Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

Quantitation Report (Not Reviewed)

Data File : BM023877.D
Acq On : 23 Nov 2019 03:21
Operator : JU
Sample : K5854-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD0

Quant Time: Nov 23 05:26:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	388474	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1554596	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	950832	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	1950406	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1903653	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2387972	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	28897	3.07	ng/uL	0.00
5) Phenol-d5	6.70	99	576966	16.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	344584	16.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	477463	18.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	382709	13.55	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	230942	20.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	264386	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	463367	17.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	429736	14.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1467511	19.79	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1800917	21.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	121248	9.58	ng/ul	0.02
58) Fluorene-d10	15.17	176	1328749	20.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	50511	4.48	ng/ul	0.00
71) Anthracene-d10	17.02	188	2013993	21.77	ng/ul	0.00
79) Pyrene-d10	19.33	212	2197596	22.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	2766161	22.01	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.66	77	71917	3.462	ng/ul#	49
6) Phenol	6.73	94	155993	4.276	ng/ul	96
14) Acetophenone	8.33	105	88335	2.005	ng/ul	97
28) Naphthalene	10.33	128	141261	1.729	ng/ul	99
34) 2-Methylnaphthalene	11.96	142	129929	2.079	ng/ul	97
45) Dimethylphthalate	13.63	163	3897504	53.637	ng/ul	99
70) Phenanthrene	16.96	178	1014201	9.440	ng/ul	100
72) Anthracene	17.06	178	227946	2.110	ng/ul	98
75) Carbazole	17.33	167	115840	1.286	ng/ul	94
76) Di-n-butylphthalate	17.91	149	125162	1.260	ng/ul#	92
77) Fluoranthene	18.99	202	1600641	13.907	ng/ul	96
80) Pyrene	19.36	202	1485756	12.075	ng/ul	98
81) Butylbenzylphthalate	20.27	149	156745	4.022	ng/ul	89
83) Benzo(a)anthracene	21.11	228	725419	5.777	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.06	149	2502329	42.526	ng/ul	98
85) Chrysene	21.11	228	753336	6.373	ng/ul	95
87) Di-n-octyl phthalate	21.93	149	147575	1.264	ng/ul	100
88) Benzo(b)fluoranthene	22.64	252	1157706	7.605	ng/ul#	88
89) Benzo(k)fluoranthene	22.64	252	1157706	7.894	ng/ul#	86
91) Benzo(a)pyrene	23.19	252	745470	5.349	ng/ul#	86
92) Indeno(1,2,3-cd)pyrene	25.43	276	532760	3.575	ng/ul	98
93) Dibenzo(a,h)anthracene	25.42	278	150880	1.200	ng/ul#	61
94) Benzo(g,h,i)perylene	26.07	276	534921	4.430	ng/ul#	94

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

Quantitation Report (Not Reviewed)

Data File : BM023877.D
Acq On : 23 Nov 2019 03:21
Operator : JU
Sample : K5854-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD0

Quant Time: Nov 23 05:26:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

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

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

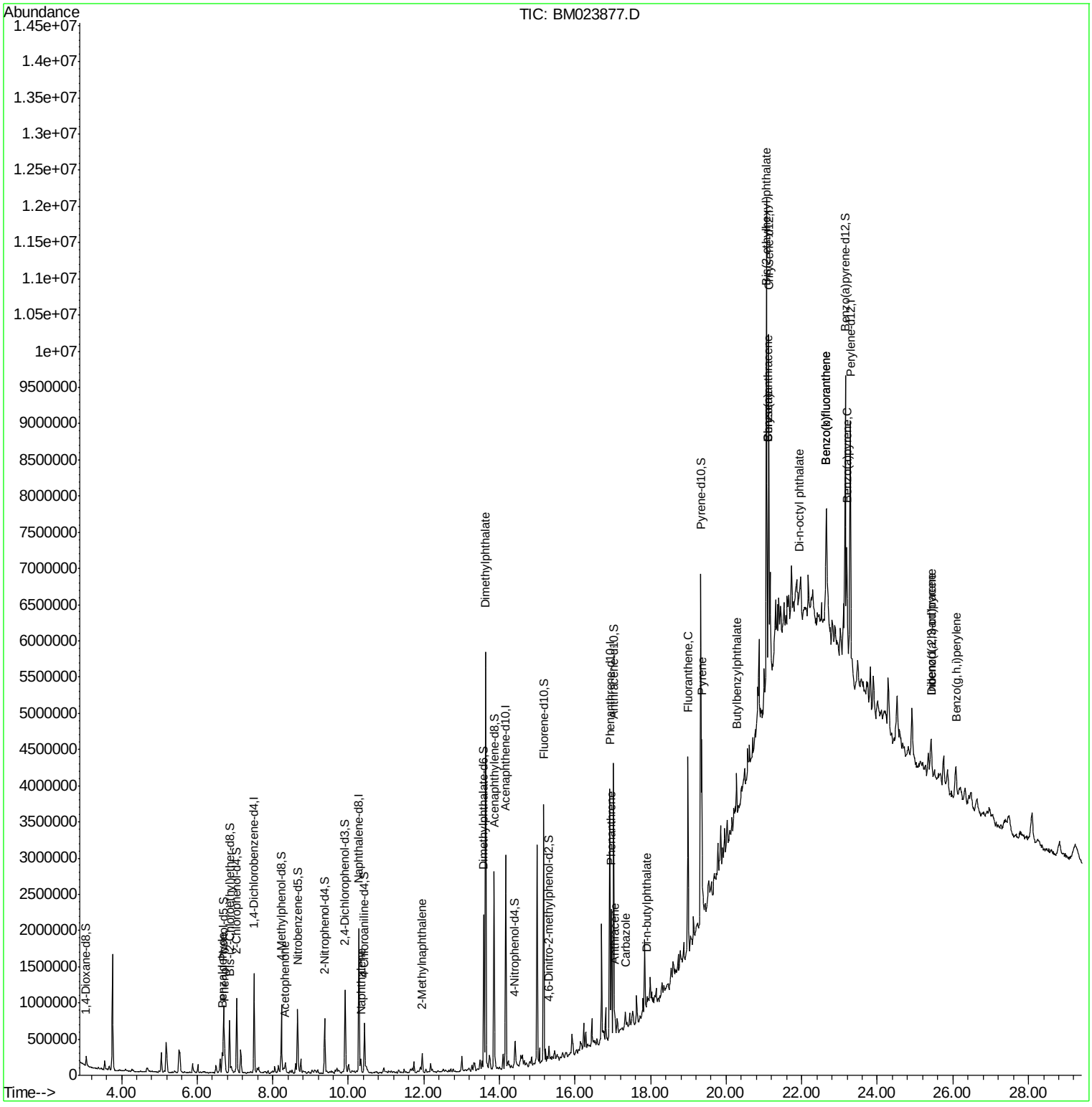
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

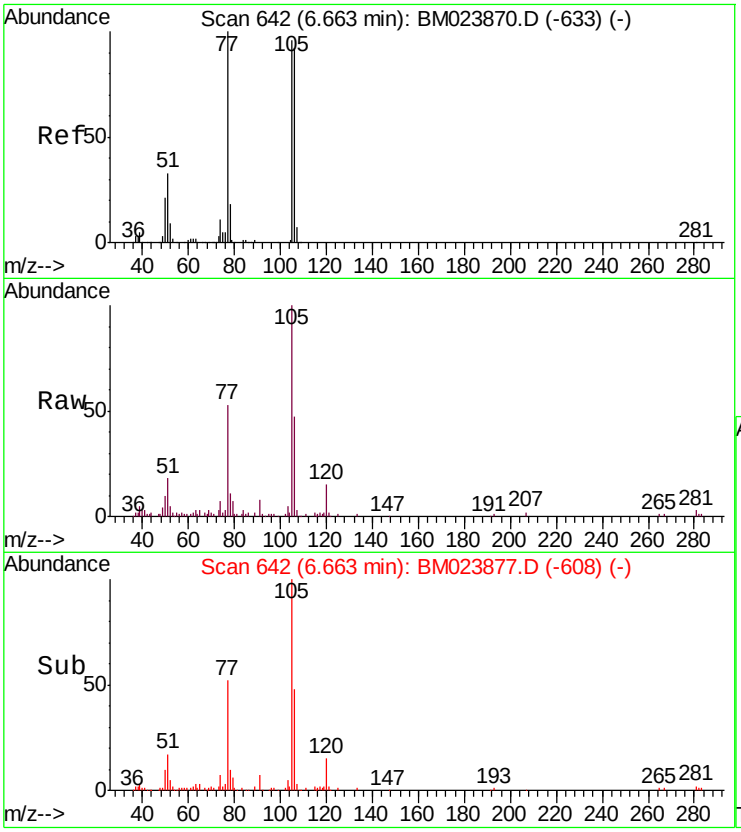
Quantitation Report (Not Reviewed)

Data File : BM023877.D
Acq On : 23 Nov 2019 03:21
Operator : JU
Sample : K5854-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD0

Quant Time: Nov 23 05:26:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration



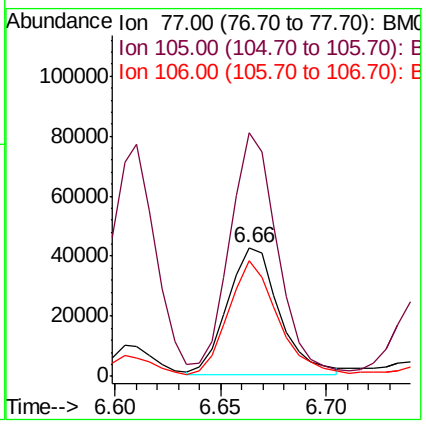


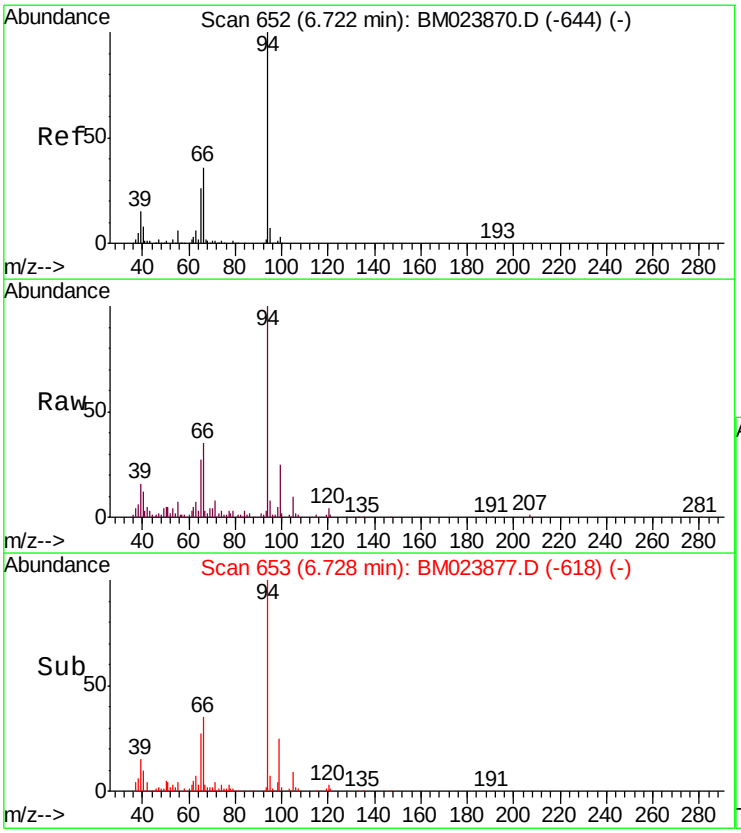
#4
Benzaldehyde
Concen: 3.462 ng/ul
RT: 6.66 min Scan# 642
Delta R.T. 0.00 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion: 77 Resp: 71917

Ion	Ratio	Lower	Upper
77	100		
105	188.9	75.9	113.9#
106	89.7	70.2	105.4

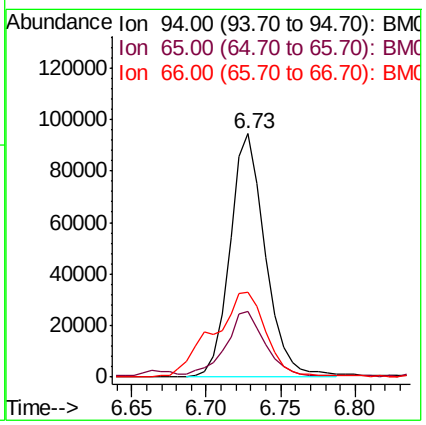


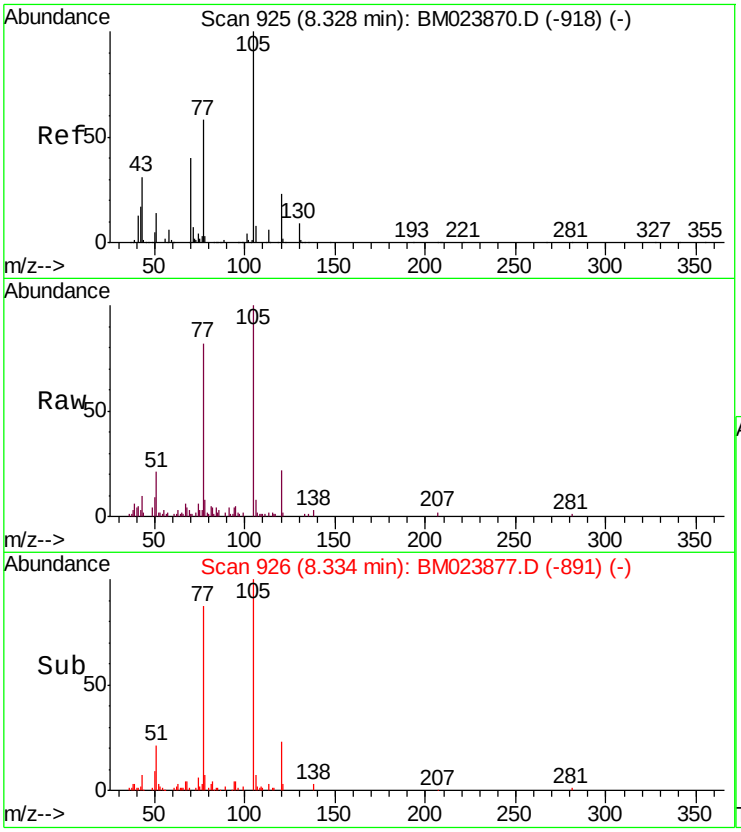


#6
Phenol
Concen: 4.276 ng/ul
RT: 6.73 min Scan# 653
Delta R.T. 0.01 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Tgt Ion: 94 Resp: 155993

Ion	Ratio	Lower	Upper
94	100		
65	27.2	21.4	32.2
66	35.0	30.7	46.1



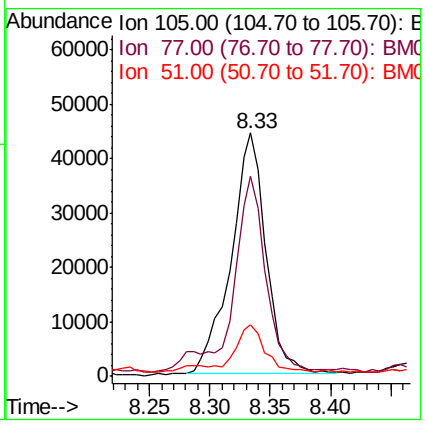


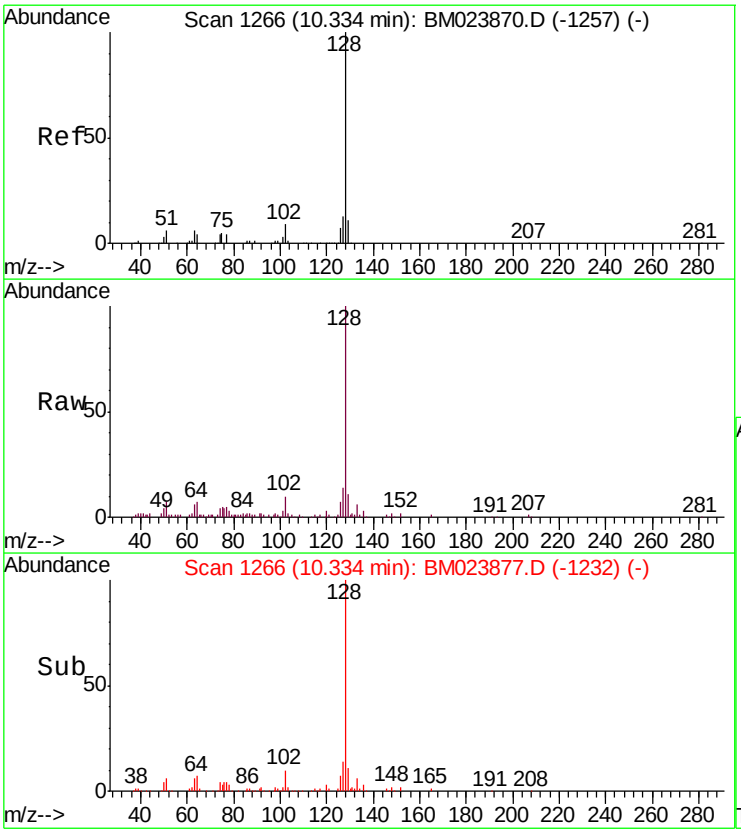
#14
Acetophenone
Concen: 2.005 ng/ul
RT: 8.33 min Scan# 926
Delta R.T. 0.01 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:105 Resp: 88335

Ion	Ratio	Lower	Upper
105	100		
77	82.3	63.8	95.6
51	21.4	16.3	24.5

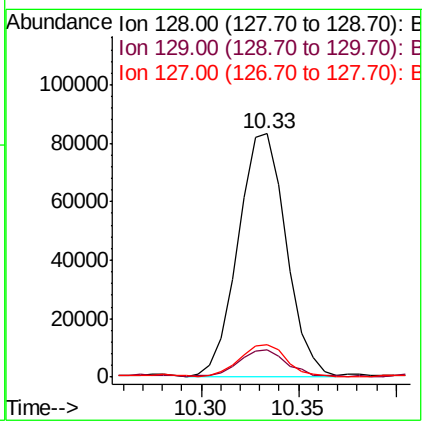


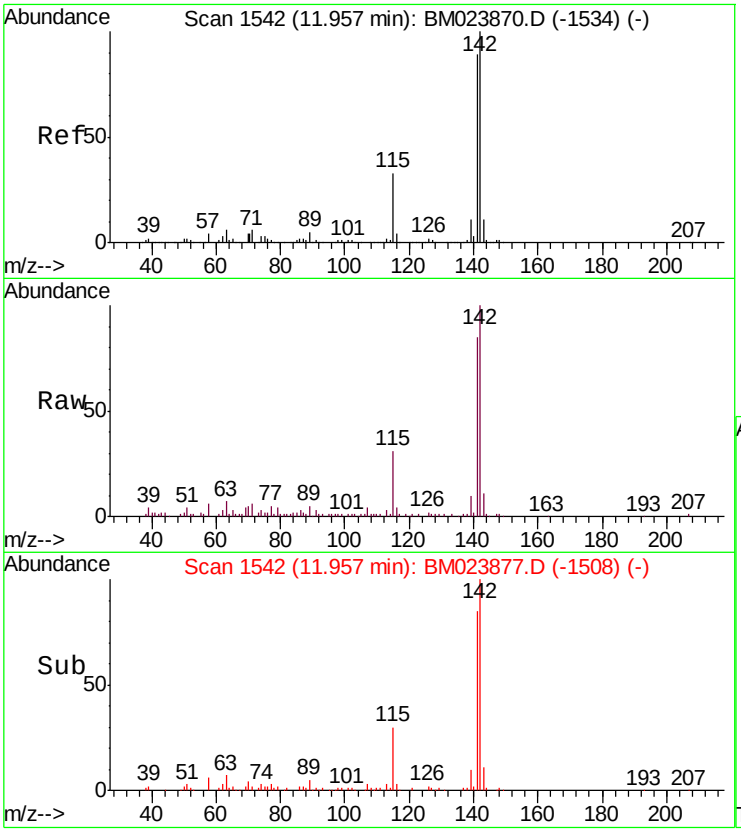


#28
Naphthalene
Concen: 1.729 ng/ul
RT: 10.33 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Tgt Ion:128 Resp: 141261

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.5	10.6	16.0



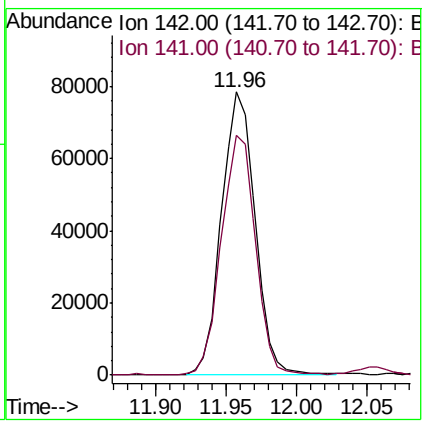


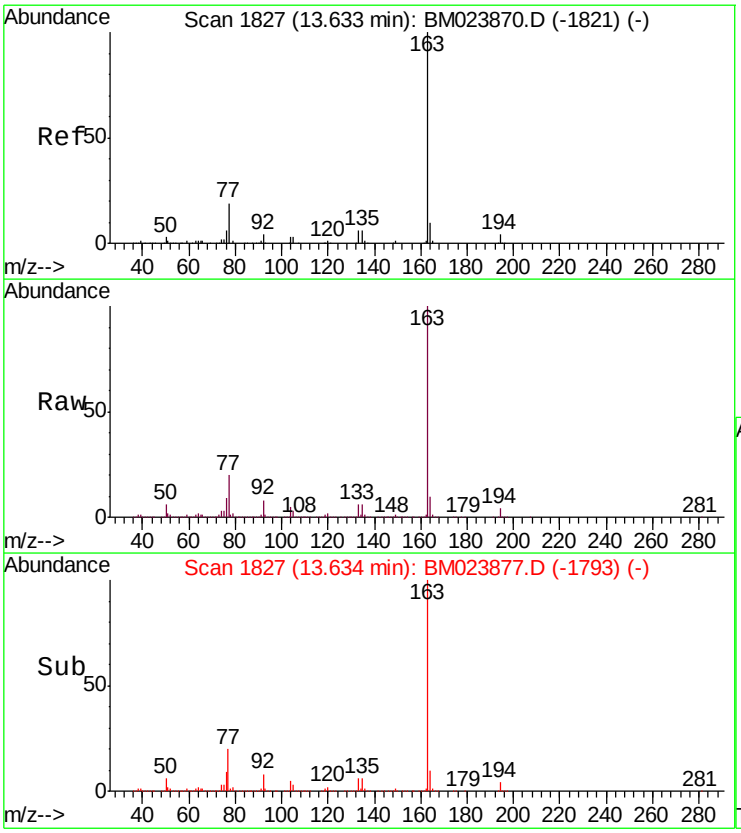
#34
2-Methylnaphthalene
Concen: 2.079 ng/ul
RT: 11.96 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:142 Resp: 129929

Ion	Ratio	Lower	Upper
142	100		
141	85.0	69.8	104.8

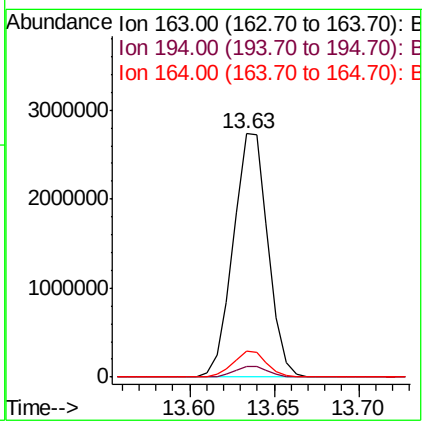


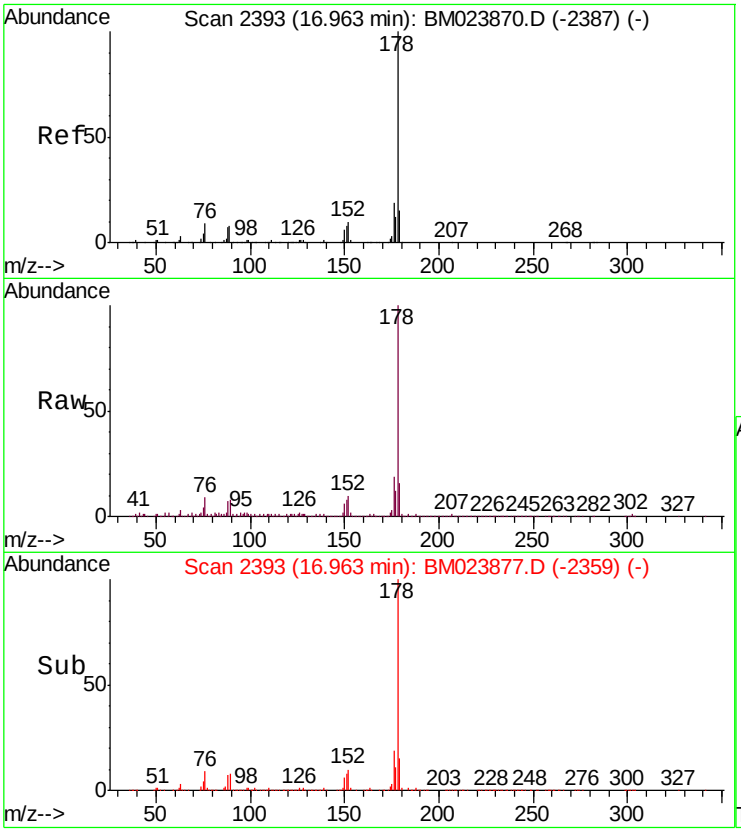


#45
Dimethylphthalate
Concen: 53.637 ng/ul
RT: 13.63 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Tgt Ion:163 Resp: 3897504

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.5	8.0	12.0



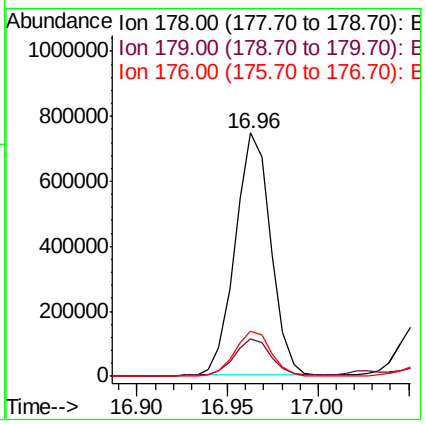


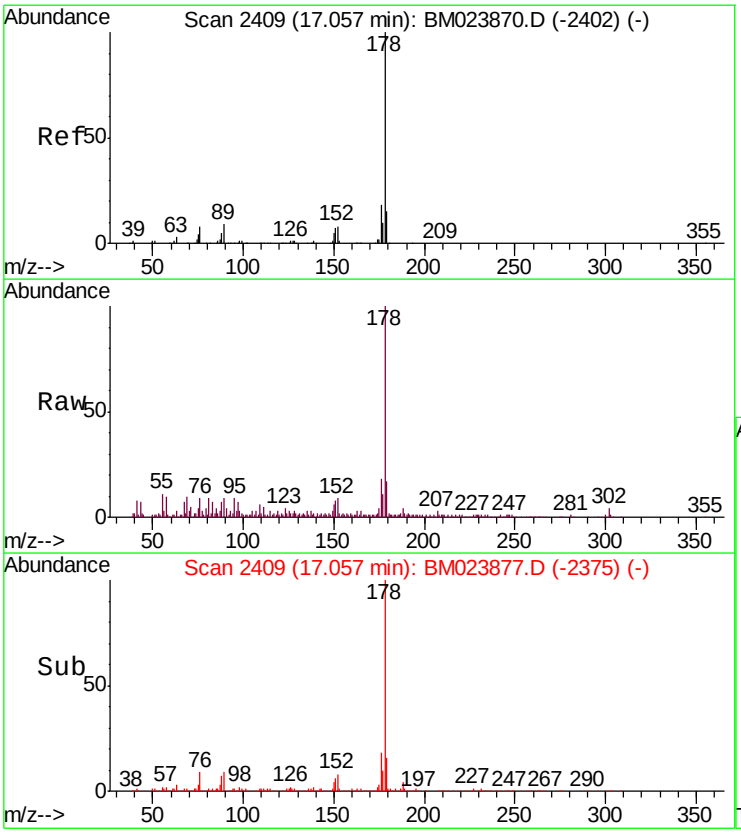
#70
Phenanthrene
Concen: 9.440 ng/ul
RT: 16.96 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:178 Resp: 1014201

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.7	15.0	22.6

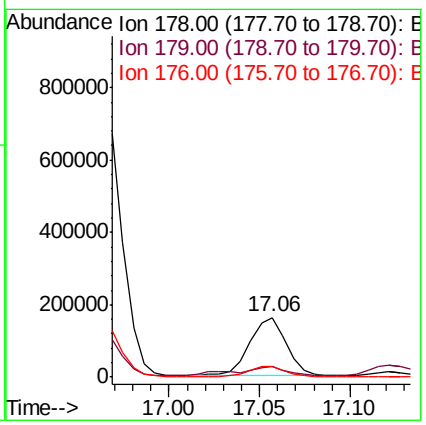


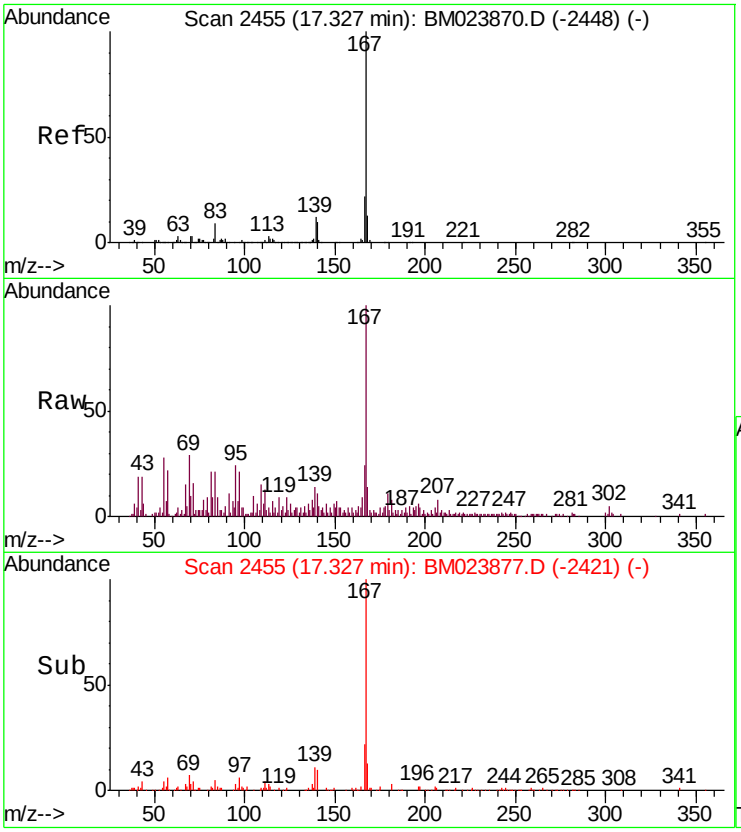


#72
Anthracene
Concen: 2.110 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Tgt Ion:178 Resp: 227946

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.3	18.5
176	18.5	14.7	22.1



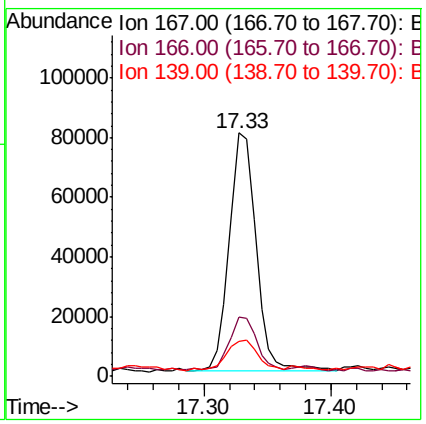


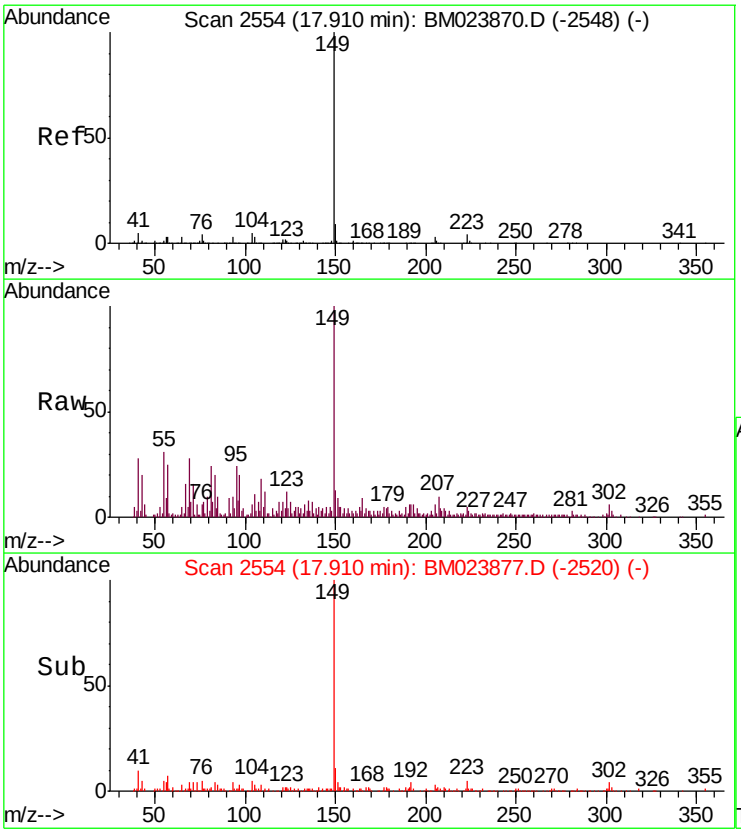
#75
Carbazole
Concen: 1.286 ng/ul
RT: 17.33 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:167 Resp: 115840

Ion	Ratio	Lower	Upper
167	100		
166	24.3	17.1	25.7
139	14.2	9.8	14.6

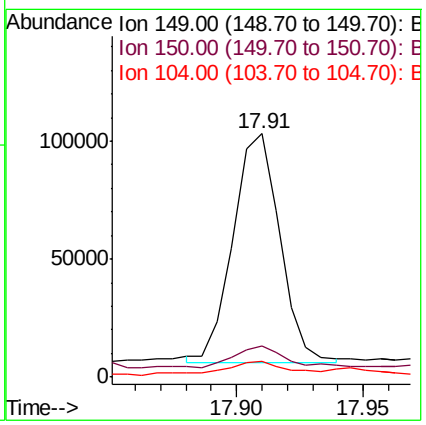


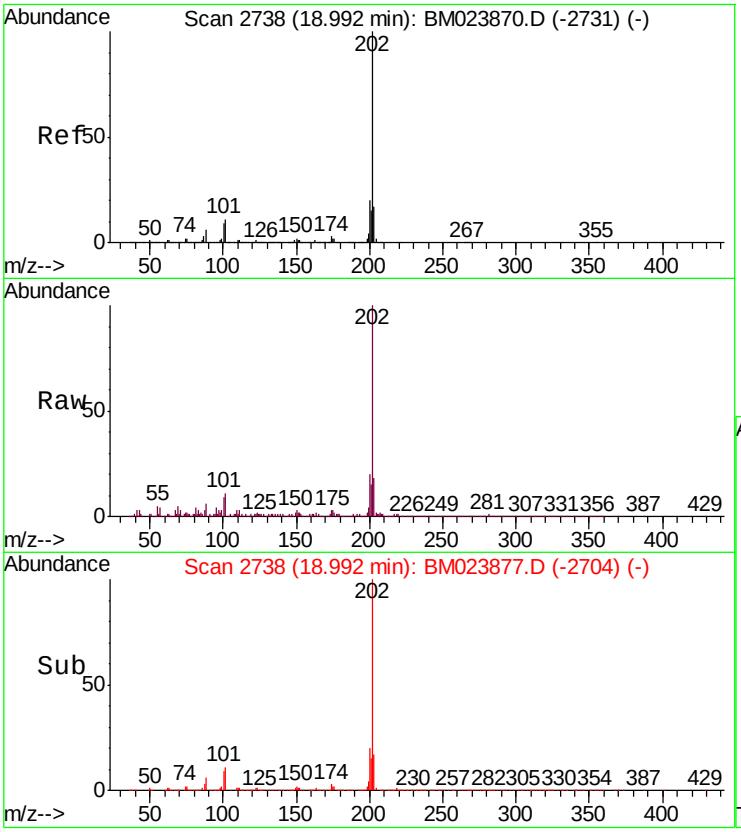


#76
Di-n-butylphthalate
Concen: 1.260 ng/ul
RT: 17.91 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Tgt Ion:149 Resp: 125162

Ion	Ratio	Lower	Upper
149	100		
150	12.7	7.1	10.7#
104	6.4	4.2	6.2#



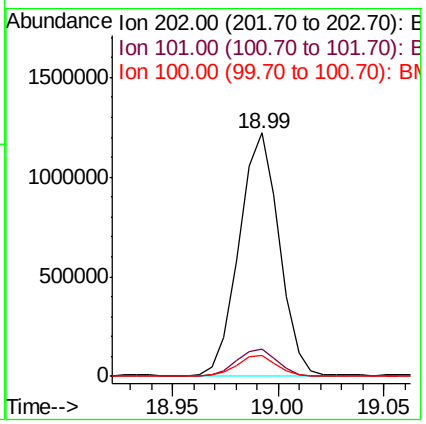


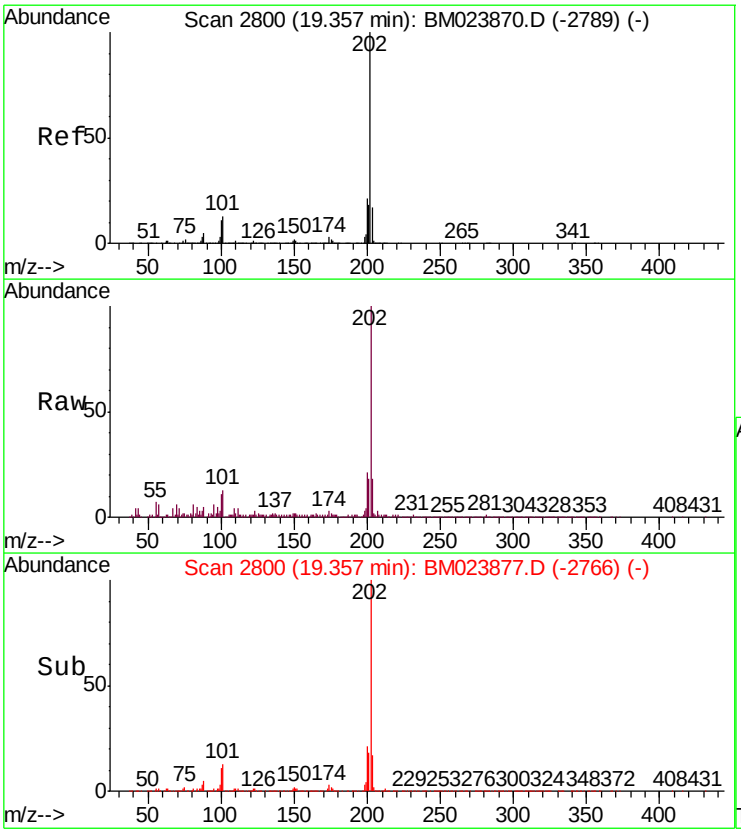
#77
Fluoranthene
Concen: 13.907 ng/ul
RT: 18.99 min Scan# 2738
Delta R.T. 0.00 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:202 Resp: 1600641

Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.7	11.5
100	8.8	6.0	9.0

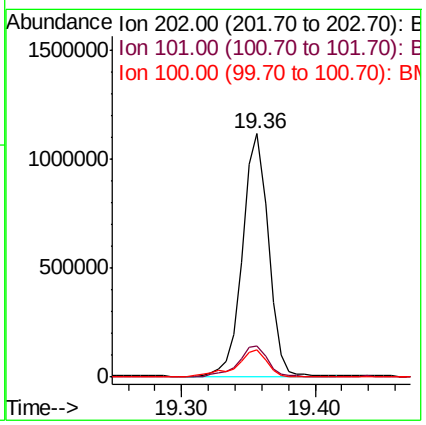


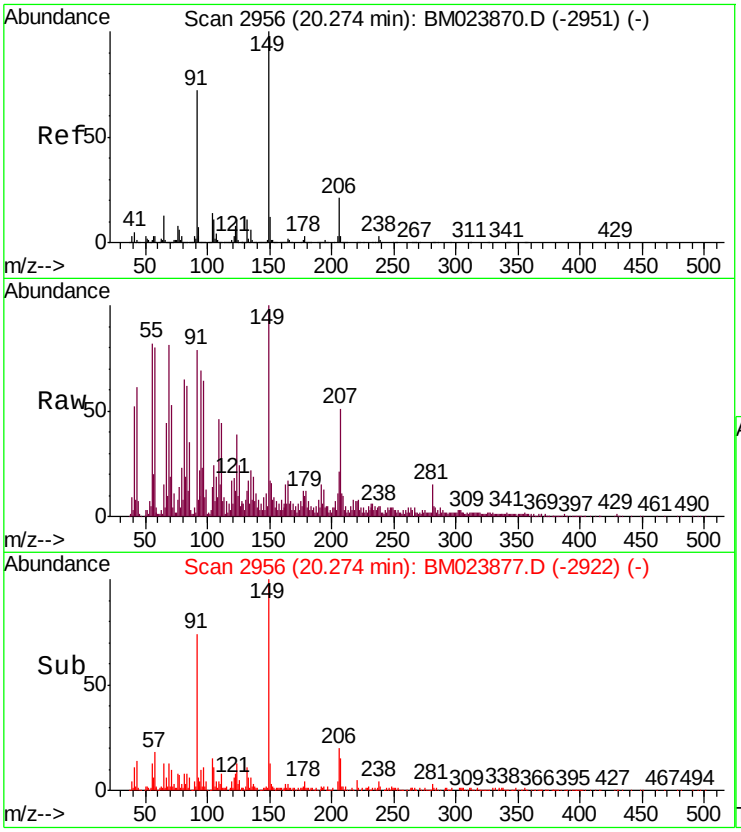


#80
Pyrene
Concen: 12.075 ng/ul
RT: 19.36 min Scan# 2800
Delta R.T. 0.00 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Tgt Ion:202 Resp: 1485756

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.6
100	11.0	8.1	12.1



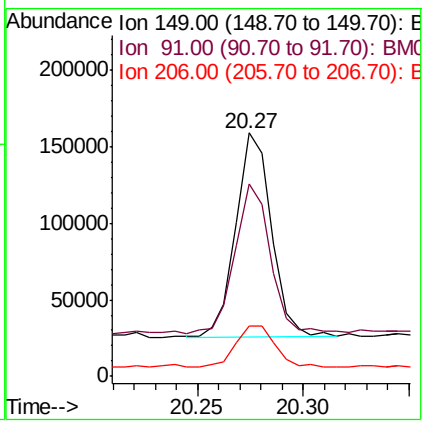


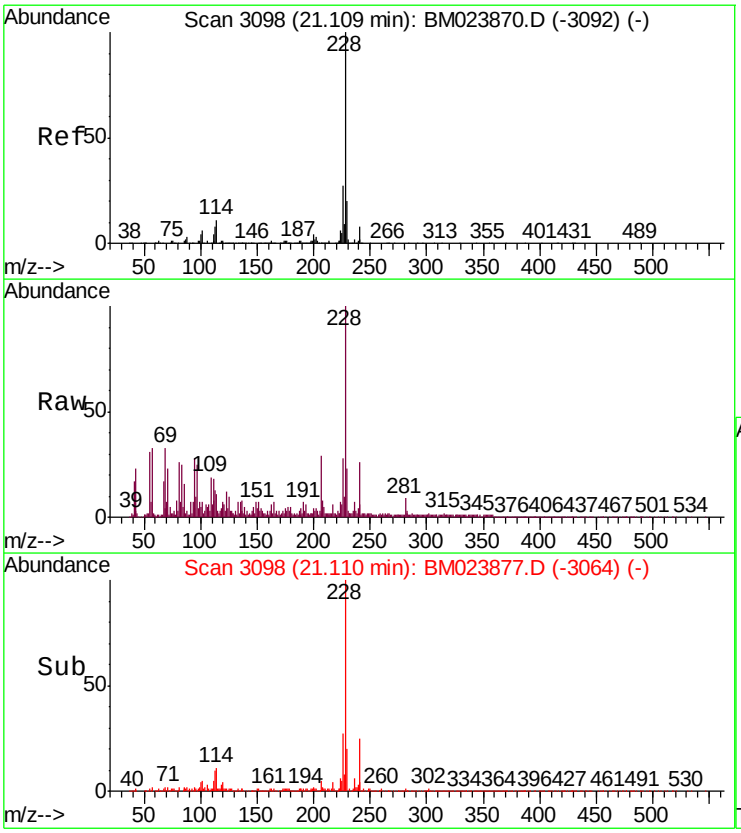
#81
Butylbenzylphthalate
Concen: 4.022 ng/ul
RT: 20.27 min Scan# 2956
Delta R.T. 0.00 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:149 Resp: 156745

Ion	Ratio	Lower	Upper
149	100		
91	79.0	54.9	82.3
206	20.8	19.3	28.9

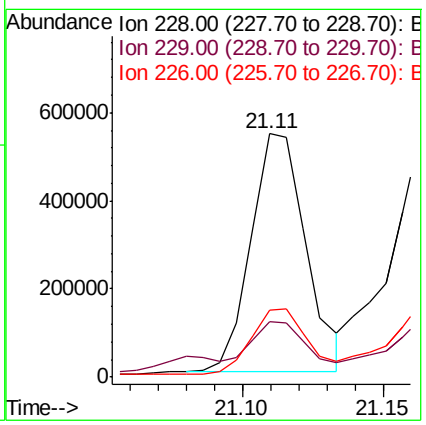


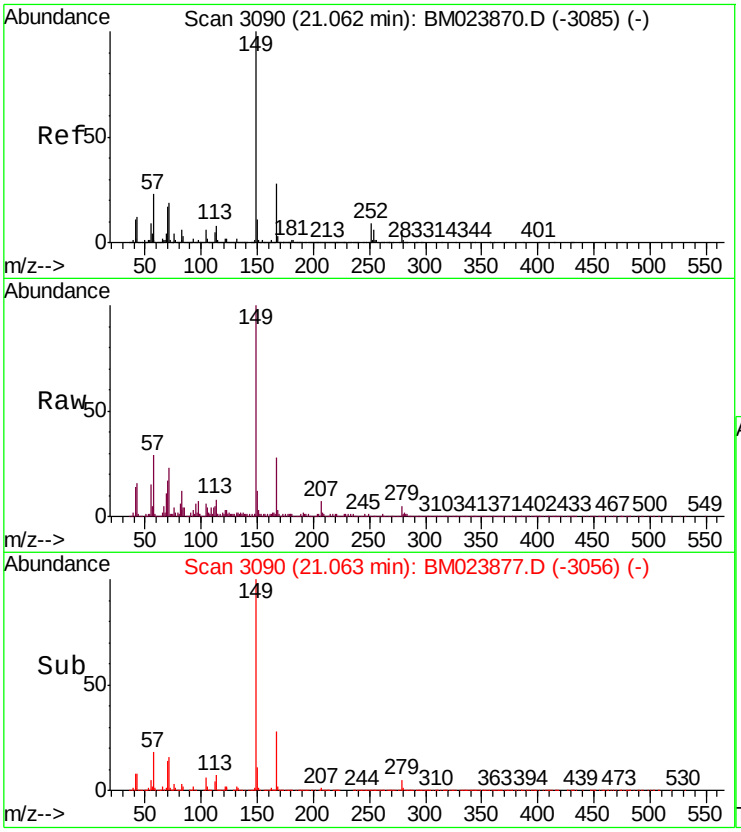


#83
Benzo(a)anthracene
Concen: 5.777 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Tgt Ion:228 Resp: 725419

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.6	23.4
226	27.5	21.4	32.2



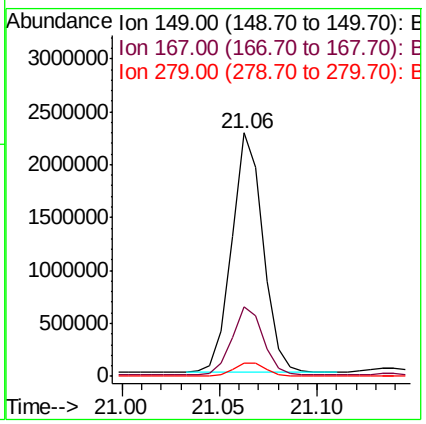


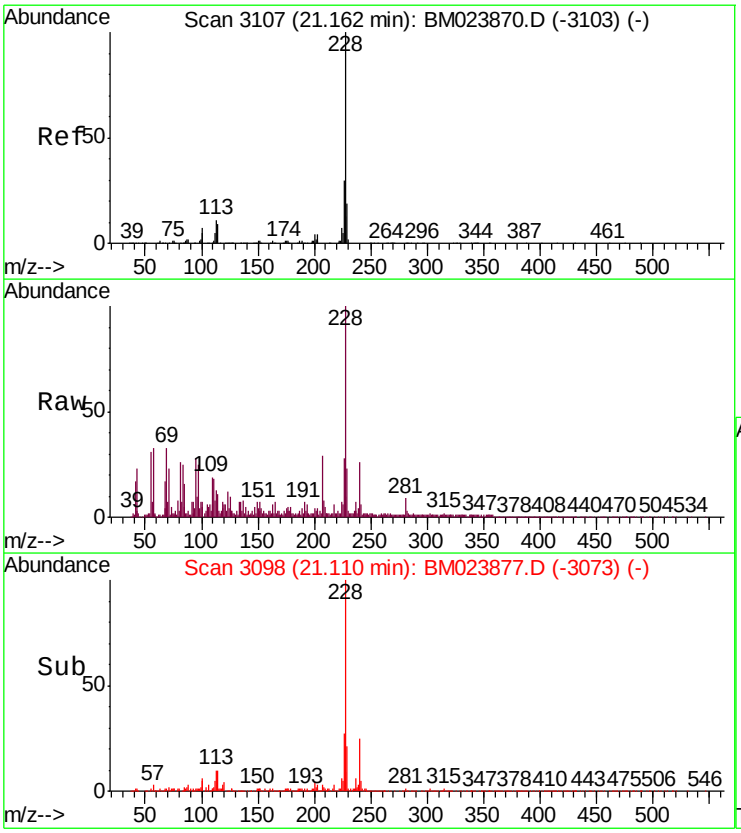
#84
Bis(2-ethylhexyl)phthalate
Concen: 42.526 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:149 Resp: 2502329

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.2
279	5.5	5.0	7.4

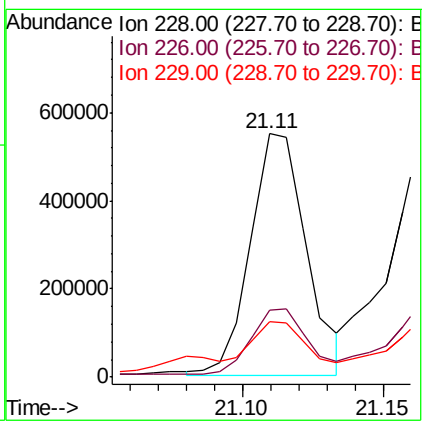


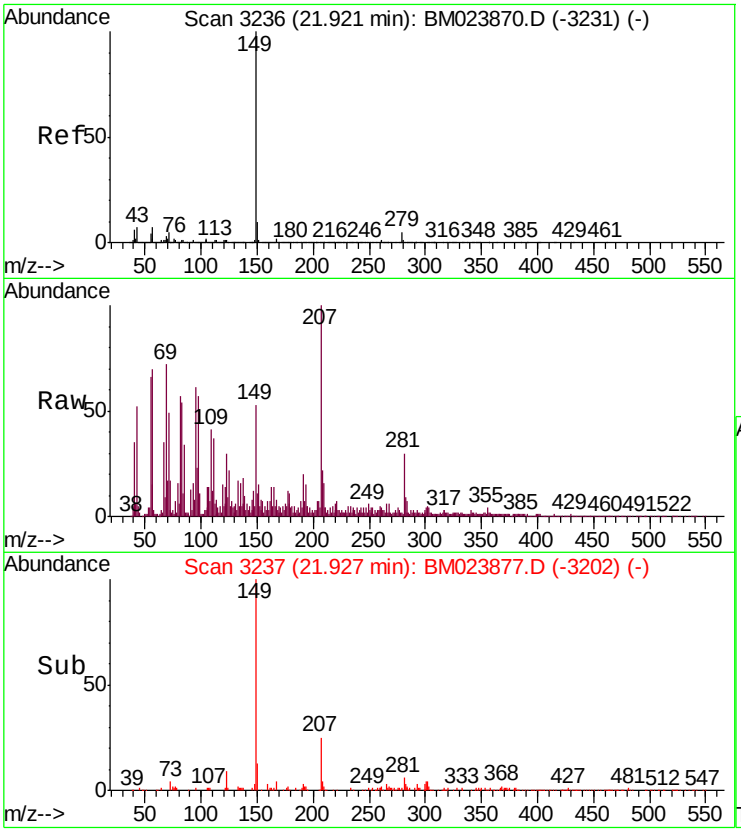


#85
Chrysene
Concen: 6.373 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.05 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Tgt Ion:228 Resp: 753336

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.8	35.8
229	22.5	15.8	23.6

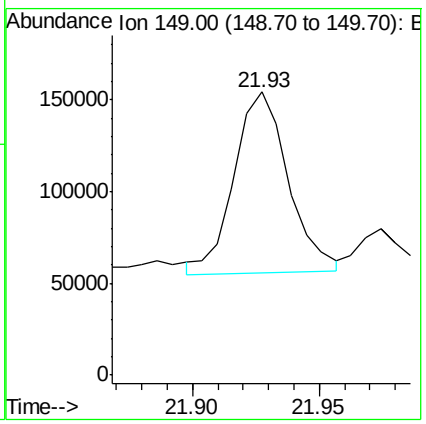


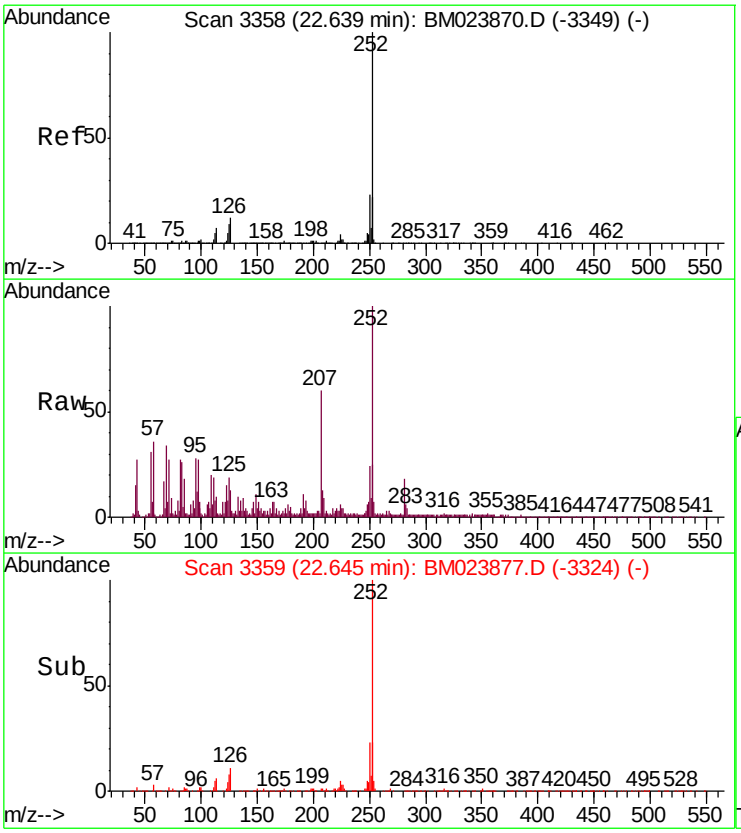


#87
Di-n-octyl phthalate
Concen: 1.264 ng/ul
RT: 21.93 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:149 Resp: 147575

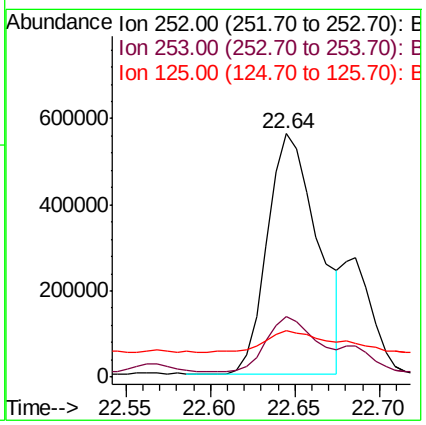


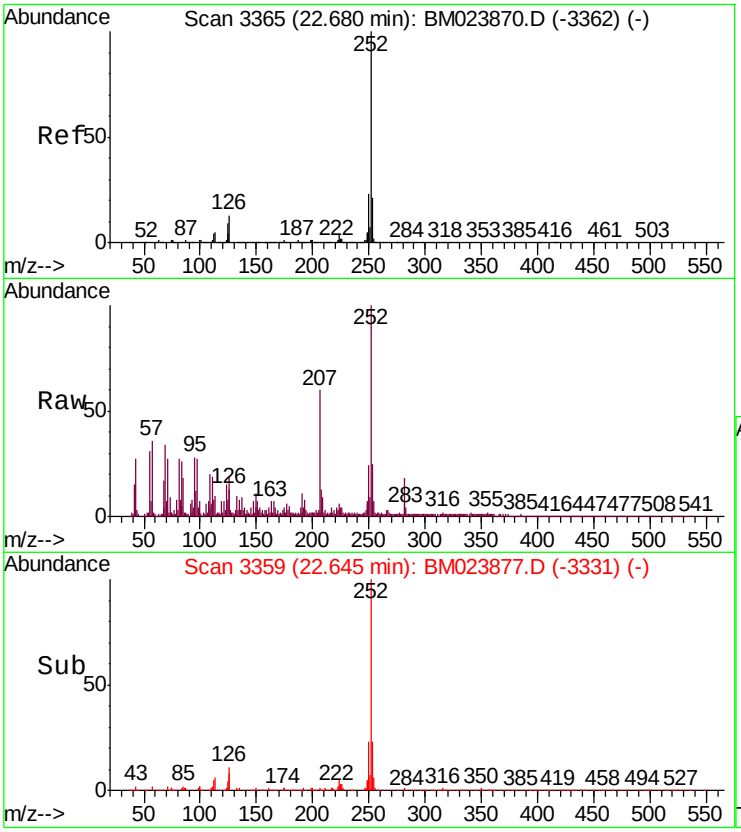


#88
Benzo(b)fluoranthene
Concen: 7.605 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Tgt Ion:252 Resp: 1157706

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	18.9	6.5	9.7#



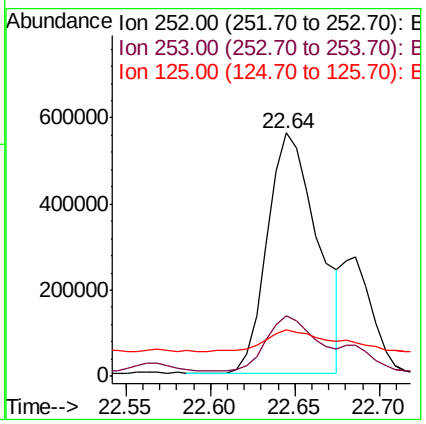


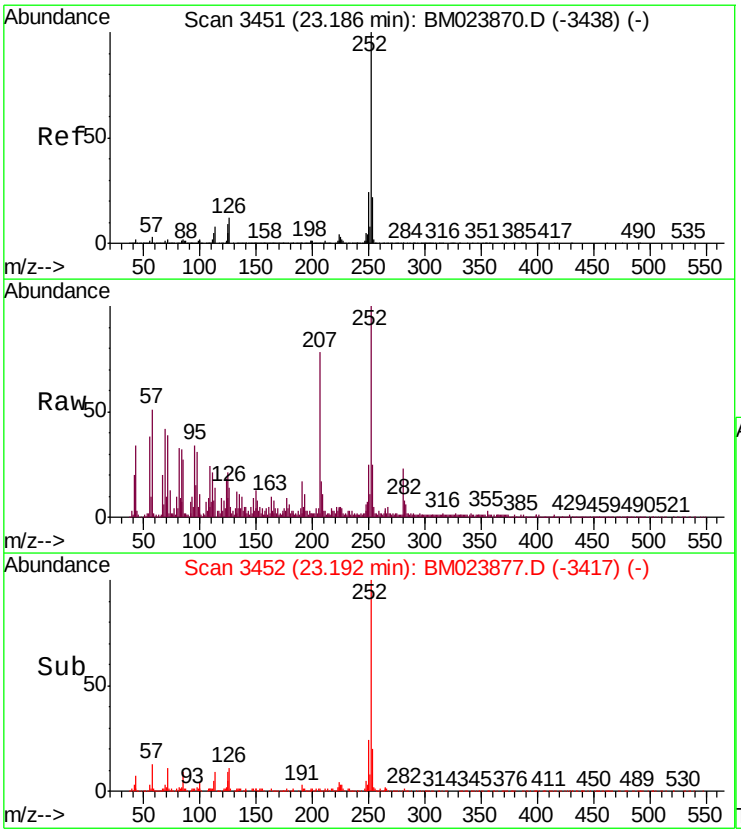
#89
Benzo(k)fluoranthene
Concen: 7.894 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. -0.04 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:252 Resp: 1157706

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	18.9	5.9	8.9#

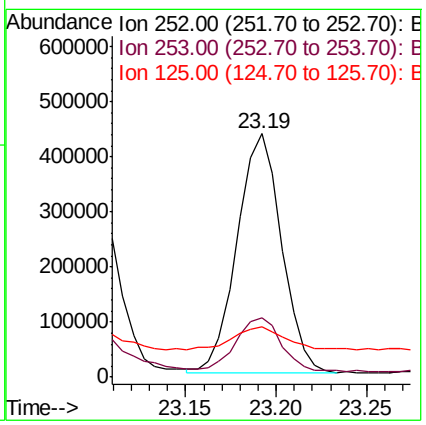


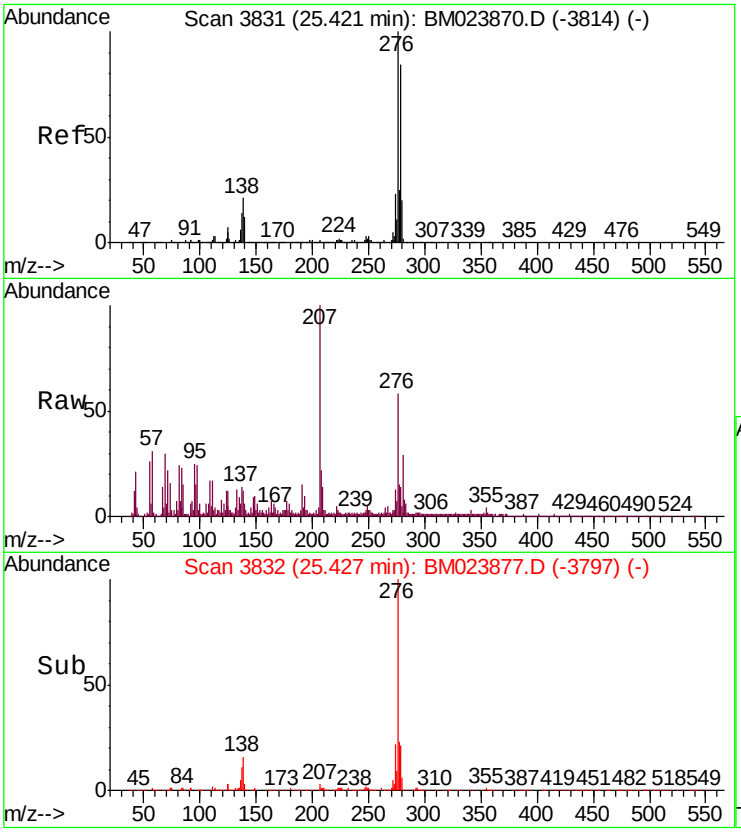


#91
Benzo(a)pyrene
Concen: 5.349 ng/ul
RT: 23.19 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Tgt Ion:252 Resp: 745470

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.3	25.9
125	20.9	6.9	10.3#



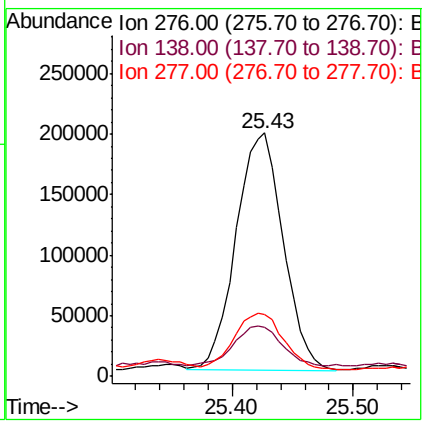


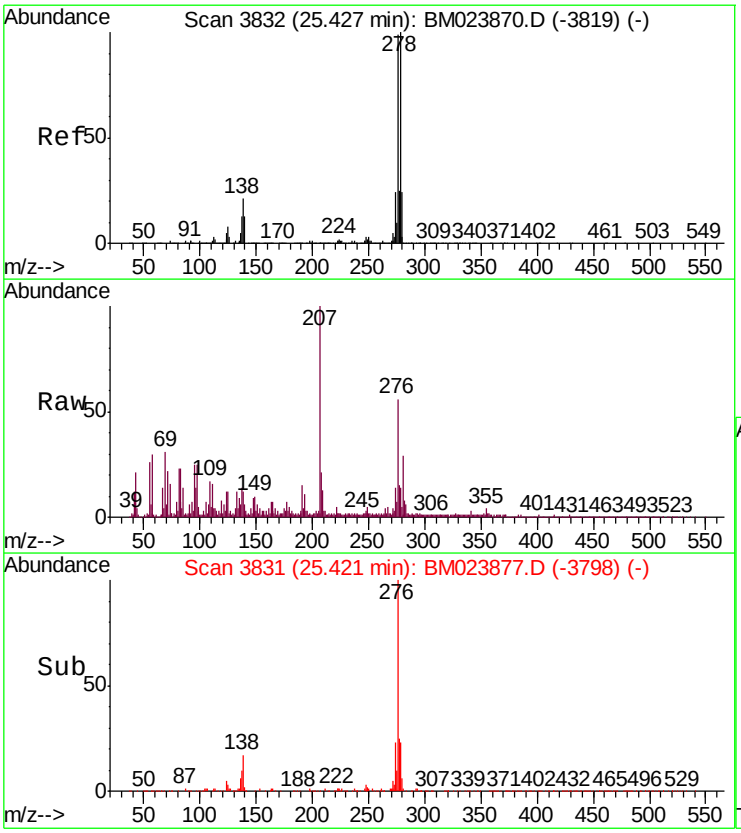
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.575 ng/ul
RT: 25.43 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:276 Resp: 532760

Ion	Ratio	Lower	Upper
276	100		
138	20.2	15.0	22.4
277	25.5	20.0	30.0

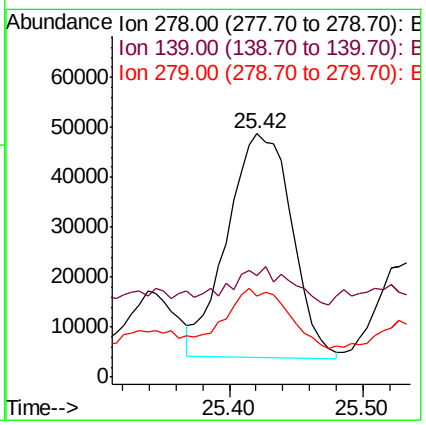


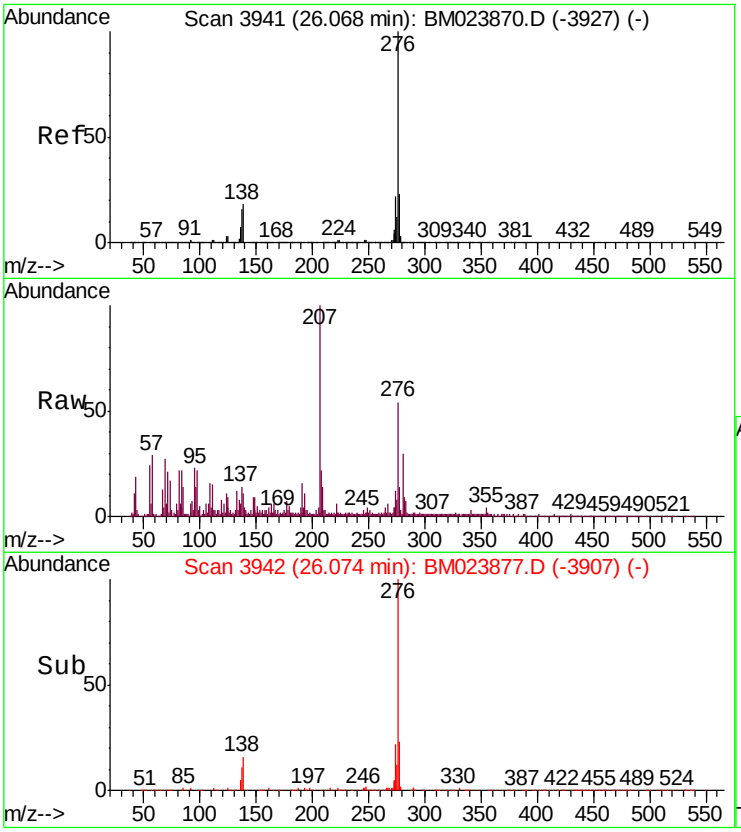


#93
Dibenzo(a,h)anthracene
Concen: 1.200 ng/ul
RT: 25.42 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Tgt Ion:278 Resp: 150880

Ion	Ratio	Lower	Upper
278	100		
139	41.7	10.0	15.0#
279	33.5	19.0	28.6#





#94
Benzo(g,h,i)perylene
Concen: 4.430 ng/ul
RT: 26.07 min Scan# 3942
Delta R.T. 0.01 min
Lab File: BM023877.D
Acq: 23 Nov 2019 03:21

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tgt Ion:276 Resp: 534921

Ion	Ratio	Lower	Upper
276	100		
138	20.5	13.2	19.8#
277	25.0	18.6	28.0