Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 10 04:04:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	176988	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	722964	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	398835	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	750411	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	704512	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	841149	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	17321	4.23	ng/uL	0.00
5) Phenol-d5	6.93	99	343171	21.95	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.10	67	203453	23.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	298256	23.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	261678	20.44	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	142447	25.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	152225	24.99	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	284043	23.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	227867	15.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	805385	26.02	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	963186	26.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	91087	14.89	ng/ul	-0.01
58) Fluorene-d10	15.40	176	686374	26.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	75188	15.40	ng/ul	0.00
71) Anthracene-d10	17.24	188	983553	26.84	ng/ul	0.00
79) Pyrene-d10	19.54	212	1068893	28.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1204668	27.68	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.96	94	48627	2.966	ng/ul	100
45) Dimethylphthalate	13.86	163	272467	8.569	ng/ul	99
48) Acenaphthylene	14.13	152	58015	1.504	ng/ul	99
50) Acenaphthene	14.47	153	35047	1.304	ng/ul	95
59) Fluorene	15.45	166	41356	1.333	ng/ul	98
70) Phenanthrene	17.19	178	758401	16.934	ng/ul	100
72) Anthracene	17.27	178	184294	4.039	ng/ul	100
75) Carbazole	17.54	167	70024	1.727	ng/ul	99
77) Fluoranthene	19.20	202	1578939	31.347	ng/ul	99
80) Pyrene	19.57	202	1704706	34.134	ng/ul	99
83) Benzo(a)anthracene	21.31	228	1002734	19.824	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.24	149	699636	23.974	ng/ul	99
85) Chrysene	21.36	228	1032194	22.134	ng/ul	98
88) Benzo(b)fluoranthene	22.90	252	1317057	23.594	ng/ul#	96
89) Benzo(k)fluoranthene	22.90	252	1317057	24.662	ng/ul#	96
91) Benzo(a)pyrene	23.48	252	1014460	19.371	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.85	276	650386	11.692	ng/ul	96
93) Dibenzo(a,h)anthracene	25.86	278	182509	3.922	ng/ul	92
94) Benzo(g,h,i)perylene	26.54	276	616312	13.733	ng/ul	98

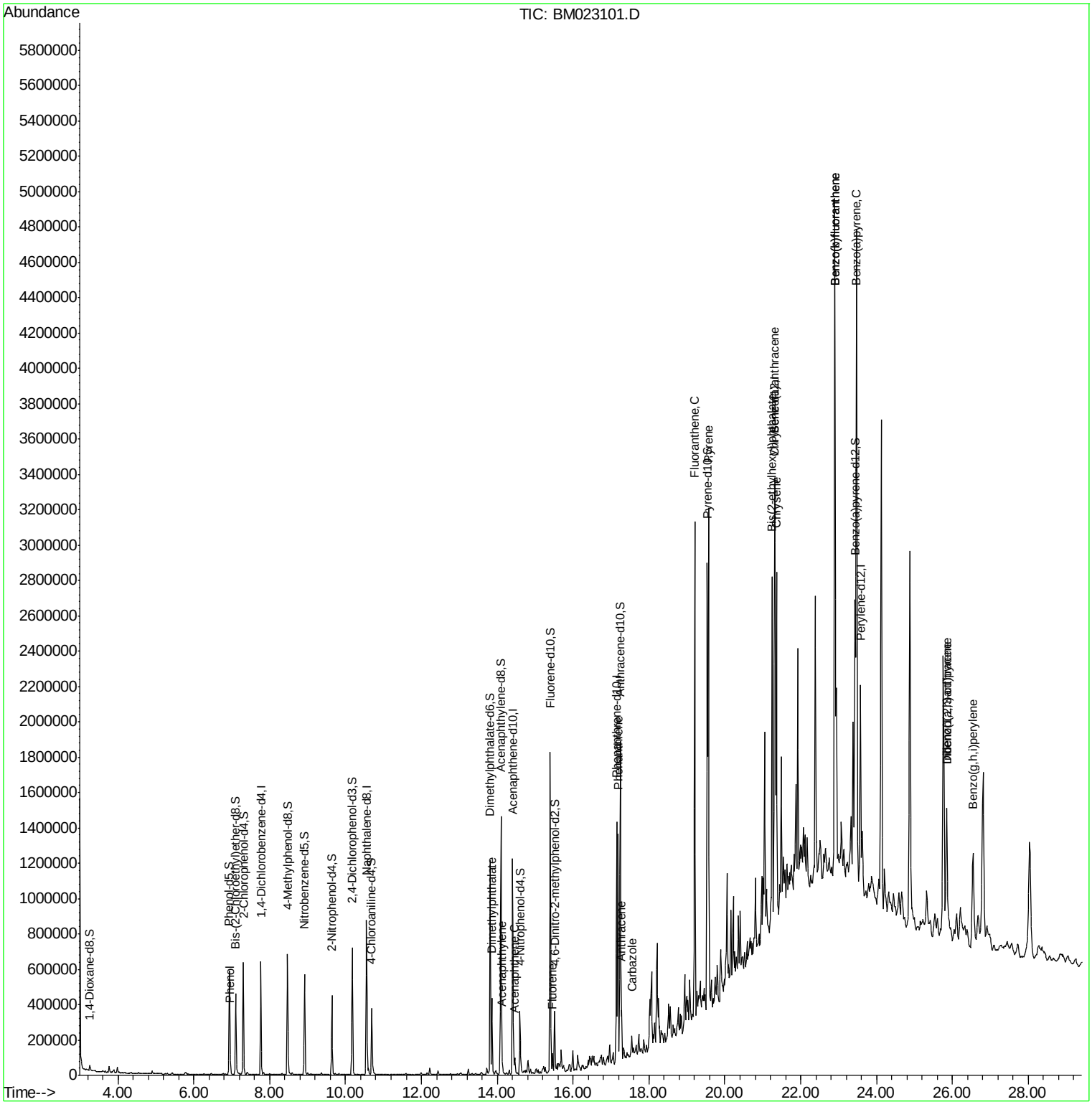
(#) = qualifier out of range (m) = manual integration (+) = signals summed

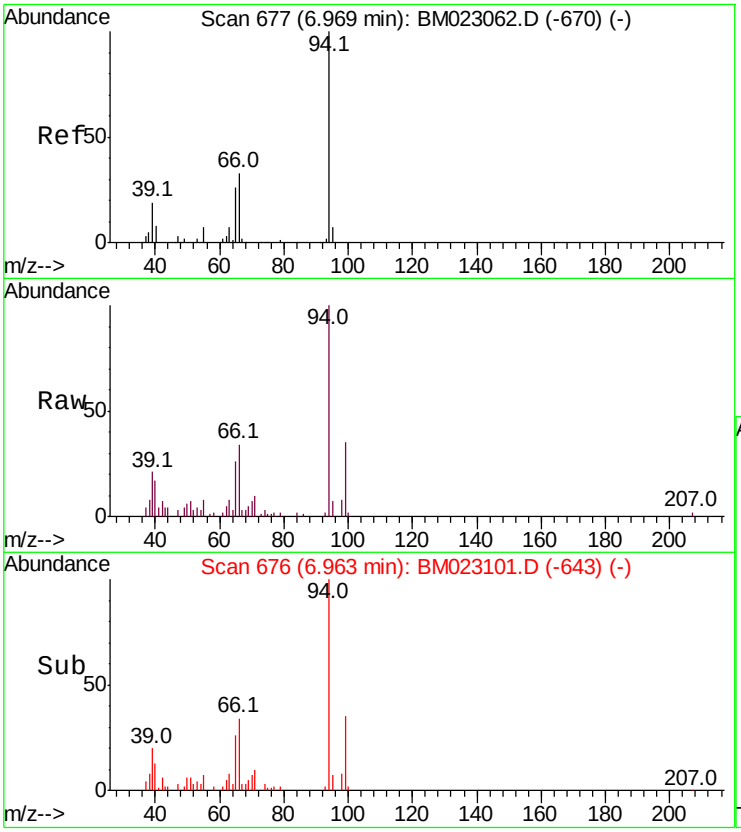
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023101.D
Acq On : 10 Oct 2019 02:55
Operator : JU
Sample : K5177-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 10 04:04:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration



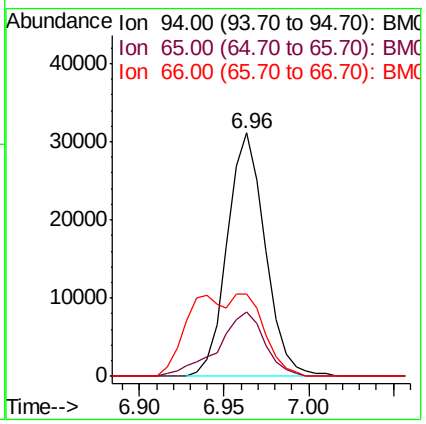


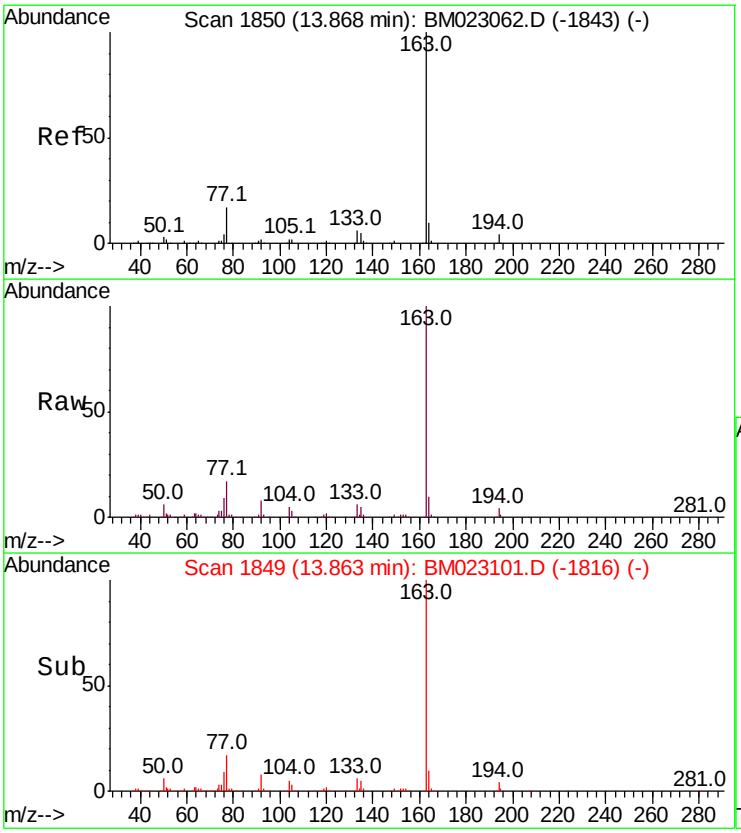
#6
Phenol
Concen: 2.966 ng/ul
RT: 6.96 min Scan# 676
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 48627

Ion	Ratio	Lower	Upper
94	100		
65	26.3	20.9	31.3
66	33.8	27.2	40.8

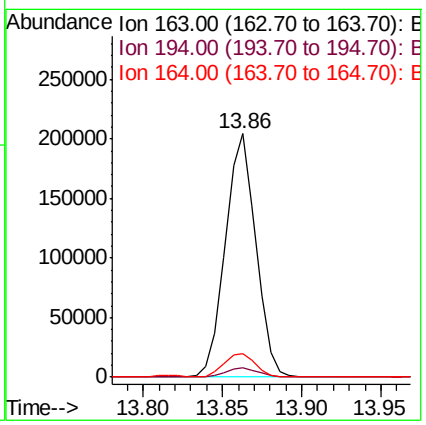


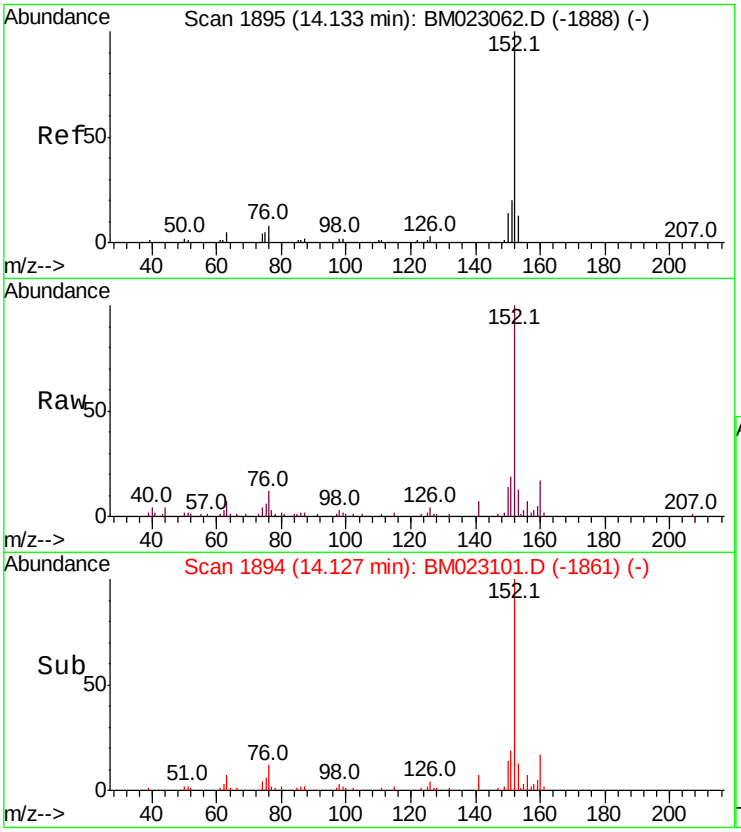


#45
Dimethylphthalate
Concen: 8.569 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Tgt Ion:163 Resp: 272467

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.9	8.1	12.1



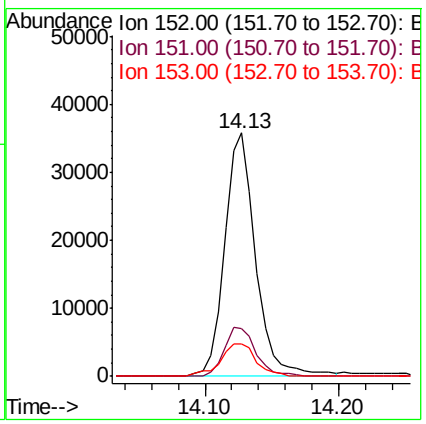


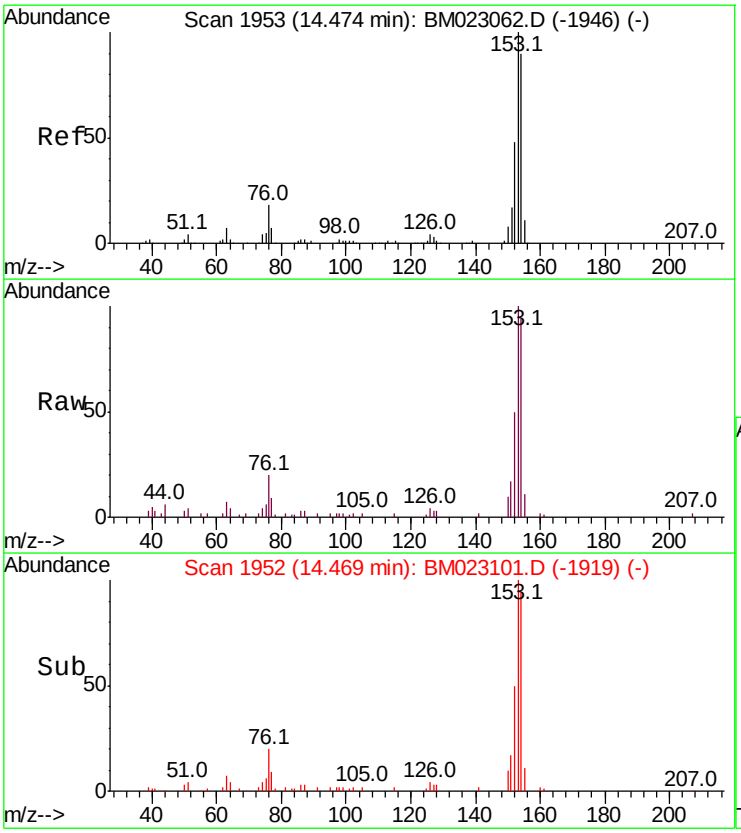
#48
Acenaphthylene
Concen: 1.504 ng/ul
RT: 14.13 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 58015

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	13.2	10.6	16.0

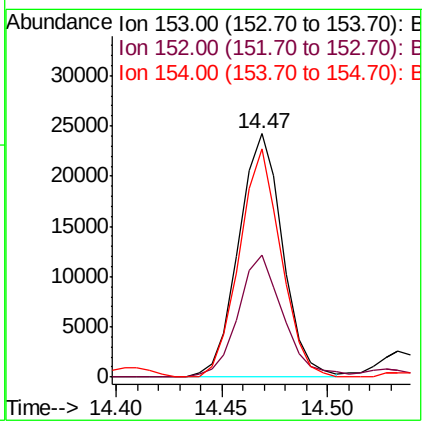


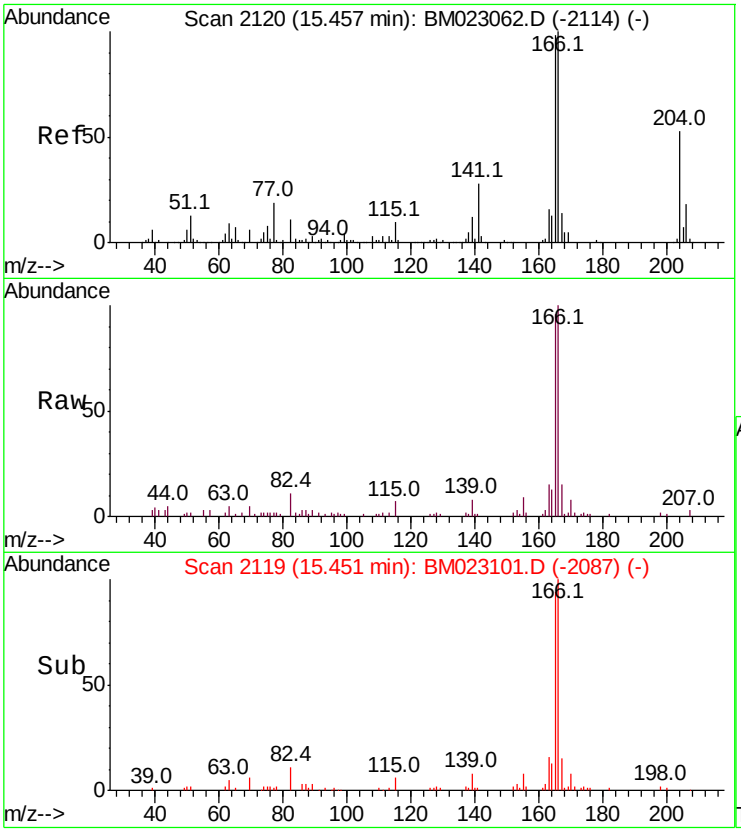


#50
Acenaphthene
Concen: 1.304 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Tgt Ion:153 Resp: 35047

Ion	Ratio	Lower	Upper
153	100		
152	50.4	38.1	57.1
154	93.6	71.1	106.7



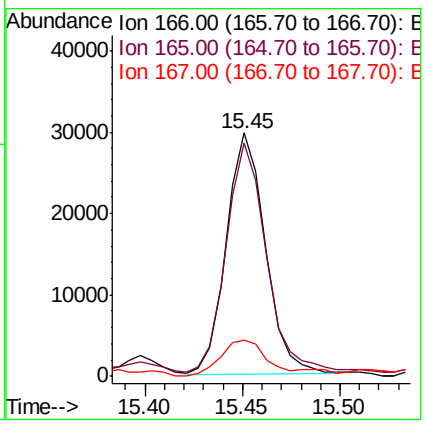


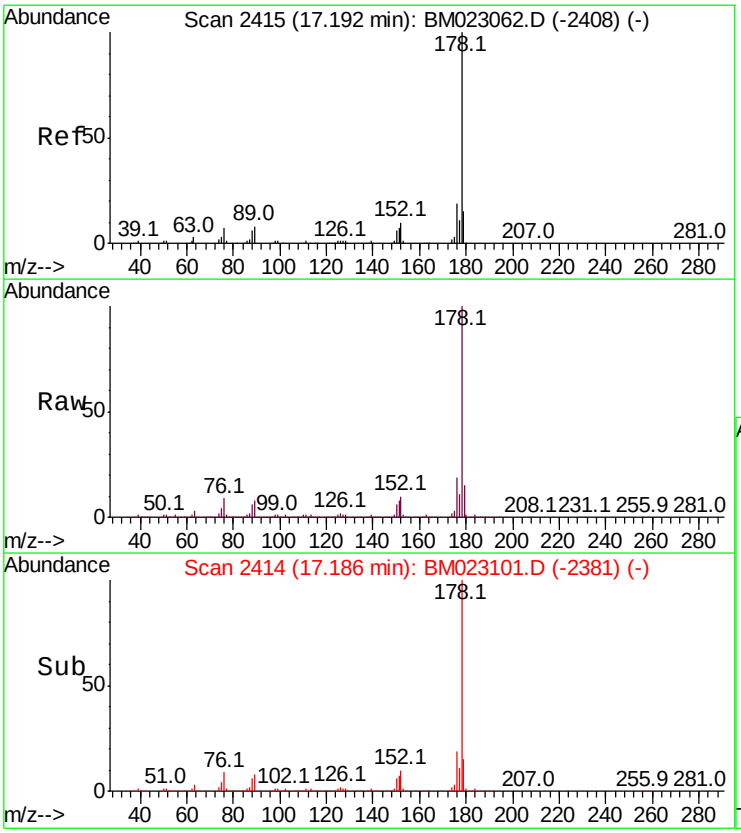
#59
Fluorene
Concen: 1.333 ng/ul
RT: 15.45 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 41356

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.7	116.5
167	14.9	11.0	16.4

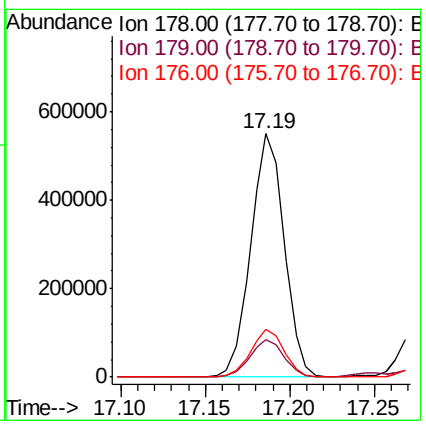


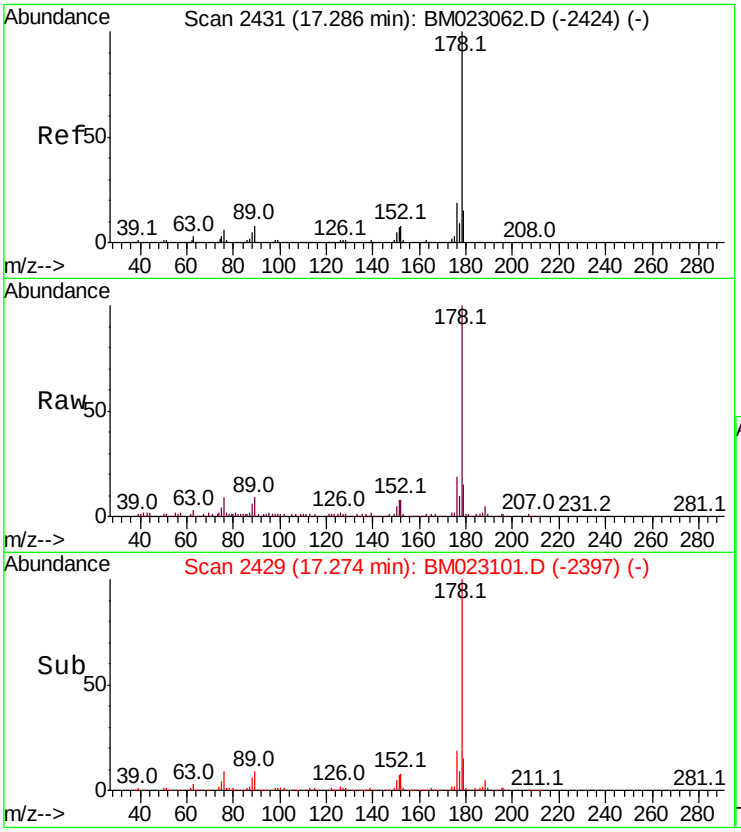


#70
Phenanthrene
Concen: 16.934 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Tgt Ion:178 Resp: 758401

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.4	15.3	22.9



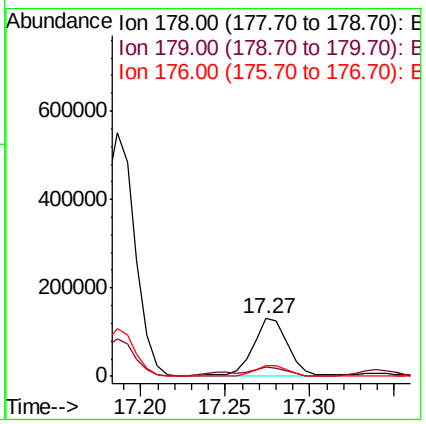


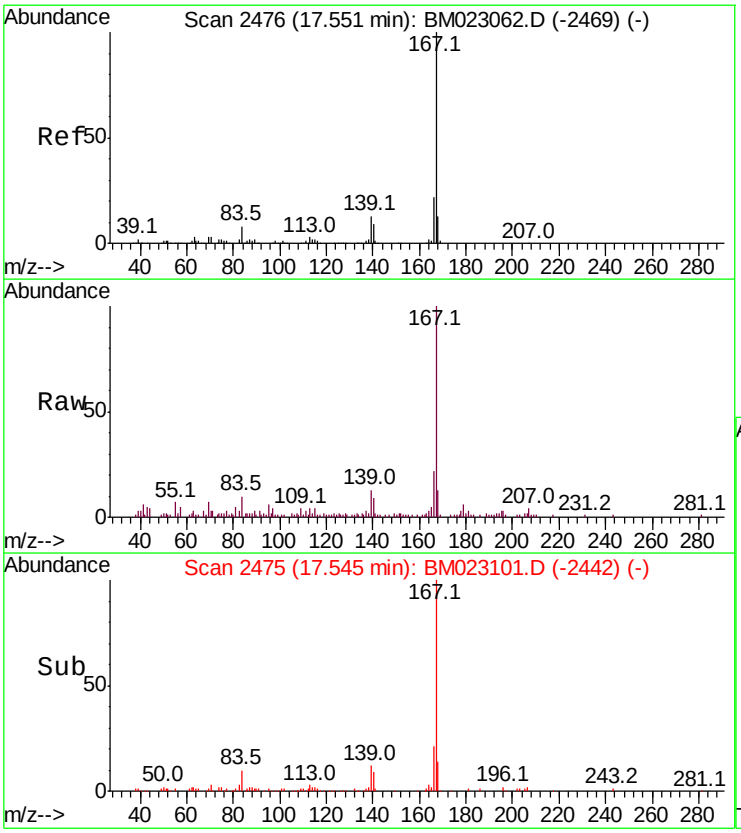
#72
Anthracene
Concen: 4.039 ng/ul
RT: 17.27 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 184294

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.6	15.0	22.6

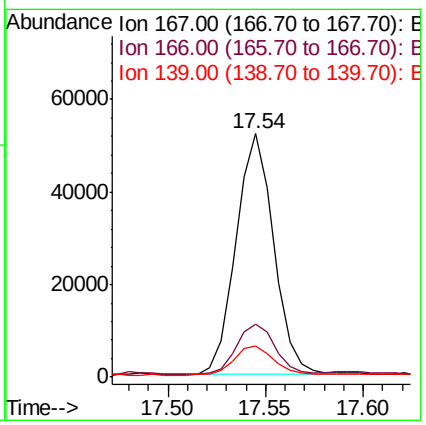


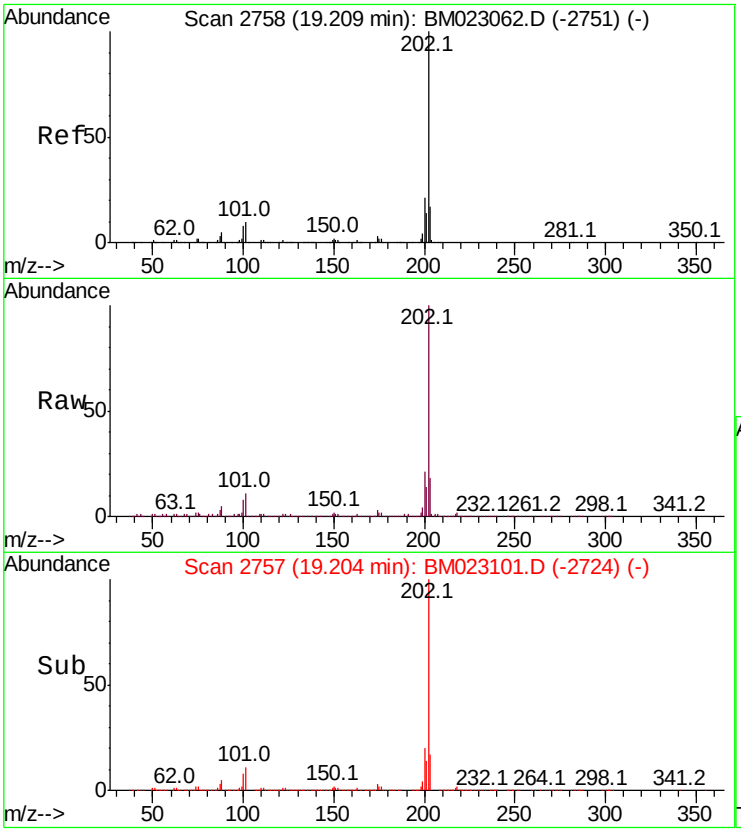


#75
Carbazole
Concen: 1.727 ng/ul
RT: 17.54 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Tgt Ion:167 Resp: 70024

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	13.0	9.9	14.9



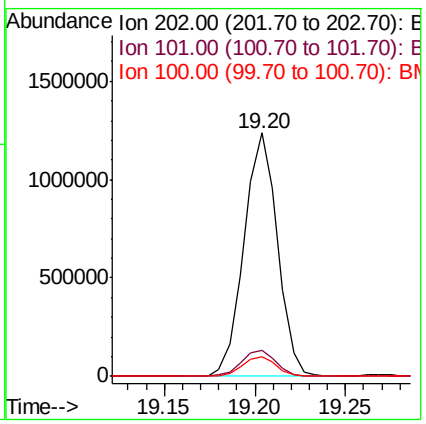


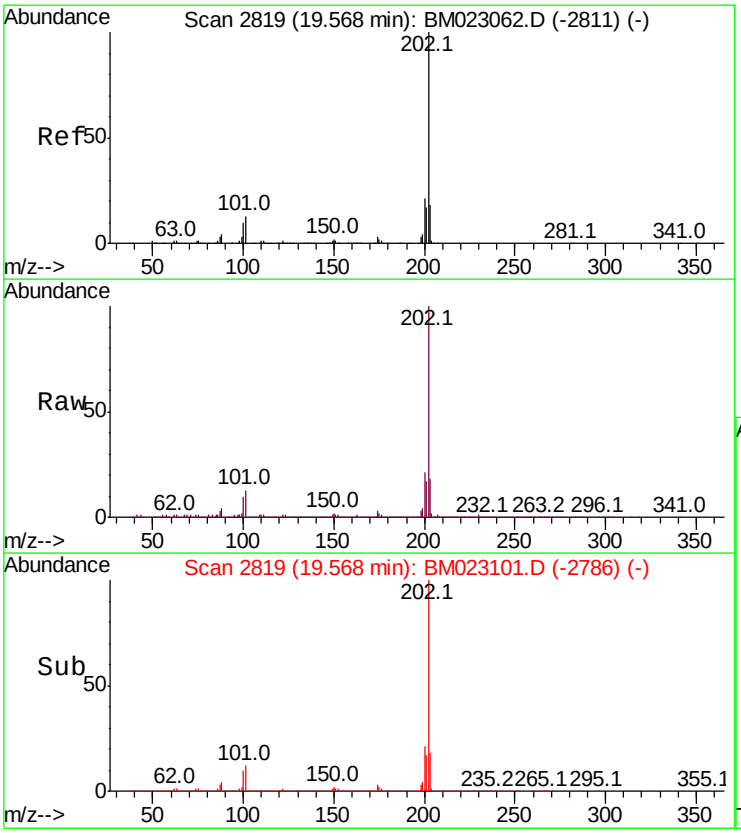
#77
Fluoranthene
Concen: 31.347 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1578939

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	12.8
100	8.1	6.4	9.6

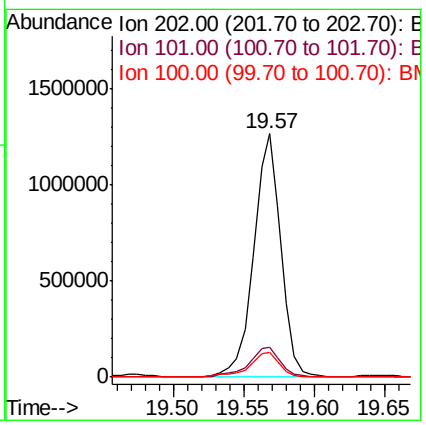


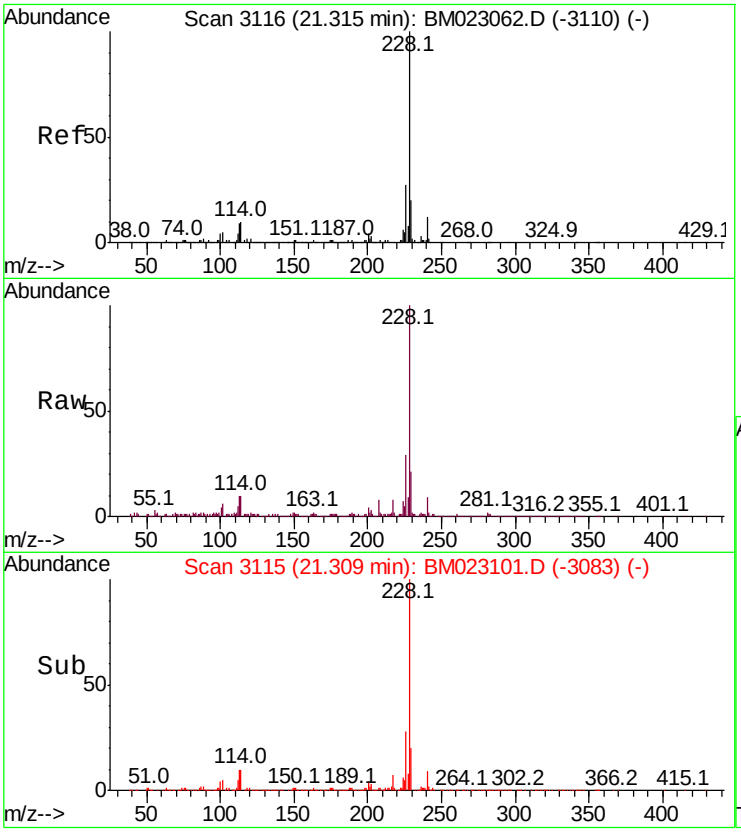


#80
Pyrene
Concen: 34.134 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Tgt Ion:202 Resp: 1704706

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.7	14.5
100	10.0	7.8	11.8



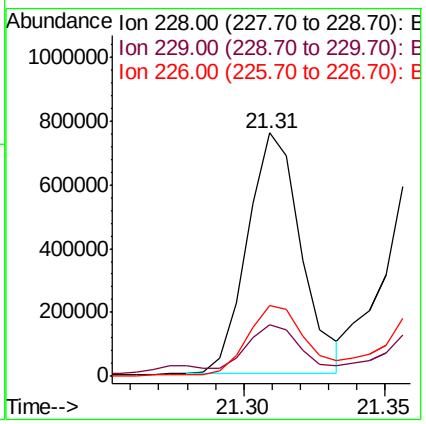


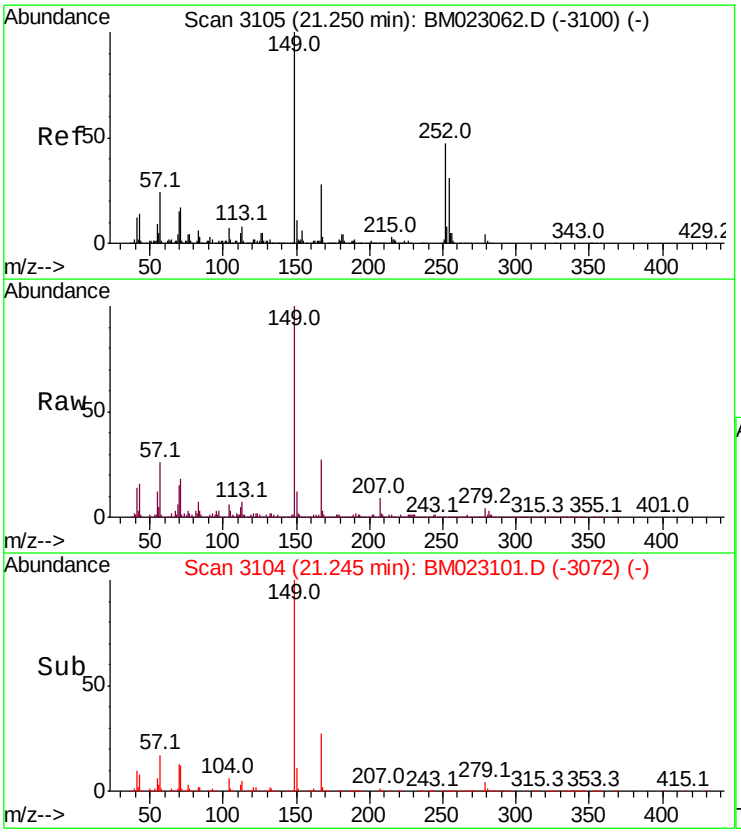
#83
Benzo(a)anthracene
Concen: 19.824 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1002734

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.8
226	28.9	22.4	33.6

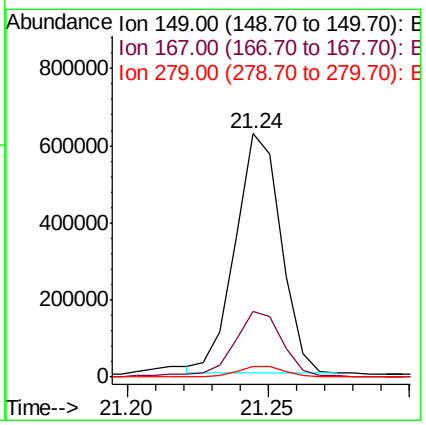


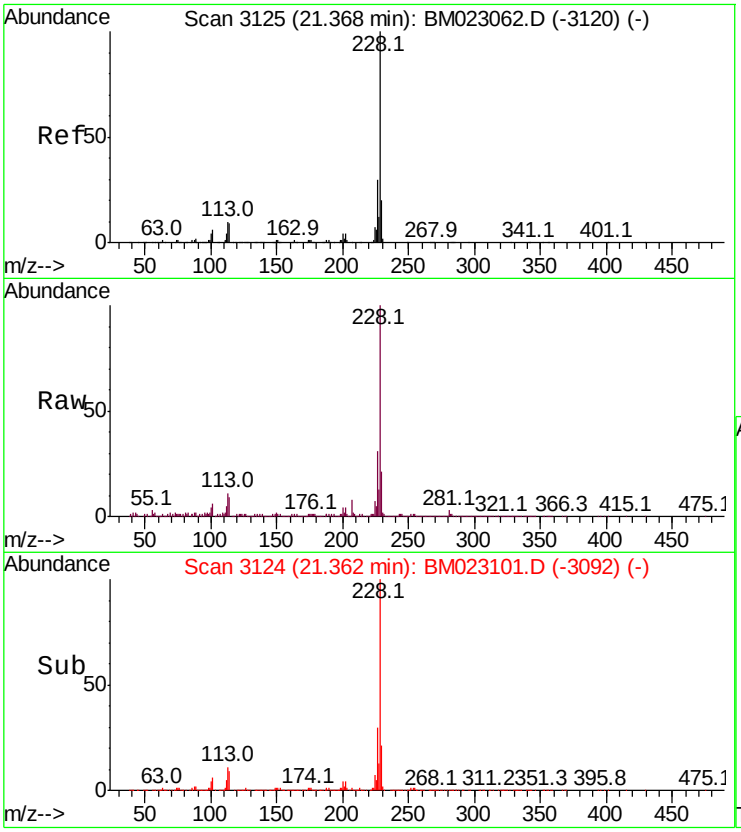


#84
Bis(2-ethylhexyl)phthalate
Concen: 23.974 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Tgt Ion:149 Resp: 699636

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.1	33.1
279	4.2	3.3	4.9



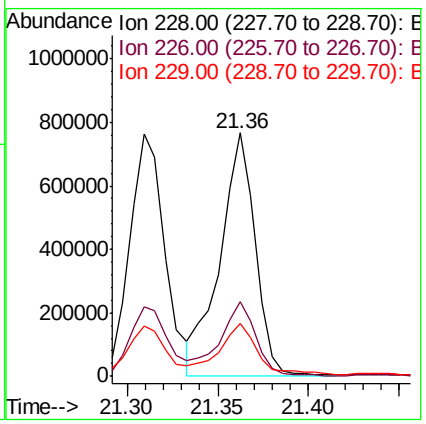


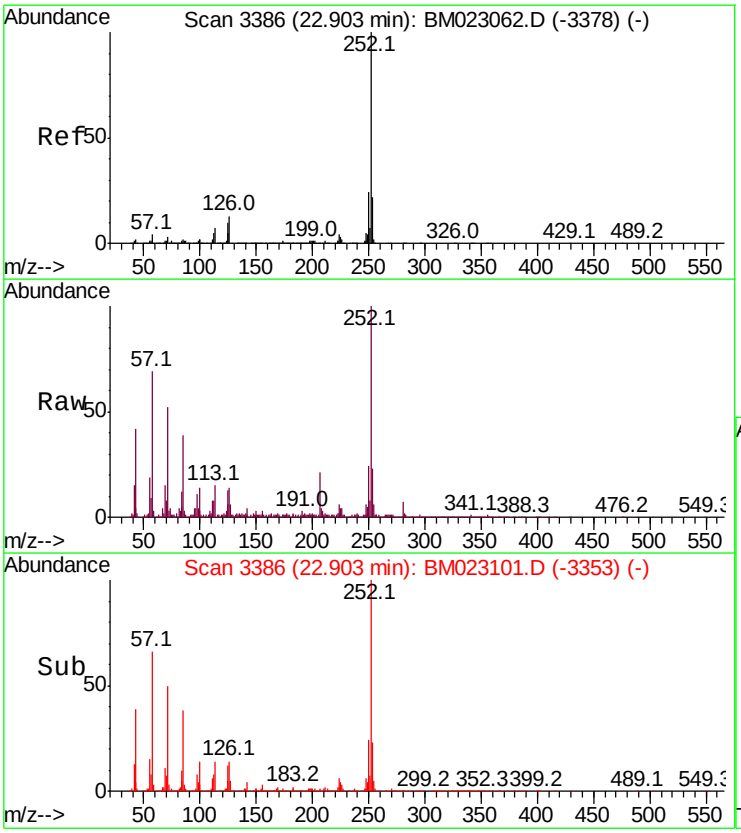
#85
Chrysene
Concen: 22.134 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1032194

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	21.5	15.9	23.9

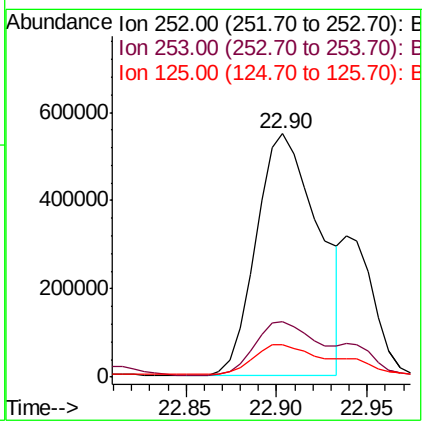


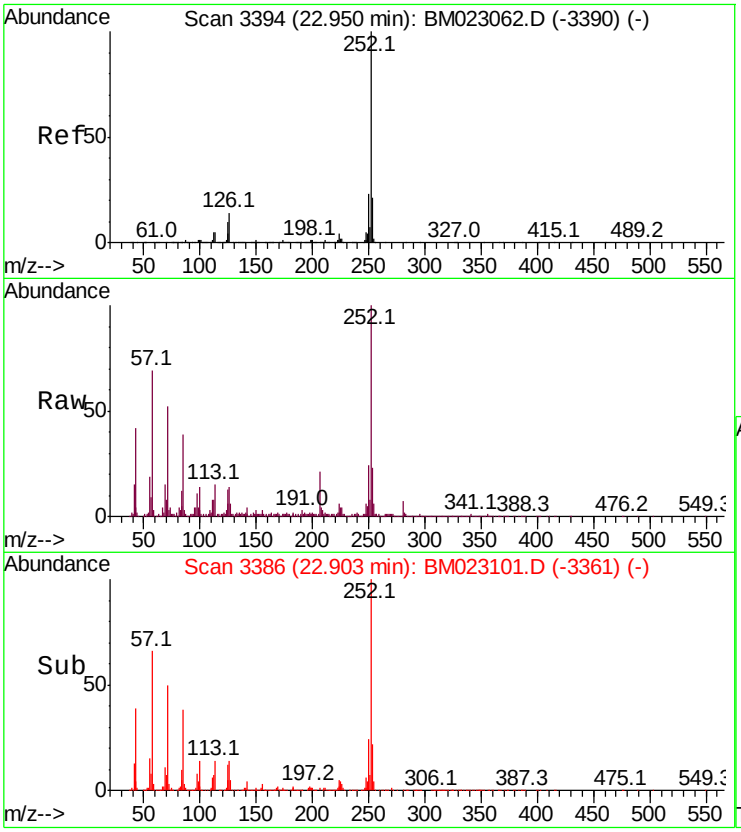


#88
Benzo(b)fluoranthene
Concen: 23.594 ng/ul
RT: 22.90 min Scan# 3386
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Tgt Ion:252 Resp: 1317057

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	13.3	8.2	12.2#



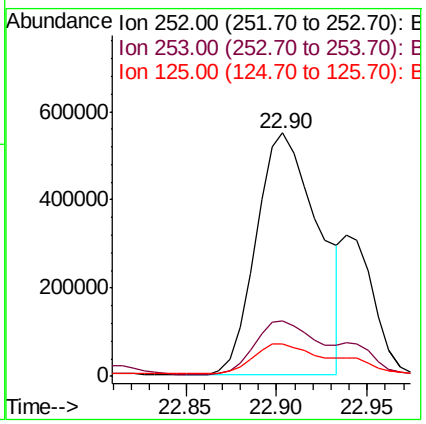


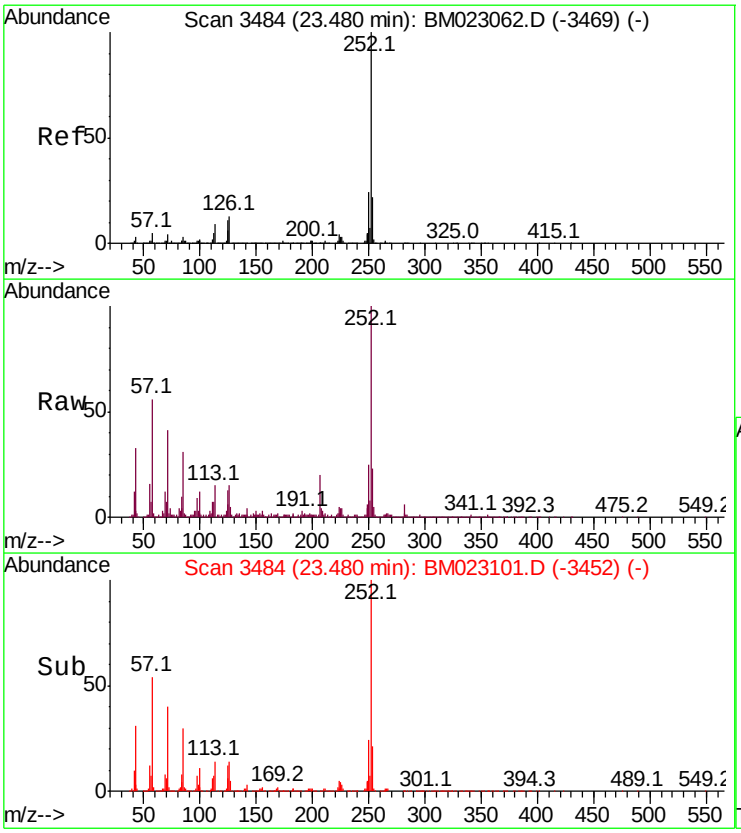
#89
Benzo(k)fluoranthene
Concen: 24.662 ng/ul
RT: 22.90 min Scan# 3386
Delta R.T. -0.05 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1317057

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	13.3	7.9	11.9#

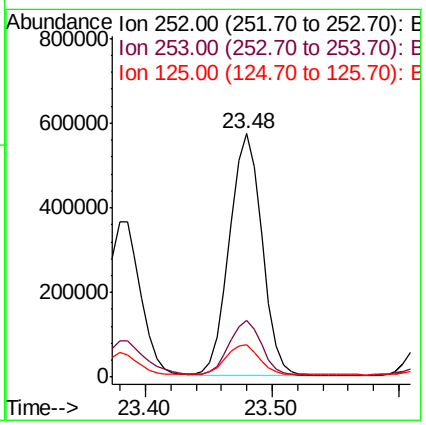


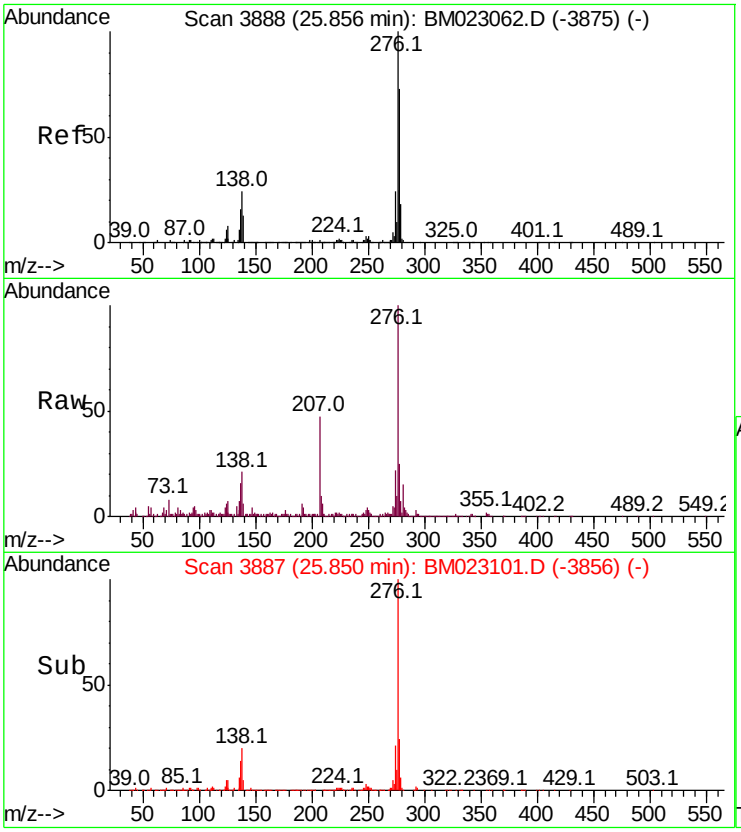


#91
Benzo(a)pyrene
Concen: 19.371 ng/ul
RT: 23.48 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Tgt Ion:252 Resp: 1014460

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	13.1	8.7	13.1#



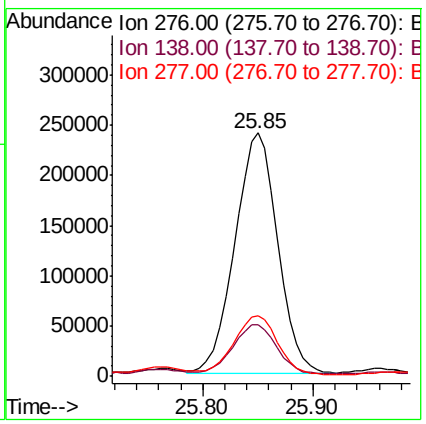


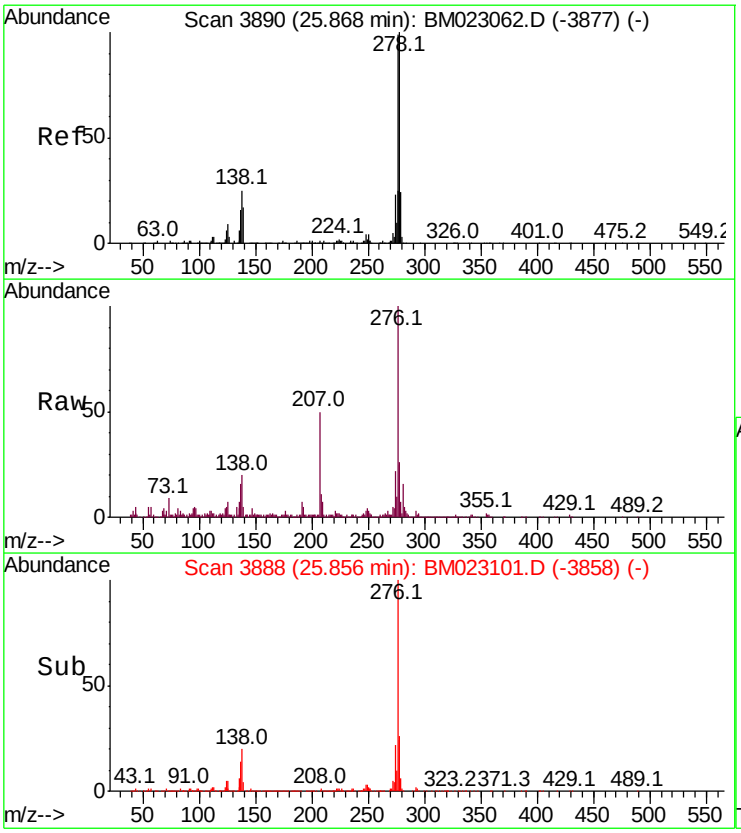
#92
Indeno(1,2,3-cd)pyrene
Concen: 11.692 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. -0.02 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 650386

Ion	Ratio	Lower	Upper
276	100		
138	21.0	19.8	29.8
277	24.7	20.3	30.5

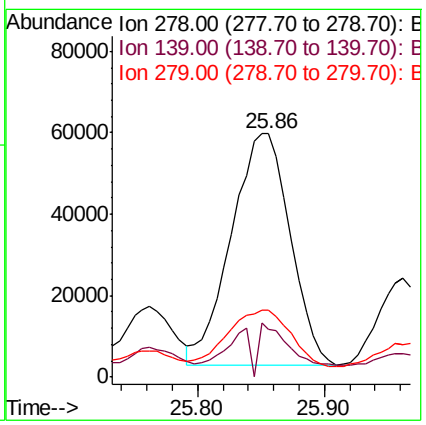


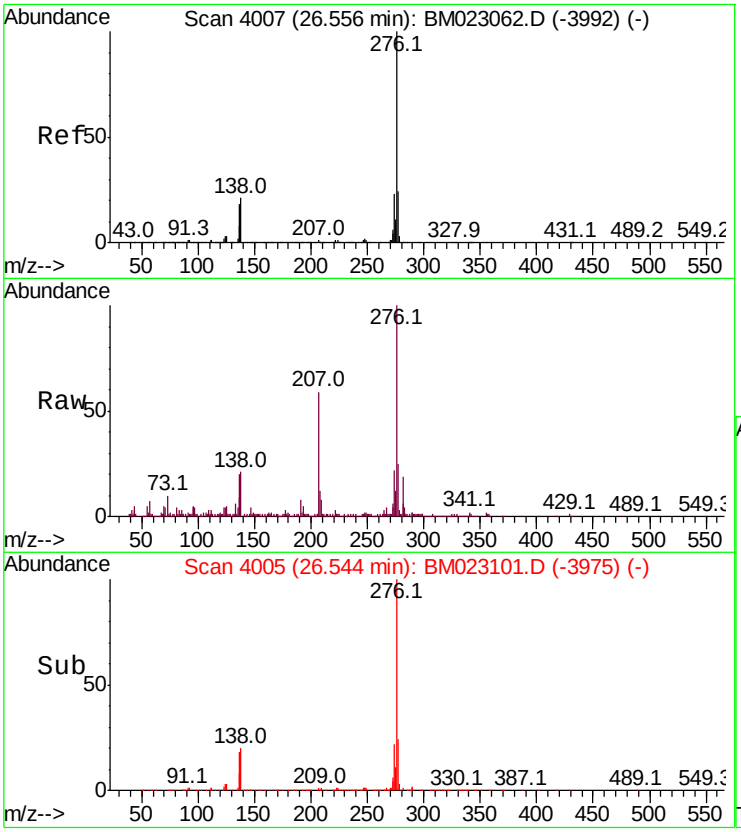


#93
Dibenzo(a,h)anthracene
Concen: 3.922 ng/ul
RT: 25.86 min Scan# 3888
Delta R.T. -0.02 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Tgt Ion:278 Resp: 182509

Ion	Ratio	Lower	Upper
278	100		
139	19.7	13.2	19.8
279	27.6	19.0	28.6





#94
Benzo(g,h,i)perylene
Concen: 13.733 ng/ul
RT: 26.54 min Scan# 4005
Delta R.T. -0.02 min
Lab File: BM023101.D
Acq: 10 Oct 2019 02:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 616312

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.6	26.4
277	24.6	19.1	28.7