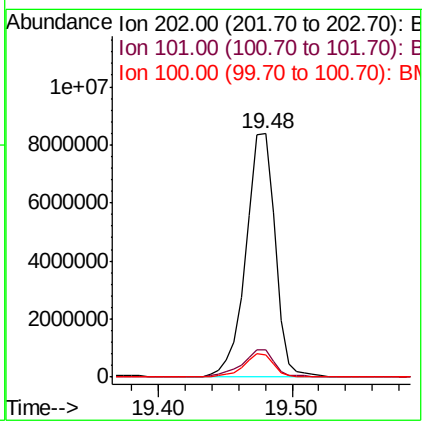


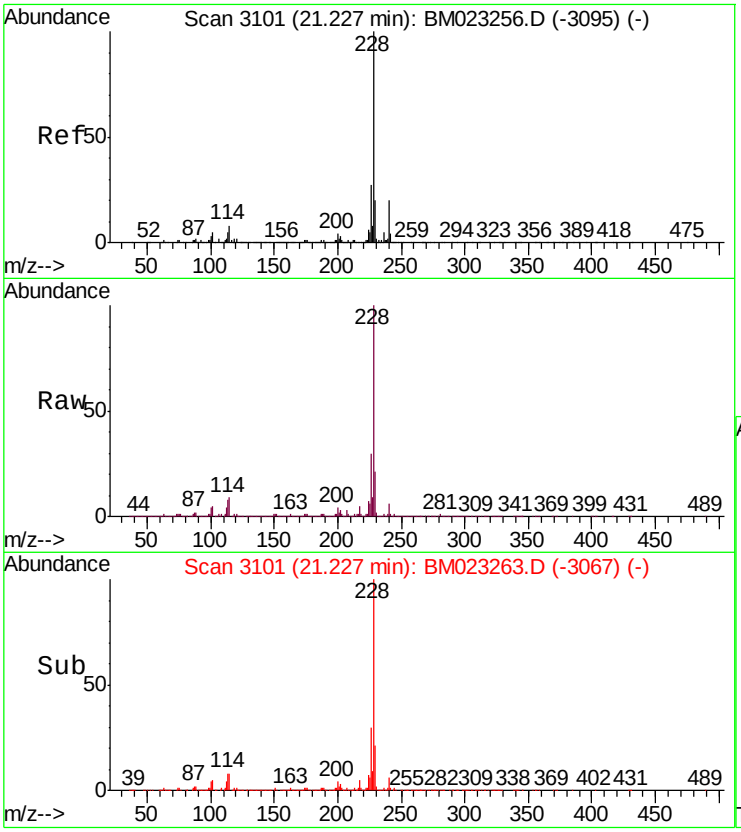


#80
Pyrene
Concen: 97.901 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Tgt Ion:202 Resp:12610054

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	9.1	7.5	11.3



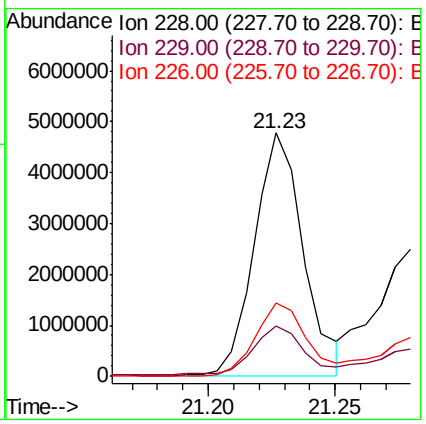


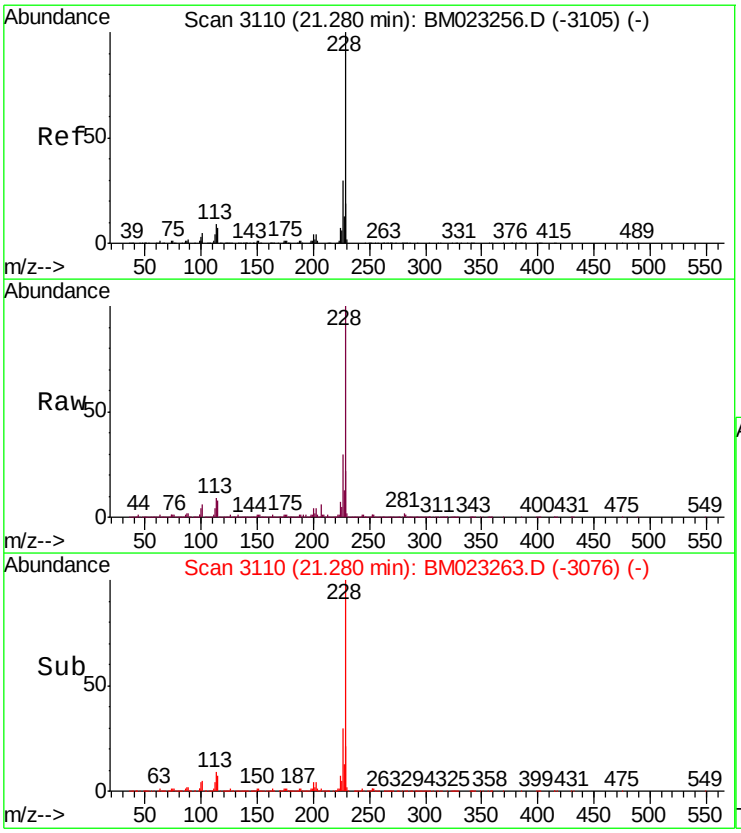
#83
Benzo(a)anthracene
Concen: 46.239 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Instrument :
BNA_M
ClientSampleId :
ETOK2

Tgt Ion:228 Resp: 6441782

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	30.1	21.6	32.4

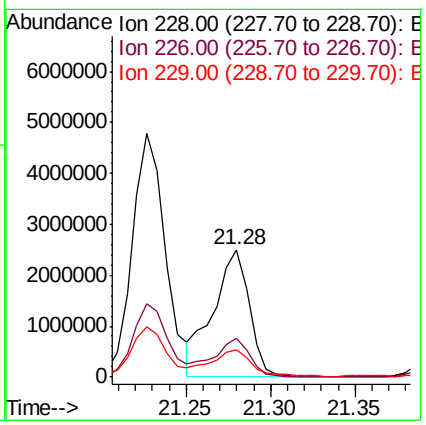


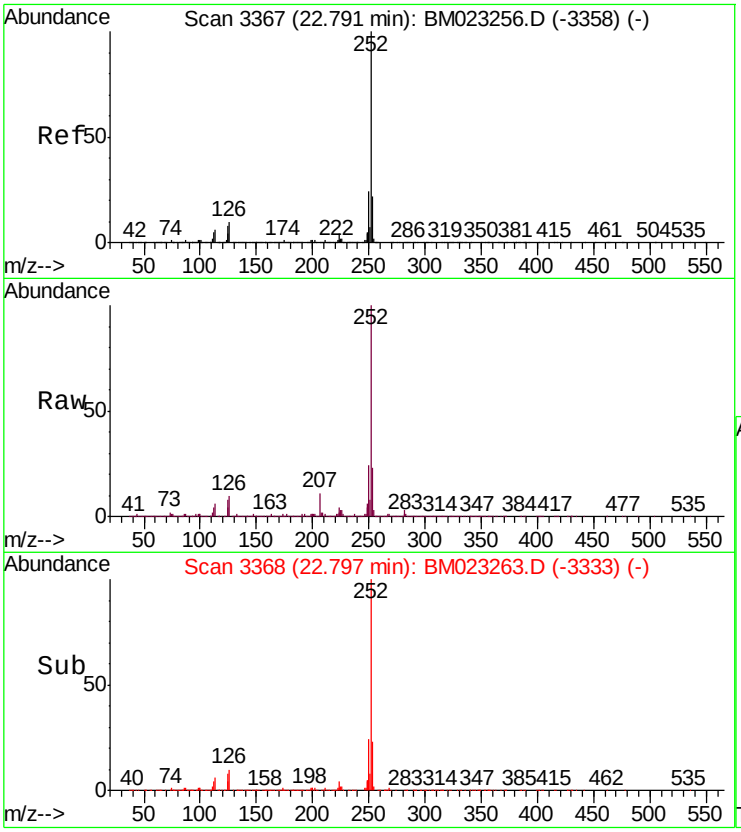


#85
Chrysene
Concen: 28.633 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Tgt Ion:228 Resp: 3703878

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	21.6	15.5	23.3



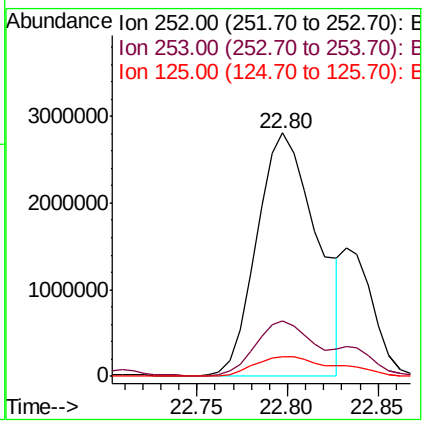


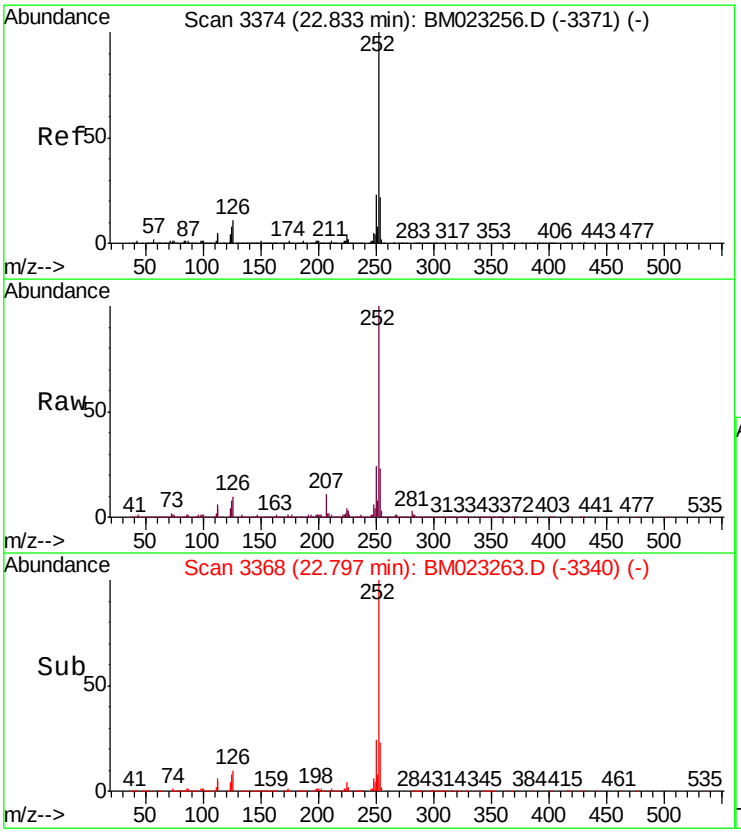
#88
Benzo(b)fluoranthene
Concen: 42.573 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Instrument :
BNA_M
ClientSampleId :
ETOK2

Tgt Ion:252 Resp: 6490160

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	8.1	6.4	9.6

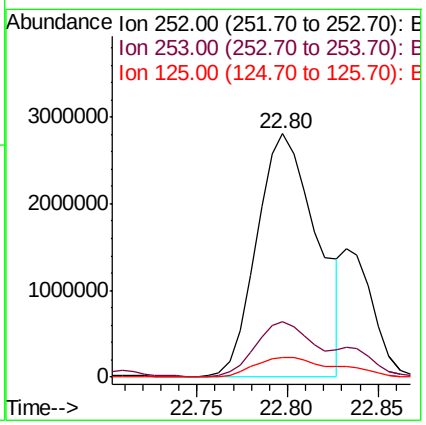


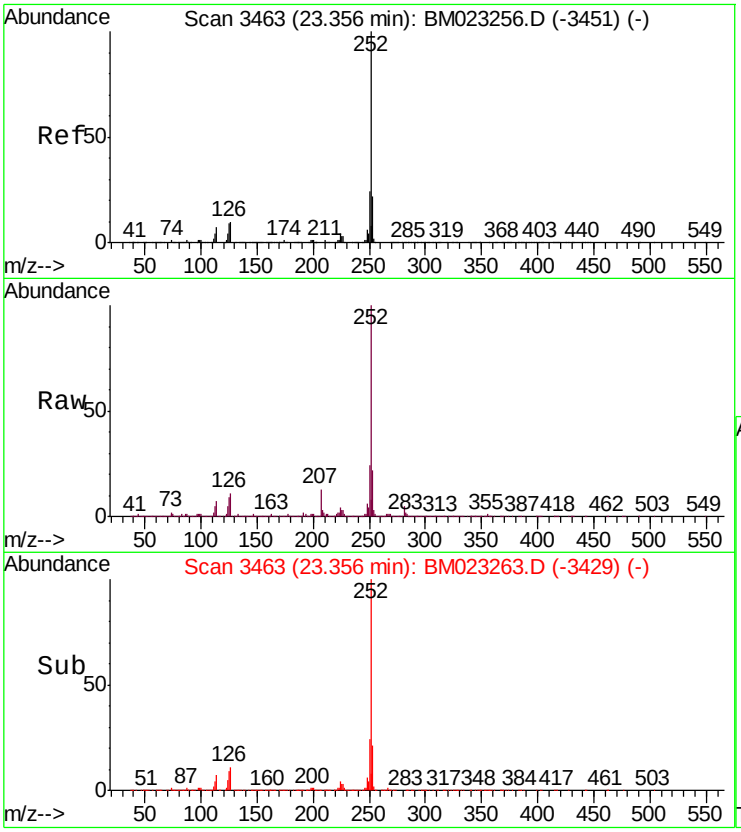


#89
Benzo(k)fluoranthene
Concen: 44.337 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. -0.04 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Tgt Ion:252 Resp: 6490160

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	8.1	6.5	9.7



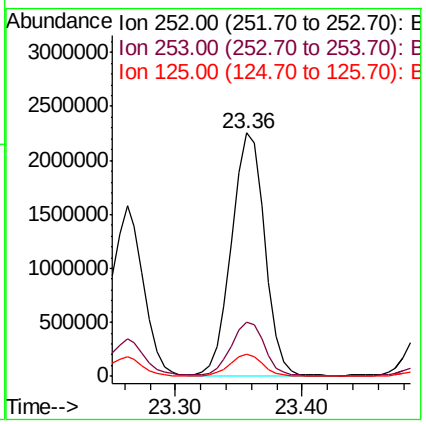


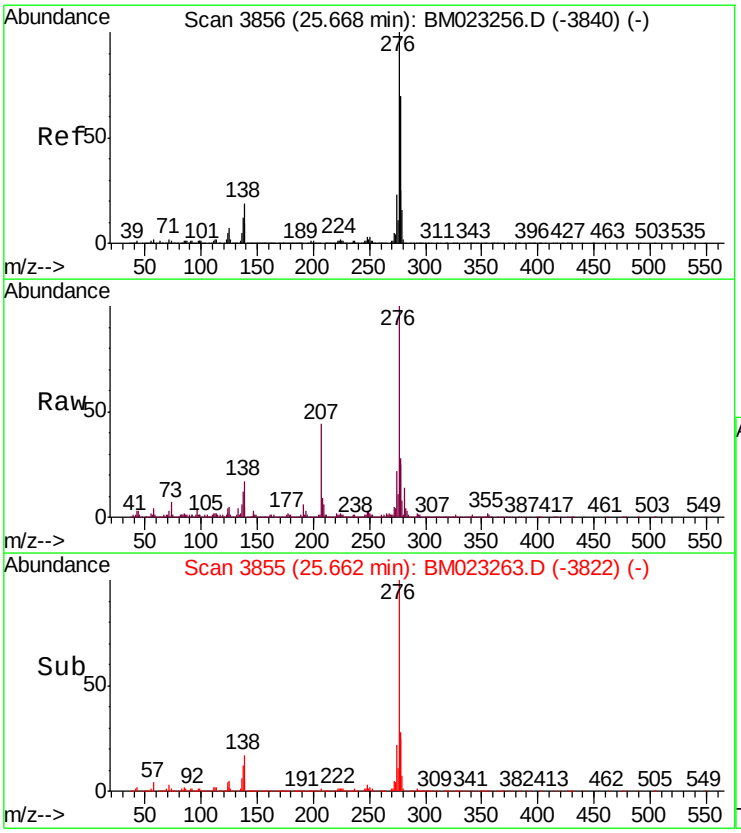
#91
Benzo(a)pyrene
Concen: 27.757 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. -0.00 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Instrument :
BNA_M
ClientSampleId :
ETOK2

Tgt Ion:252 Resp: 4059676

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	8.9	7.4	11.0

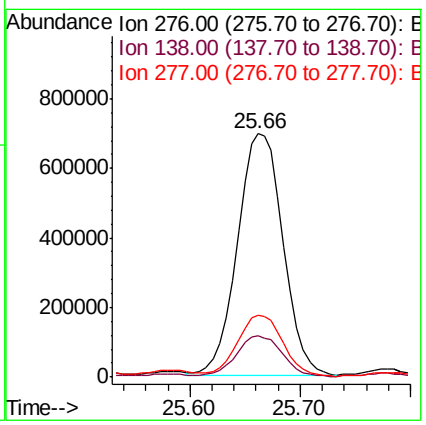


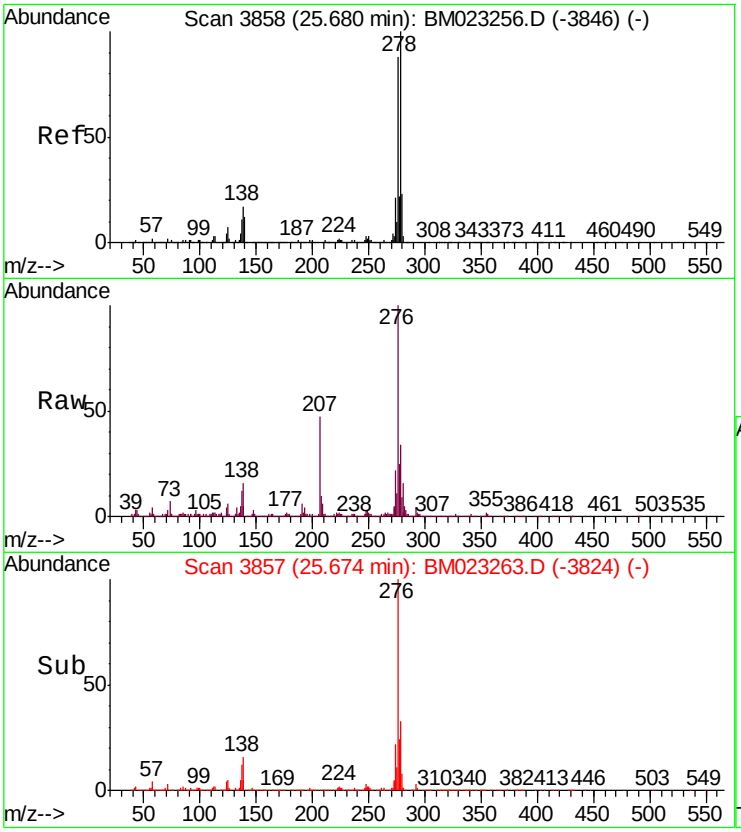


#92
Indeno(1,2,3-cd)pyrene
Concen: 11.523 ng/ul
RT: 25.66 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Tgt Ion:276 Resp: 2004972

Ion	Ratio	Lower	Upper
276	100		
138	17.0	14.9	22.3
277	25.5	19.8	29.8



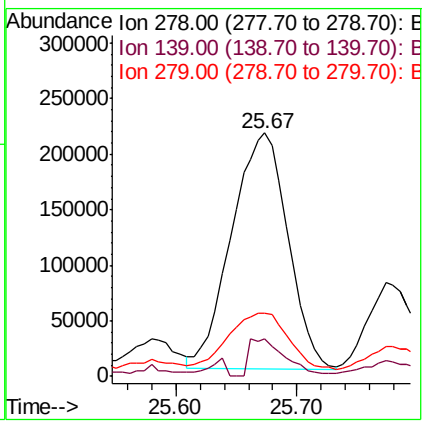


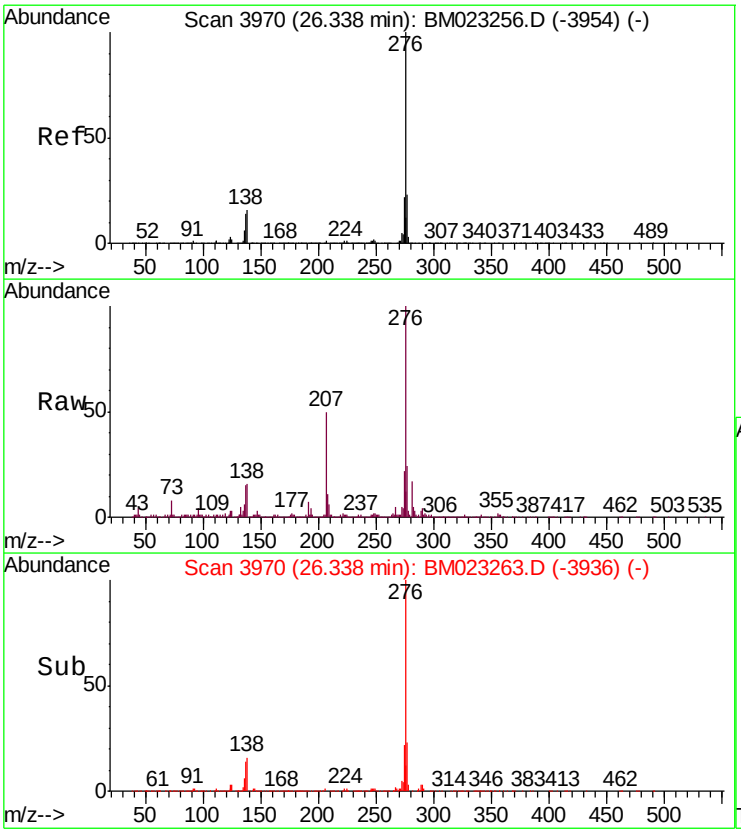
#93
Dibenzo(a,h)anthracene
Concen: 4.748 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. -0.01 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Instrument :
BNA_M
ClientSampleId :
ETOK2

Tgt Ion:278 Resp: 690710

Ion	Ratio	Lower	Upper
278	100		
139	15.3	10.0	15.0#
279	26.1	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 12.226 ng/ul
RT: 26.34 min Scan# 3970
Delta R.T. -0.00 min
Lab File: BM023263.D
Acq: 18 Oct 2019 18:24

Tgt Ion:276 Resp: 1751429

Ion	Ratio	Lower	Upper
276	100		
138	16.3	14.4	21.6
277	23.6	19.4	29.2