Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112119\
Data File : BM023829.D
Acq On : 21 Nov 2019 15:07
Operator : JU
Sample : K5841-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA2

Quant Time: Nov 21 16:12:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	311941	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.28	136	1282621	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.17	164	786256	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1701095	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1683768	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	2023894	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	25754	3.40	ng/uL	0.00
5) Phenol-d5	6.70	99	526938	18.53	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	293093	17.94	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	415151	20.15	ng/ul	-0.01
13) 4-Methylphenol-d8	8.23	113	390732	17.23	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	191225	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	216477	22.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	429706	19.53	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.43	131	395513	16.37	ng/ul	-0.01
44) Dimethylphthalate-d6	13.59	166	1276804	20.82	ng/ul	-0.01
47) Acenaphthylene-d8	13.86	160	1516541	21.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	121492	11.61	ng/ul	0.00
58) Fluorene-d10	15.17	176	1166420	21.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	119111	12.10	ng/ul	-0.01
71) Anthracene-d10	17.02	188	1836174	22.75	ng/ul	0.00
79) Pyrene-d10	19.33	212	2061855	23.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	2469691	23.19	ng/ul	-0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.64	163	533909	8.886	ng/ul	99
48) Acenaphthylene	13.89	152	95006	1.349	ng/ul	98
50) Acenaphthene	14.23	153	96568	1.932	ng/ul	98
54) Dibenzofuran	14.57	168	95165	1.286	ng/ul	99
59) Fluorene	15.23	166	121327	2.021	ng/ul	97
70) Phenanthrene	16.96	178	2920023	31.164	ng/ul	100
72) Anthracene	17.05	178	413566	4.390	ng/ul	99
75) Carbazole	17.33	167	287401	3.659	ng/ul	98
77) Fluoranthene	18.99	202	4549768	45.322	ng/ul	96
80) Pyrene	19.36	202	3614788	33.213	ng/ul	99
83) Benzo(a)anthracene	21.11	228	1693037	15.244	ng/ul	98
85) Chrysene	21.16	228	1752898	16.765	ng/ul	97
88) Benzo(b)fluoranthene	22.64	252	2351129	18.223	ng/ul#	98
89) Benzo(k)fluoranthene	22.64	252	2351129	18.915	ng/ul#	96
91) Benzo(a)pyrene	23.19	252	1578223	13.362	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.41	276	1194298	9.456	ng/ul	99
93) Dibenzo(a,h)anthracene	25.42	278	301922	2.833	ng/ul#	85
94) Benzo(g,h,i)perylene	26.06	276	1176740	11.498	ng/ul	97

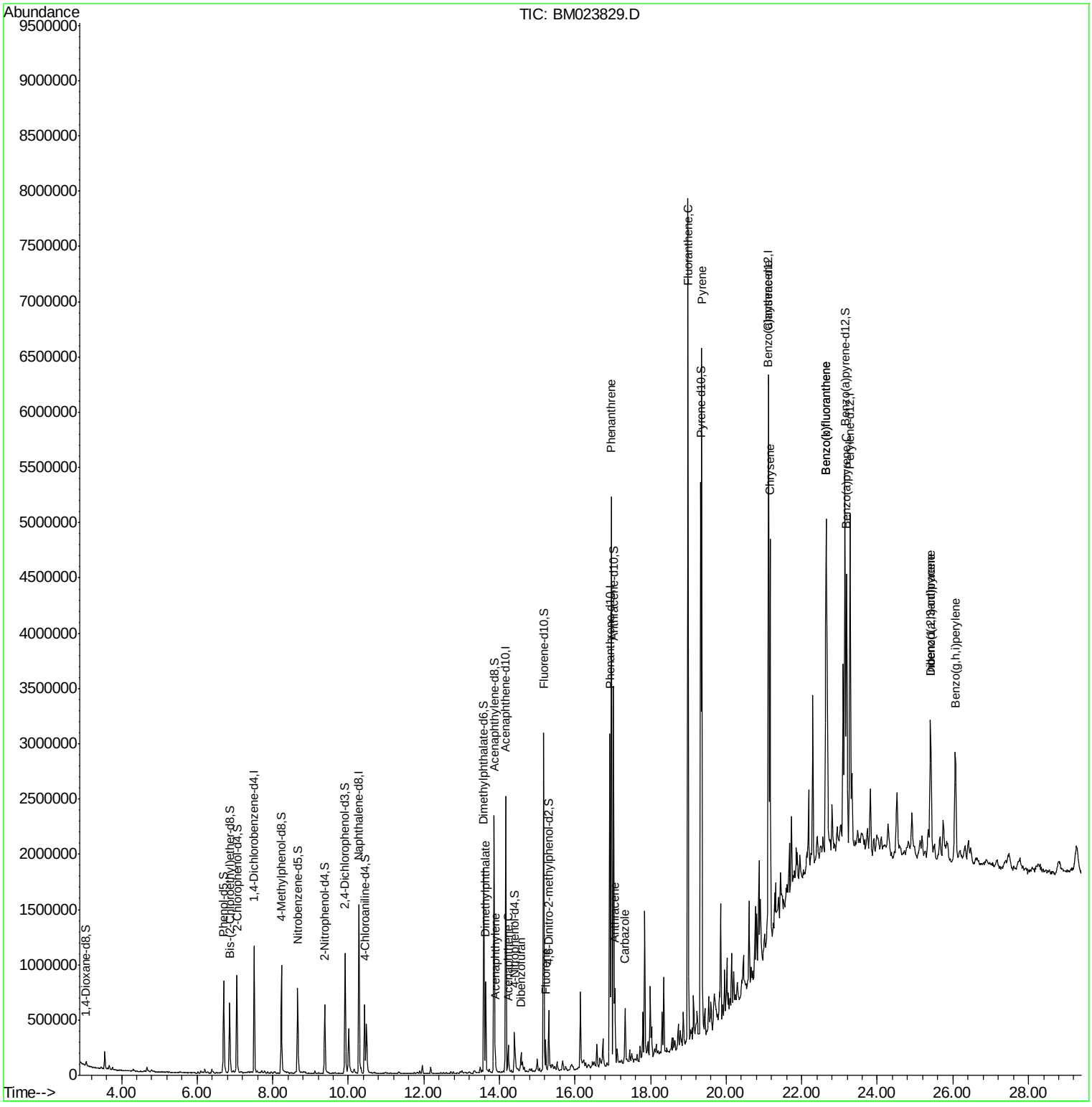
(#) = qualifier out of range (m) = manual integration (+) = signals summed

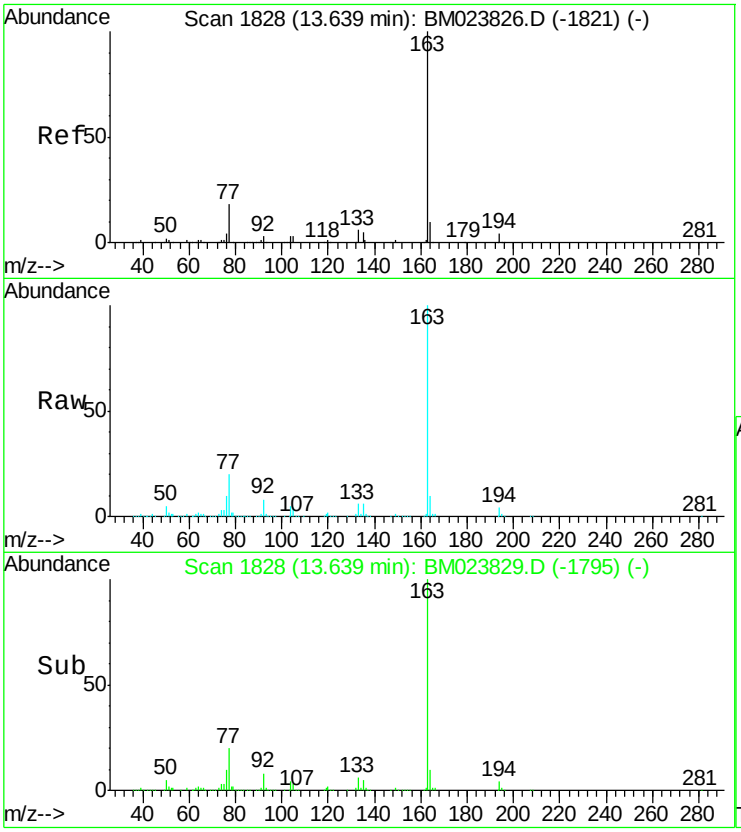
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112119\
Data File : BM023829.D
Acq On : 21 Nov 2019 15:07
Operator : JU
Sample : K5841-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA2

Quant Time: Nov 21 16:12:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration



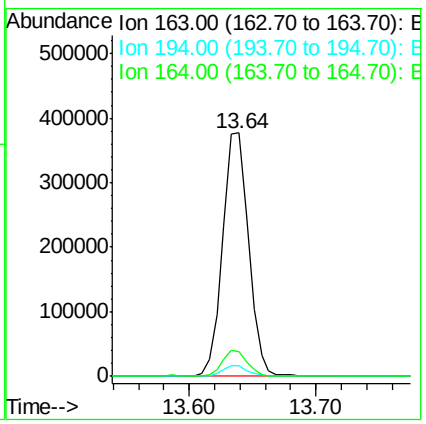


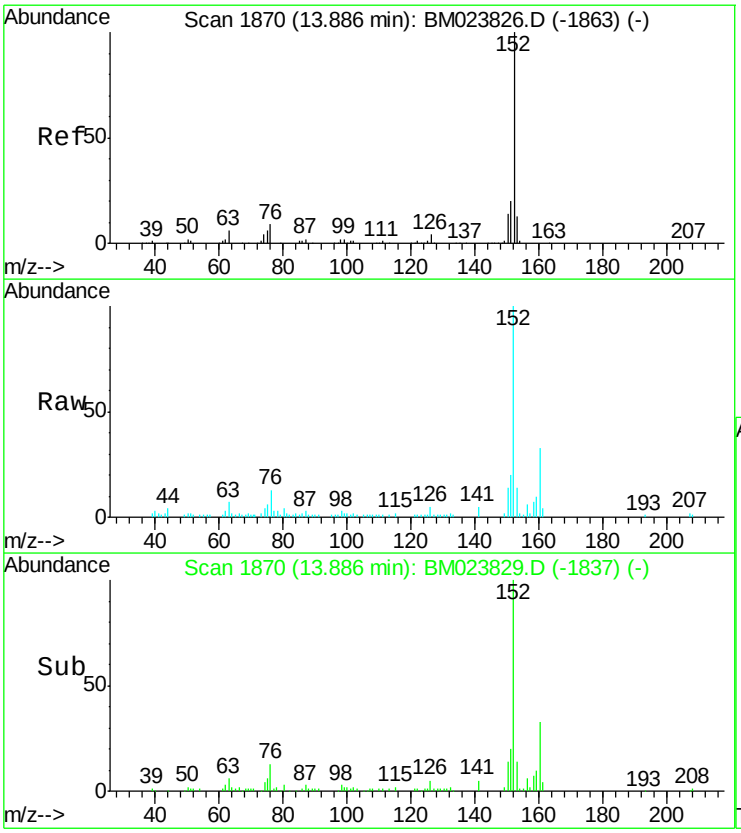
#45
Dimethylphthalate
Concen: 8.886 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Instrument :
BNA_M
ClientSampleId :
C0AA2

Tgt Ion:163 Resp: 533909

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.2	8.0	12.0

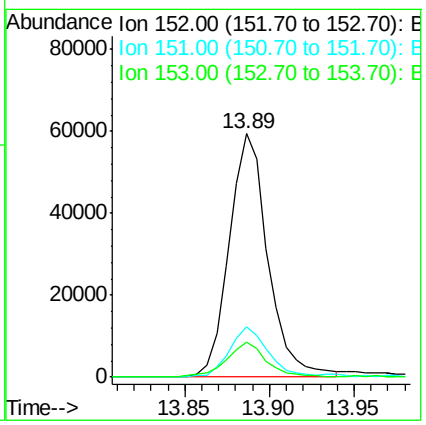


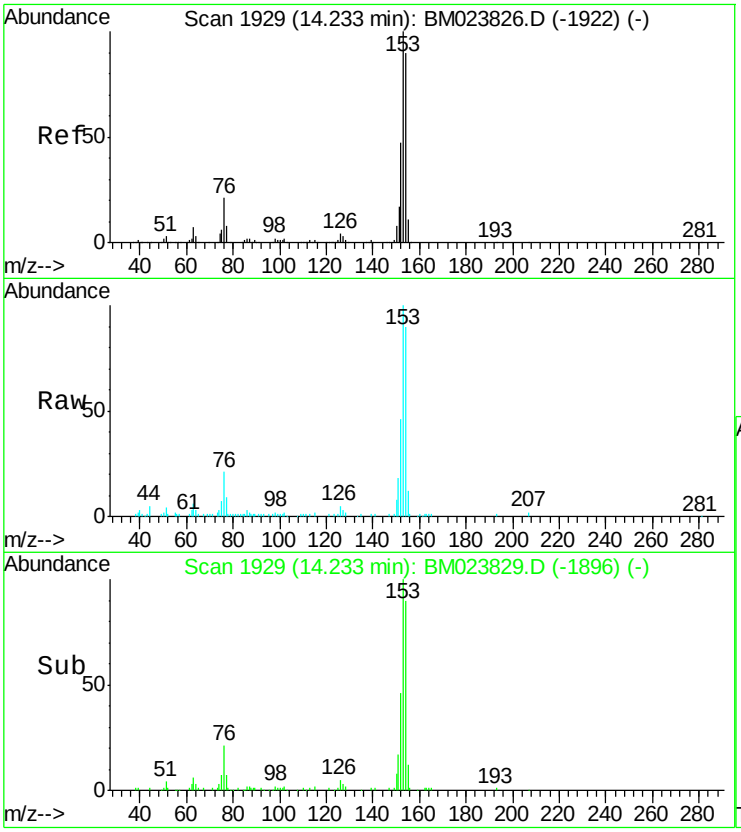


#48
Acenaphthylene
Concen: 1.349 ng/ul
RT: 13.89 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Tgt Ion:152 Resp: 95006

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	14.2	10.4	15.6



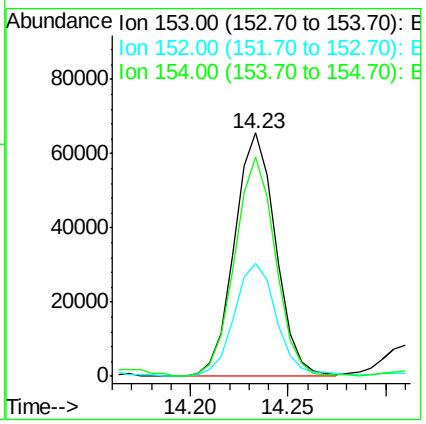


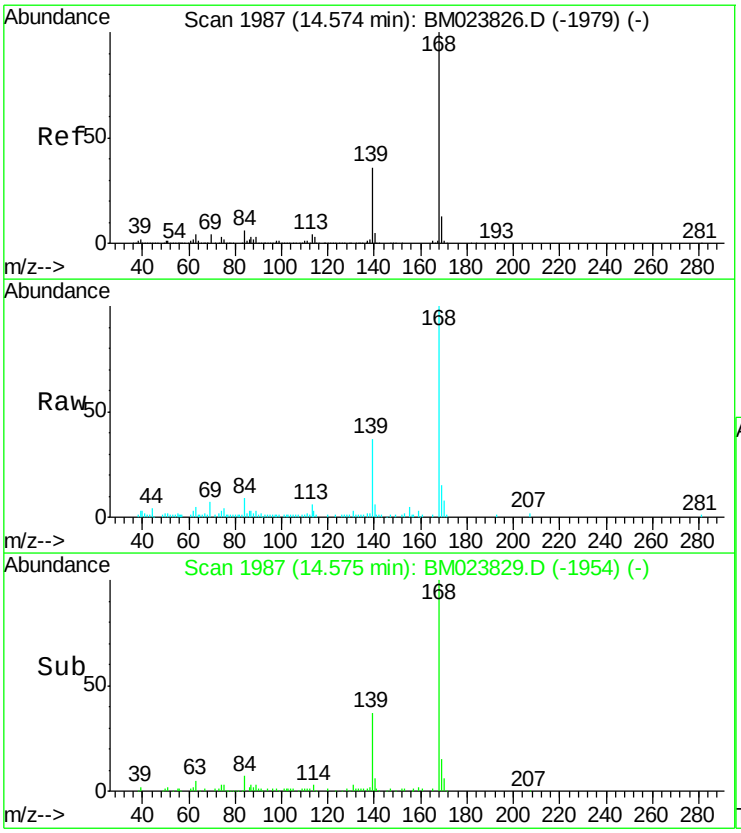
#50
Acenaphthene
Concen: 1.932 ng/ul
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Instrument :
BNA_M
ClientSampleId :
C0AA2

Tgt Ion:153 Resp: 96568

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.7	56.5
154	90.0	70.6	106.0

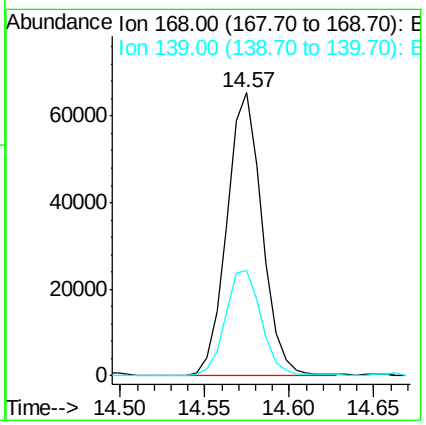


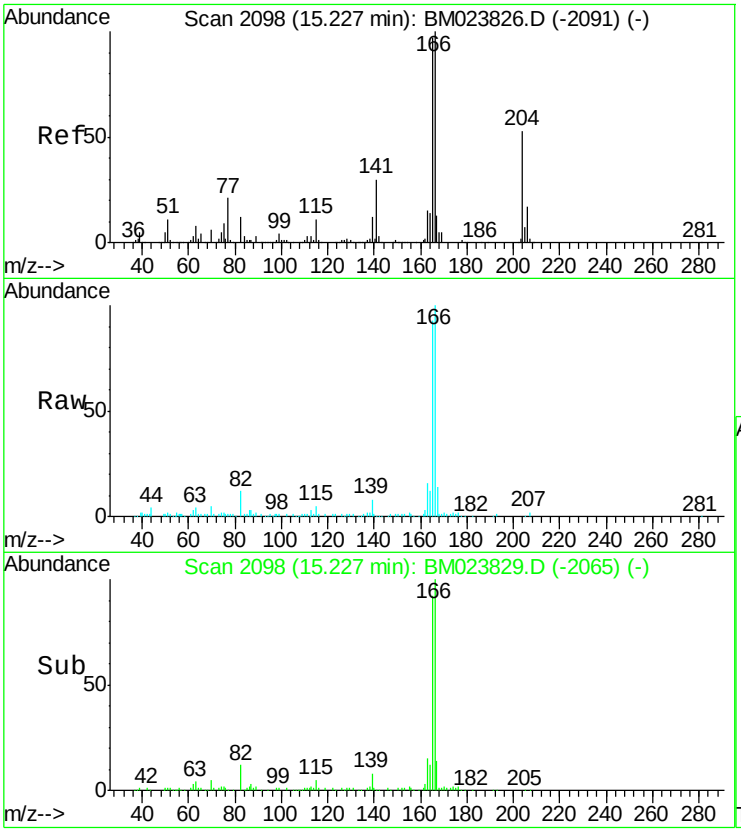


#54
Dibenzofuran
Concen: 1.286 ng/ul
RT: 14.57 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Tgt Ion:168 Resp: 95165

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.3	43.9



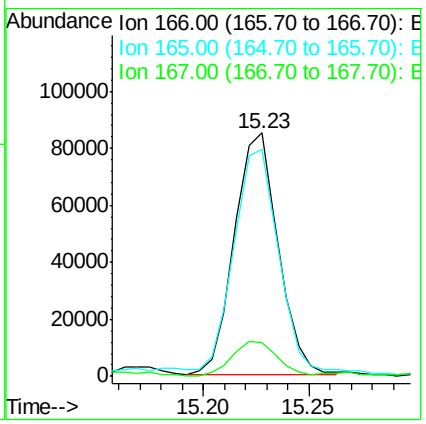


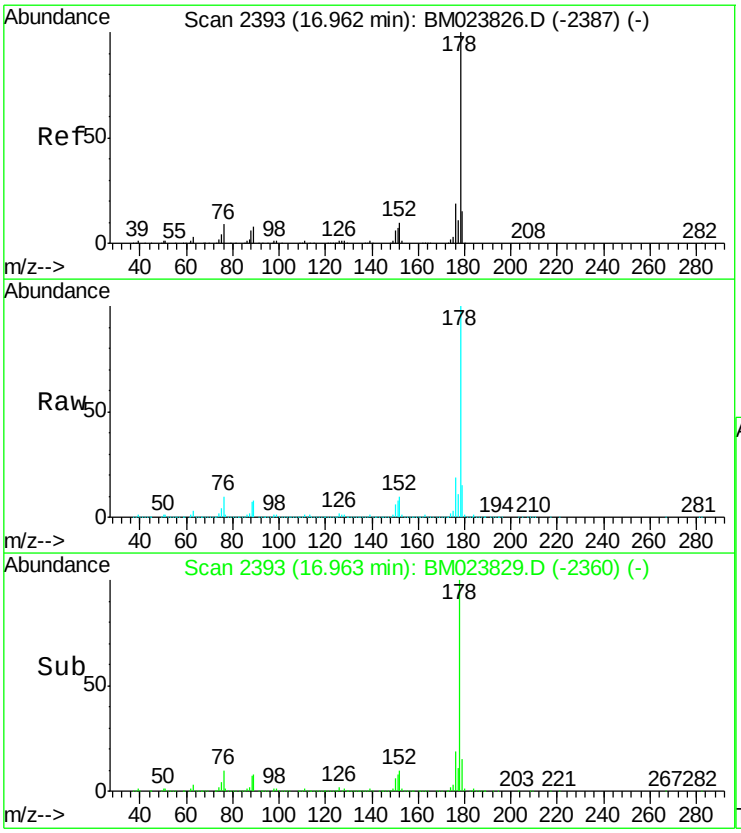
#59
Fluorene
Concen: 2.021 ng/ul
RT: 15.23 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Instrument :
BNA_M
ClientSampleId :
C0AA2

Tgt Ion:166 Resp: 121327

Ion	Ratio	Lower	Upper
166	100		
165	93.1	77.2	115.8
167	14.1	10.9	16.3

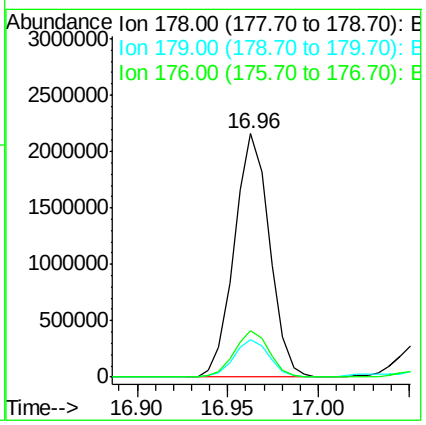


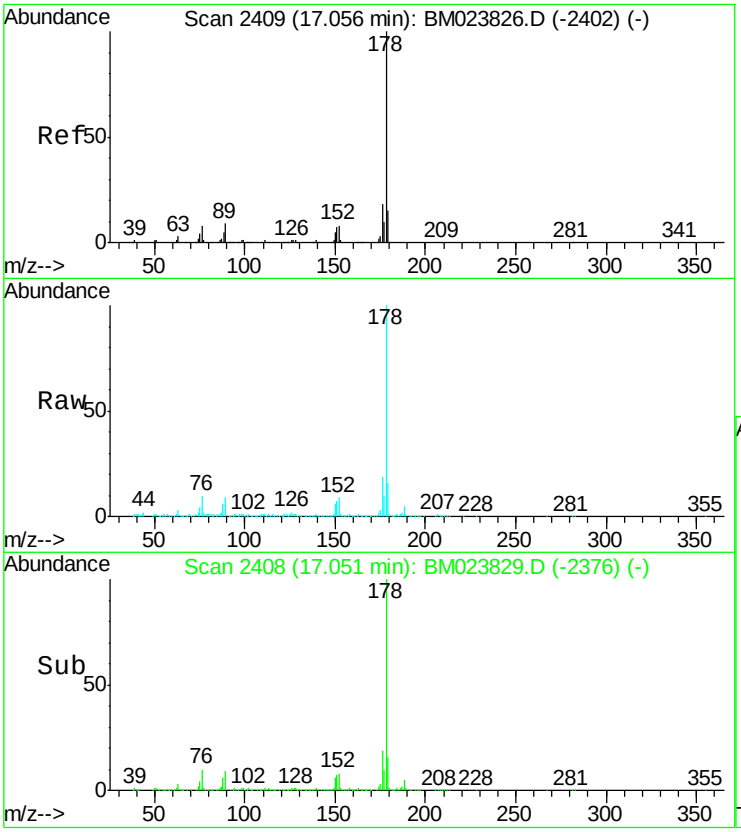


#70
Phenanthrene
Concen: 31.164 ng/ul
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Tgt Ion:178 Resp: 2920023

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.1	15.0	22.6



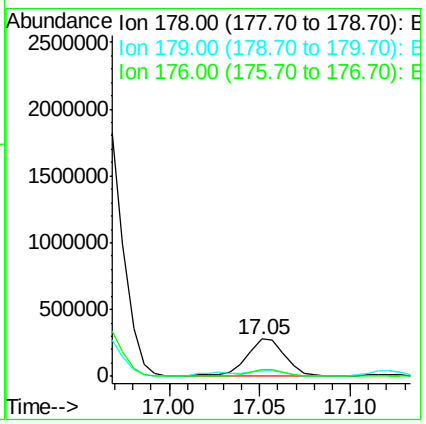


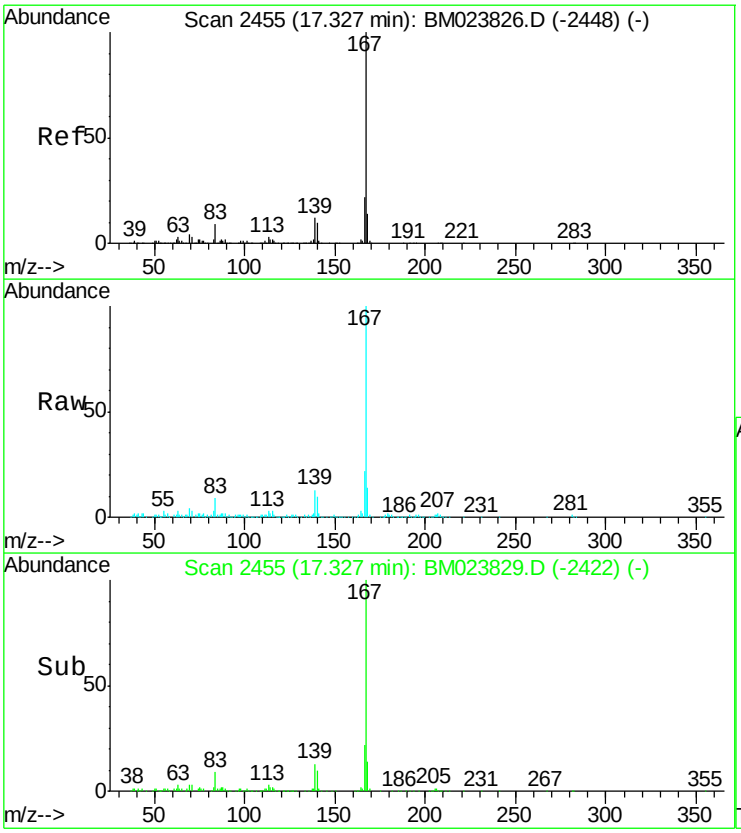
#72
Anthracene
Concen: 4.390 ng/ul
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Instrument :
BNA_M
ClientSampleId :
C0AA2

Tgt Ion:178 Resp: 413566

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.1	14.7	22.1

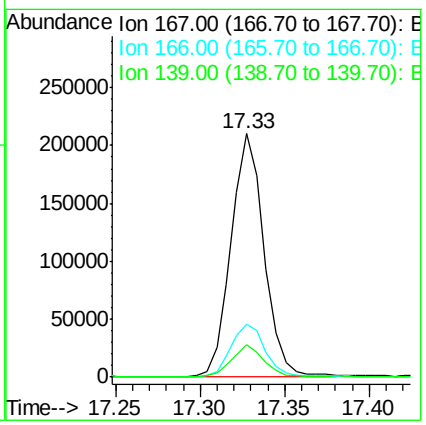


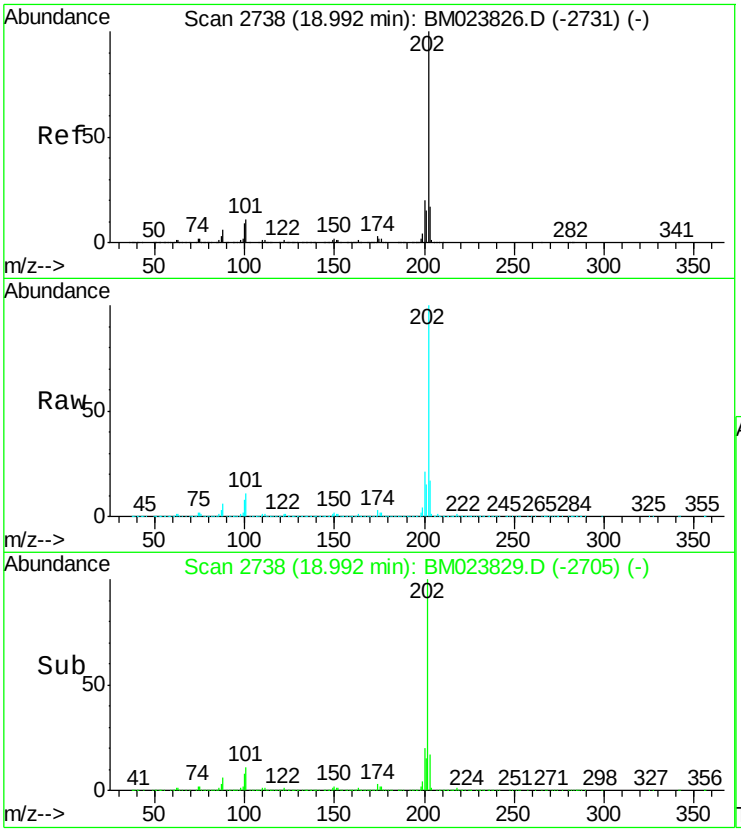


#75
Carbazole
Concen: 3.659 ng/ul
RT: 17.33 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Tgt Ion:167 Resp: 287401

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	13.3	9.8	14.6



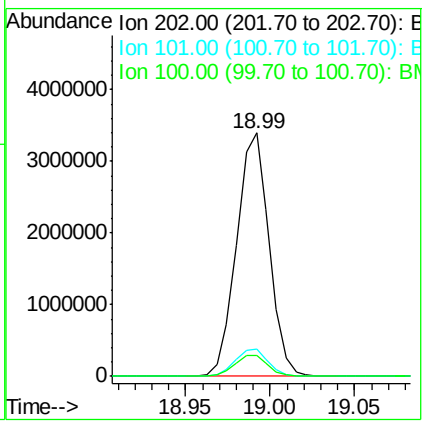


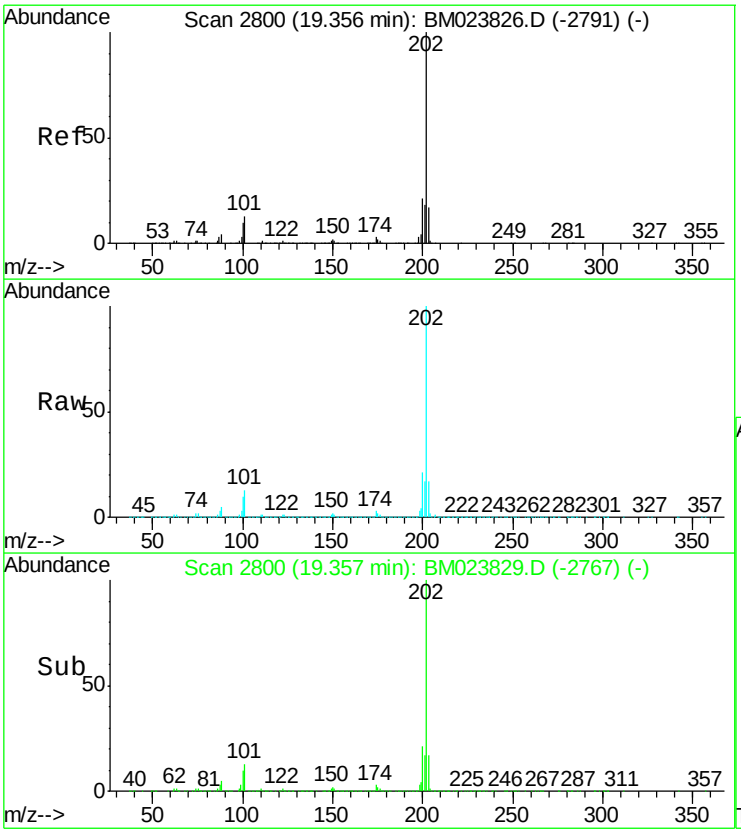
#77
Fluoranthene
Concen: 45.322 ng/ul
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Instrument :
BNA_M
ClientSampleId :
C0AA2

Tgt Ion:202 Resp: 4549768

Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.7	11.5
100	8.4	6.0	9.0

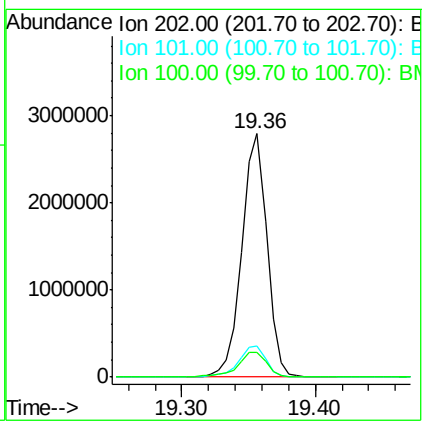


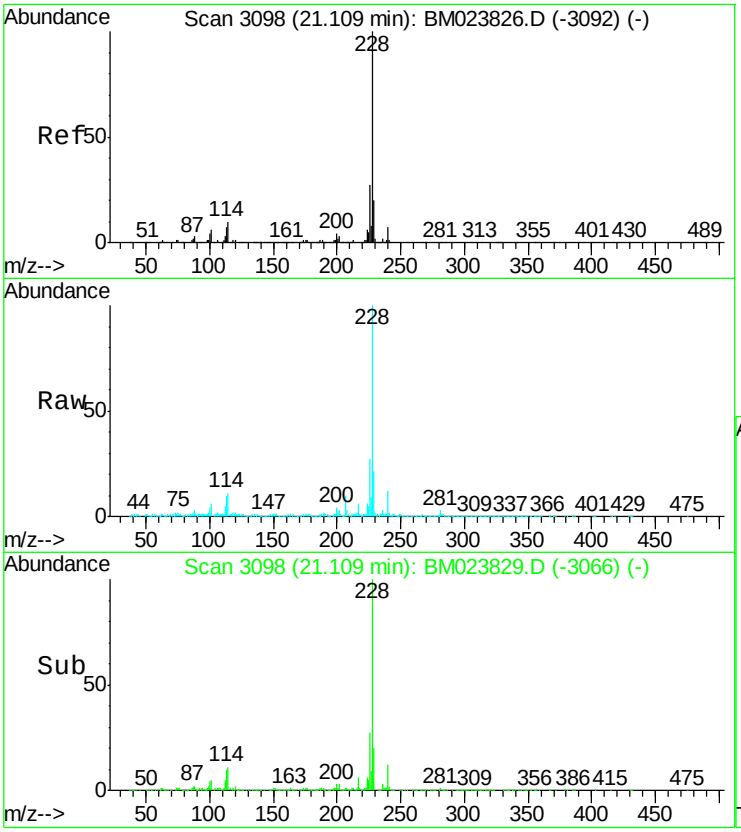


#80
Pyrene
Concen: 33.213 ng/ul
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Tgt Ion:202 Resp: 3614788

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.6
100	10.4	8.1	12.1



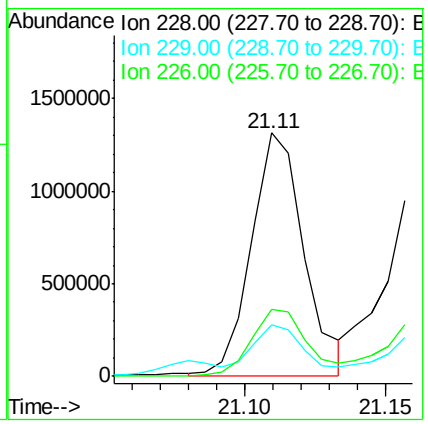


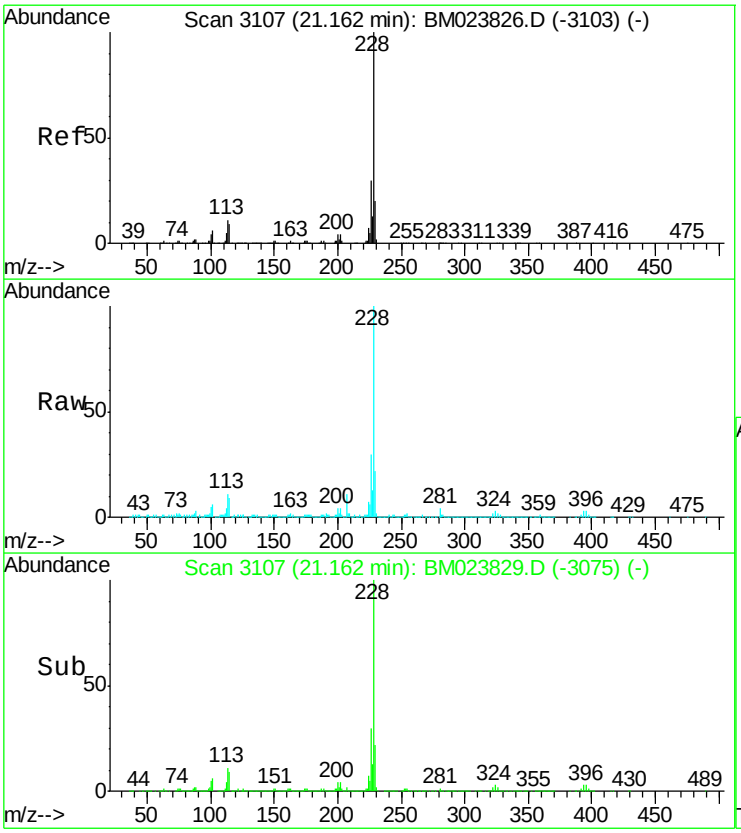
#83
Benzo(a)anthracene
Concen: 15.244 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Instrument :
BNA_M
ClientSampleId :
C0AA2

Tgt Ion:228 Resp: 1693037

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	27.4	21.4	32.2

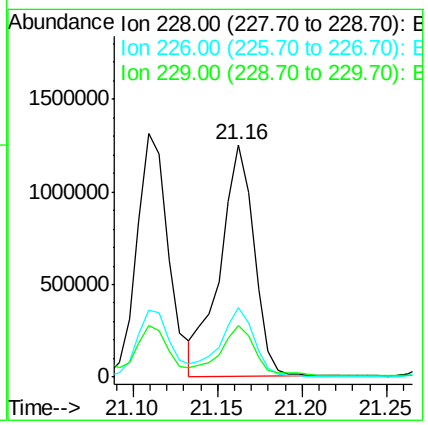


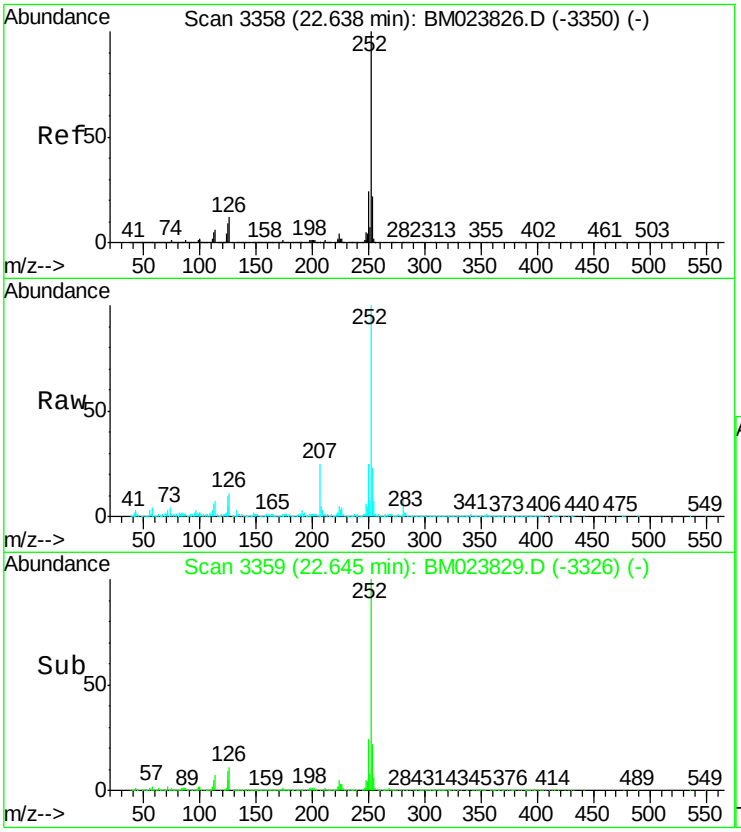


#85
Chrysene
Concen: 16.765 ng/ul
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Tgt Ion:228 Resp: 1752898

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	22.3	15.8	23.6



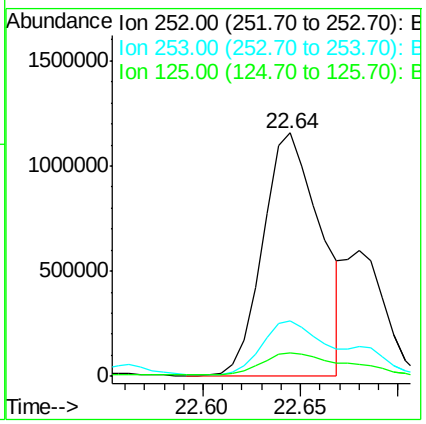


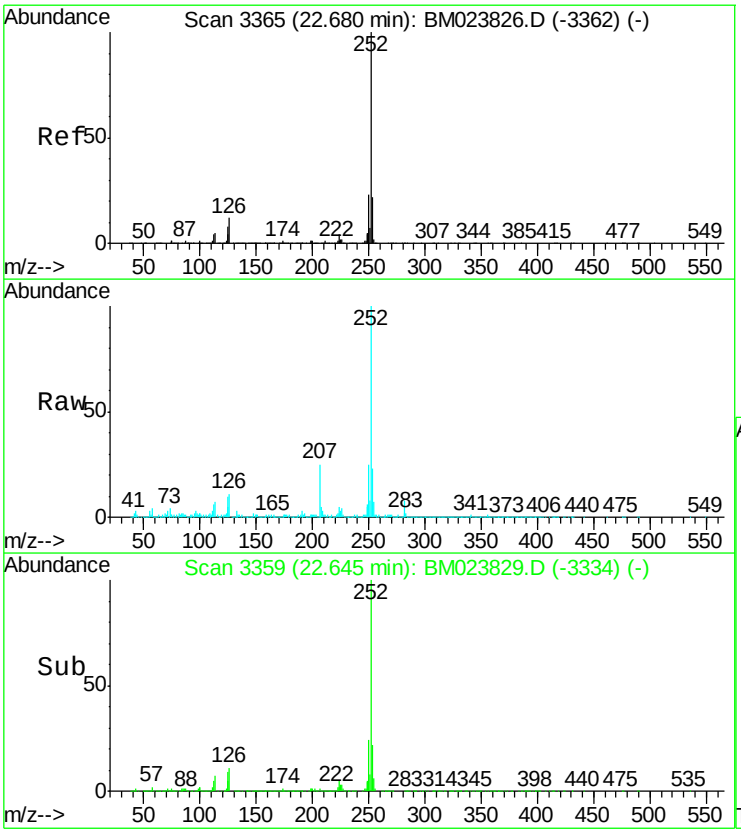
#88
Benzo(b)fluoranthene
Concen: 18.223 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Instrument :
BNA_M
ClientSampleId :
C0AA2

Tgt Ion:252 Resp: 2351129

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	9.8	6.5	9.7#

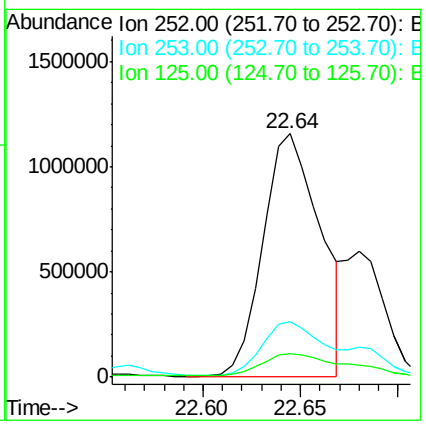


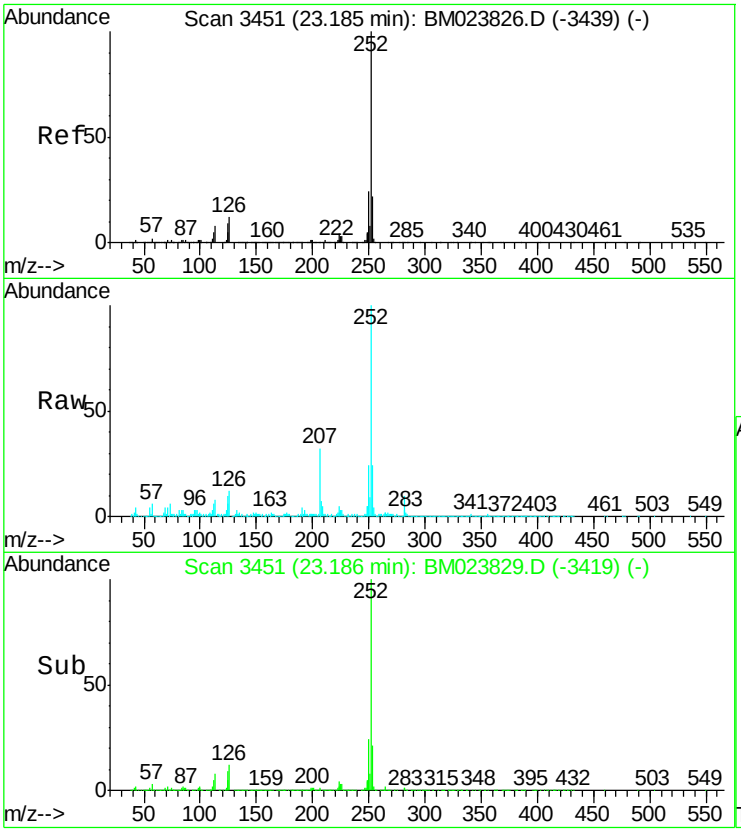


#89
Benzo(k)fluoranthene
Concen: 18.915 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. -0.05 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Tgt Ion:252 Resp: 2351129

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	9.8	5.9	8.9#



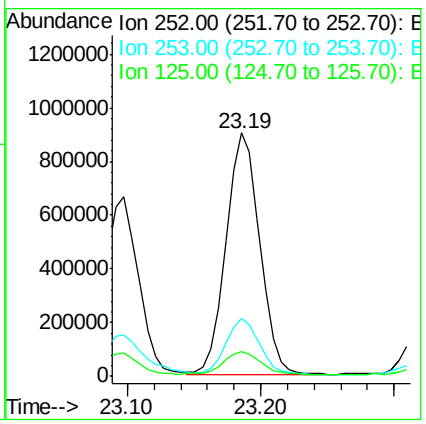


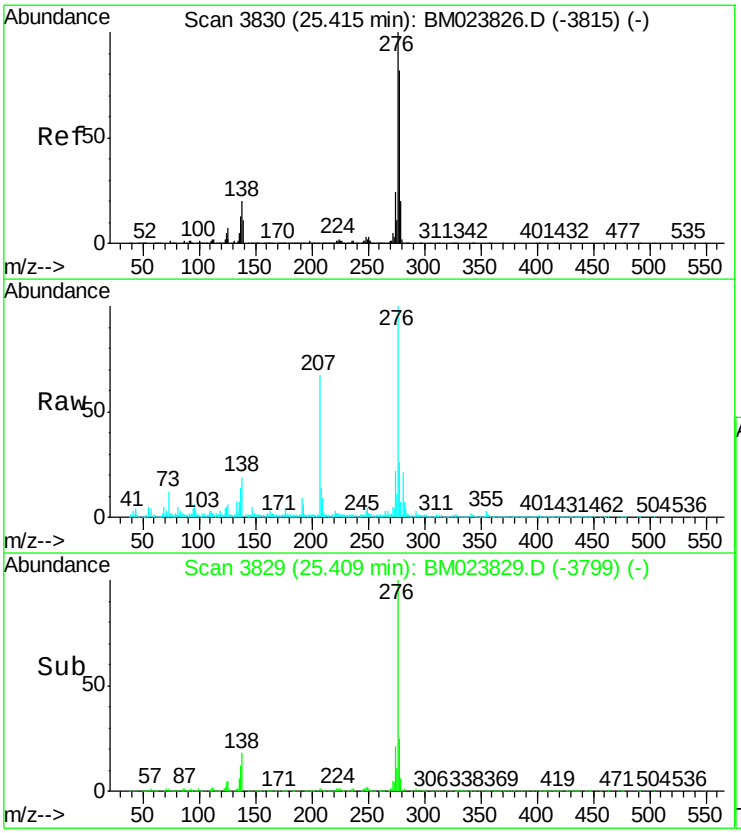
#91
Benzo(a)pyrene
Concen: 13.362 ng/ul
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Instrument :
BNA_M
ClientSampleId :
C0AA2

Tgt Ion:252 Resp: 1578223

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	10.3	6.9	10.3

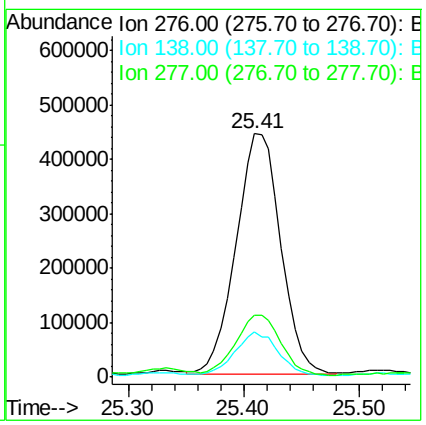


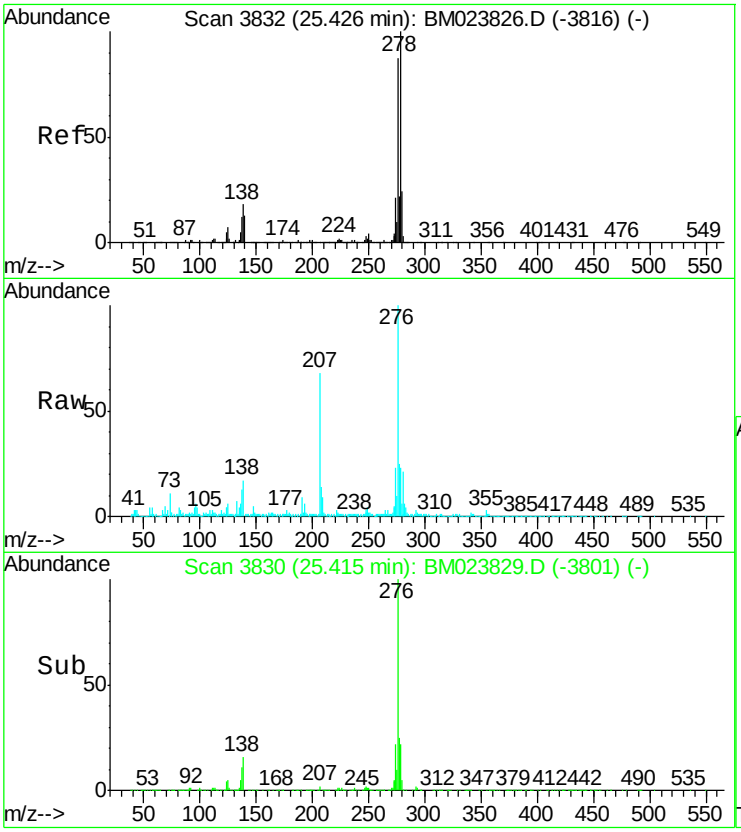


#92
Indeno(1,2,3-cd)pyrene
Concen: 9.456 ng/ul
RT: 25.41 min Scan# 3829
Delta R.T. -0.02 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Tgt Ion:276 Resp: 1194298

Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.0	22.4
277	25.6	20.0	30.0



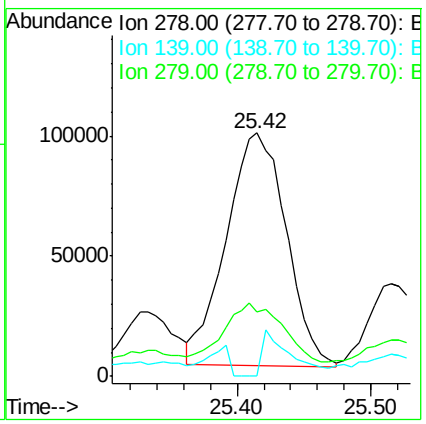


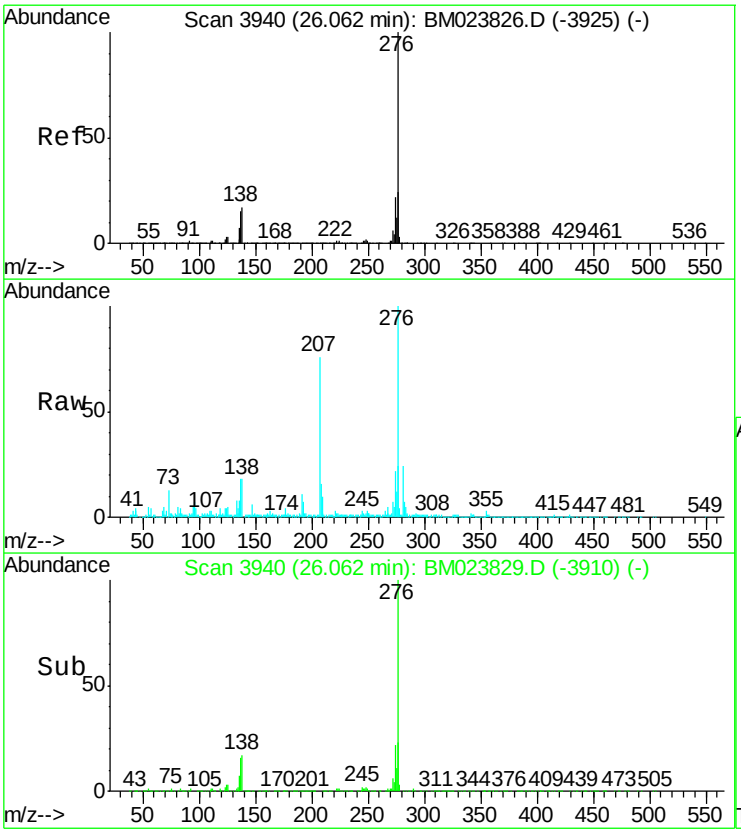
#93
Dibenzo(a,h)anthracene
Concen: 2.833 ng/ul
RT: 25.42 min Scan# 3830
Delta R.T. -0.03 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Instrument :
BNA_M
ClientSampleId :
C0AA2

Tgt Ion:278 Resp: 301922

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.0	15.0#
279	26.5	19.0	28.6





#94
Benzo(g,h,i)perylene
Concen: 11.498 ng/ul
RT: 26.06 min Scan# 3940
Delta R.T. -0.02 min
Lab File: BM023829.D
Acq: 21 Nov 2019 15:07

Tgt Ion:276 Resp: 1176740

Ion	Ratio	Lower	Upper
276	100		
138	18.1	13.2	19.8
277	24.4	18.6	28.0