Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023350.D
Acq On : 23 Oct 2019 20:11
Operator : JU
Sample : K5346-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL8

Quant Time: Oct 24 02:58:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	613155	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2803918	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1761143	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3333515	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2302032	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2572054	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	53160	4.12	ng/uL	0.00
5) Phenol-d5	6.82	99	1138880	22.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	793194	26.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	992451	24.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	831030	19.87	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	551837	26.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	611471	26.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	1122194	24.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	851235	16.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	3763225	28.14	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	4239404	27.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	270384	11.67	ng/ul	0.00
58) Fluorene-d10	15.28	176	3164633	27.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	352445	16.98	ng/ul	0.00
71) Anthracene-d10	17.13	188	4611942	29.28	ng/ul	0.00
79) Pyrene-d10	19.43	212	4198885	33.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	3724270	28.42	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.84	94	200653	3.784	ng/ul	99
28) Naphthalene	10.47	128	1462349	10.175	ng/ul	100
34) 2-Methylnaphthalene	12.09	142	212152	1.933	ng/ul	97
45) Dimethylphthalate	13.75	163	1255913	9.353	ng/ul	99
48) Acenaphthylene	14.00	152	1279816	8.059	ng/ul	100
50) Acenaphthene	14.35	153	166438	1.490	ng/ul	98
54) Dibenzofuran	14.69	168	286036	1.788	ng/ul	97
59) Fluorene	15.34	166	191324	1.467	ng/ul	96
70) Phenanthrene	17.07	178	1533469	8.232	ng/ul	100
72) Anthracene	17.16	178	2919547	15.468	ng/ul	99
75) Carbazole	17.43	167	268278	1.686	ng/ul	98
77) Fluoranthene	19.10	202	7860774	40.454	ng/ul	99
80) Pyrene	19.46	202	9349601	57.516	ng/ul	98
83) Benzo(a)anthracene	21.21	228	7570996	49.175	ng/ul	95
85) Chrysene	21.26	228	12223142	86.044	ng/ul	97
88) Benzo(b)fluoranthene	22.78	252	21879767	132.450	ng/ul	93
89) Benzo(k)fluoranthene	22.82	252	7061037	45.521	ng/ul	97
91) Benzo(a)pyrene	23.34	252	13355999	89.307	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.64	276	10892853	67.269	ng/ul	98
93) Dibenzo(a,h)anthracene	25.65	278	2912969	21.334	ng/ul#	86
94) Benzo(g,h,i)perylene	26.32	276	8166472	61.986	ng/ul	99

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023350.D
Acq On : 23 Oct 2019 20:11
Operator : JU
Sample : K5346-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOL8

Quant Time: Oct 24 02:58:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

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

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023350.D
Acq On : 23 Oct 2019 20:11
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ALS Vial : 3 Sample Multiplier: 1

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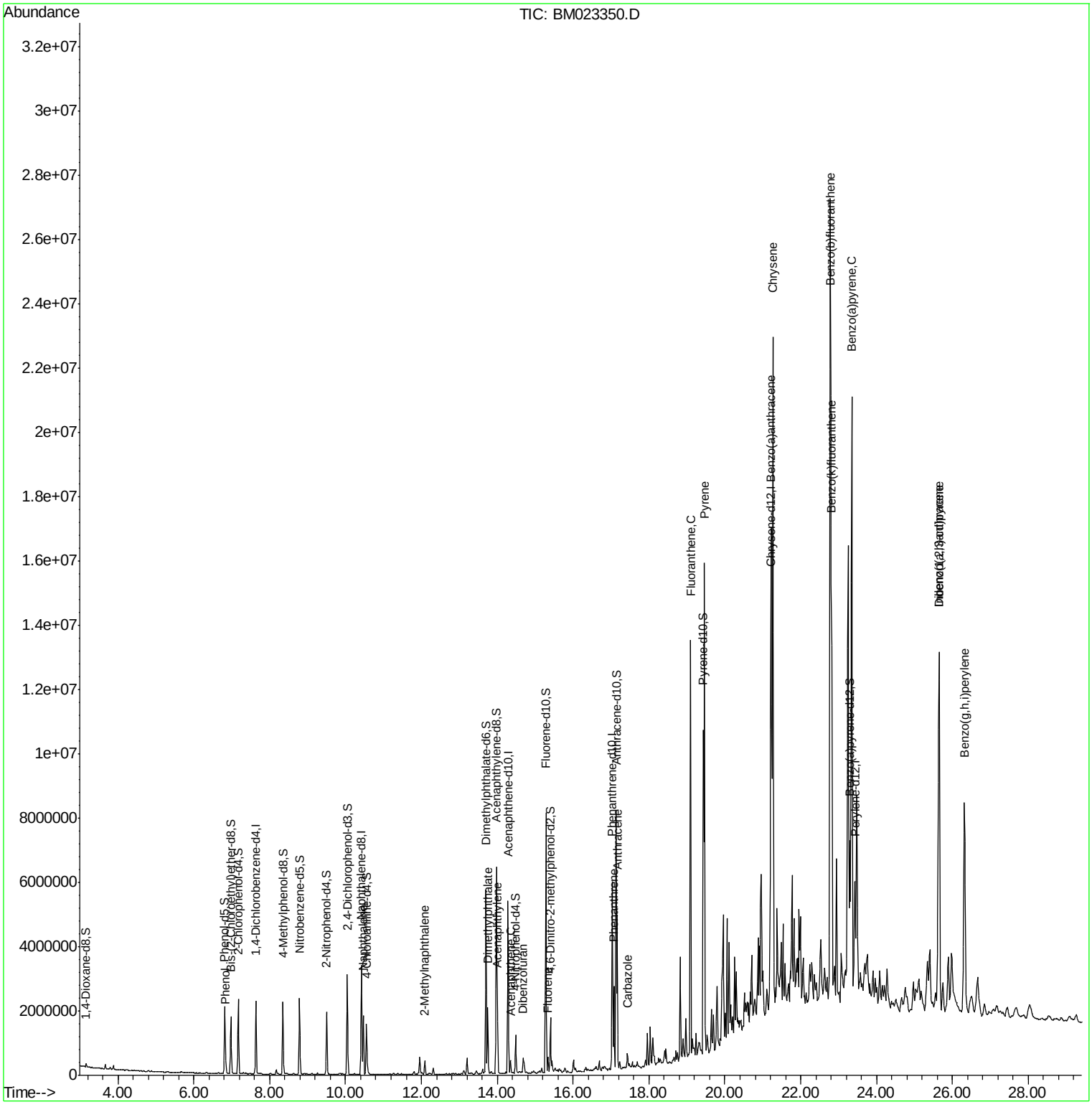
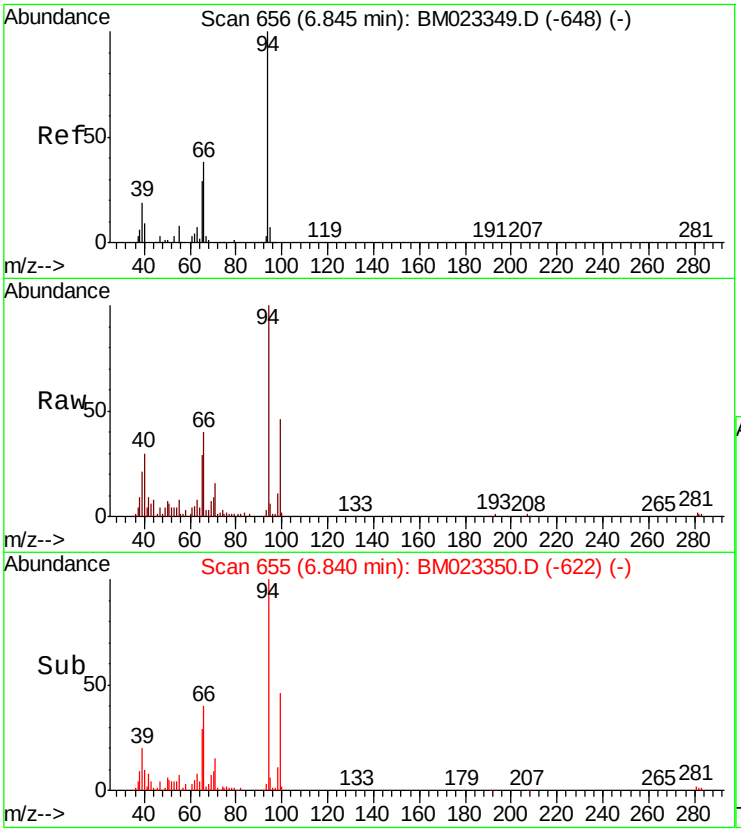
Quant Time: Oct 24 02:58:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration



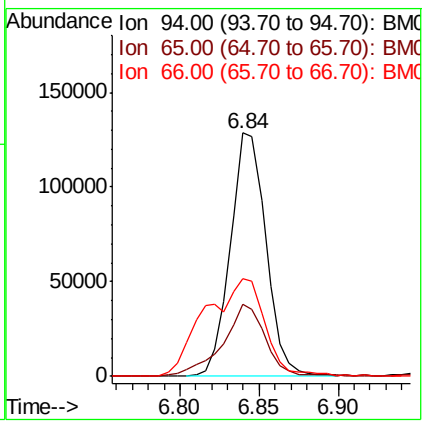


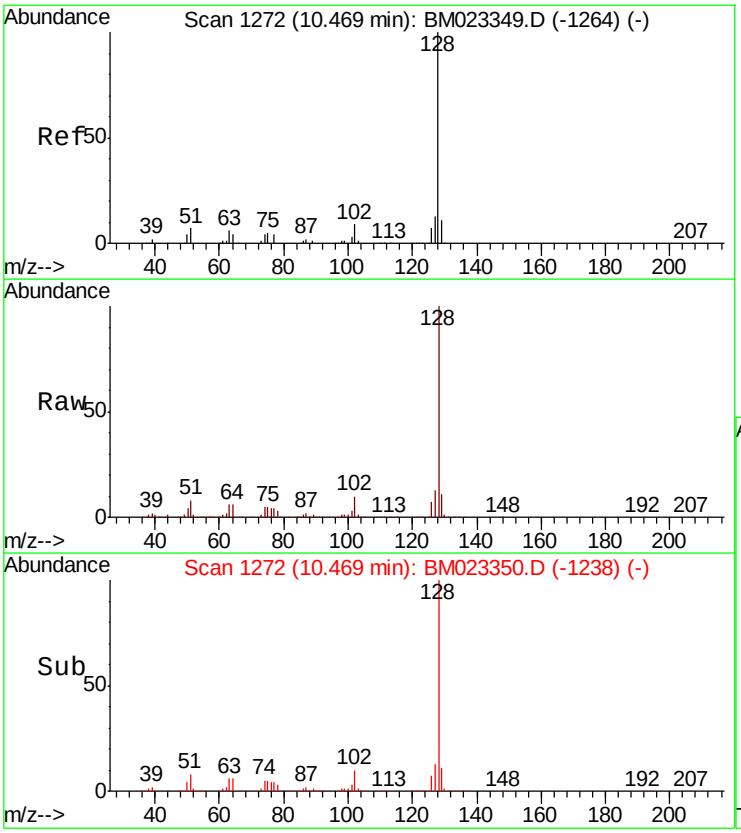
#6
Phenol
Concen: 3.784 ng/ul
RT: 6.84 min Scan# 655
Delta R.T. -0.01 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Instrument :
BNA_M
ClientSampleId :
ETOL8

Tgt Ion: 94 Resp: 200653

Ion	Ratio	Lower	Upper
94	100		
65	29.4	22.9	34.3
66	40.0	31.4	47.2

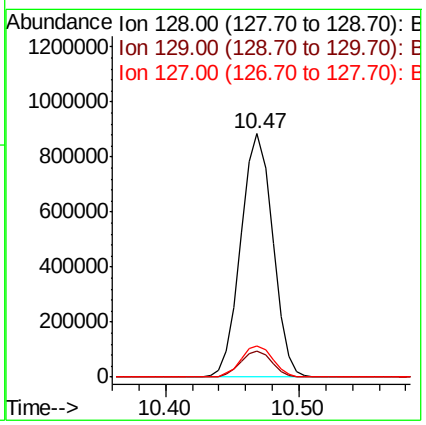


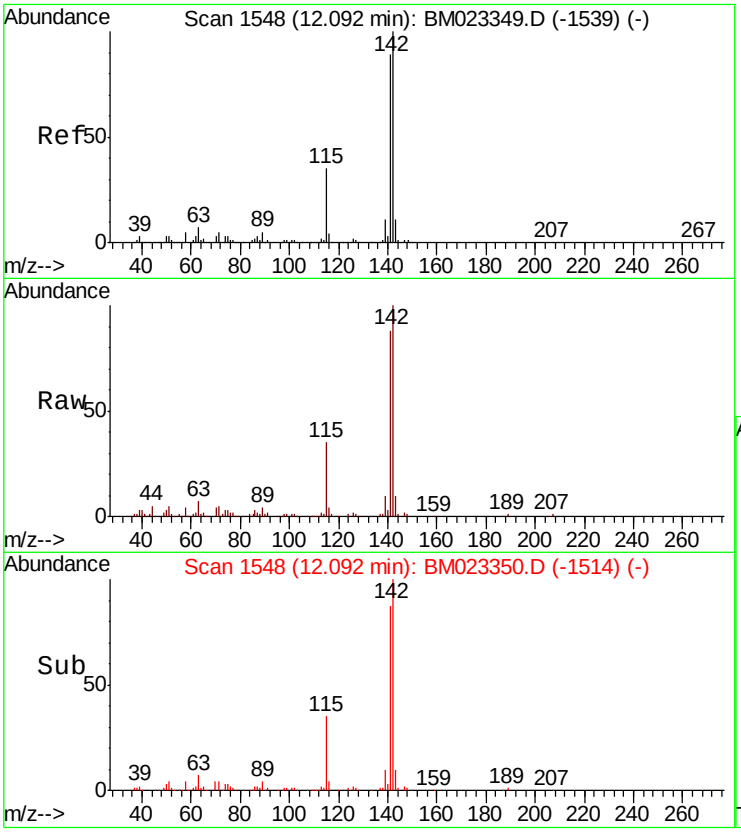


#28
Naphthalene
Concen: 10.175 ng/ul
RT: 10.47 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Tgt Ion:128 Resp: 1462349

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.9	10.4	15.6



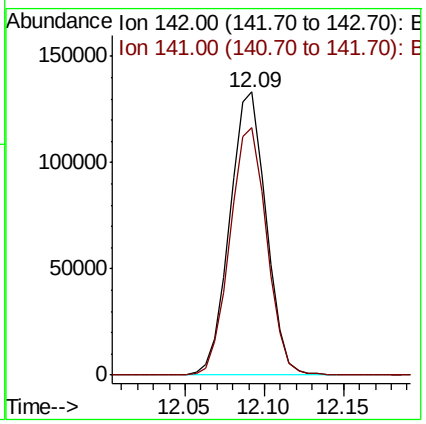


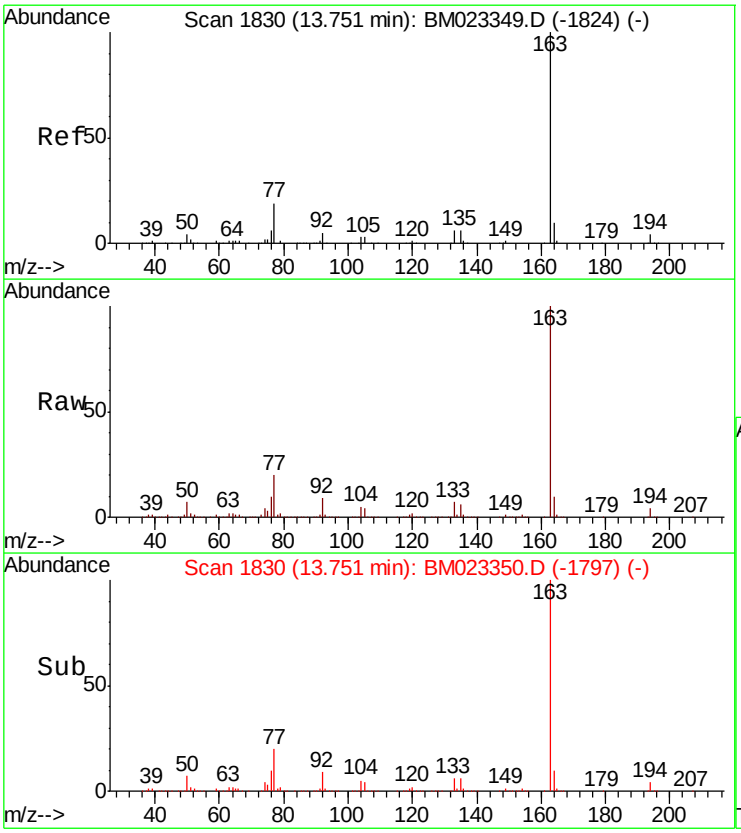
#34
2-Methylnaphthalene
Concen: 1.933 ng/ul
RT: 12.09 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Instrument :
BNA_M
ClientSampleId :
ETOL8

Tgt Ion:142 Resp: 212152

Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.4	108.6

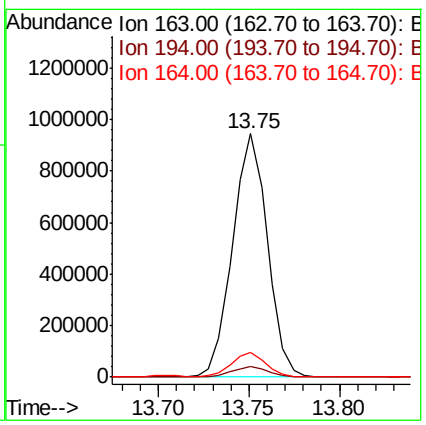


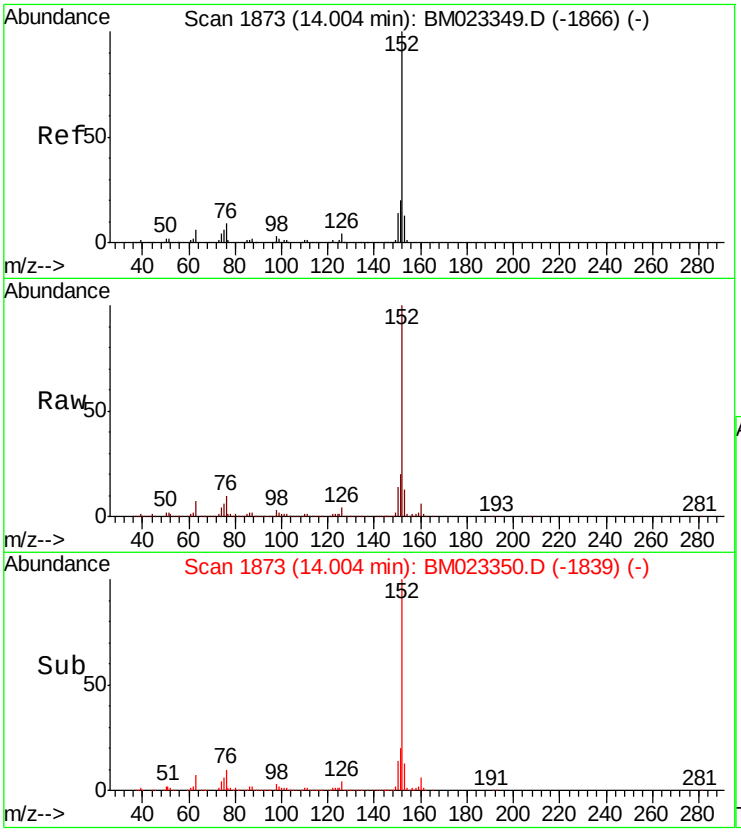


#45
Dimethylphthalate
Concen: 9.353 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Tgt Ion:163 Resp: 1255913

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.3	7.9	11.9



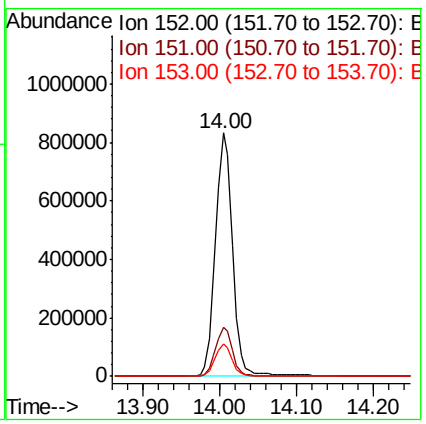


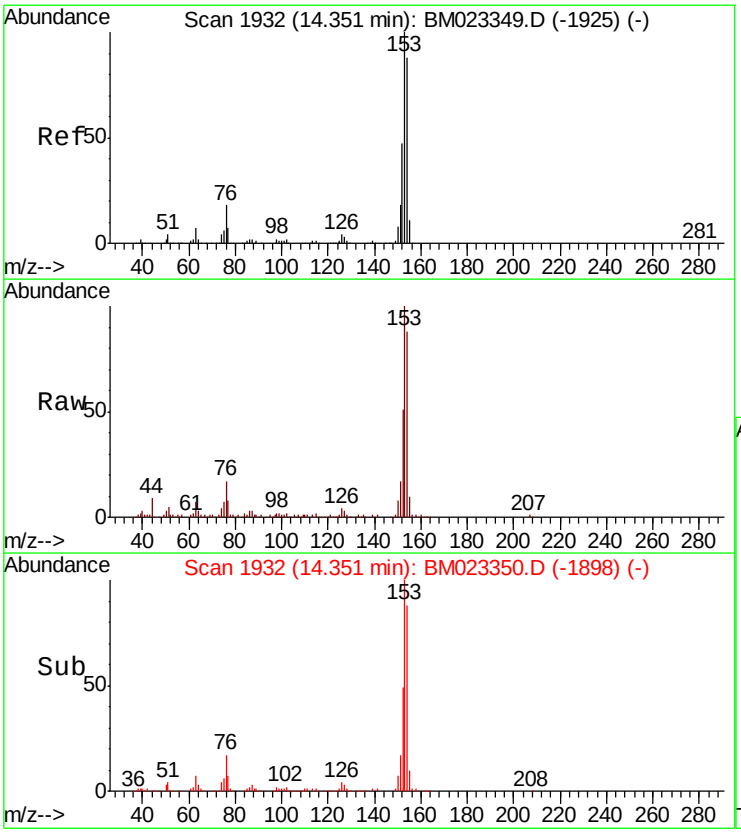
#48
Acenaphthylene
Concen: 8.059 ng/ul
RT: 14.00 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Instrument :
BNA_M
ClientSampleId :
ETOL8

Tgt Ion:152 Resp: 1279816

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.1	10.4	15.6

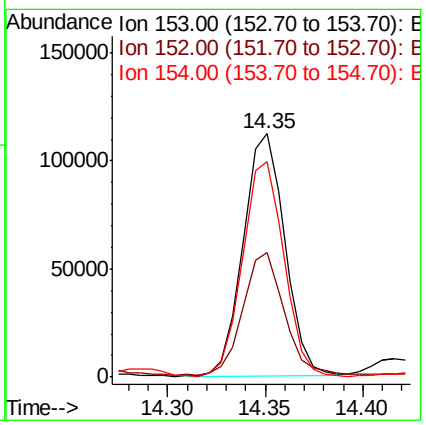


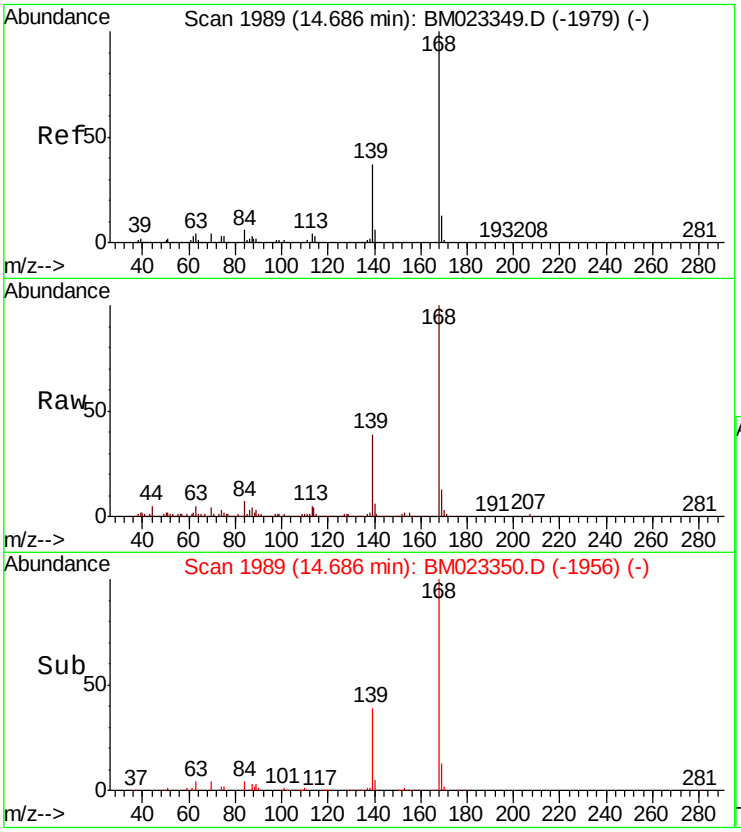


#50
Acenaphthene
Concen: 1.490 ng/ul
RT: 14.35 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Tgt Ion:153 Resp: 166438

Ion	Ratio	Lower	Upper
153	100		
152	51.0	37.9	56.9
154	88.3	70.6	106.0



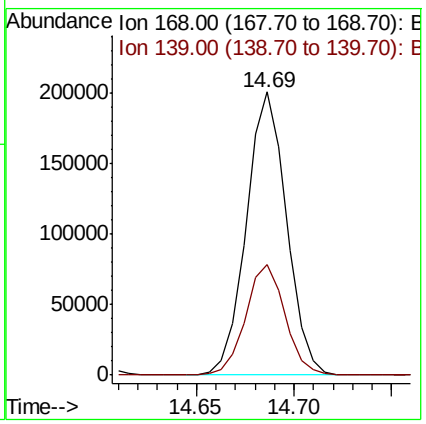


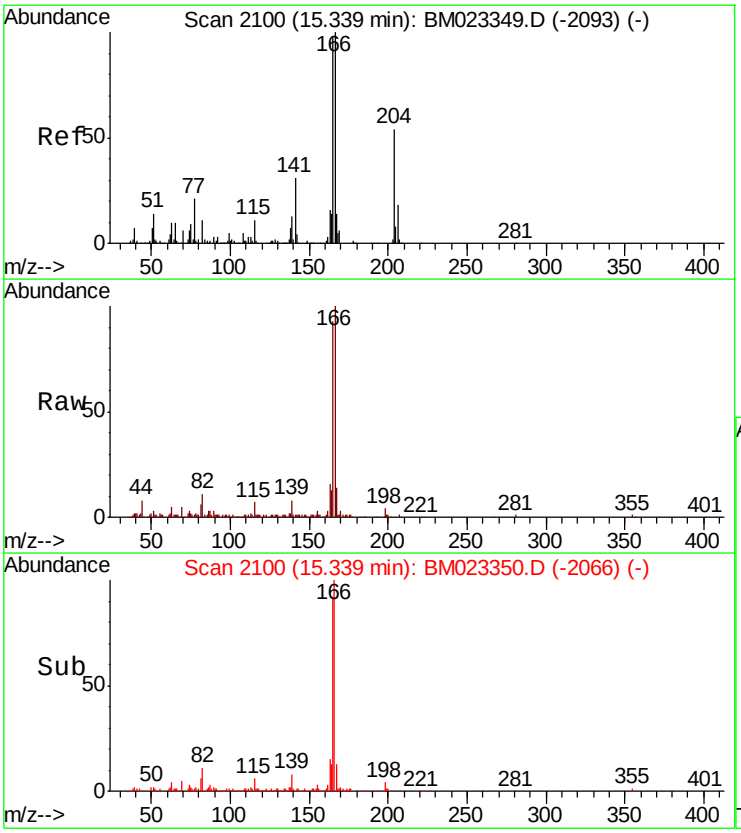
#54
Dibenzofuran
Concen: 1.788 ng/ul
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Instrument :
BNA_M
ClientSampleId :
ETOL8

Tgt Ion:168 Resp: 286036

Ion	Ratio	Lower	Upper
168	100		
139	39.0	29.7	44.5

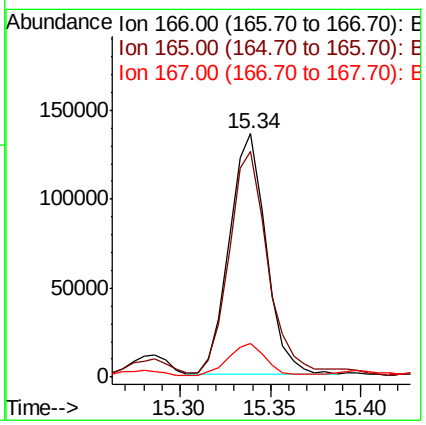


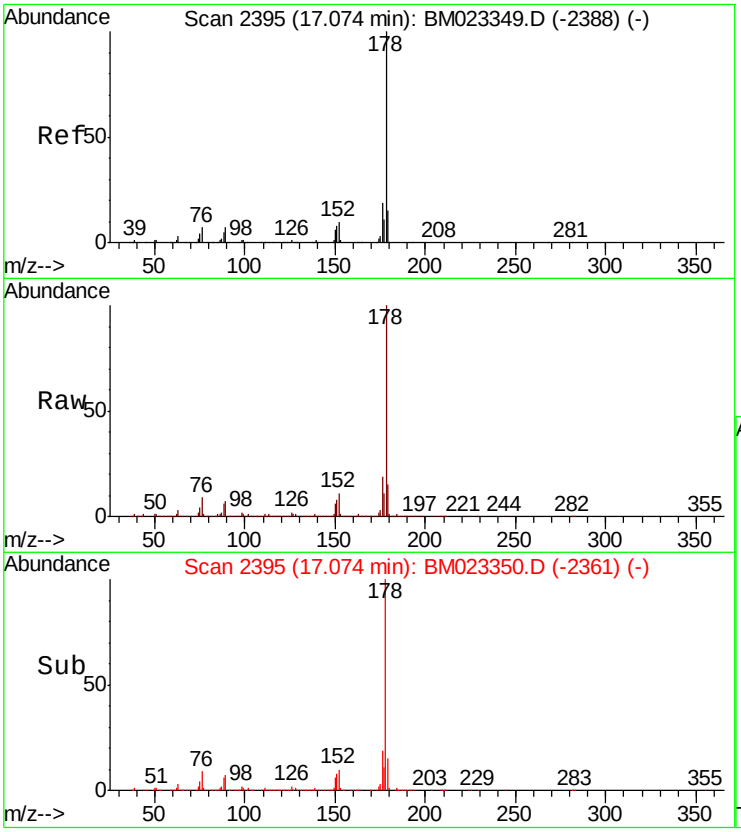


#59
Fluorene
Concen: 1.467 ng/ul
RT: 15.34 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Tgt Ion:166 Resp: 191324

Ion	Ratio	Lower	Upper
166	100		
165	92.7	77.8	116.6
167	13.8	10.8	16.2



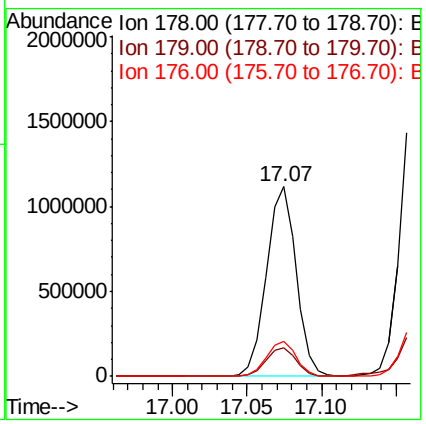


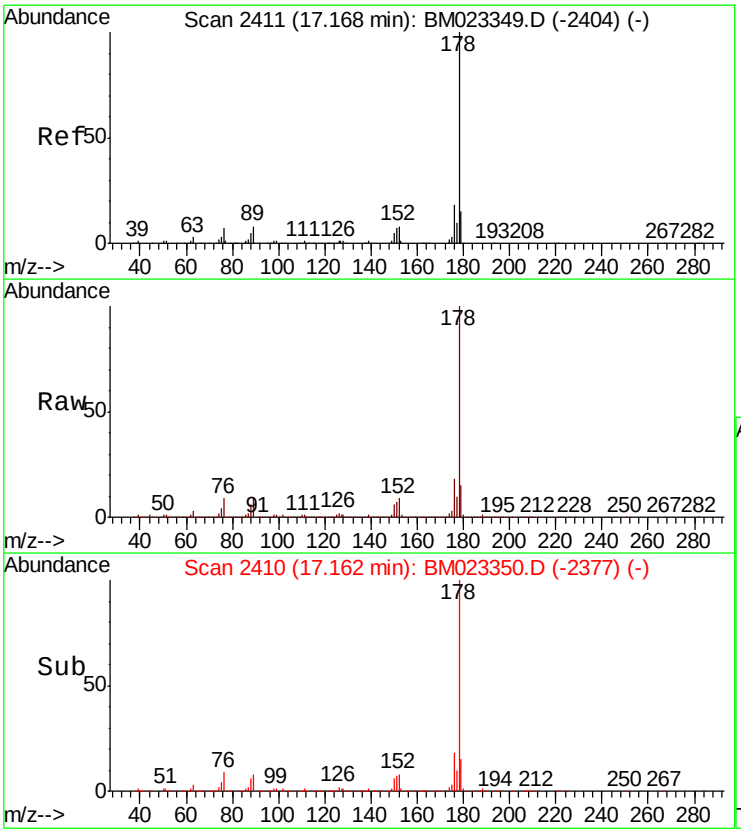
#70
Phenanthrene
Concen: 8.232 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Instrument :
BNA_M
ClientSampleId :
ETOL8

Tgt Ion:178 Resp: 1533469

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.8	14.9	22.3

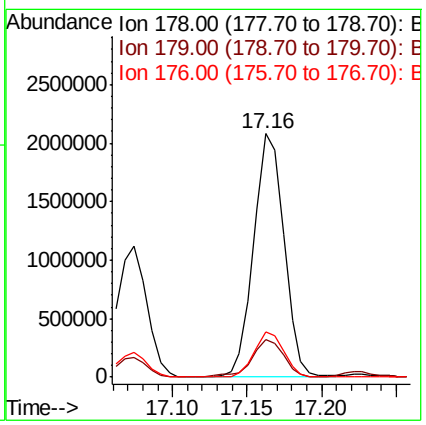


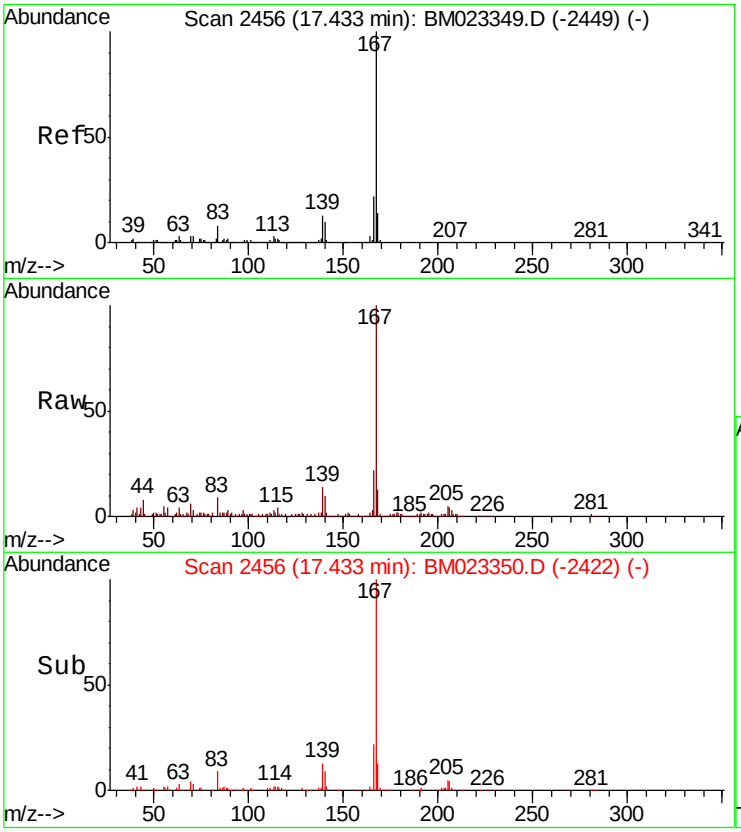


#72
Anthracene
Concen: 15.468 ng/ul
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Tgt Ion:178 Resp: 2919547

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	18.4	14.4	21.6



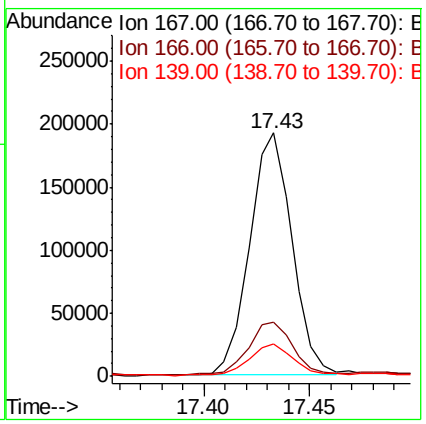


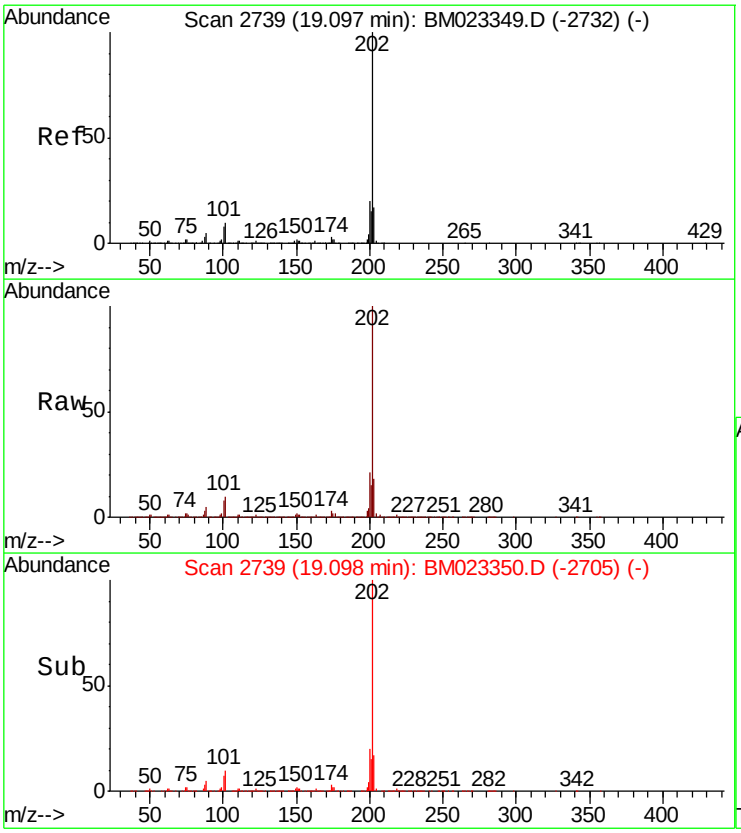
#75
Carbazole
Concen: 1.686 ng/ul
RT: 17.43 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Instrument :
BNA_M
ClientSampleId :
ETOL8

Tgt Ion:167 Resp: 268278

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.1	25.7
139	13.5	10.0	15.0

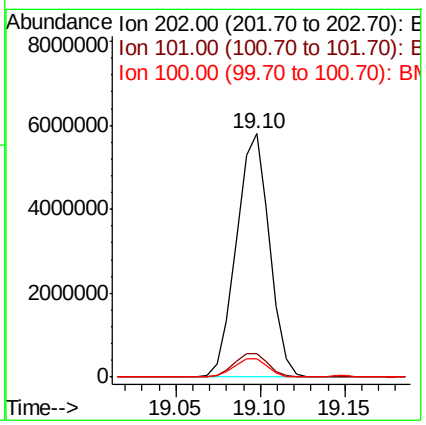


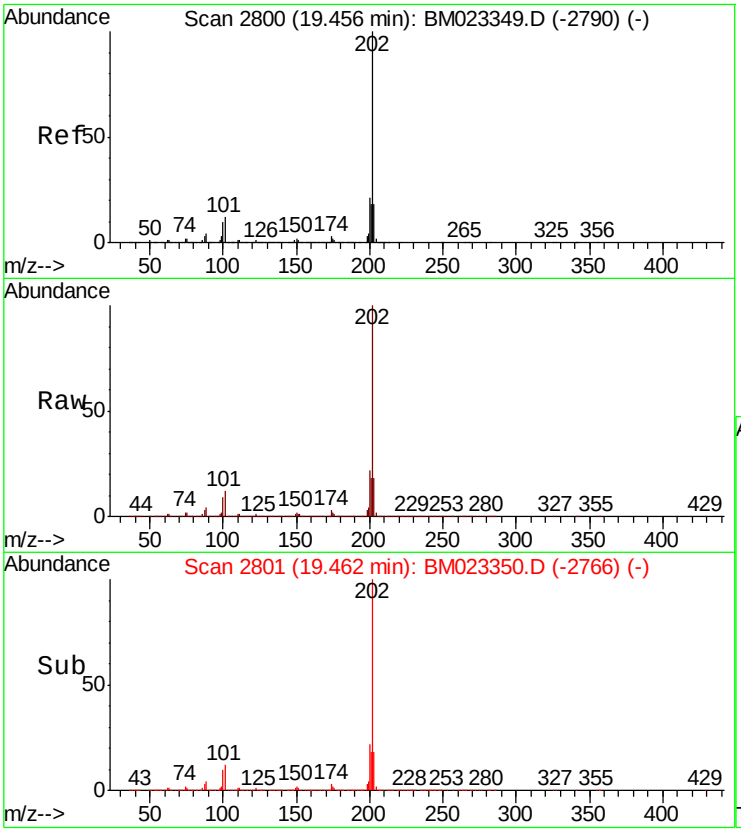


#77
Fluoranthene
Concen: 40.454 ng/ul
RT: 19.10 min Scan# 2739
Delta R.T. -0.00 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Tgt Ion:202 Resp: 7860774

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.1	12.1
100	7.5	6.2	9.2



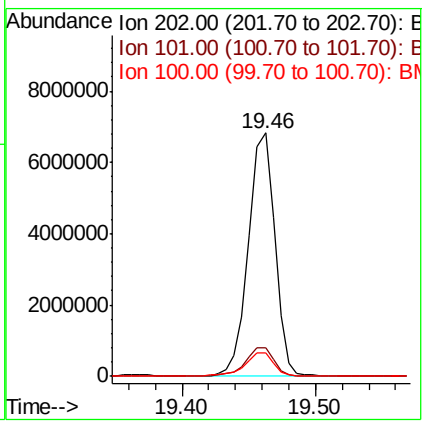


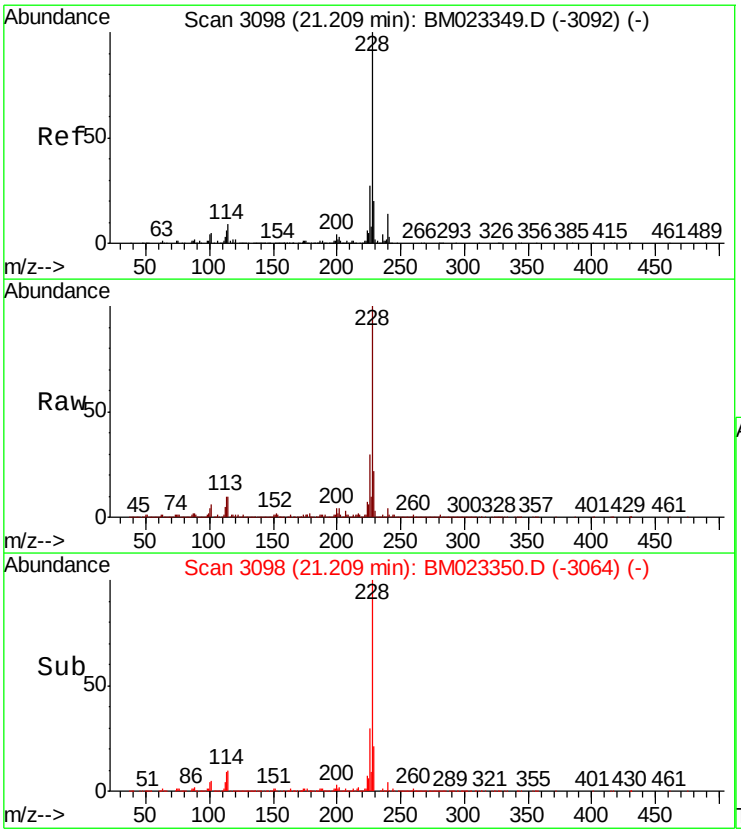
#80
Pyrene
Concen: 57.516 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. 0.01 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Instrument :
BNA_M
ClientSampleId :
ETOL8

Tgt Ion:202 Resp: 9349601

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.0	15.0
100	9.5	8.3	12.5

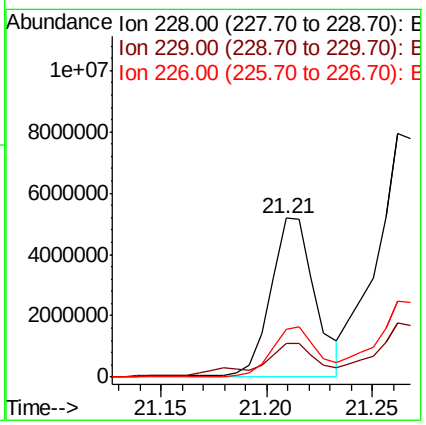


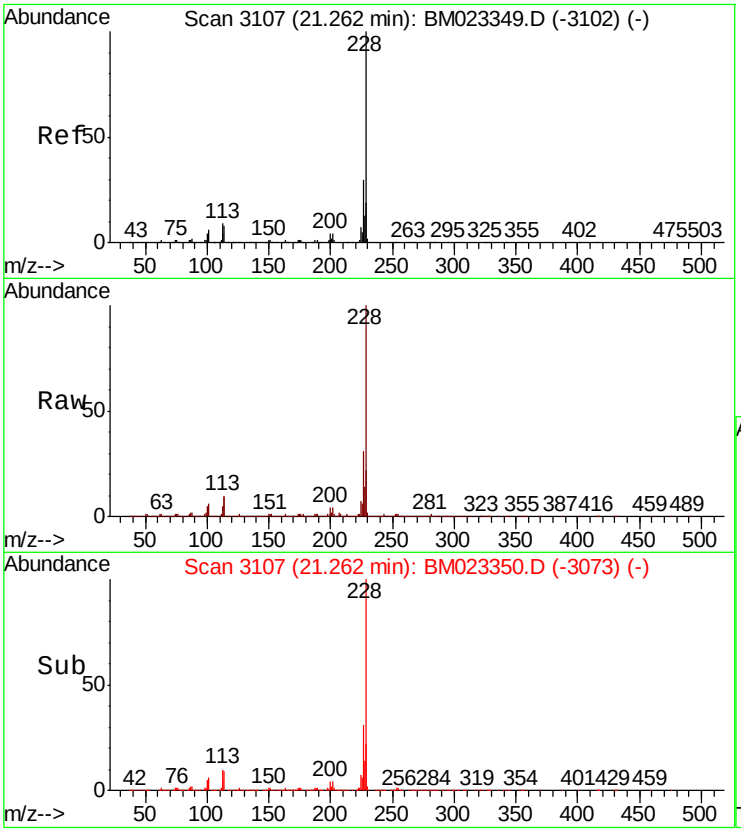


#83
Benzo(a)anthracene
Concen: 49.175 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Tgt Ion:228 Resp: 7570996

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.8
226	30.3	21.6	32.4



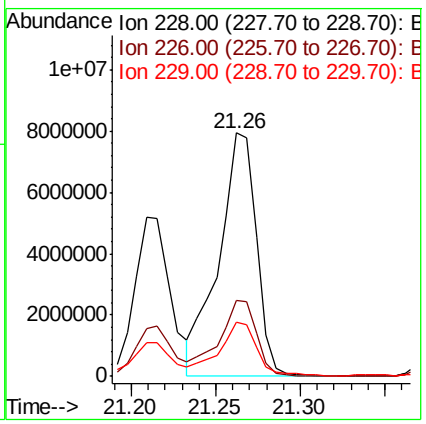


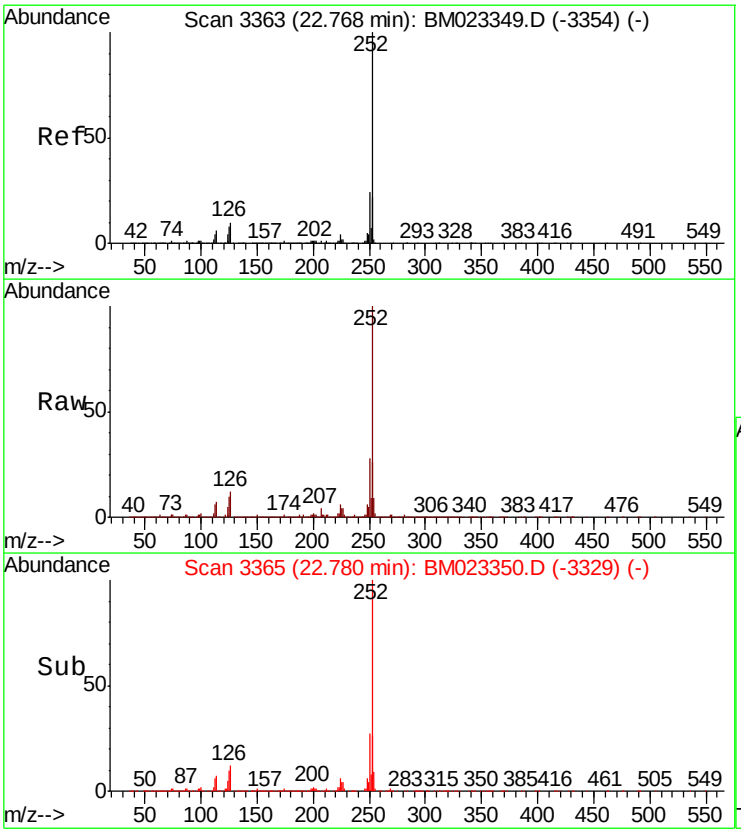
#85
Chrysene
Concen: 86.044 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Instrument :
BNA_M
ClientSampleId :
ETOL8

Tgt Ion:228 Resp:12223142

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.0	36.0
229	22.1	16.0	24.0

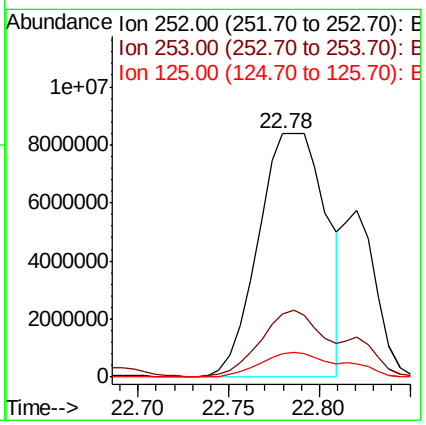


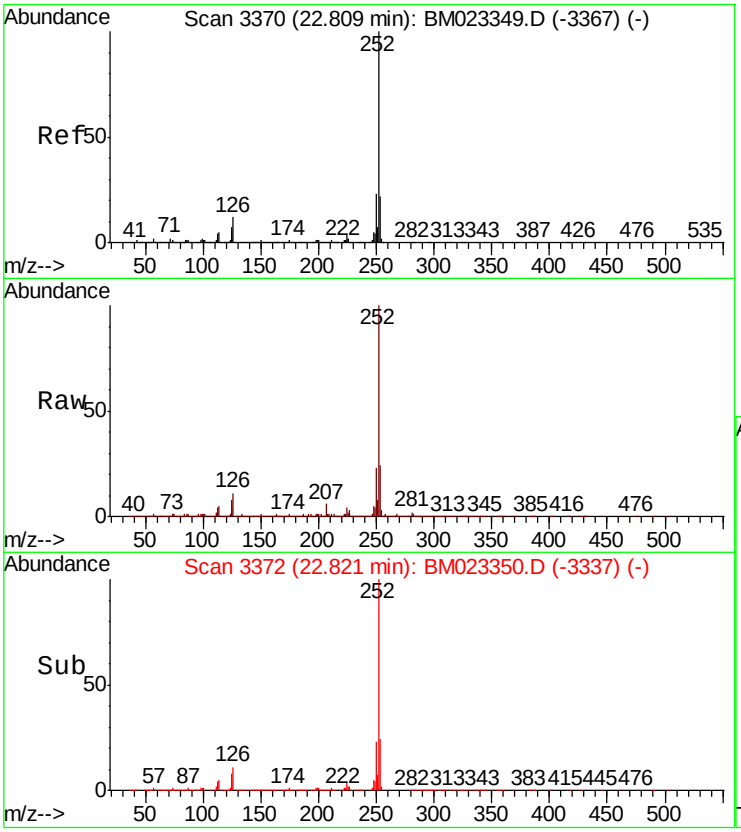


#88
Benzo(b)fluoranthene
Concen: 132.450 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Tgt Ion:252 Resp:21879767

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.5	26.3
125	9.8	7.1	10.7



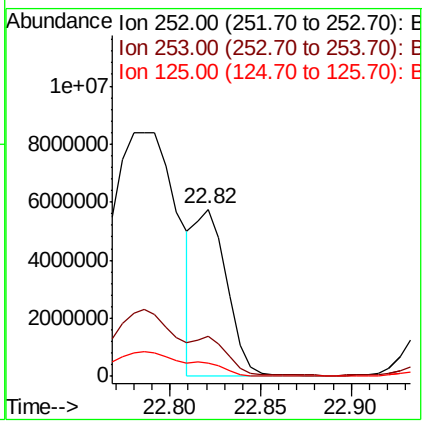


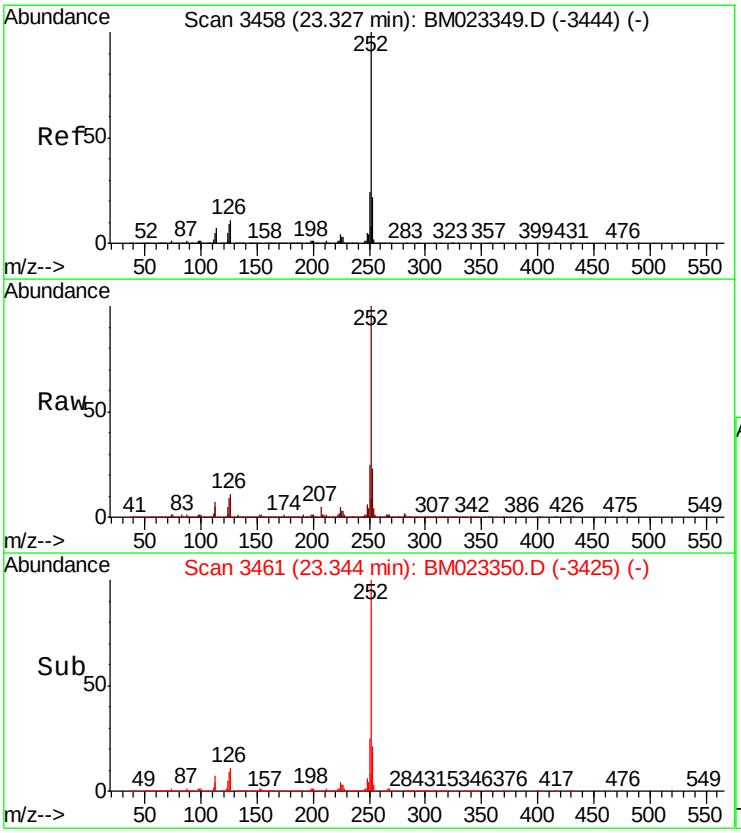
#89
Benzo(k)fluoranthene
Concen: 45.521 ng/ul
RT: 22.82 min Scan# 3372
Delta R.T. 0.01 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Instrument :
BNA_M
ClientSampleId :
ETOL8

Tgt Ion:252 Resp: 7061037

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	8.1	6.8	10.2

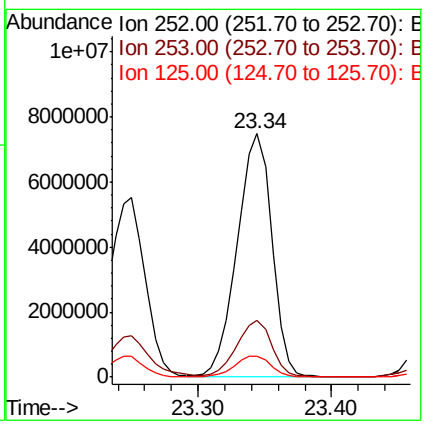


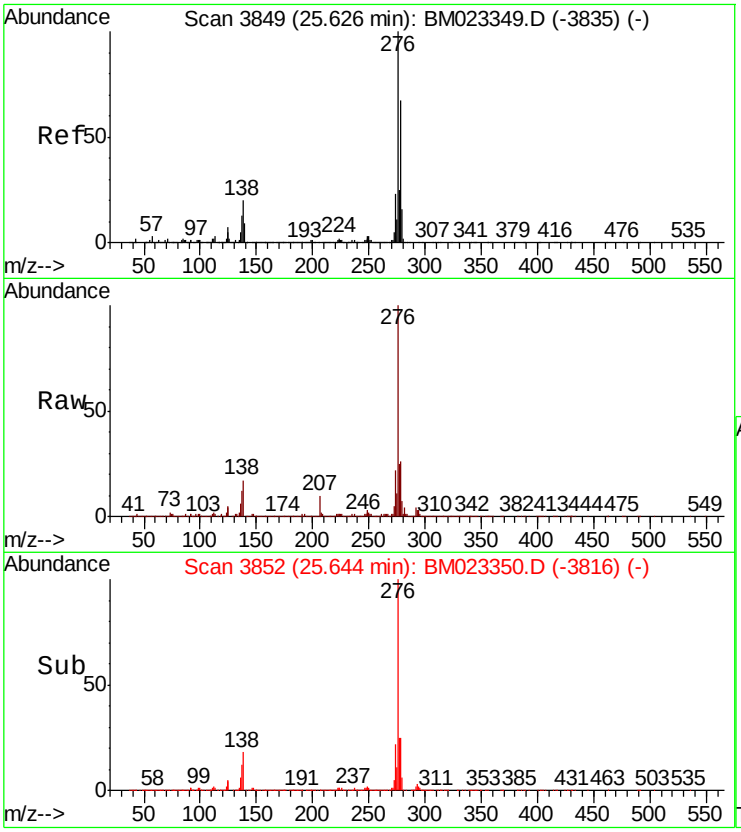


#91
Benzo(a)pyrene
Concen: 89.307 ng/ul
RT: 23.34 min Scan# 3461
Delta R.T. 0.01 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Tgt Ion:252 Resp:13355999

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	8.8	7.5	11.3



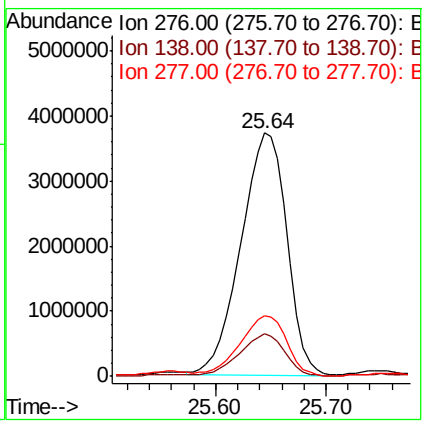


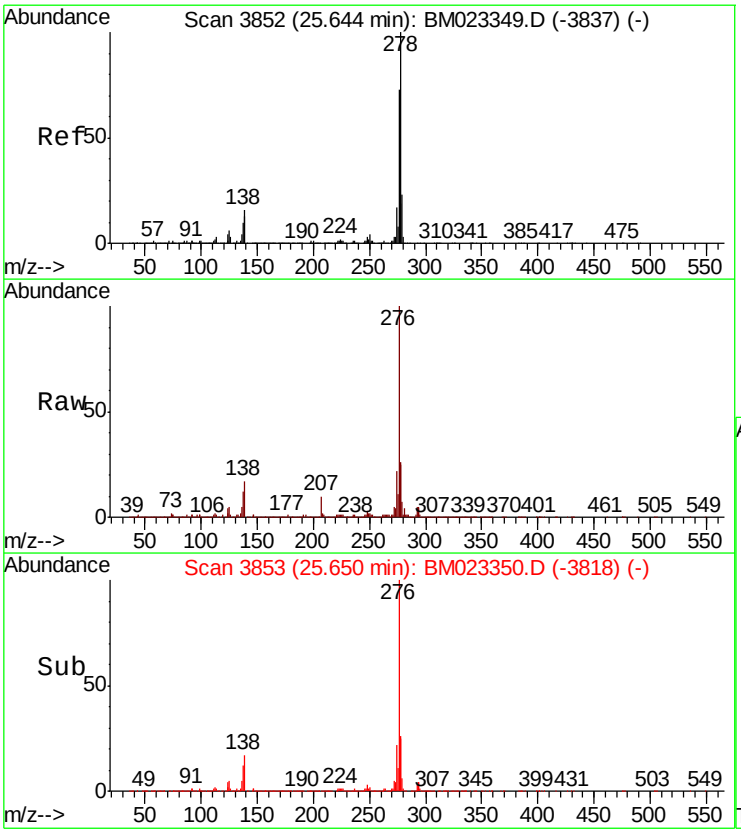
#92
Indeno(1,2,3-cd)pyrene
Concen: 67.269 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. 0.01 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Instrument :
BNA_M
ClientSampleId :
ETOL8

Tgt Ion:276 Resp:10892853

Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.7	23.5
277	24.9	20.2	30.2

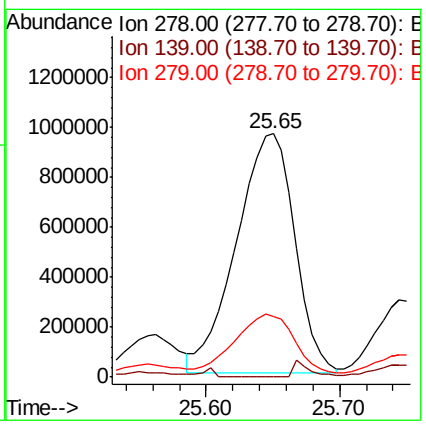


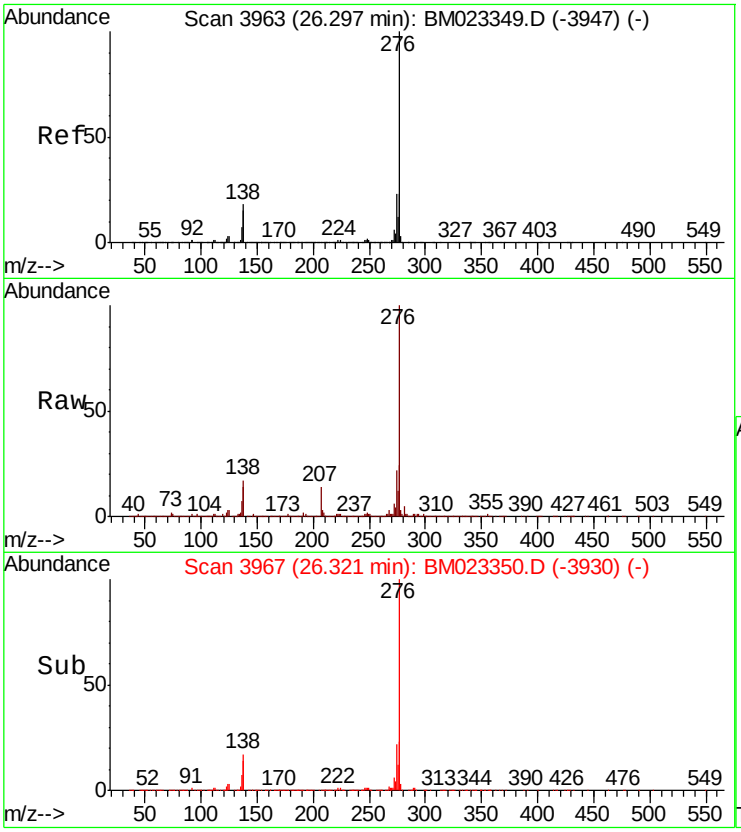


#93
Dibenzo(a,h)anthracene
Concen: 21.334 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. 0.01 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Tgt Ion:278 Resp: 2912969

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	24.8	18.7	28.1





#94
Benzo(g,h,i)perylene
Concen: 61.986 ng/ul
RT: 26.32 min Scan# 3967
Delta R.T. 0.02 min
Lab File: BM023350.D
Acq: 23 Oct 2019 20:11

Instrument :
BNA_M
ClientSampleId :
ETOL8

Tgt Ion:276 Resp: 8166472

Ion	Ratio	Lower	Upper
276	100		
138	17.1	14.4	21.6
277	23.6	19.0	28.6