Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
Data File : BM020803.D
Acq On : 07 Jun 2019 14:37
Operator : HP/JU
Sample : K3201-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

Quant Time: Jun 08 00:25:04 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	305925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1273616	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	714561	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1426515	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1209981	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	1368929	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	34899	5.44	ng/uL	0.00
5) Phenol-d5	6.97	99	753942	32.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	481806	34.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	650359	34.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	589719	31.31	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	329306	37.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	370500	41.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	676688	36.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	710663	31.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	2053734	38.86	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	2477499	36.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	243190	26.81	ng/ul	0.00
57) Fluorene-d10	15.45	176	1636920	36.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	148219	20.32	ng/ul	0.00
70) Anthracene-d10	17.30	188	2264404	36.34	ng/ul	0.00
78) Pyrene-d10	19.59	212	2168469	37.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	2178605	35.02	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	26381	1.095	ng/ul	93
28) Naphthalene	10.65	128	271702	4.542	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	169655	3.861	ng/ul	96
44) Dimethylphthalate	13.91	163	798596	15.089	ng/ul	100
47) Acenaphthylene	14.17	152	130291	2.009	ng/ul#	96
49) Acenaphthene	14.51	153	472080	10.429	ng/ul	98
53) Dibenzofuran	14.85	168	538763	8.415	ng/ul	100
58) Fluorene	15.50	166	540988	10.525	ng/ul	99
69) Phenanthrene	17.24	178	6341729	88.333	ng/ul	99
71) Anthracene	17.33	178	1723546	23.421	ng/ul	99
74) Carbazole	17.60	167	706479	11.039	ng/ul	99
76) Fluoranthene	19.26	202	7111980	86.443	ng/ul	100
79) Pyrene	19.62	202	5838433	78.169	ng/ul	97
80) Butylbenzylphthalate	20.52	149	31344	1.030	ng/ul#	71
82) Benzo(a)anthracene	21.36	228	3694829	48.951	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.29	149	258116	5.028	ng/ul	100
84) Chrysene	21.42	228	3154513	45.040	ng/ul	97
87) Benzo(b)fluoranthene	22.98	252	3850483	48.352	ng/ul	99
88) Benzo(k)fluoranthene	22.98	252	3850483	50.586	ng/ul	99
90) Benzo(a)pyrene	23.57	252	2623987	34.634	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.98	276	1574132	17.591	ng/ul	97
92) Dibenzo(a,h)anthracene	25.98	278	518958	6.845	ng/ul#	89
93) Benzo(g,h,i)perylene	26.70	276	1093240	15.059	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
Data File : BM020803.D
Acq On : 07 Jun 2019 14:37
Operator : HP/JU
Sample : K3201-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC2

Quant Time: Jun 08 00:25:04 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
Data File : BM020803.D
Acq On : 07 Jun 2019 14:37
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Sample : K3201-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

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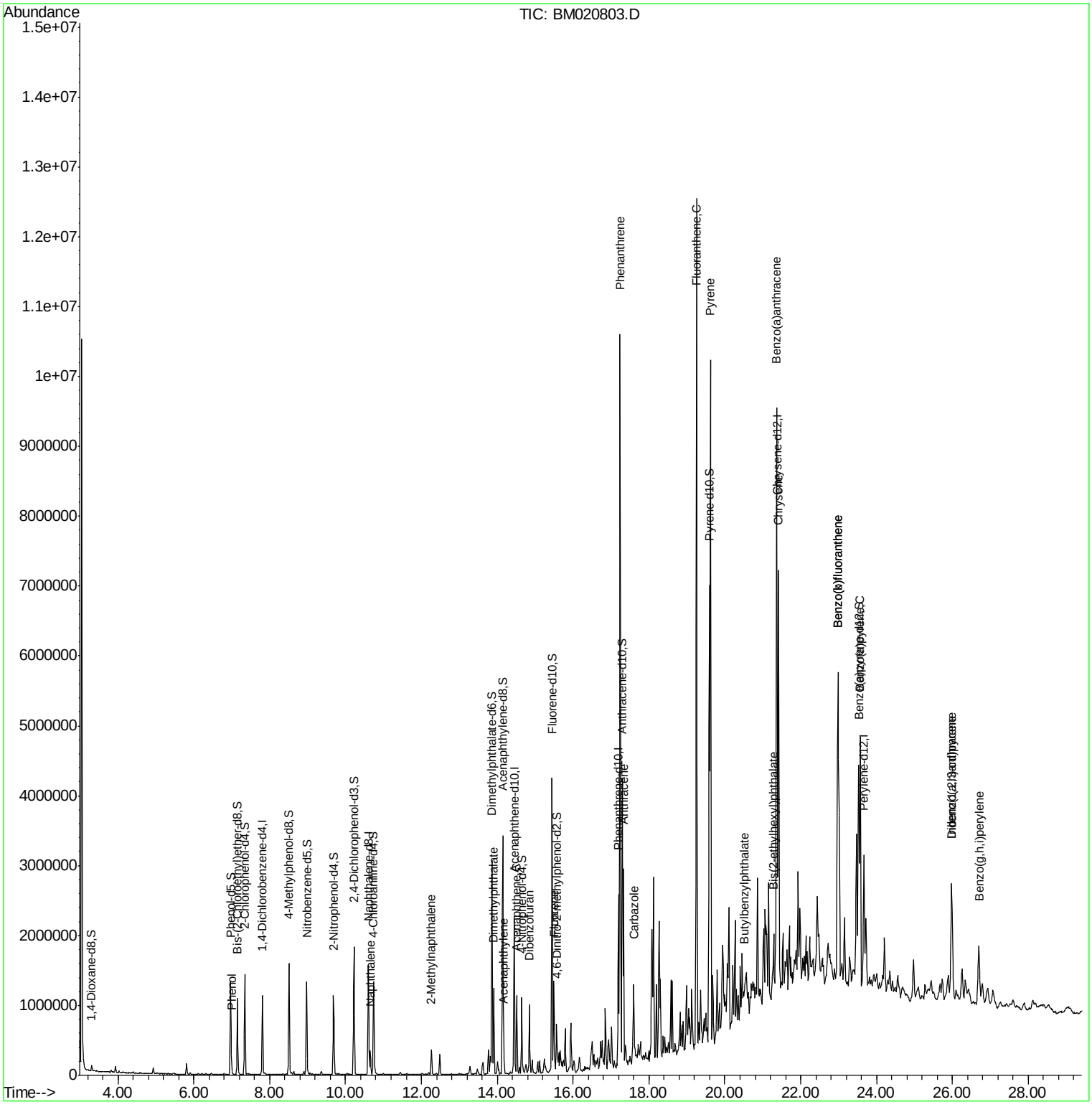
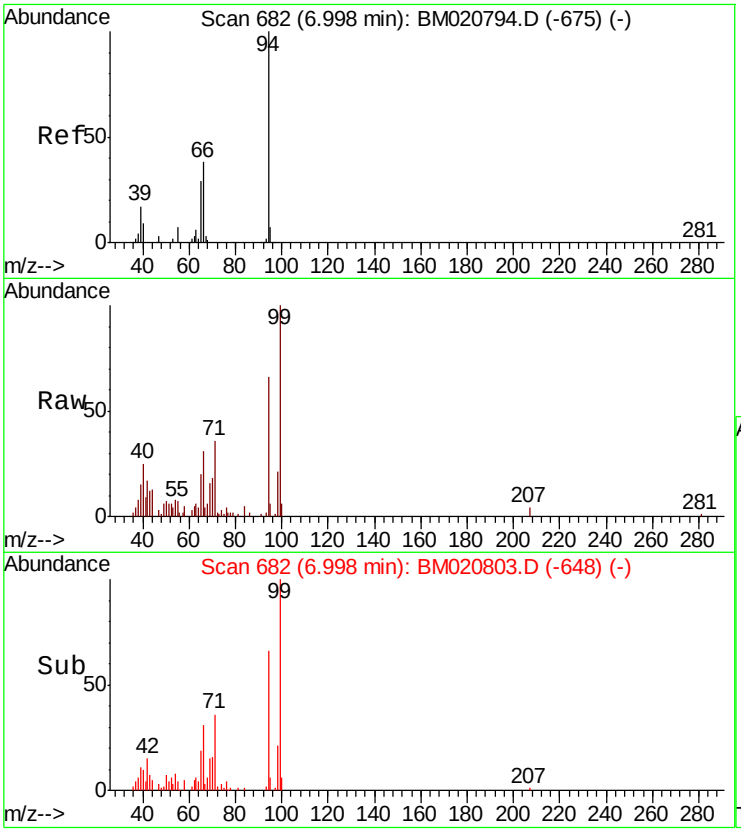
Quant Time: Jun 08 00:25:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 08 00:20:16 2019
Response via : Initial Calibration



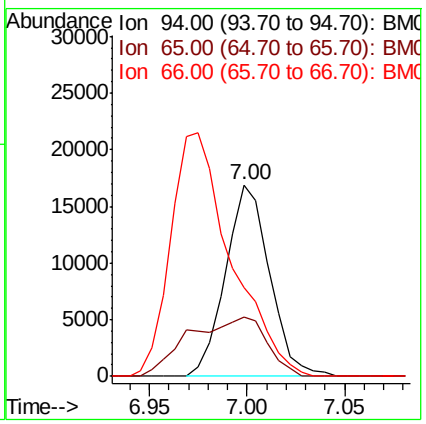


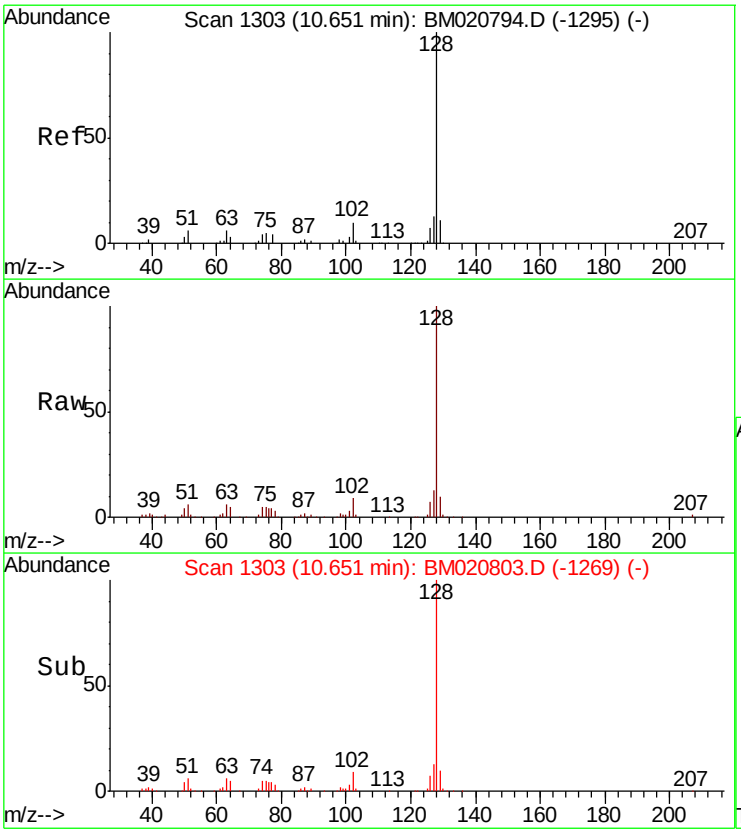
#6
Phenol
Concen: 1.095 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. 0.00 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion: 94 Resp: 26381

Ion	Ratio	Lower	Upper
94	100		
65	30.9	23.3	34.9
66	46.4	32.1	48.1

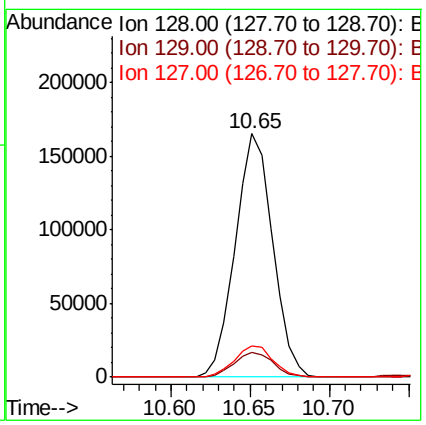


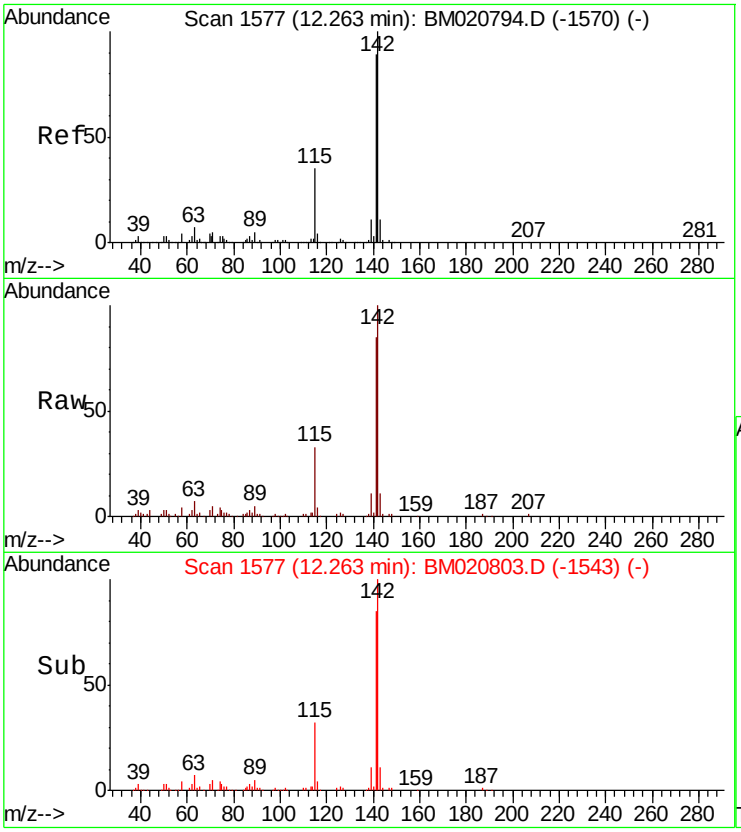


#28
Naphthalene
Concen: 4.542 ng/ul
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Tgt Ion:128 Resp: 271702

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	13.0
127	12.7	10.2	15.2



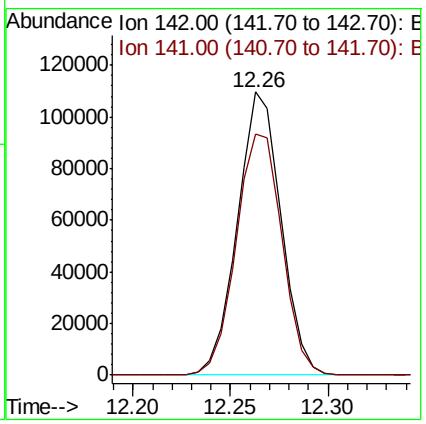


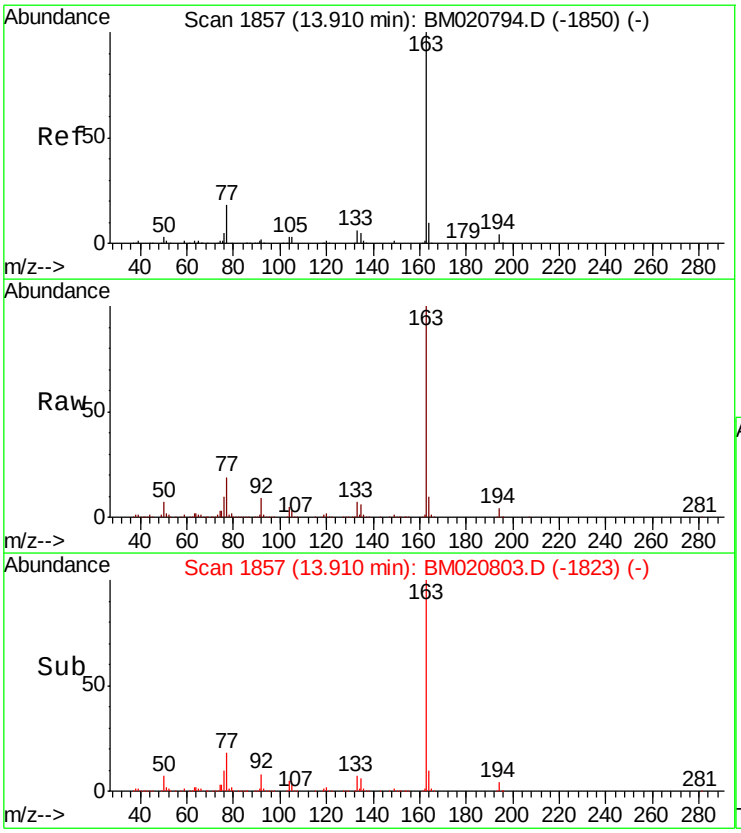
#34
2-Methylnaphthalene
Concen: 3.861 ng/ul
RT: 12.26 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:142 Resp: 169655

Ion	Ratio	Lower	Upper
142	100		
141	85.3	71.4	107.0

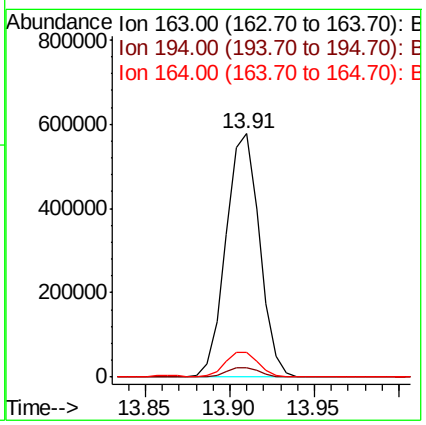


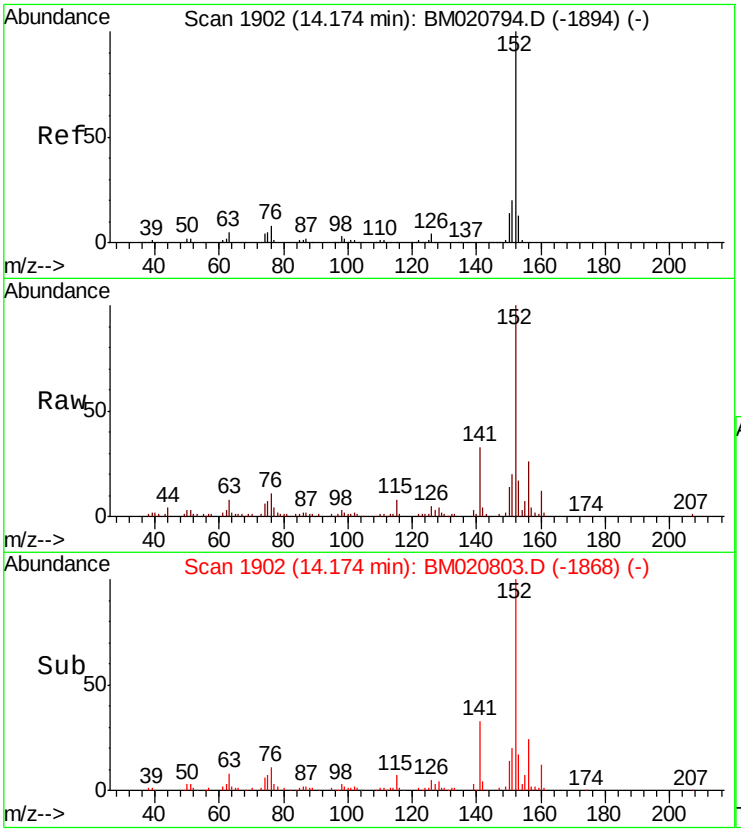


#44
Dimethylphthalate
Concen: 15.089 ng/ul
RT: 13.91 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Tgt Ion:163 Resp: 798596

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	8.0	12.0



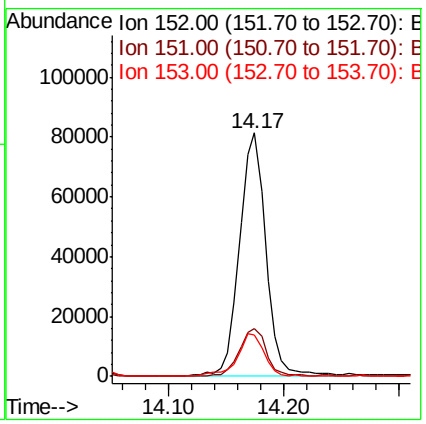


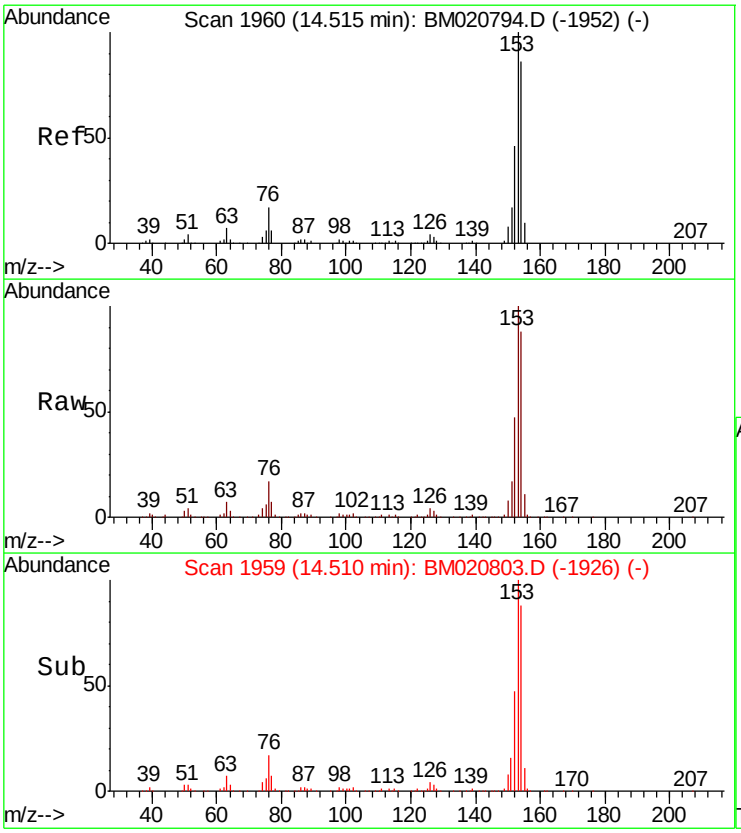
#47
Acenaphthylene
Concen: 2.009 ng/ul
RT: 14.17 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:152 Resp: 130291

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	16.8	10.6	15.8#

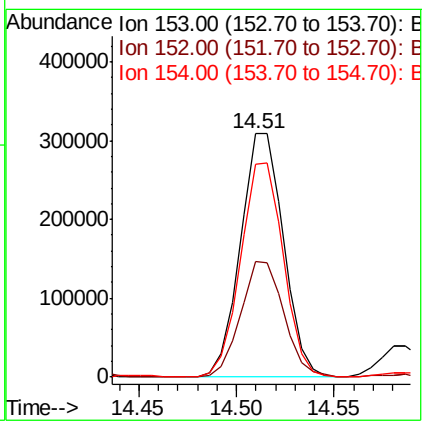


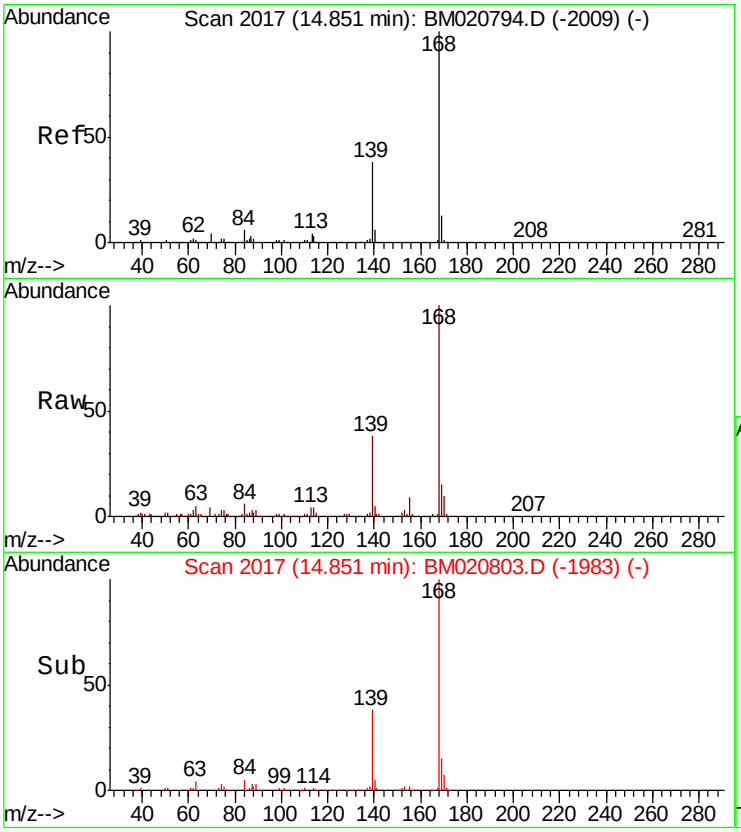


#49
Acenaphthene
Concen: 10.429 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Tgt Ion:153 Resp: 472080

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.3	55.9
154	87.6	68.7	103.1



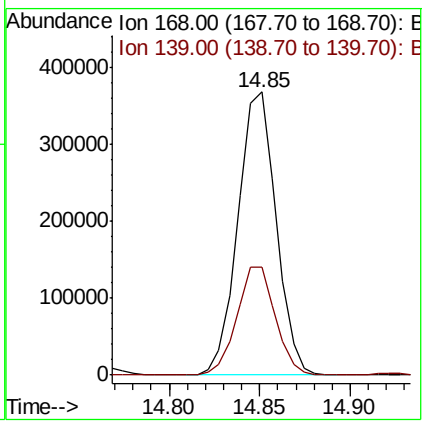


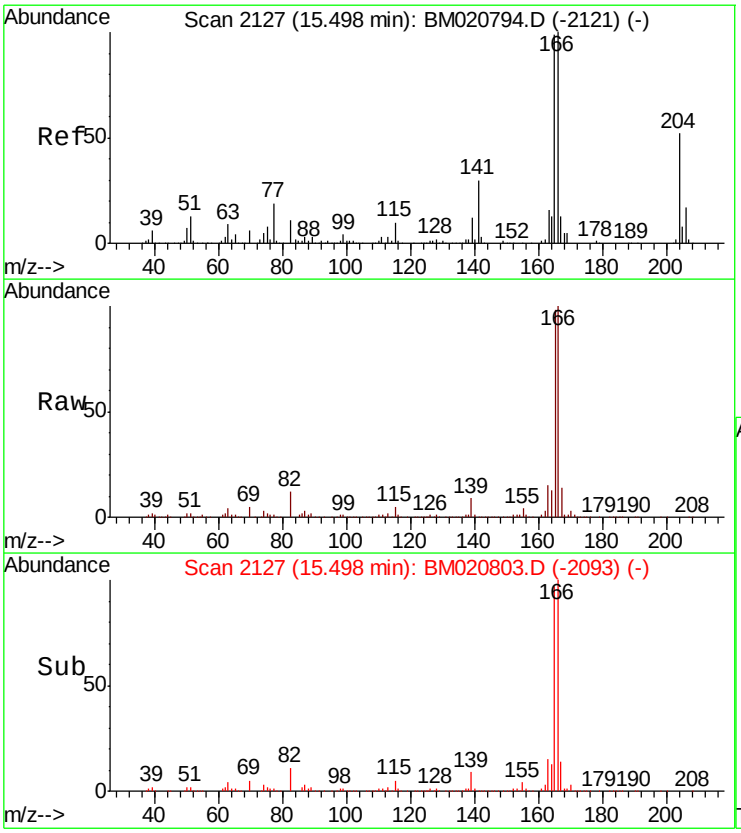
#53
Dibenzofuran
Concen: 8.415 ng/ul
RT: 14.85 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:168 Resp: 538763

Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.4	45.6

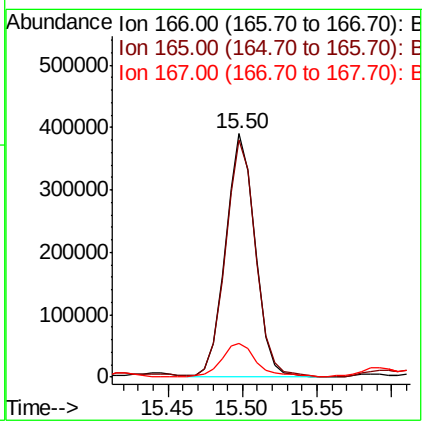


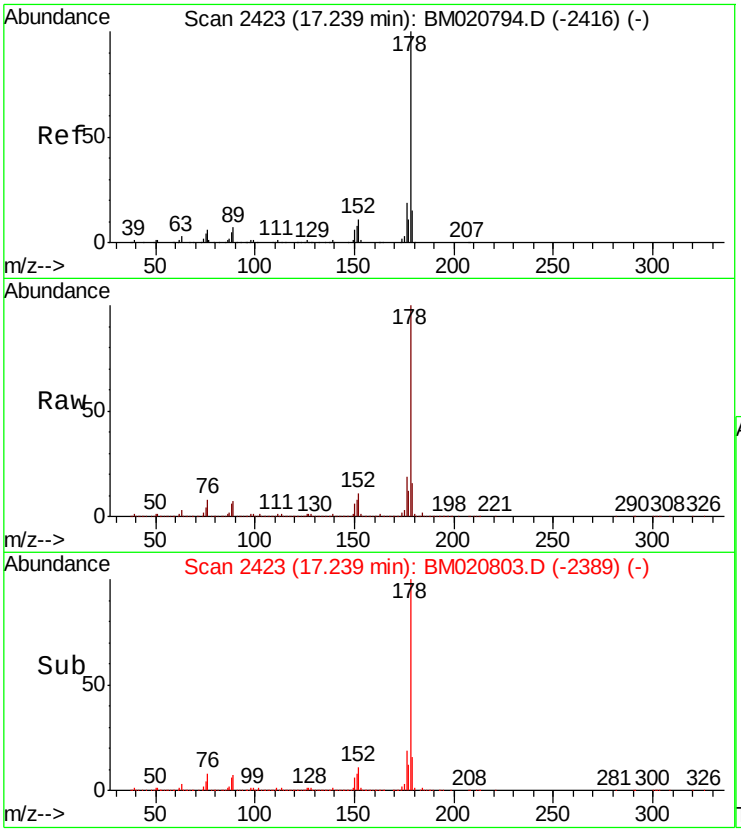


#58
Fluorene
Concen: 10.525 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Tgt Ion:166 Resp: 540988

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.9	10.8	16.2



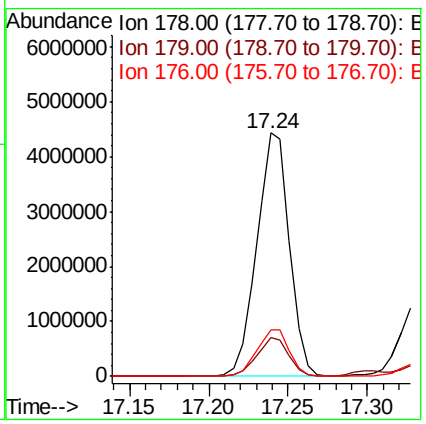


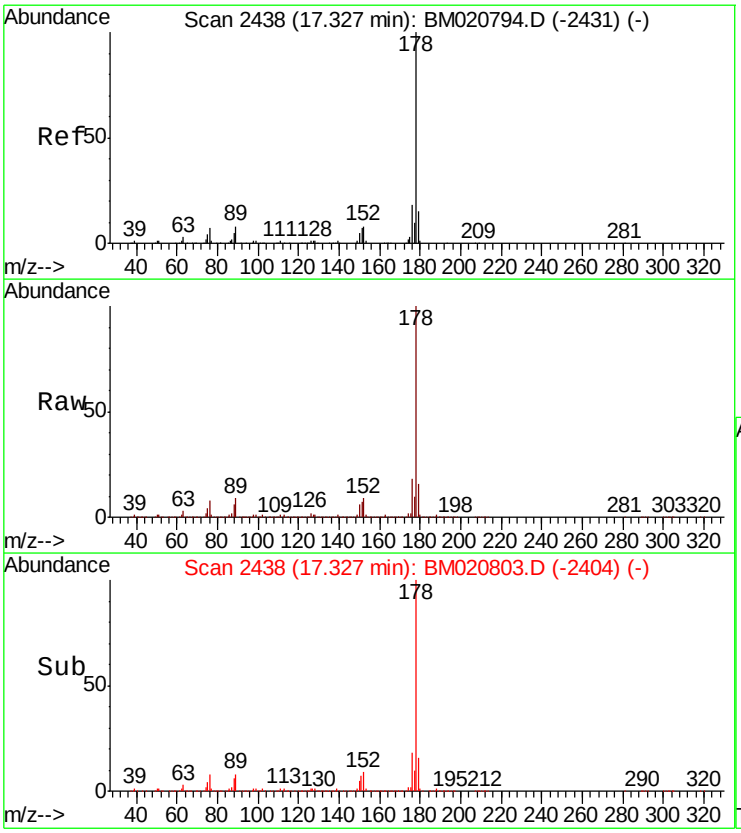
#69
Phenanthrene
Concen: 88.333 ng/ul
RT: 17.24 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:178 Resp: 6341729

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.3	14.8	22.2

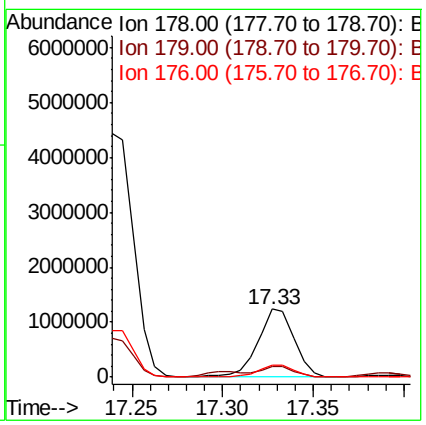


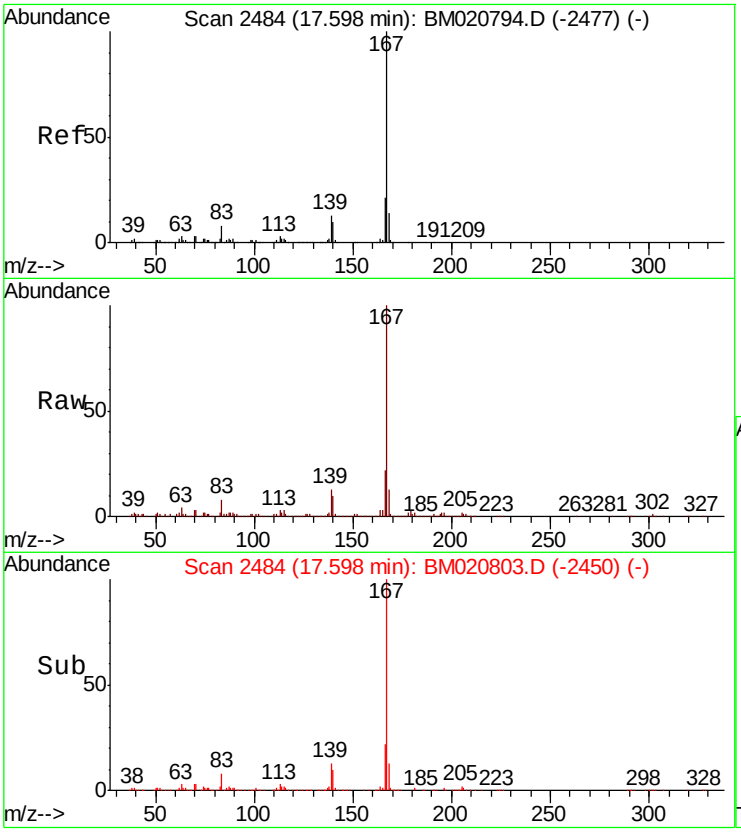


#71
Anthracene
Concen: 23.421 ng/ul
RT: 17.33 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Tgt Ion:178 Resp: 1723546

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.1	14.9	22.3



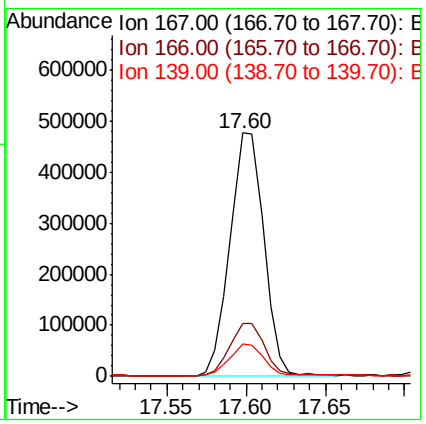


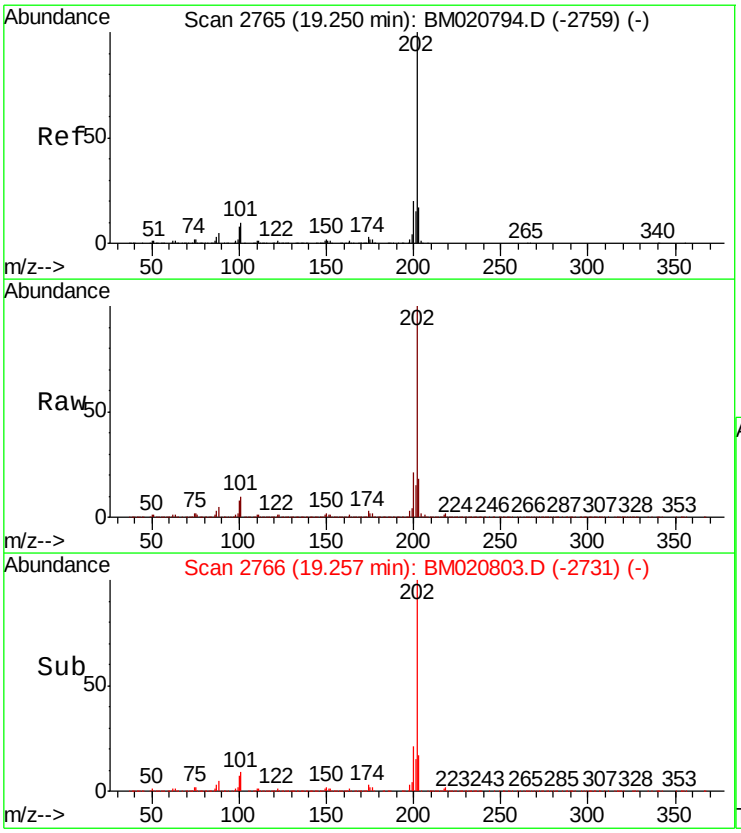
#74
Carbazole
Concen: 11.039 ng/ul
RT: 17.60 min Scan# 2484
Delta R.T. 0.00 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:167 Resp: 706479

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.6
139	13.2	10.5	15.7

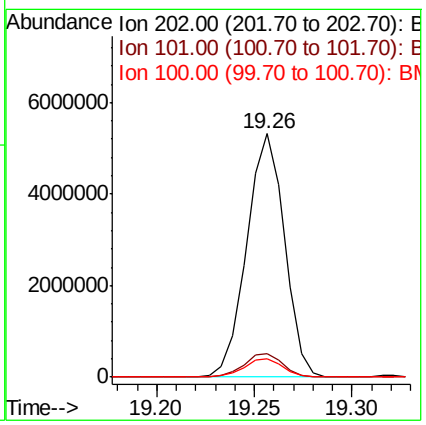


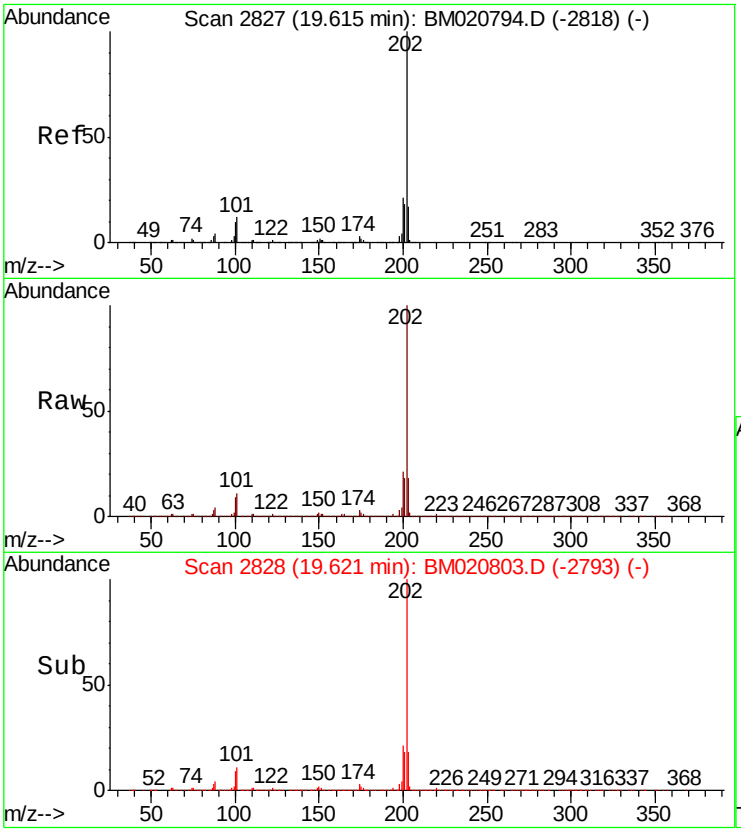


#76
Fluoranthene
Concen: 86.443 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. 0.01 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Tgt Ion:202 Resp: 7111980

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.9	11.9
100	7.6	6.2	9.4



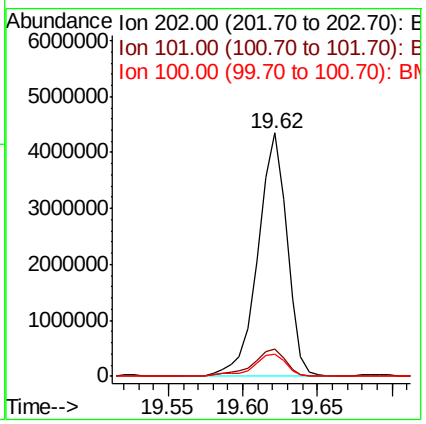


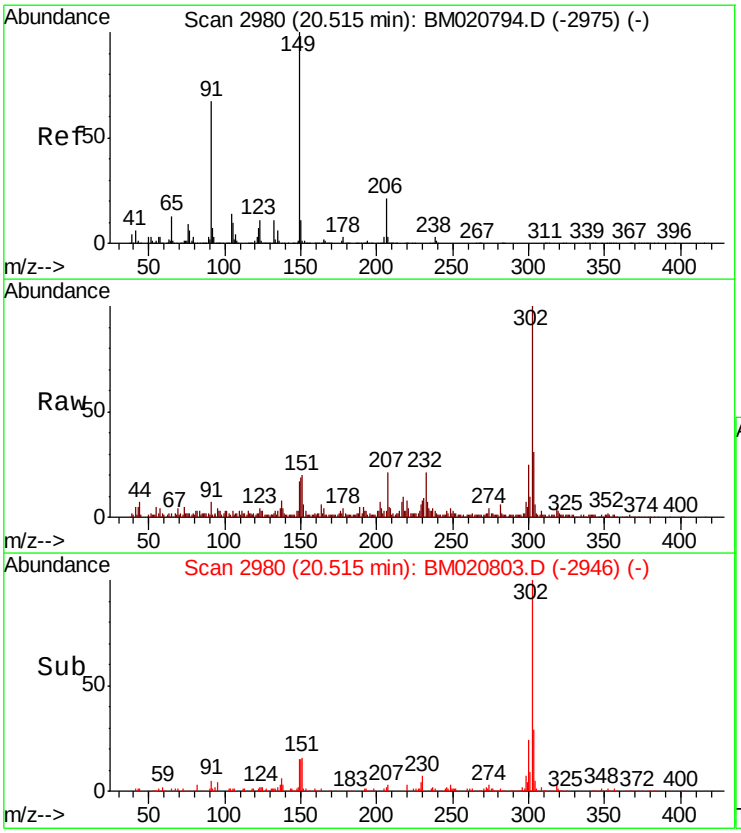
#79
Pyrene
Concen: 78.169 ng/ul
RT: 19.62 min Scan# 2828
Delta R.T. 0.01 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:202 Resp: 5838433

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.6
100	9.1	8.0	12.0

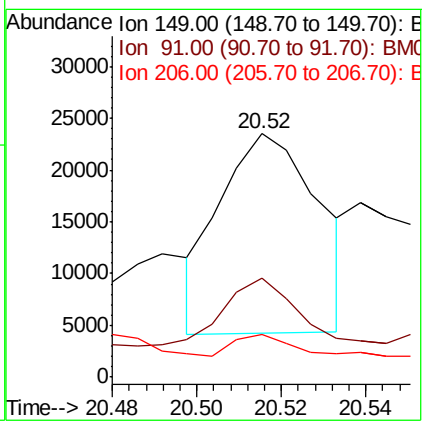


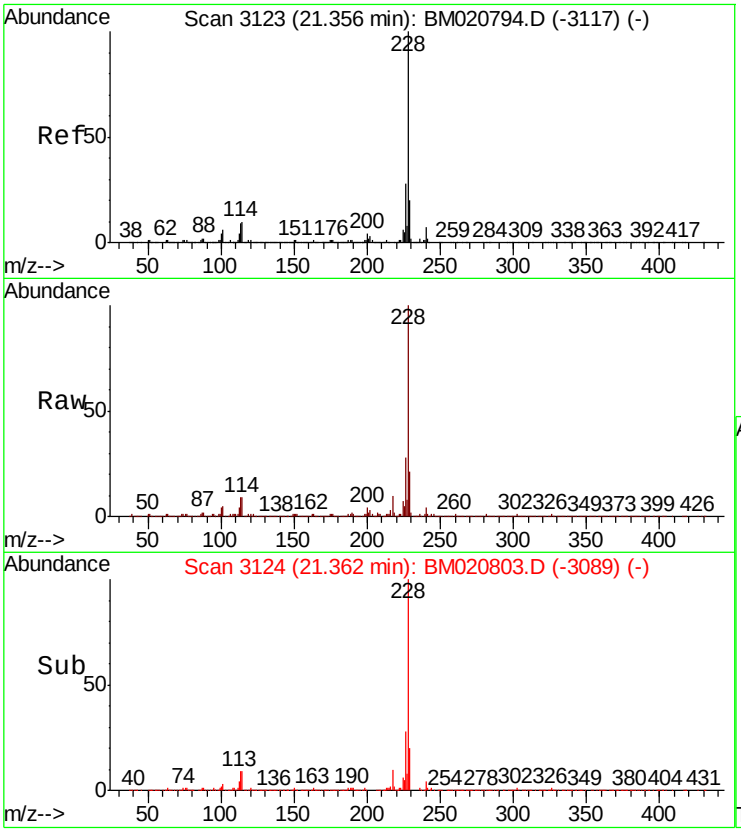


#80
Butylbenzylphthalate
Concen: 1.030 ng/ul
RT: 20.52 min Scan# 2980
Delta R.T. 0.00 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Tgt Ion:149 Resp: 31344

Ion	Ratio	Lower	Upper
149	100		
91	40.6	55.8	83.6#
206	17.6	16.2	24.4



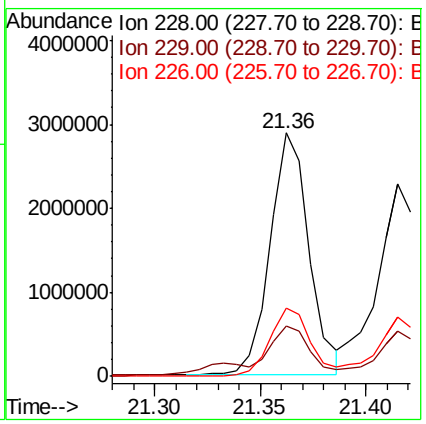


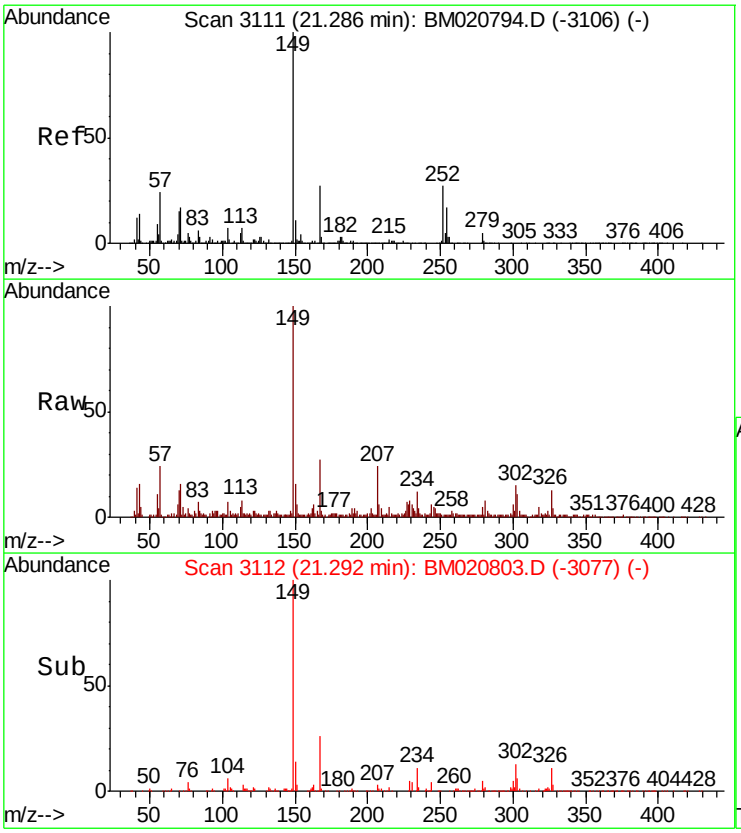
#82
Benzo(a)anthracene
Concen: 48.951 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:228 Resp: 3694829

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	27.8	21.4	32.2

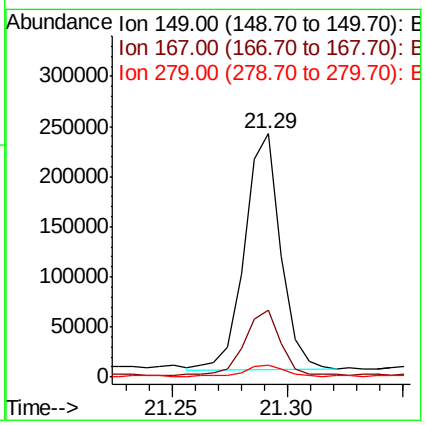


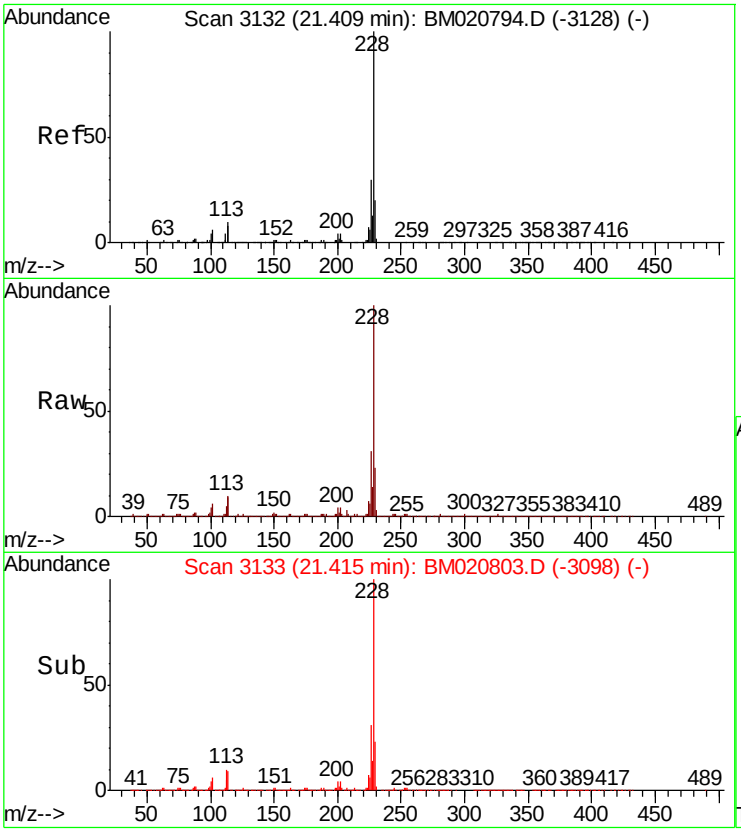


#83
Bis(2-ethylhexyl)phthalate
Concen: 5.028 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Tgt Ion:149 Resp: 258116

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	5.2	4.1	6.1



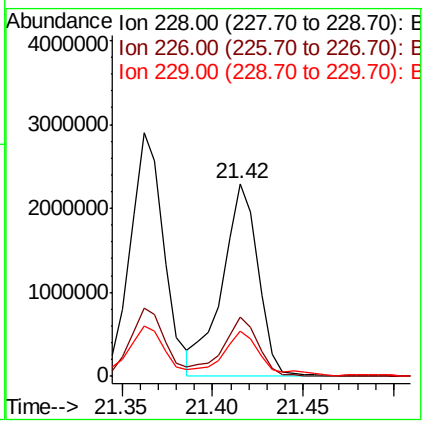


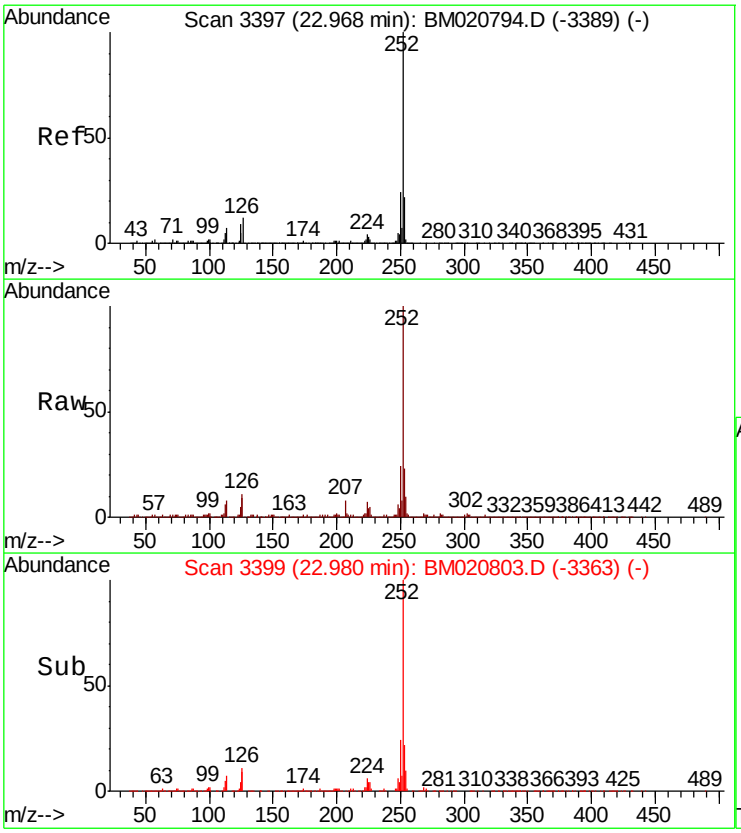
#84
Chrysene
Concen: 45.040 ng/ul
RT: 21.42 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:228 Resp: 3154513

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	23.3	16.2	24.2

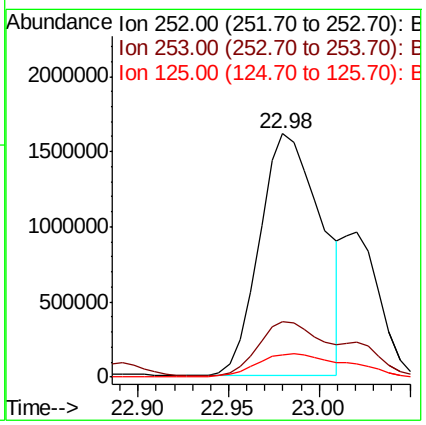


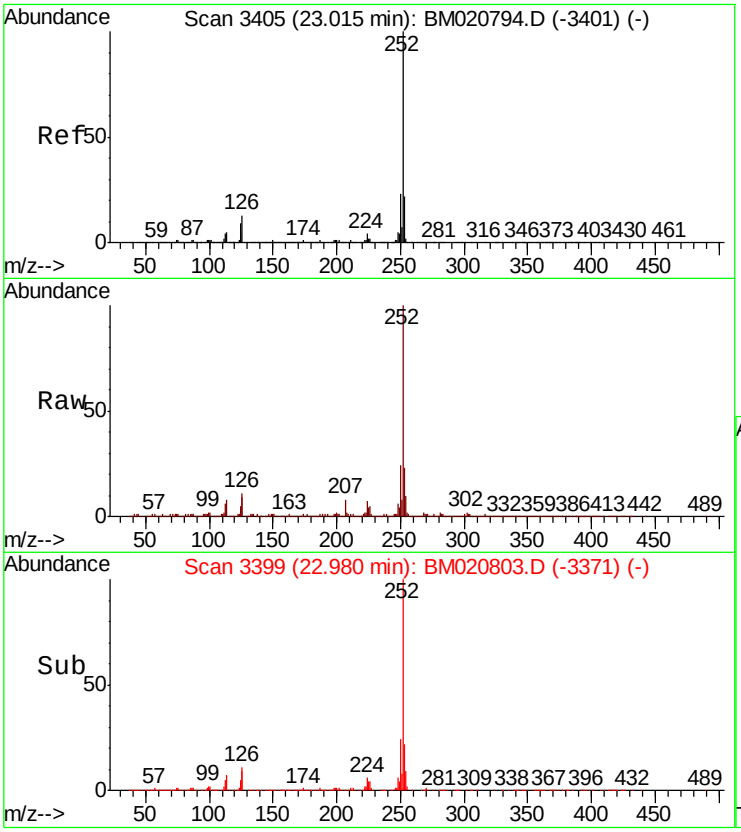


#87
Benzo(b)fluoranthene
Concen: 48.352 ng/ul
RT: 22.98 min Scan# 3399
Delta R.T. 0.01 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Tgt Ion:252 Resp: 3850483

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	9.3	7.3	10.9



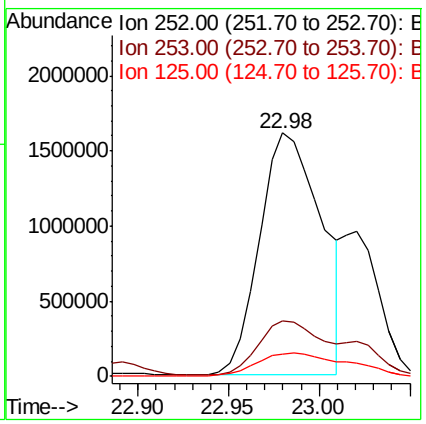


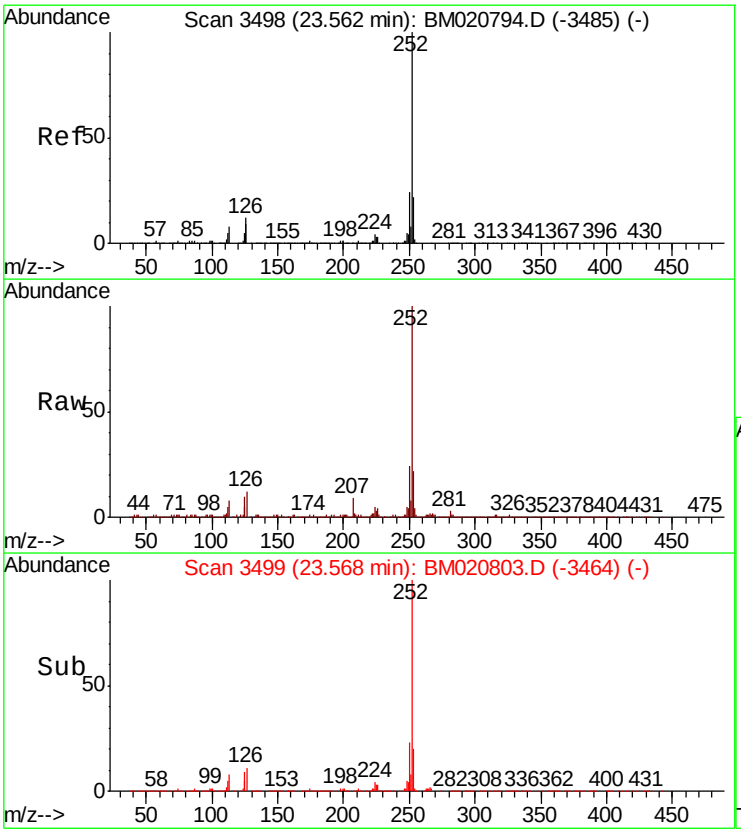
#88
Benzo(k)fluoranthene
Concen: 50.586 ng/ul
RT: 22.98 min Scan# 3399
Delta R.T. -0.04 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:252 Resp: 3850483

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	9.3	7.3	10.9

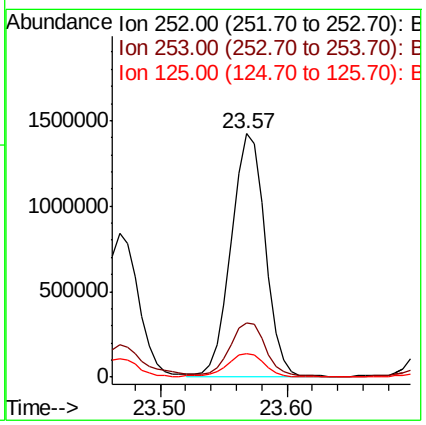


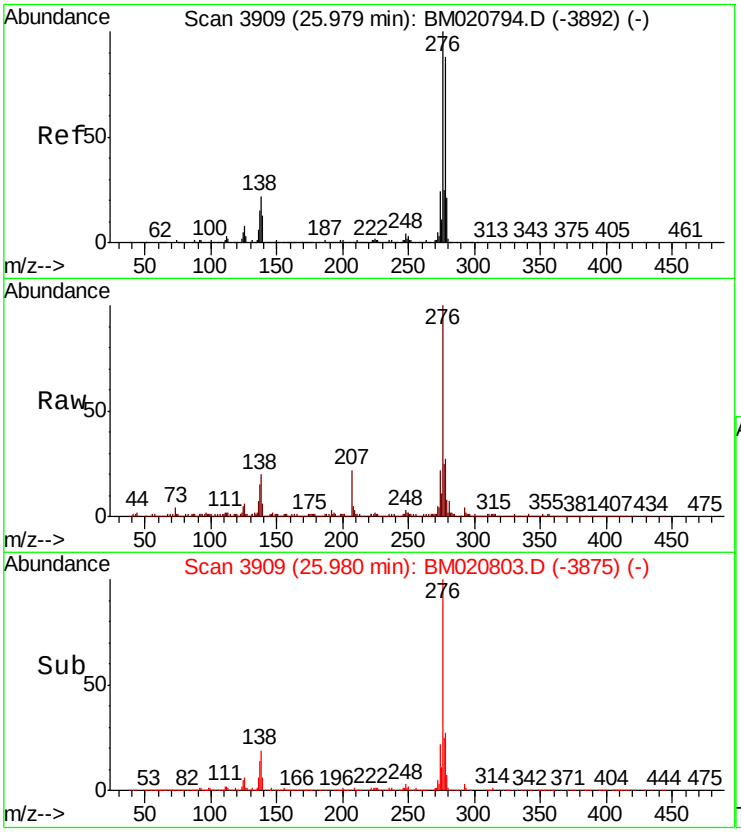


#90
Benzo(a)pyrene
Concen: 34.634 ng/ul
RT: 23.57 min Scan# 3499
Delta R.T. 0.01 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Tgt Ion:252 Resp: 2623987

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.9	8.2	12.4



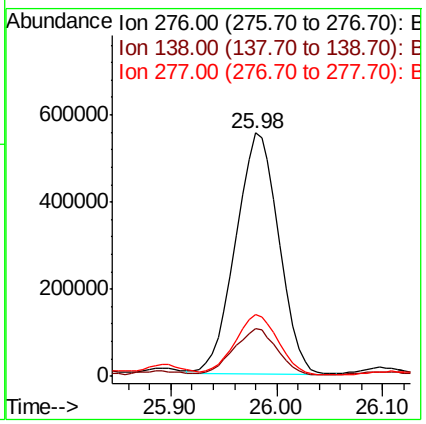


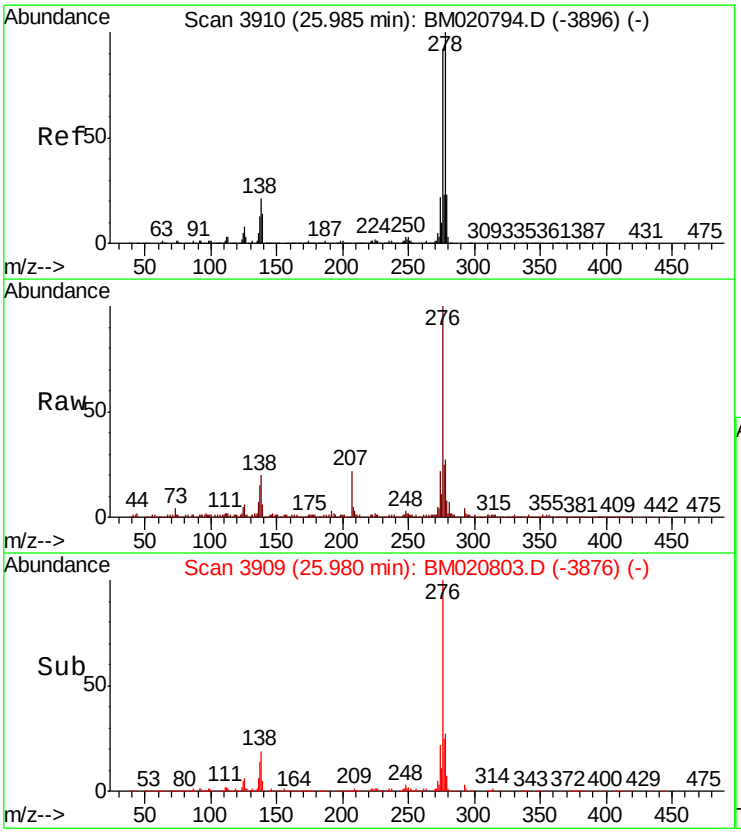
#91
Indeno(1,2,3-cd)pyrene
Concen: 17.591 ng/ul
RT: 25.98 min Scan# 3909
Delta R.T. 0.00 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:276 Resp: 1574132

Ion	Ratio	Lower	Upper
276	100		
138	19.7	17.8	26.8
277	25.5	20.0	30.0

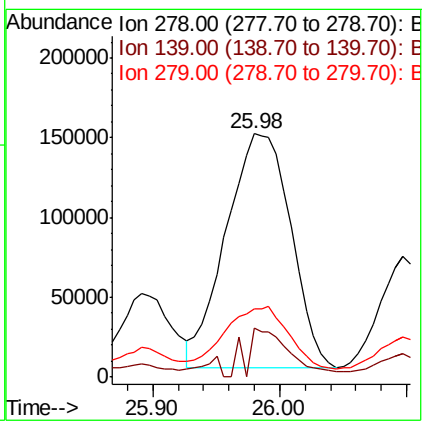


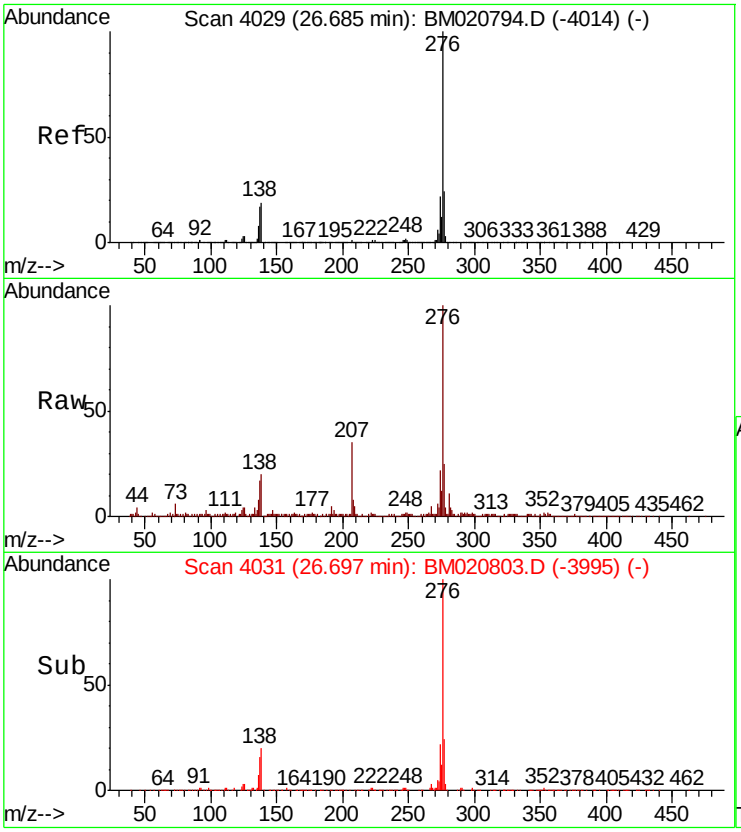


#92
Dibenzo(a,h)anthracene
Concen: 6.845 ng/ul
RT: 25.98 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Tgt Ion:278 Resp: 518958

Ion	Ratio	Lower	Upper
278	100		
139	20.4	11.6	17.4#
279	27.9	18.6	28.0





#93
Benzo(g,h,i)perylene
Concen: 15.059 ng/ul
RT: 26.70 min Scan# 4031
Delta R.T. 0.01 min
Lab File: BM020803.D
Acq: 07 Jun 2019 14:37

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:276 Resp: 1093240

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.6	25.0
277	25.1	19.6	29.4