Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
Data File : BM020804.D
Acq On : 07 Jun 2019 15:13
Operator : HP/JU
Sample : K3201-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC3

Quant Time: Jun 08 00:25:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 08 00:20:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	269725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1092355	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	619045	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1330459	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1191710	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	1372478	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	34386	6.08	ng/uL	0.00
5) Phenol-d5	6.98	99	616755	29.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	410223	33.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	563223	34.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	460327	27.72	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	277901	37.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	312880	40.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	586257	36.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	586093	30.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1826212	39.88	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	2205305	37.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	209815	26.70	ng/ul	0.00
57) Fluorene-d10	15.45	176	1512989	38.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	114093	16.77	ng/ul	0.00
70) Anthracene-d10	17.29	188	2280820	39.25	ng/ul	0.00
78) Pyrene-d10	19.59	212	2278744	39.56	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	2344129	37.58	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.91	163	756297	16.495	ng/ul	100
47) Acenaphthylene	14.17	152	179447	3.194	ng/ul	98
49) Acenaphthene	14.51	153	64326	1.640	ng/ul	95
53) Dibenzofuran	14.85	168	57643	1.039	ng/ul	98
58) Fluorene	15.50	166	68433	1.537	ng/ul#	96
69) Phenanthrene	17.24	178	1861747	27.804	ng/ul	99
71) Anthracene	17.33	178	362676	5.284	ng/ul	99
74) Carbazole	17.60	167	143219	2.400	ng/ul	99
76) Fluoranthene	19.26	202	3985454	51.939	ng/ul	99
79) Pyrene	19.62	202	3708020	50.407	ng/ul	97
80) Butylbenzylphthalate	20.52	149	30015	1.001	ng/ul#	65
82) Benzo(a)anthracene	21.36	228	2257970	30.373	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.29	149	90000	1.780	ng/ul	97
84) Chrysene	21.42	228	2105872	30.528	ng/ul	98
87) Benzo(b)fluoranthene	22.98	252	2836808	35.531	ng/ul	98
88) Benzo(k)fluoranthene	22.98	252	2836808	37.173	ng/ul	98
90) Benzo(a)pyrene	23.57	252	1934251	25.464	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.98	276	1319663	14.709	ng/ul	98
92) Dibenzo(a,h)anthracene	25.99	278	389107	5.119	ng/ul#	93
93) Benzo(g,h,i)perylene	26.70	276	979070	13.452	ng/ul	99

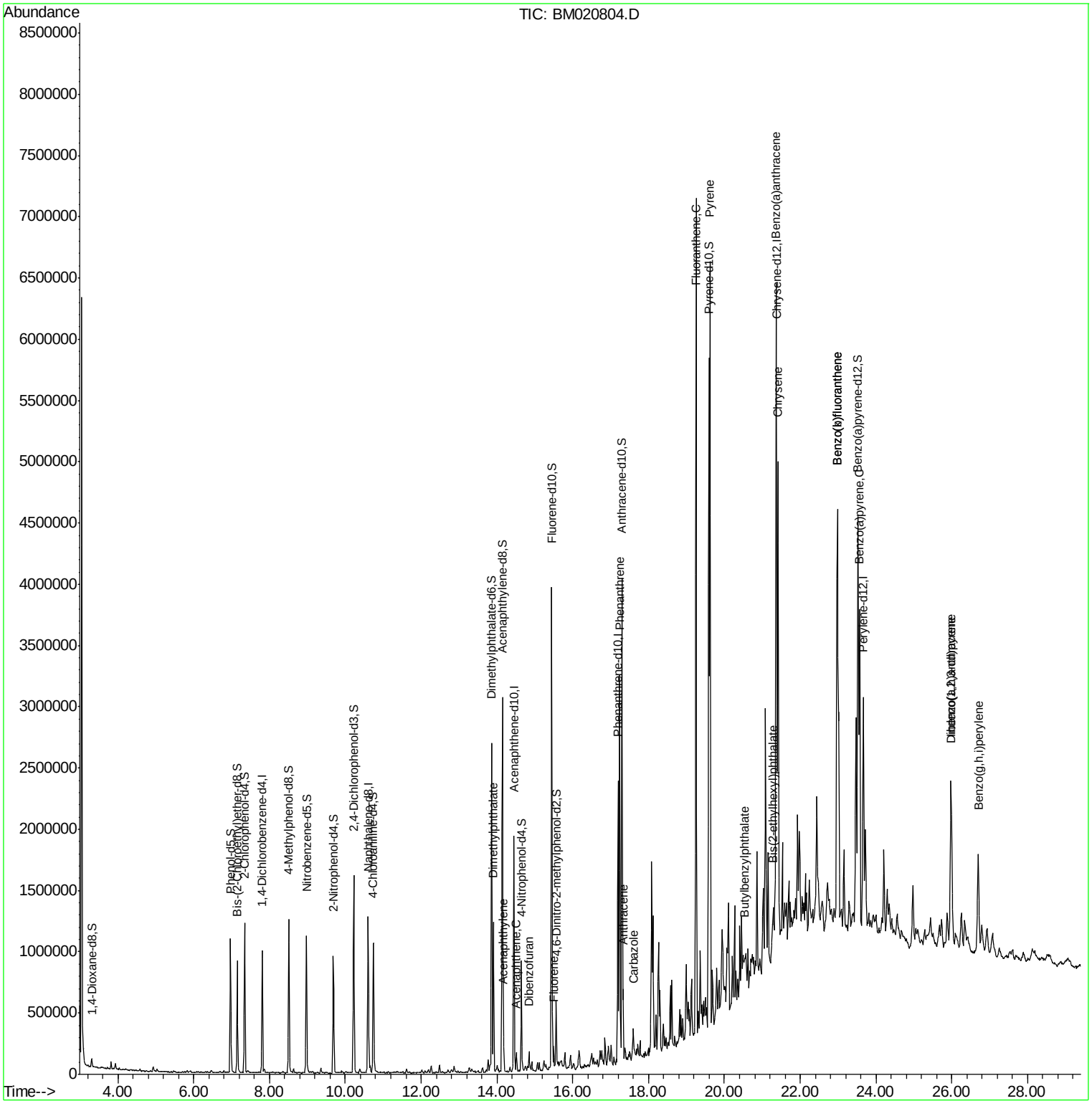
(#) = qualifier out of range (m) = manual integration (+) = signals summed

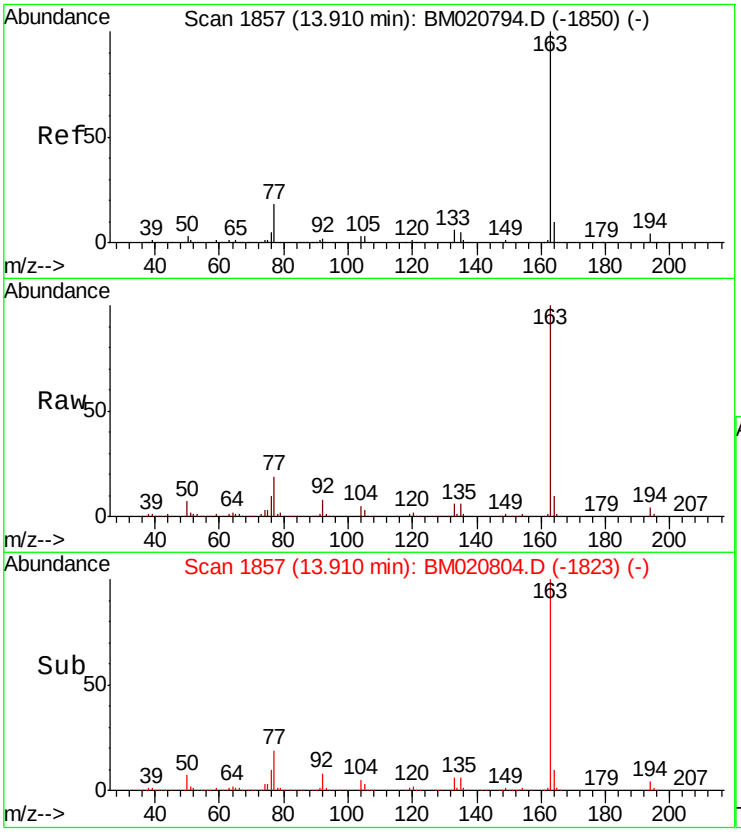
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
Data File : BM020804.D
Acq On : 07 Jun 2019 15:13
Operator : HP/JU
Sample : K3201-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC3

Quant Time: Jun 08 00:25:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 08 00:20:16 2019
Response via : Initial Calibration



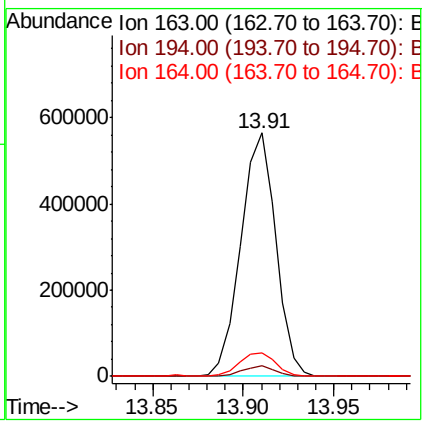


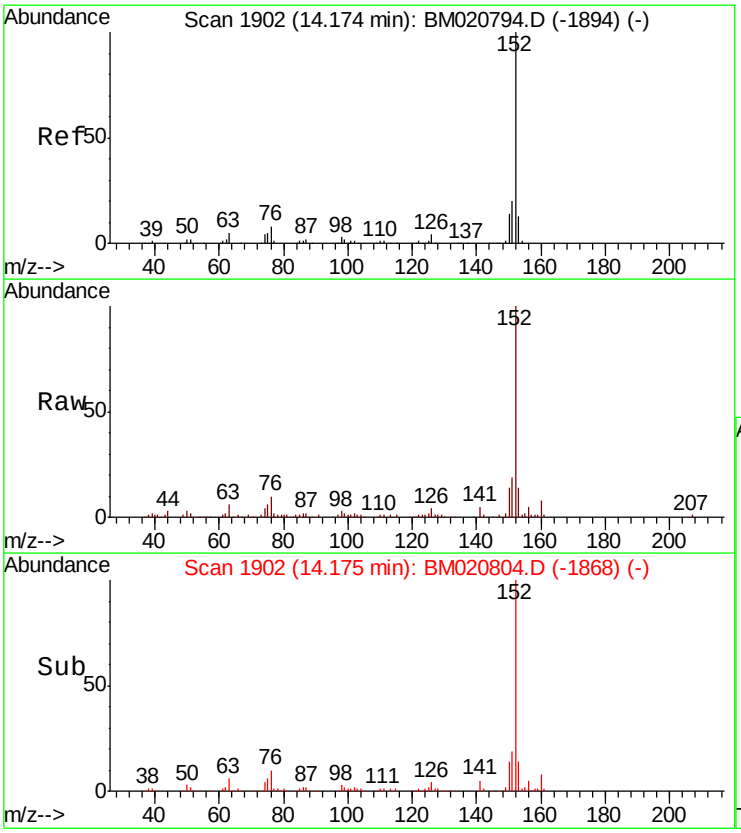
#44
Dimethylphthalate
Concen: 16.495 ng/ul
RT: 13.91 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion:163 Resp: 756297

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.9	8.0	12.0

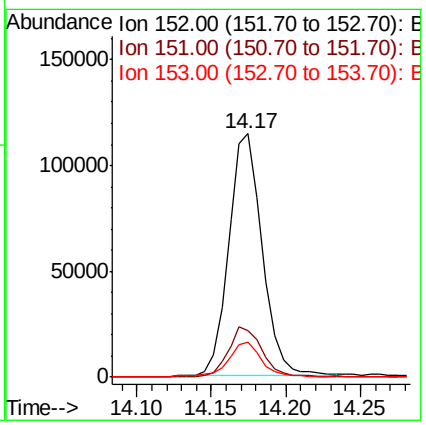


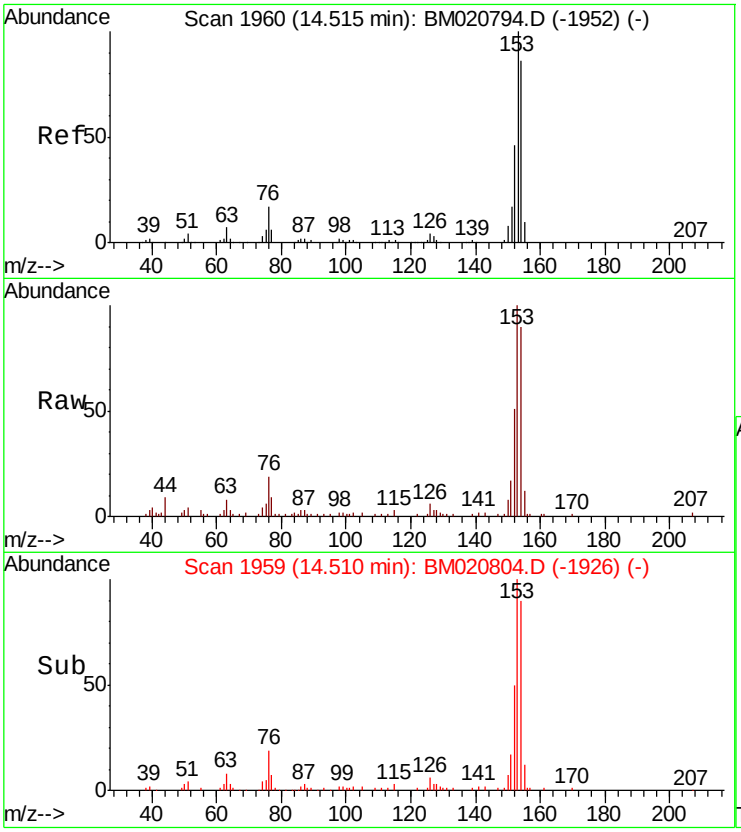


#47
Acenaphthylene
Concen: 3.194 ng/ul
RT: 14.17 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Tgt Ion:152 Resp: 179447

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	14.2	10.6	15.8



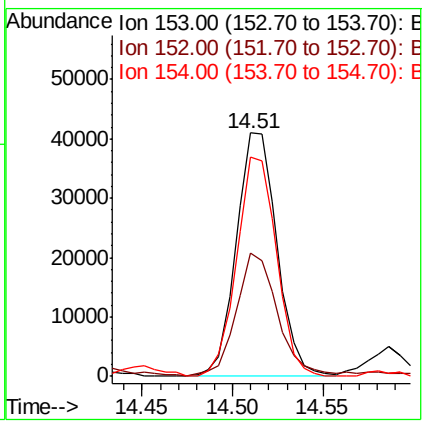


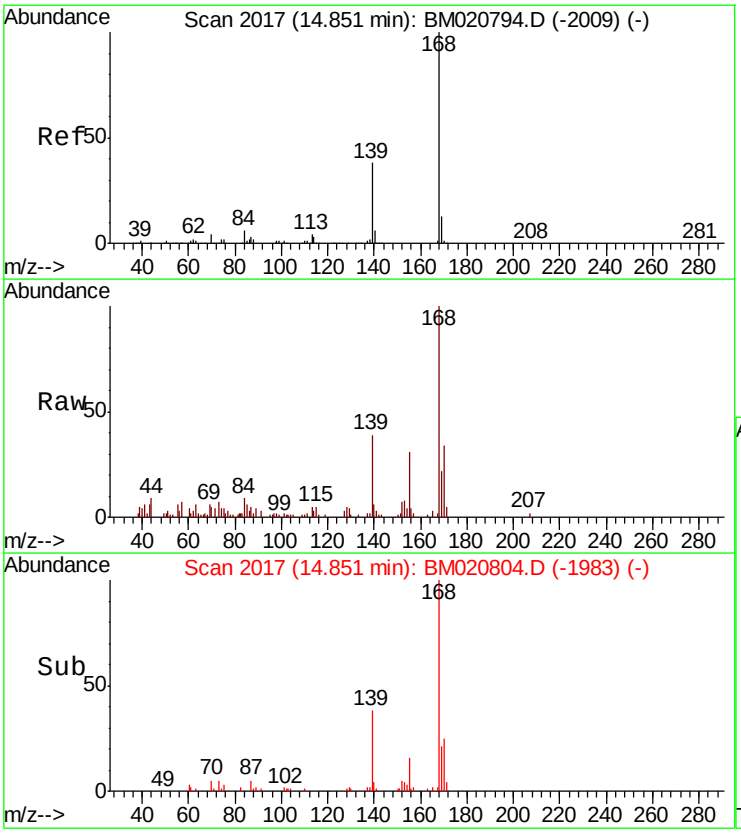
#49
Acenaphthene
Concen: 1.640 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion:153 Resp: 64326

Ion	Ratio	Lower	Upper
153	100		
152	50.6	37.3	55.9
154	90.0	68.7	103.1

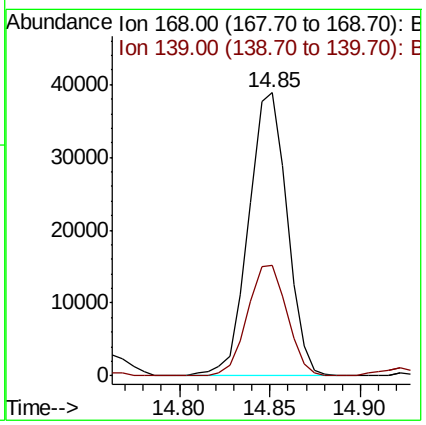


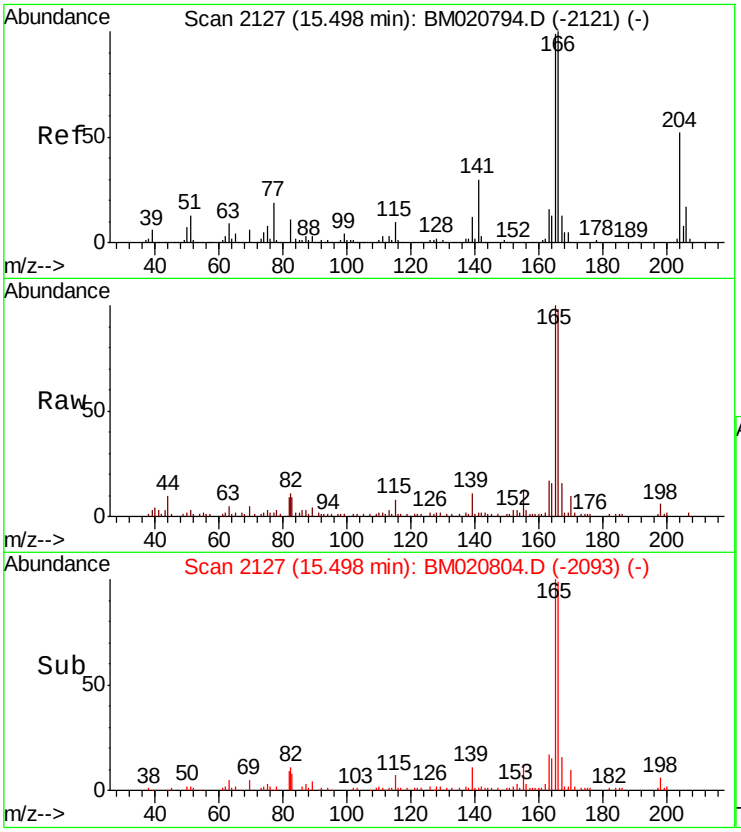


#53
Dibenzofuran
Concen: 1.039 ng/ul
RT: 14.85 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Tgt Ion:168 Resp: 57643

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.4	45.6



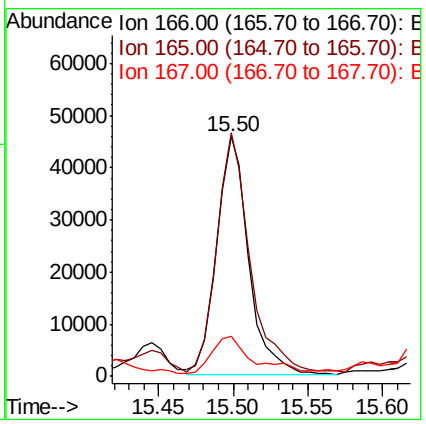


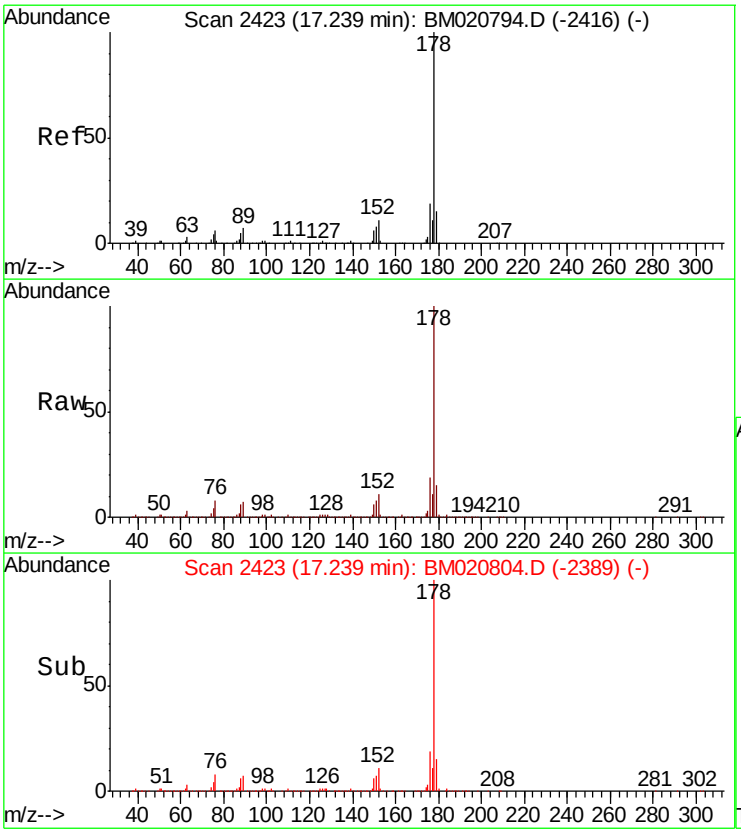
#58
Fluorene
Concen: 1.537 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion:166 Resp: 68433

Ion	Ratio	Lower	Upper
166	100		
165	101.7	78.6	117.8
167	16.7	10.8	16.2#

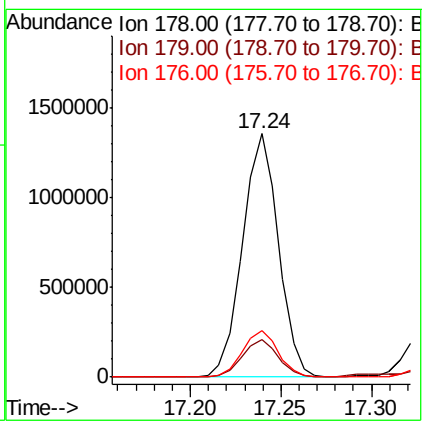


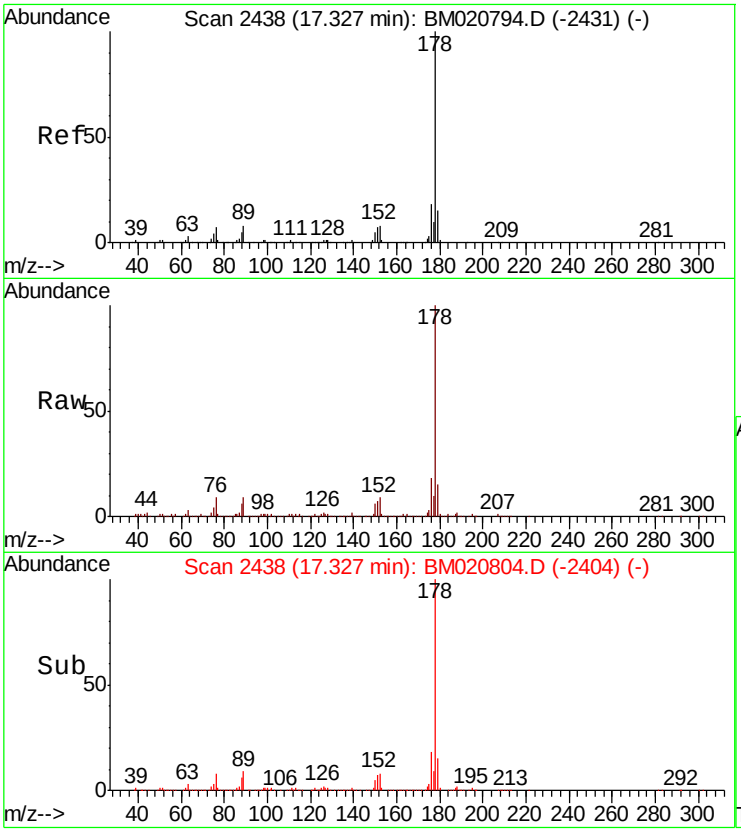


#69
Phenanthrene
Concen: 27.804 ng/ul
RT: 17.24 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Tgt Ion:178 Resp: 1861747

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.0	14.8	22.2



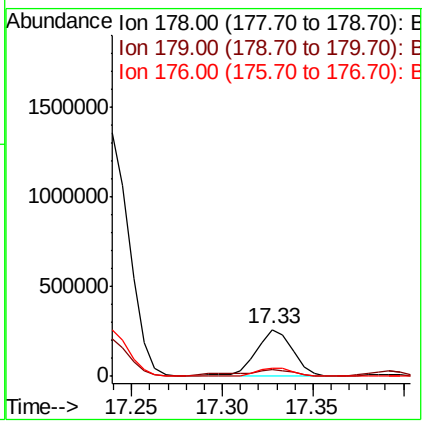


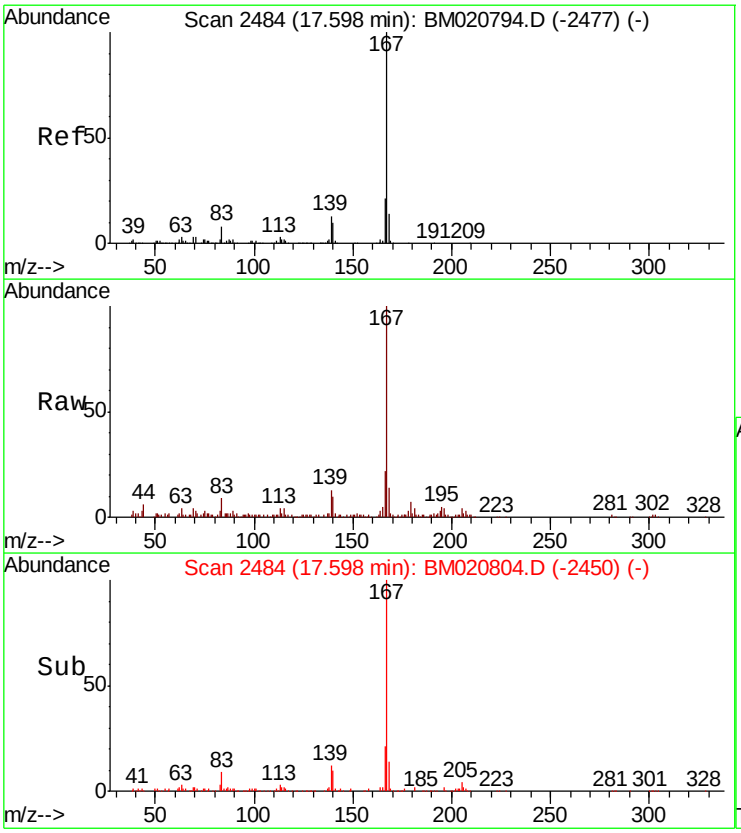
#71
Anthracene
Concen: 5.284 ng/ul
RT: 17.33 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion:178 Resp: 362676

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.4	14.9	22.3

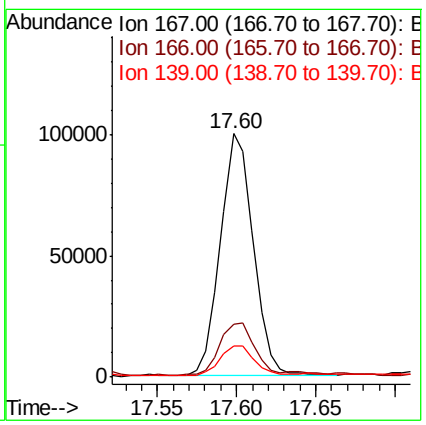


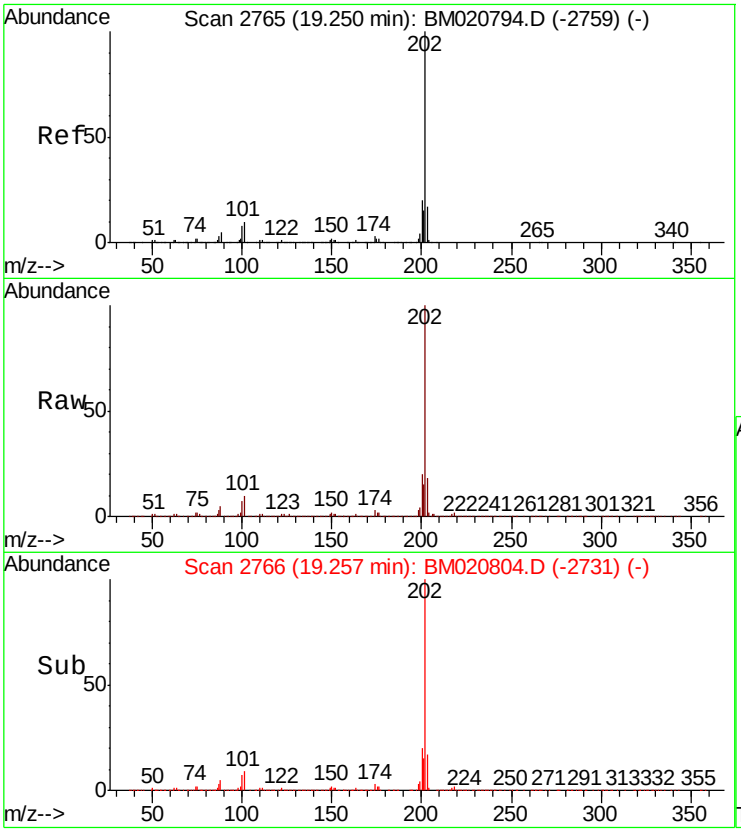


#74
Carbazole
Concen: 2.400 ng/ul
RT: 17.60 min Scan# 2484
Delta R.T. 0.00 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Tgt Ion:167 Resp: 143219

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	12.7	10.5	15.7



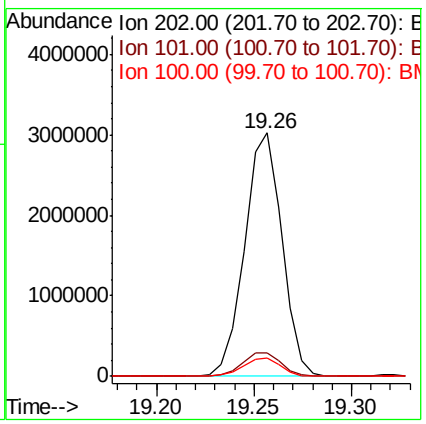


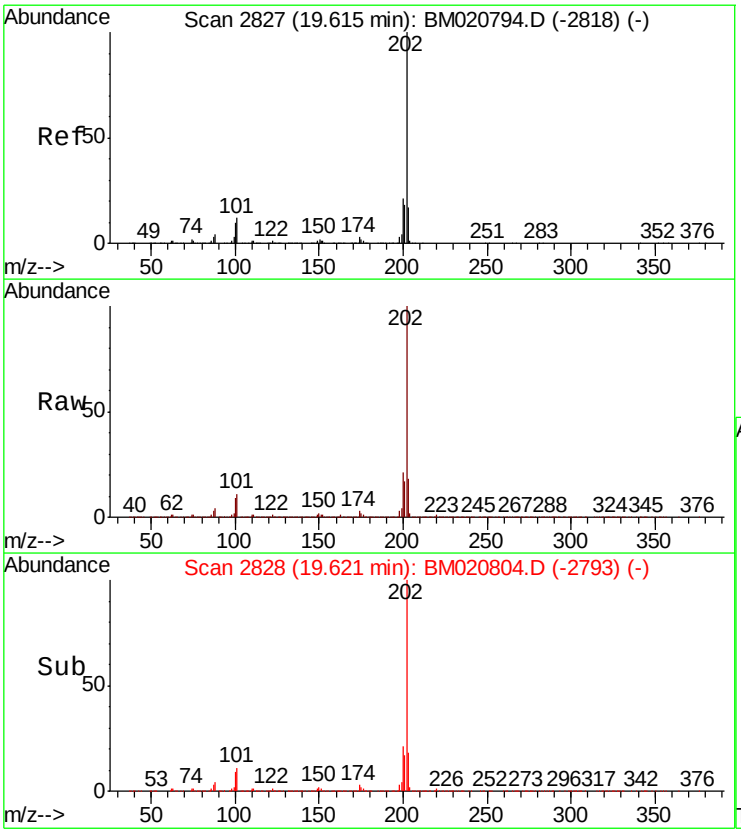
#76
Fluoranthene
Concen: 51.939 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. 0.01 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion:202 Resp: 3985454

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.9	11.9
100	7.5	6.2	9.4

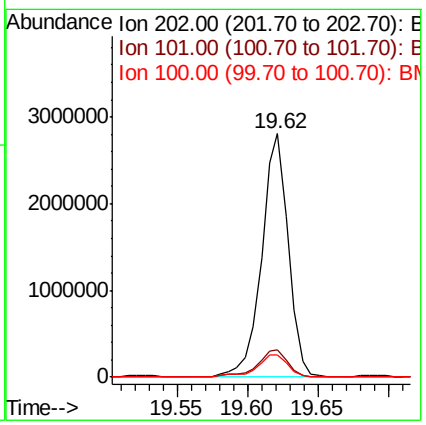


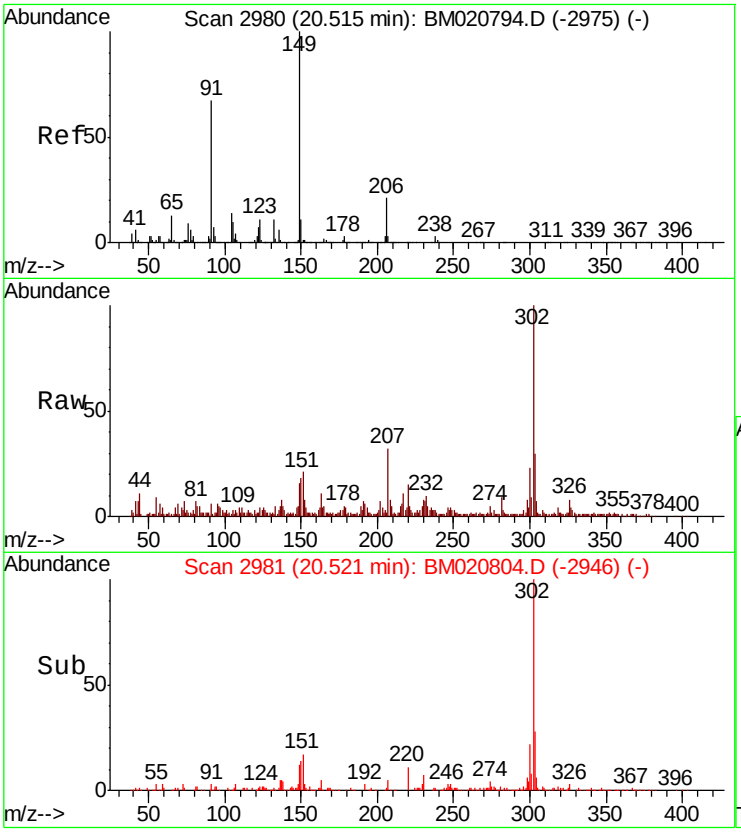


#79
Pyrene
Concen: 50.407 ng/ul
RT: 19.62 min Scan# 2828
Delta R.T. 0.01 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Tgt Ion:202 Resp: 3708020

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.6
100	9.2	8.0	12.0



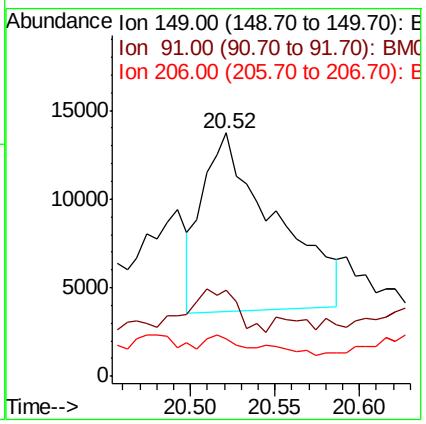


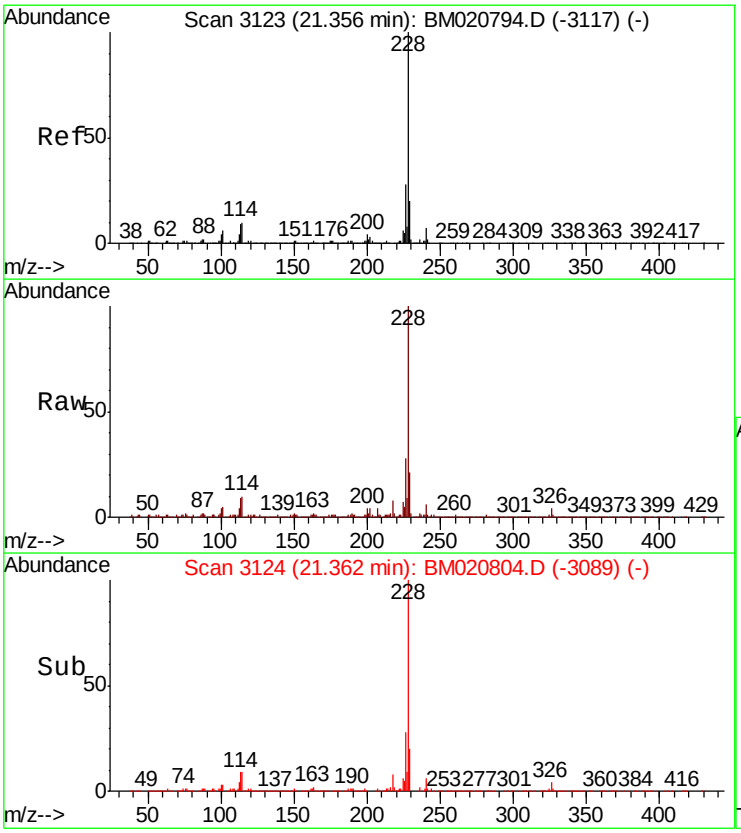
#80
Butylbenzylphthalate
Concen: 1.001 ng/ul
RT: 20.52 min Scan# 2981
Delta R.T. 0.01 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion:149 Resp: 30015

Ion	Ratio	Lower	Upper
149	100		
91	35.3	55.8	83.6#
206	15.4	16.2	24.4#

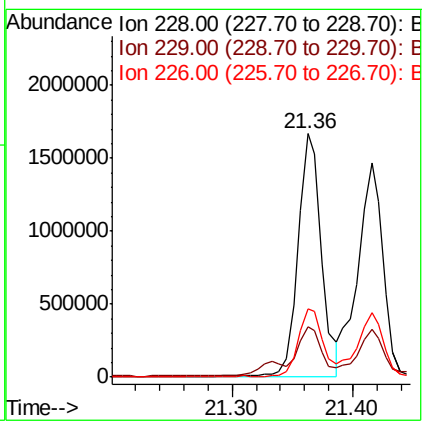


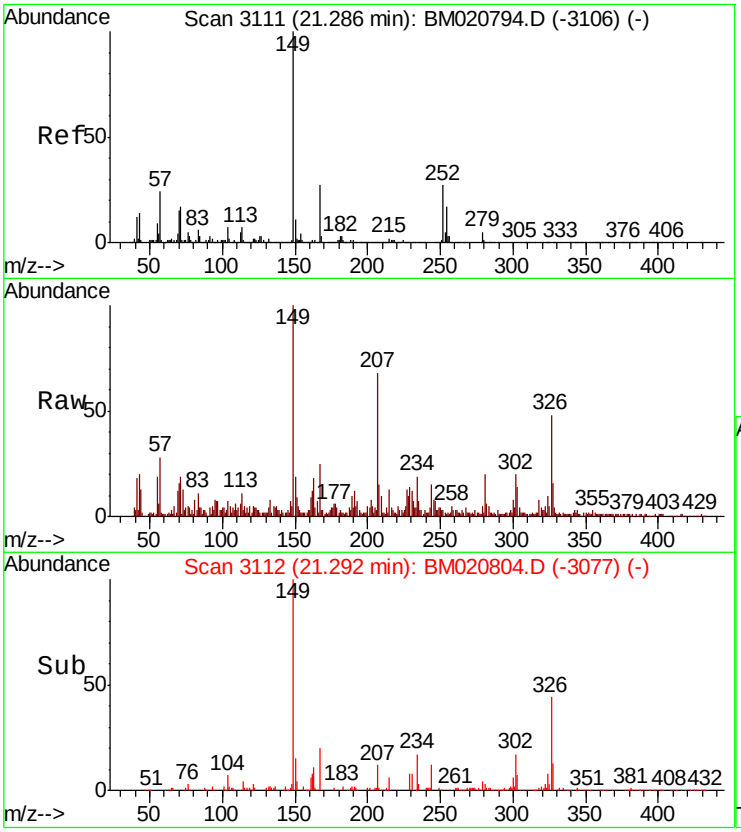


#82
Benzo(a)anthracene
Concen: 30.373 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Tgt Ion:228 Resp: 2257970

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	28.3	21.4	32.2



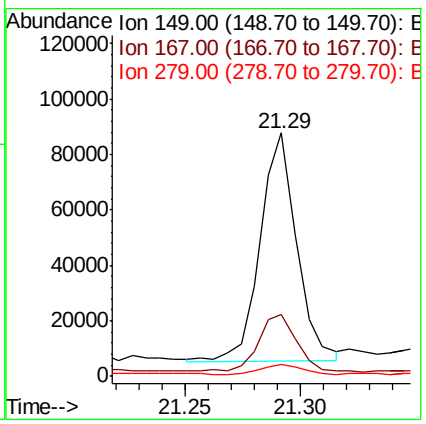


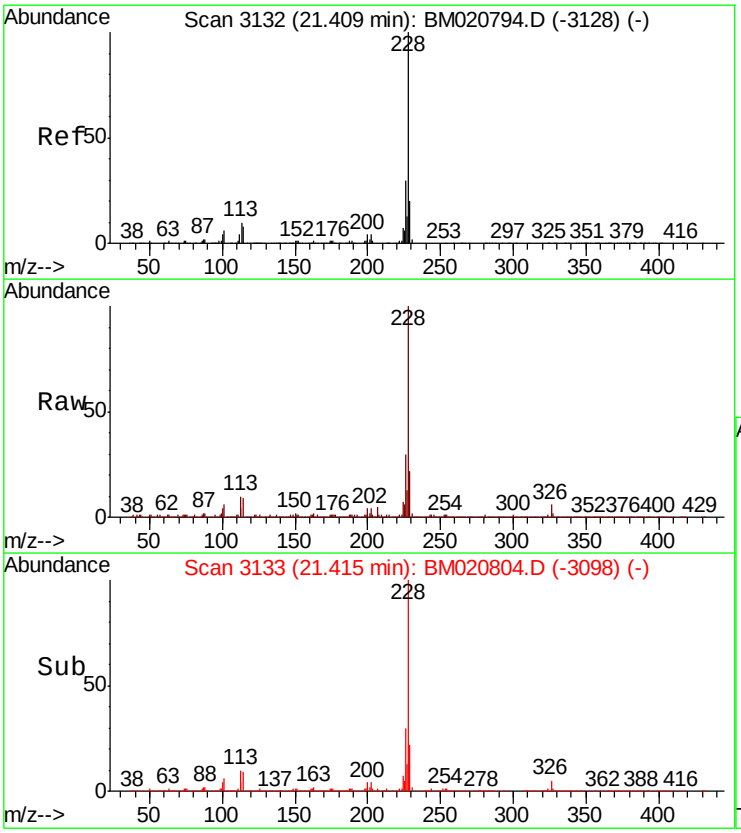
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.780 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion:149 Resp: 90000

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.9	32.9
279	5.0	4.1	6.1

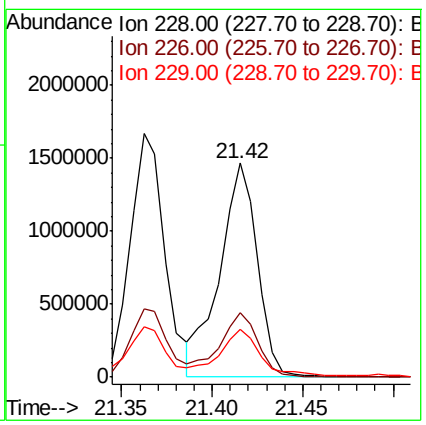


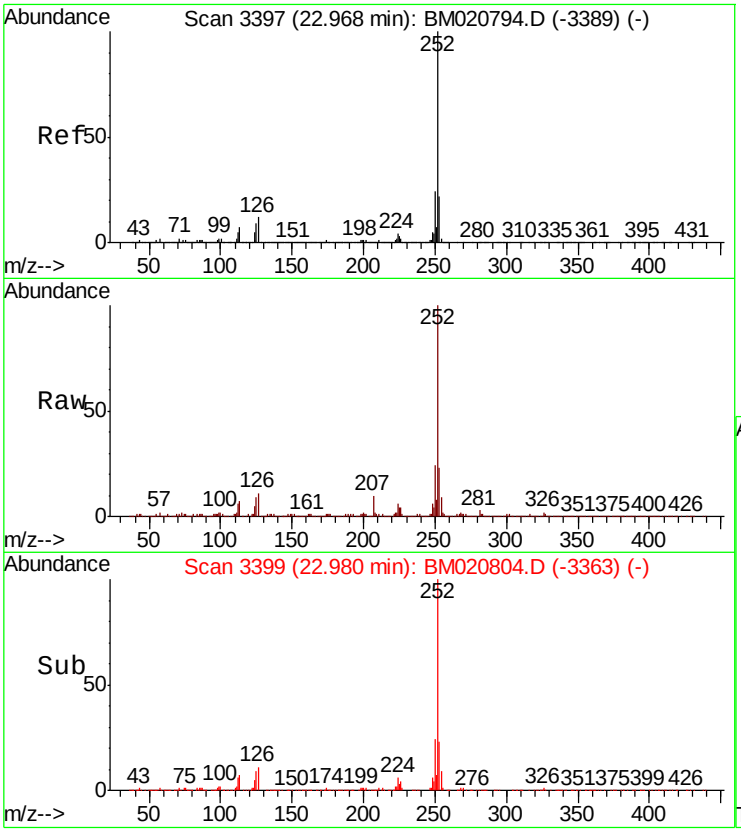


#84
Chrysene
Concen: 30.528 ng/ul
RT: 21.42 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Tgt Ion:228 Resp: 2105872

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	22.4	16.2	24.2



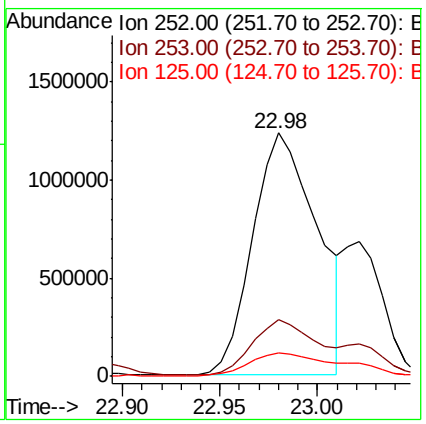


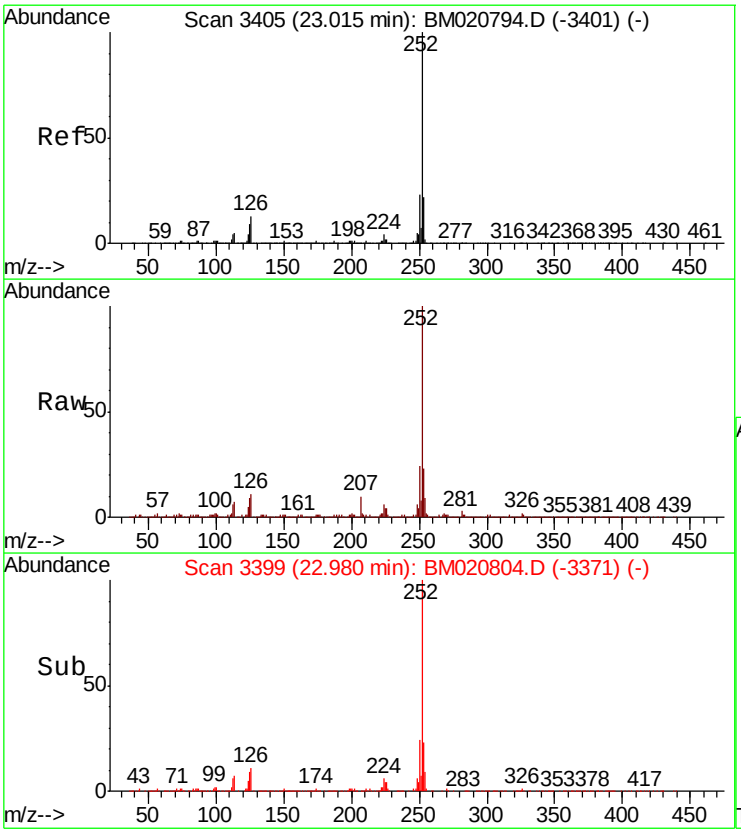
#87
Benzo(b)fluoranthene
Concen: 35.531 ng/ul
RT: 22.98 min Scan# 3399
Delta R.T. 0.01 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion:252 Resp: 2836808

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.4	7.3	10.9

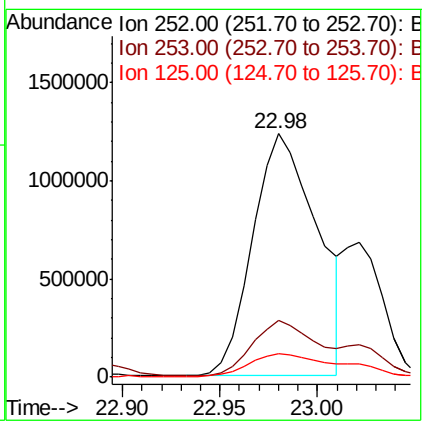


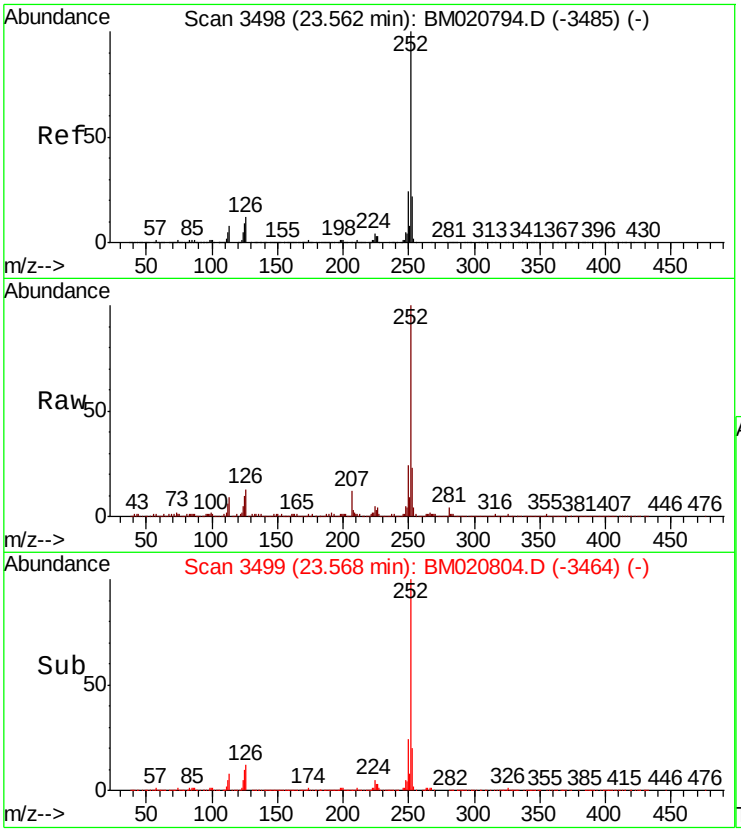


#88
Benzo(k)fluoranthene
Concen: 37.173 ng/ul
RT: 22.98 min Scan# 3399
Delta R.T. -0.03 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Tgt Ion:252 Resp: 2836808

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.4	7.3	10.9



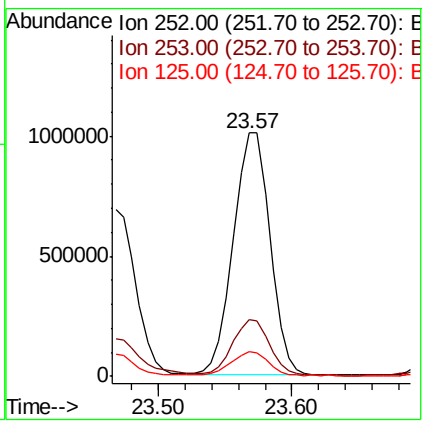


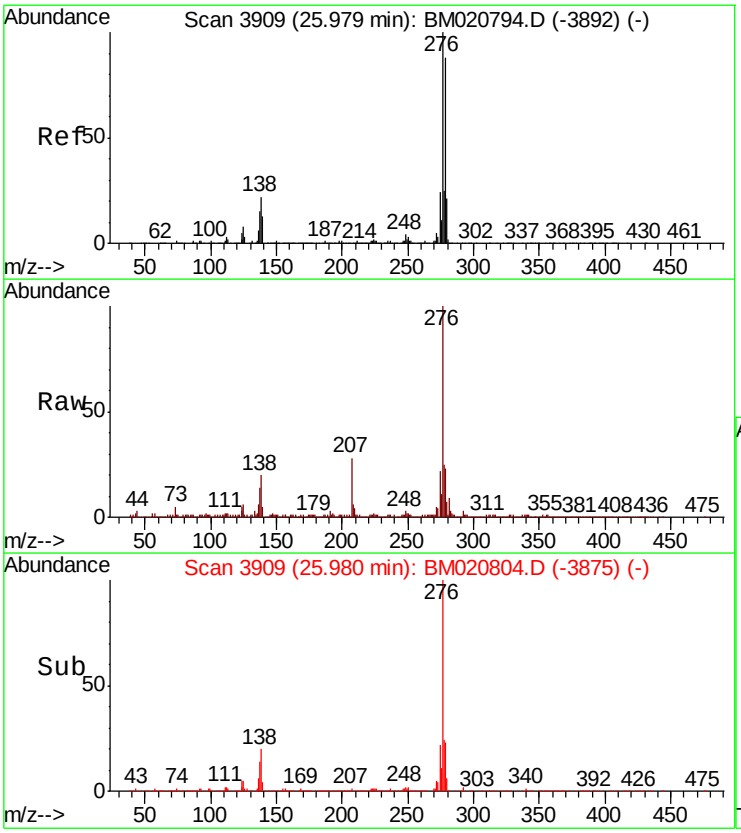
#90
Benzo(a)pyrene
Concen: 25.464 ng/ul
RT: 23.57 min Scan# 3499
Delta R.T. 0.01 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion:252 Resp: 1934251

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	10.2	8.2	12.4

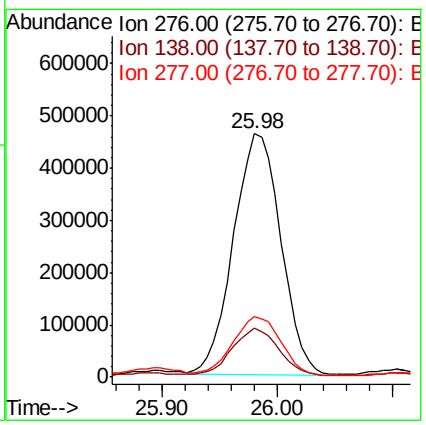


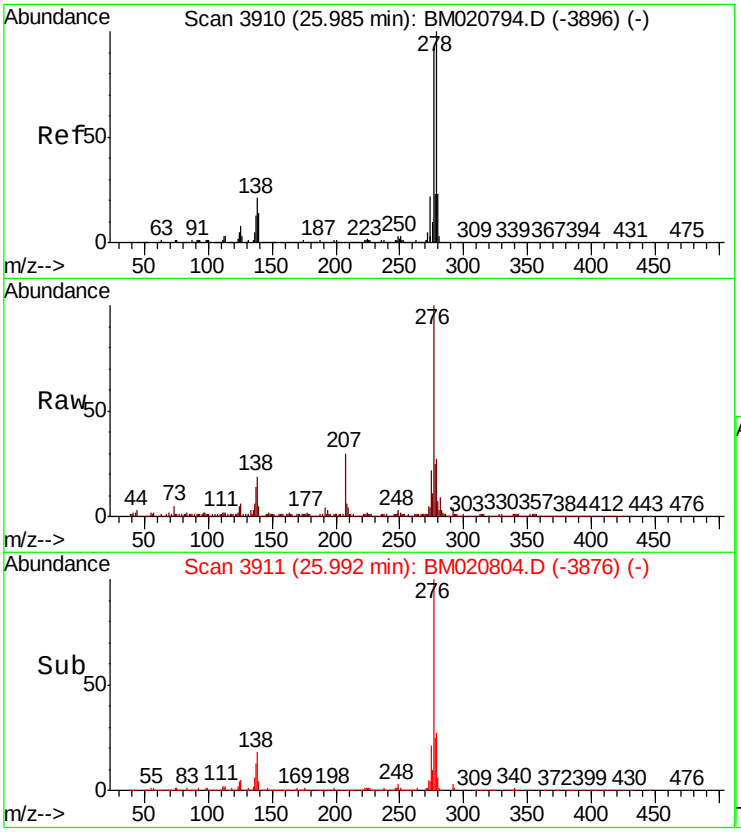


#91
Indeno(1,2,3-cd)pyrene
Concen: 14.709 ng/ul
RT: 25.98 min Scan# 3909
Delta R.T. 0.00 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Tgt Ion:276 Resp: 1319663

Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.8	26.8
277	24.7	20.0	30.0



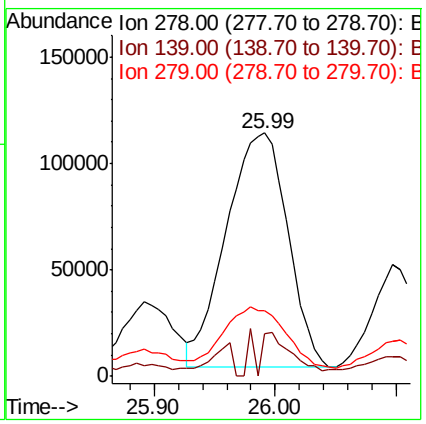


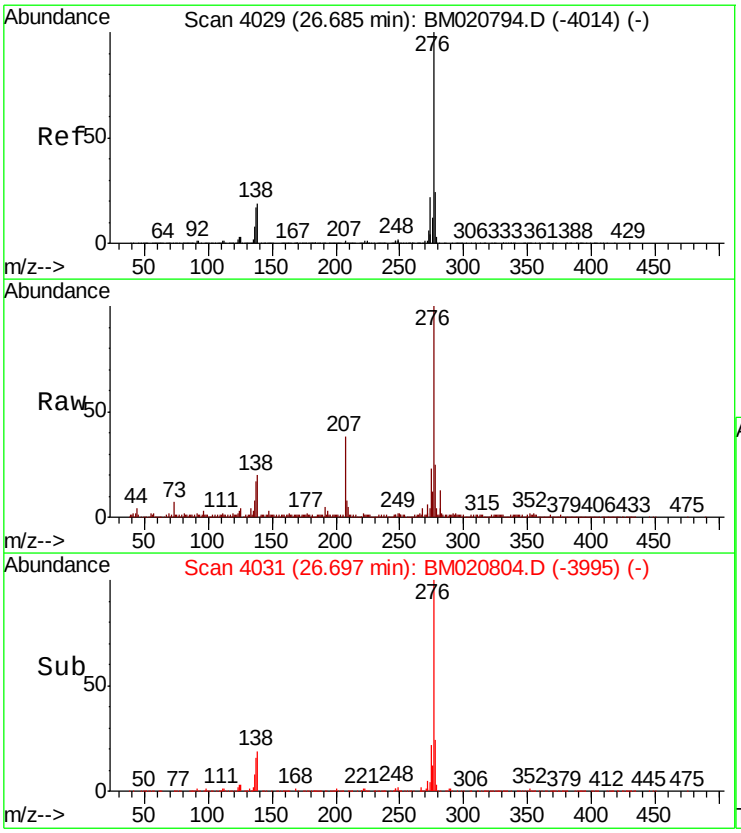
#92
Dibenzo(a,h)anthracene
Concen: 5.119 ng/ul
RT: 25.99 min Scan# 3911
Delta R.T. 0.01 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tgt Ion:278 Resp: 389107

Ion	Ratio	Lower	Upper
278	100		
139	17.5	11.6	17.4#
279	27.0	18.6	28.0





#93
Benzo(g,h,i)perylene
Concen: 13.452 ng/ul
RT: 26.70 min Scan# 4031
Delta R.T. 0.01 min
Lab File: BM020804.D
Acq: 07 Jun 2019 15:13

Tgt Ion:276 Resp: 979070

Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.6	25.0
277	24.8	19.6	29.4