Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020781.D
Acq On : 07 Jun 2019 01:50
Operator : HP/JU
Sample : K3201-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jun 07 06:38:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 06:35:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	276516	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1132529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	627390	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1375754	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1291030	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1497993	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	34483	5.95	ng/uL	0.00
5) Phenol-d5	6.97	99	784755	37.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	475895	37.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	647888	38.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	611783	35.94	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	318238	41.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	344400	43.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	664912	40.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	635207	31.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	2019293	43.51	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	2484475	42.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	253085	31.78	ng/ul	0.00
57) Fluorene-d10	15.44	176	1697859	43.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	209422	29.77	ng/ul	0.00
70) Anthracene-d10	17.29	188	2566480	42.71	ng/ul	0.00
78) Pyrene-d10	19.59	212	2641015	42.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	2772820	40.73	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	42436	1.948	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.51	70	15660	1.131	ng/ul#	1
28) Naphthalene	10.65	128	91567	1.721	ng/ul	97
34) 2-Methylnaphthalene	12.26	142	54610	1.398	ng/ul	93
44) Dimethylphthalate	13.90	163	706606	15.206	ng/ul	99
47) Acenaphthylene	14.17	152	198776	3.491	ng/ul	99
49) Acenaphthene	14.51	153	128448	3.232	ng/ul	97
53) Dibenzofuran	14.85	168	129835	2.310	ng/ul	100
58) Fluorene	15.50	166	121807	2.699	ng/ul	99
69) Phenanthrene	17.24	178	3131007	45.221	ng/ul	99
71) Anthracene	17.33	178	587786	8.282	ng/ul	100
74) Carbazole	17.60	167	272453	4.414	ng/ul	99
76) Fluoranthene	19.25	202	5891306	74.249	ng/ul	100
79) Pyrene	19.62	202	5265409	66.071	ng/ul	98
82) Benzo(a)anthracene	21.36	228	2981475	37.020	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.29	149	515178	9.405	ng/ul	100
84) Chrysene	21.41	228	3015053	40.346	ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	4110210	47.166	ng/ul	98
88) Benzo(k)fluoranthene	22.97	252	4110210	49.346	ng/ul	98
90) Benzo(a)pyrene	23.56	252	2731052	32.942	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.97	276	1971810	20.137	ng/ul	97
92) Dibenzo(a,h)anthracene	25.97	278	543611	6.552	ng/ul#	94
93) Benzo(g,h,i)perylene	26.68	276	1496246	18.835	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020781.D
Acq On : 07 Jun 2019 01:50
Operator : HP/JU
Sample : K3201-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 07 06:38:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 06:35:27 2019
Response via : Initial Calibration

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

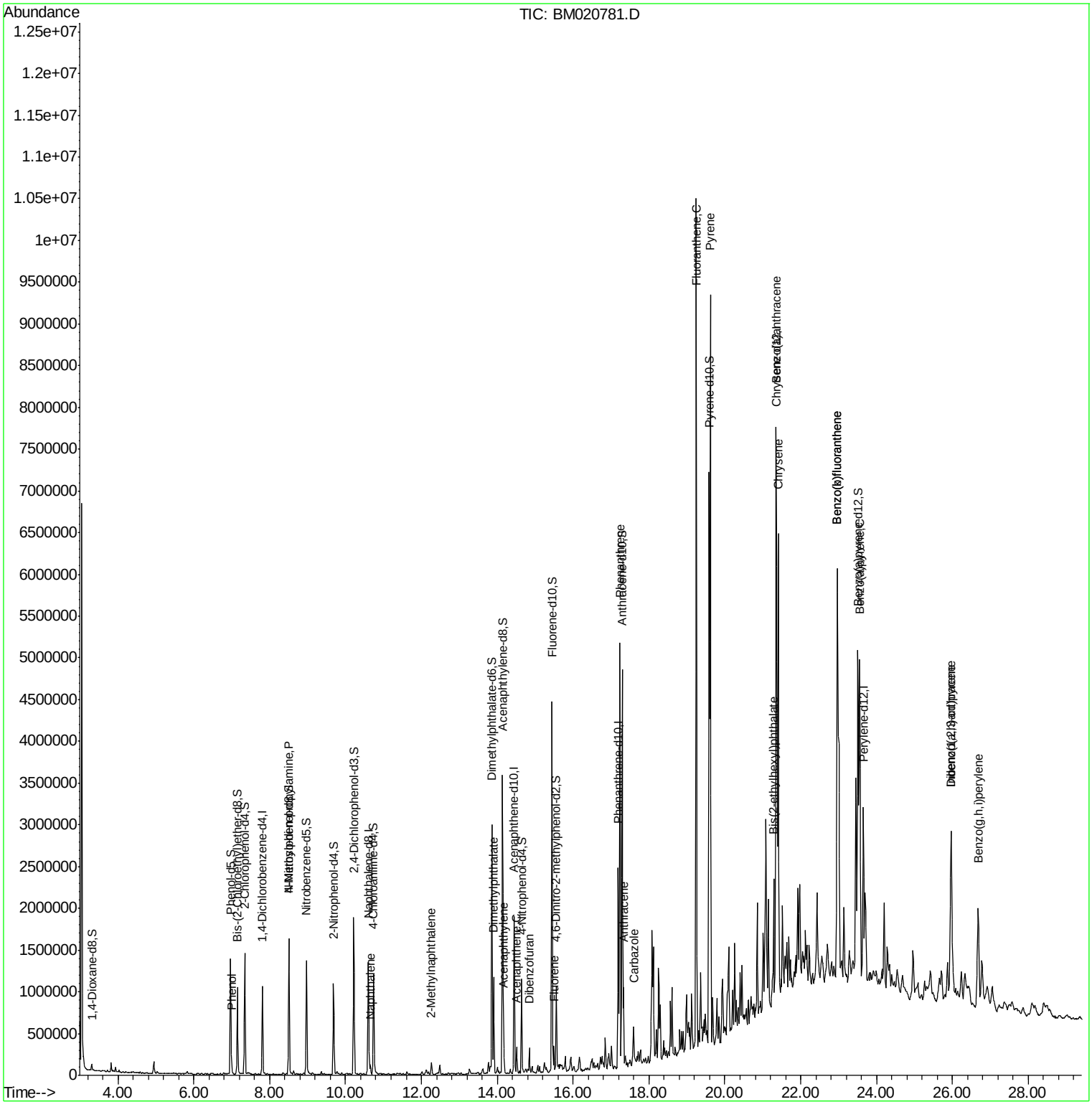
(#) = qualifier out of range (m) = manual integration (+) = signals summed

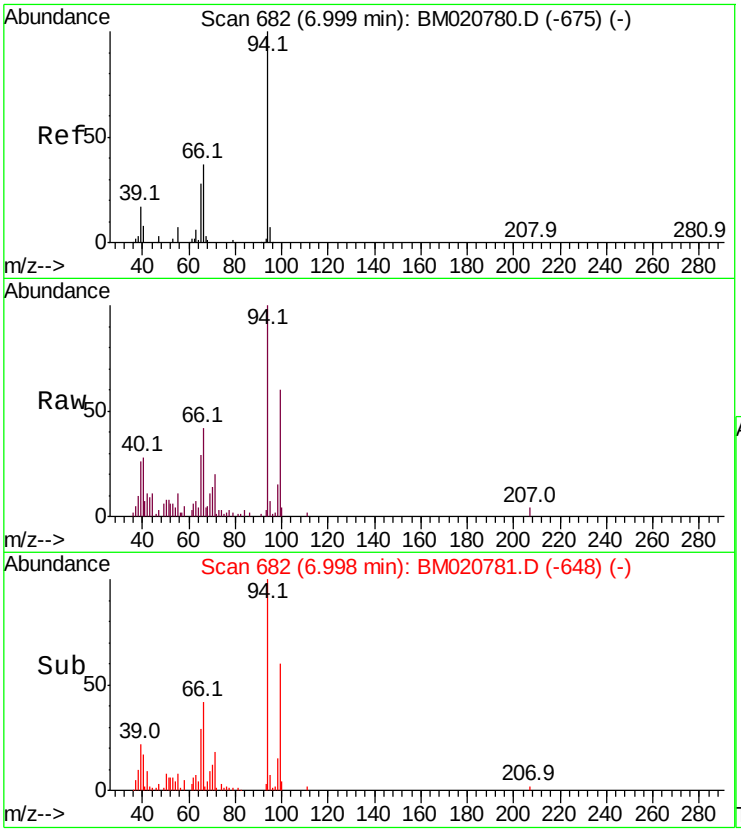
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020781.D
Acq On : 07 Jun 2019 01:50
Operator : HP/JU
Sample : K3201-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 07 06:38:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 06:35:27 2019
Response via : Initial Calibration



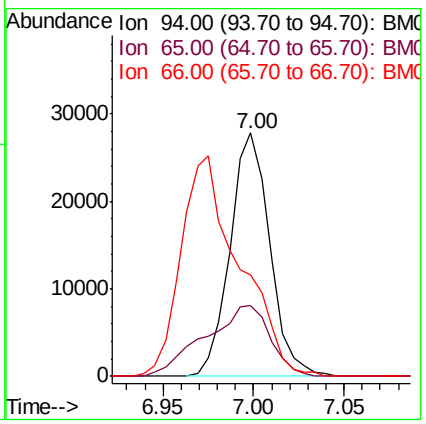


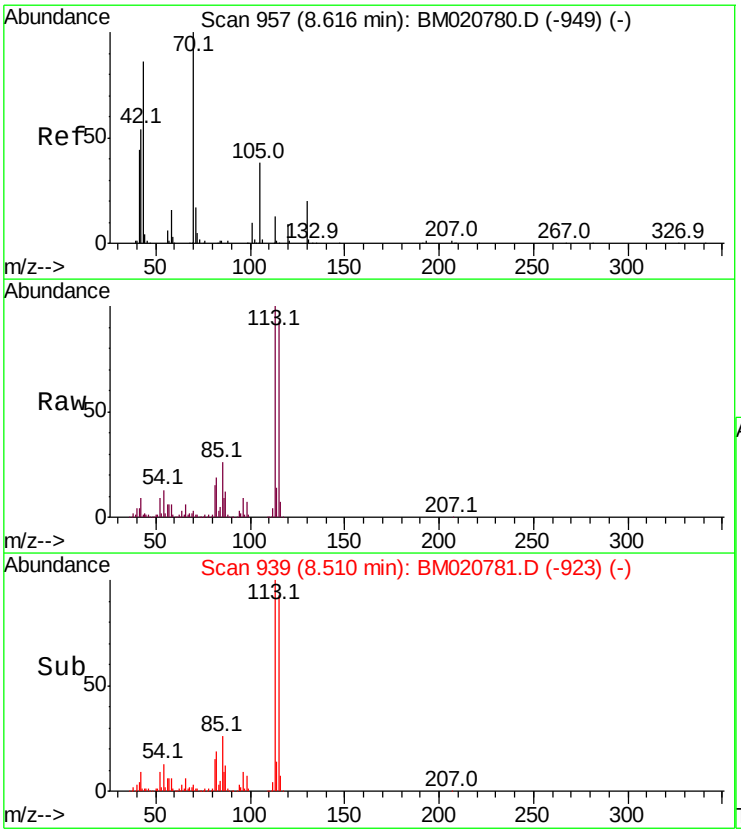
#6
Phenol
Concen: 1.948 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. -0.00 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 42436

Ion	Ratio	Lower	Upper
94	100		
65	28.9	23.3	34.9
66	41.7	32.1	48.1

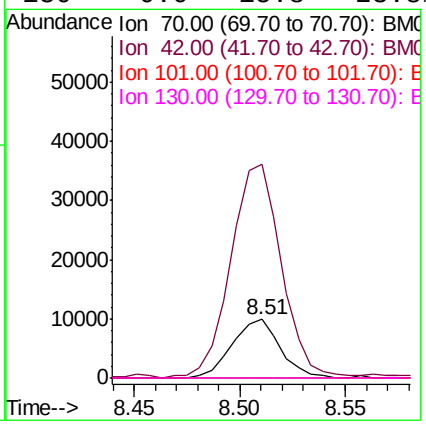


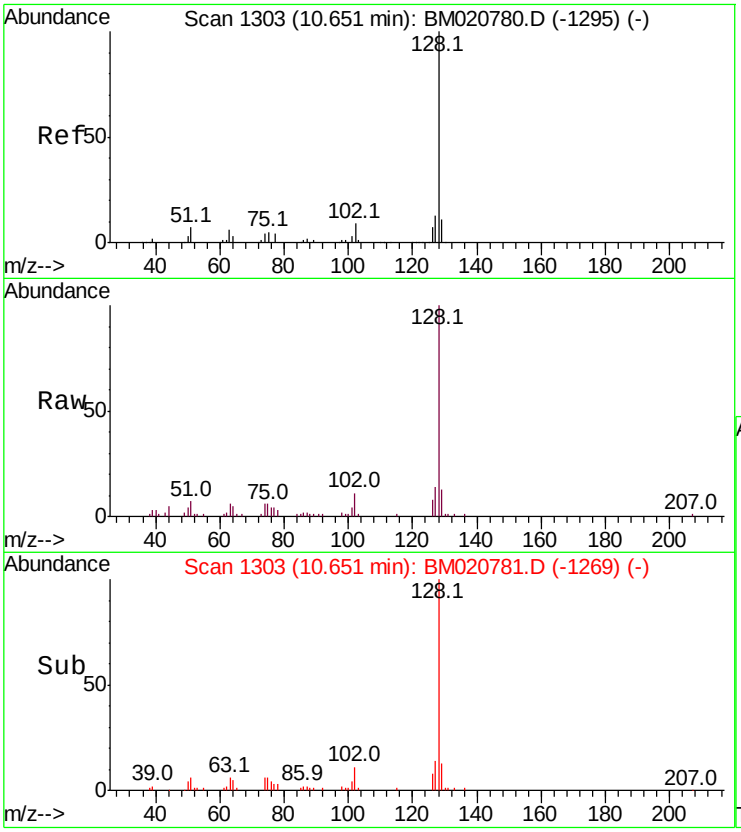


#15
N-Nitroso-di-n-propylamine
Concen: 1.131 ng/ul
RT: 8.51 min Scan# 939
Delta R.T. -0.11 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Tgt Ion: 70 Resp: 15660

Ion	Ratio	Lower	Upper
70	100		
42	364.2	43.6	65.4#
101	0.0	8.2	12.2#
130	0.0	15.8	23.8#



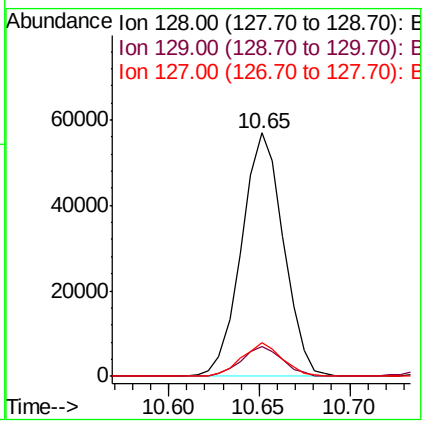


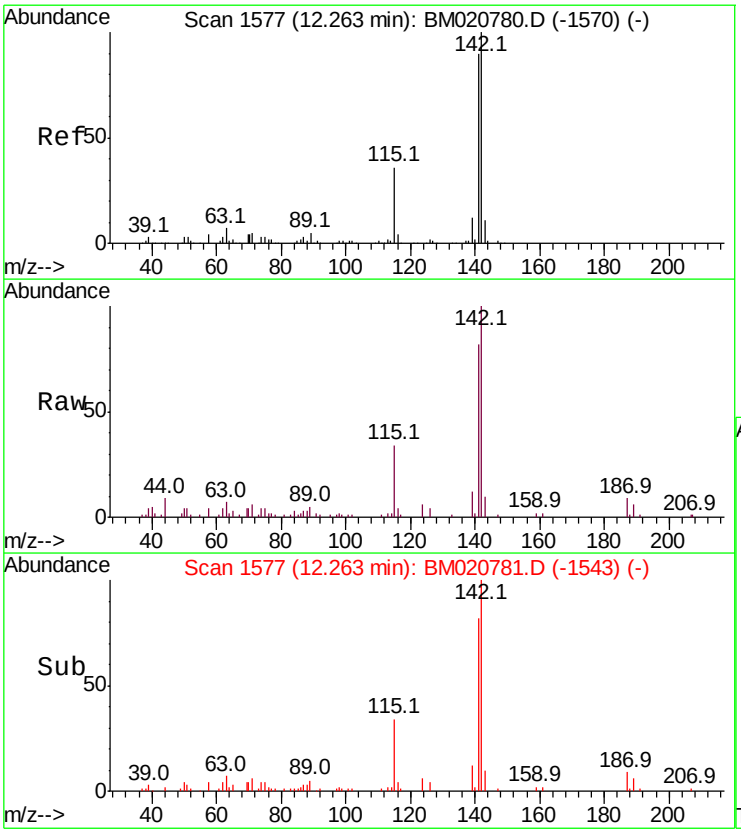
#28
Naphthalene
Concen: 1.721 ng/ul
RT: 10.65 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 91567

Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.6	13.0
127	13.6	10.2	15.2

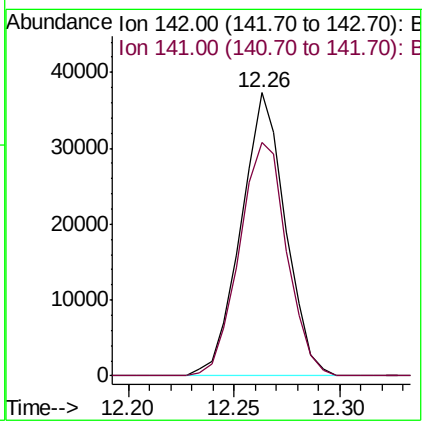


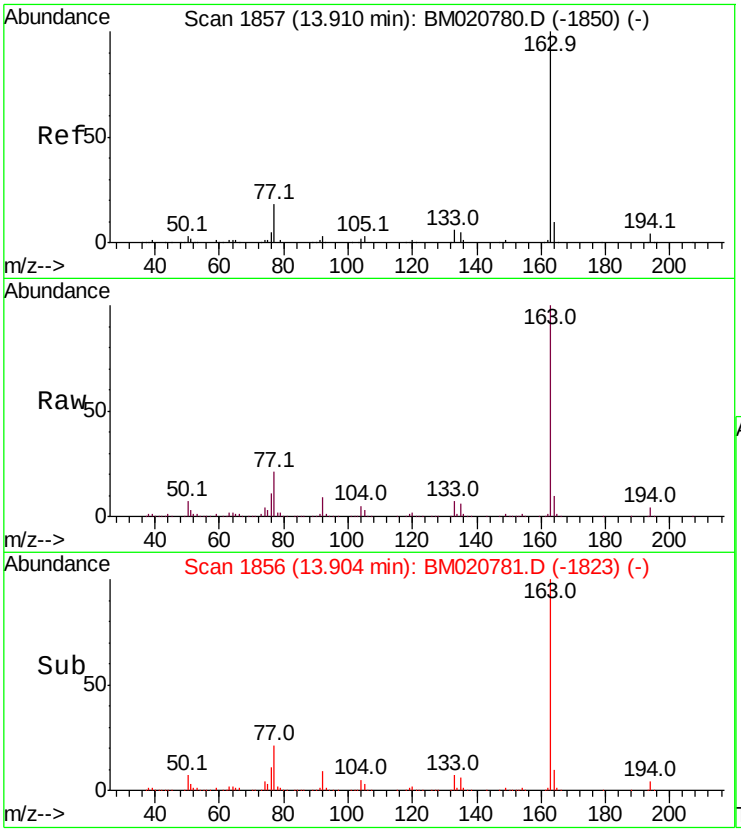


#34
2-Methylnaphthalene
Concen: 1.398 ng/ul
RT: 12.26 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Tgt Ion:142 Resp: 54610

Ion	Ratio	Lower	Upper
142	100		
141	82.5	71.4	107.0



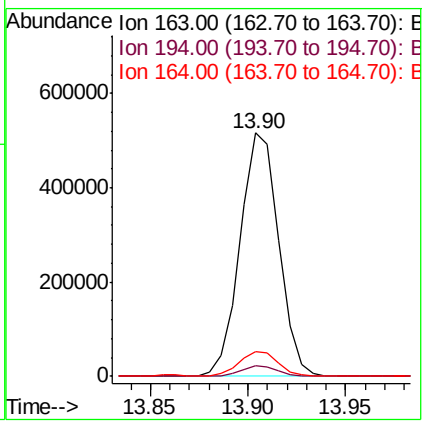


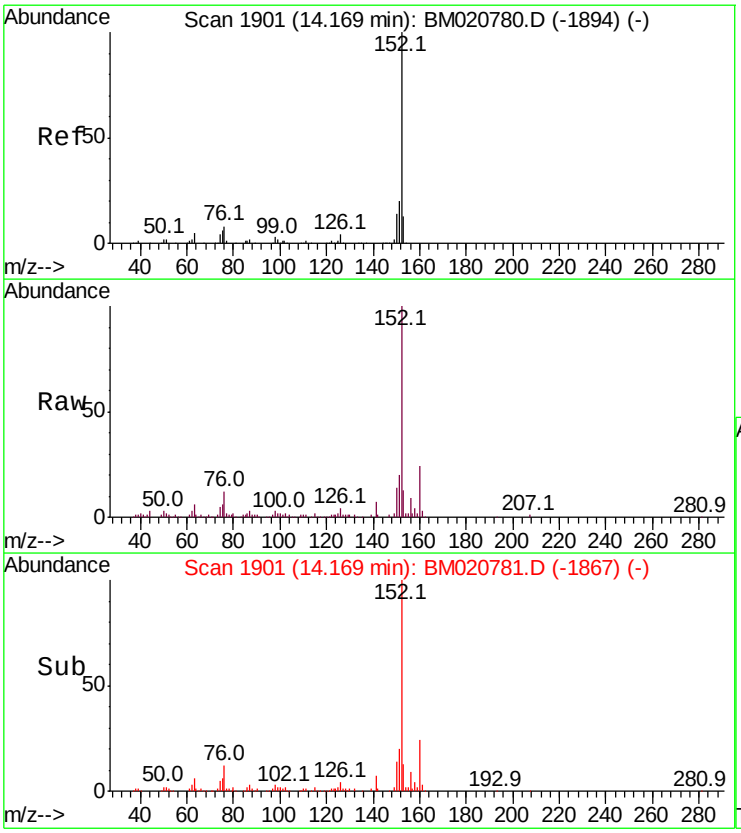
#44
Dimethylphthalate
Concen: 15.206 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 706606

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.3	8.0	12.0

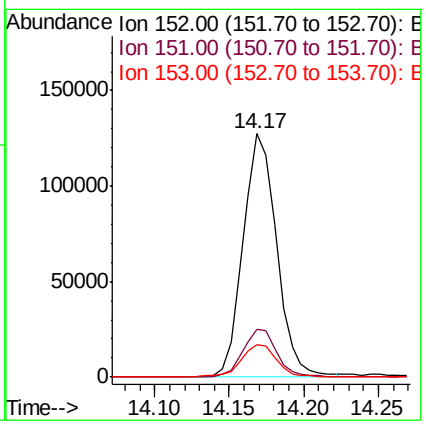


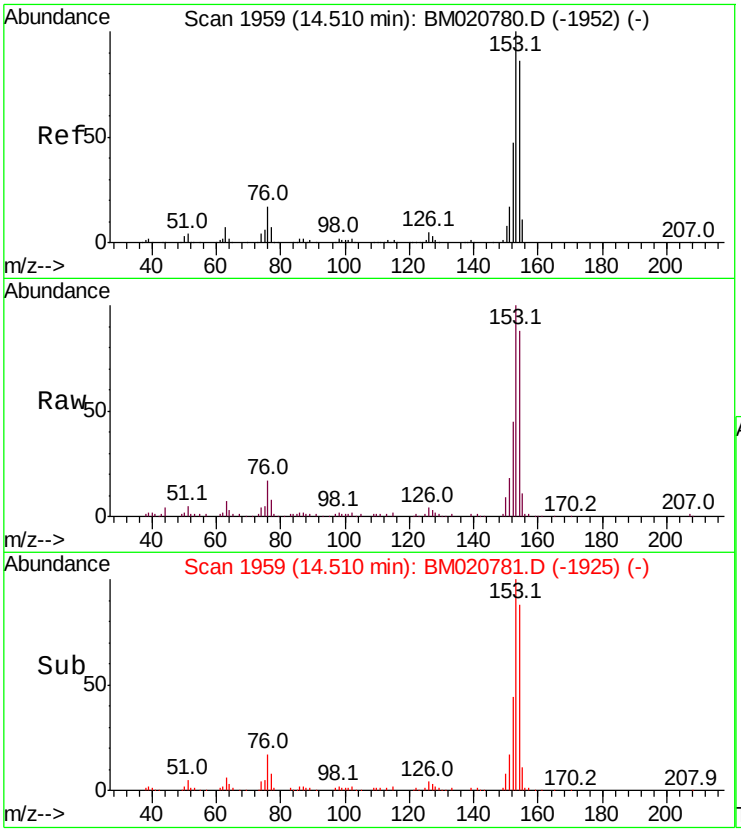


#47
Acenaphthylene
Concen: 3.491 ng/ul
RT: 14.17 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Tgt Ion:152 Resp: 198776

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.2	10.6	15.8



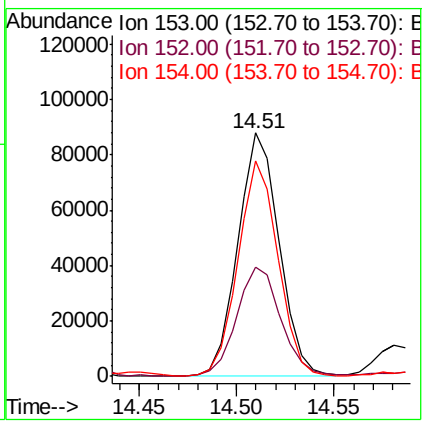


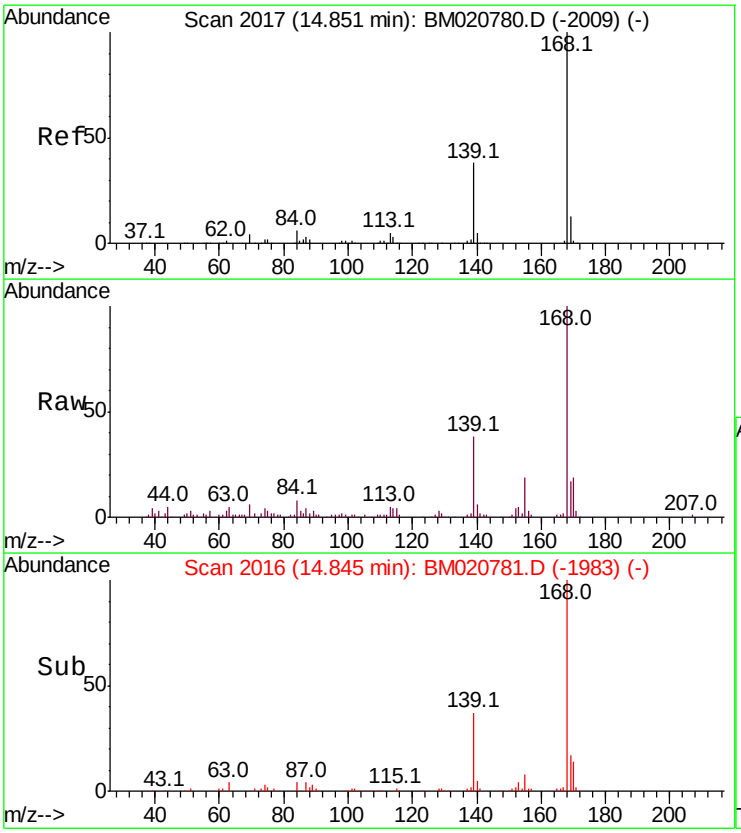
#49
Acenaphthene
Concen: 3.232 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 128448

Ion	Ratio	Lower	Upper
153	100		
152	44.8	37.3	55.9
154	88.3	68.7	103.1

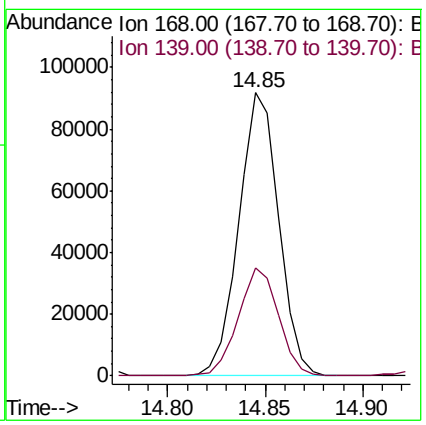


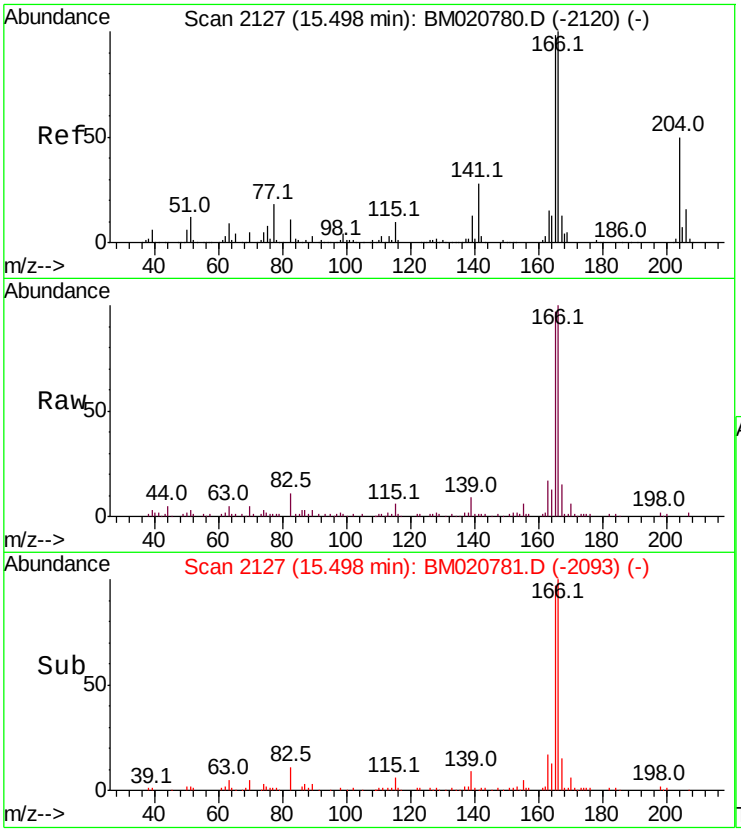


#53
Dibenzofuran
Concen: 2.310 ng/ul
RT: 14.85 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Tgt Ion:168 Resp: 129835

Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.4	45.6



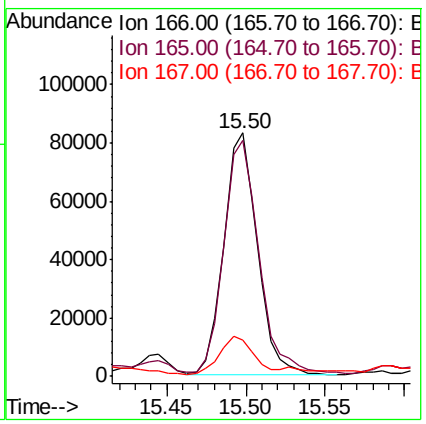


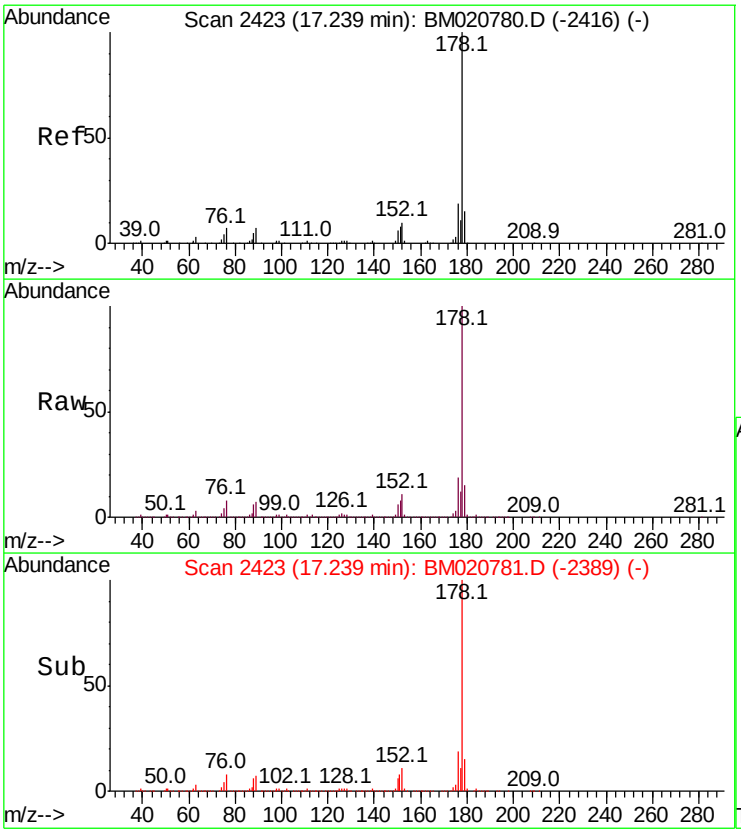
#58
Fluorene
Concen: 2.699 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 121807

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.6	117.8
167	14.8	10.8	16.2

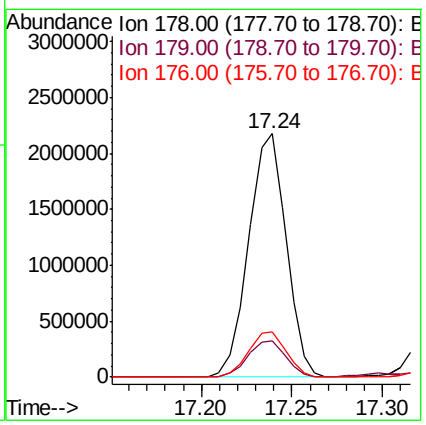


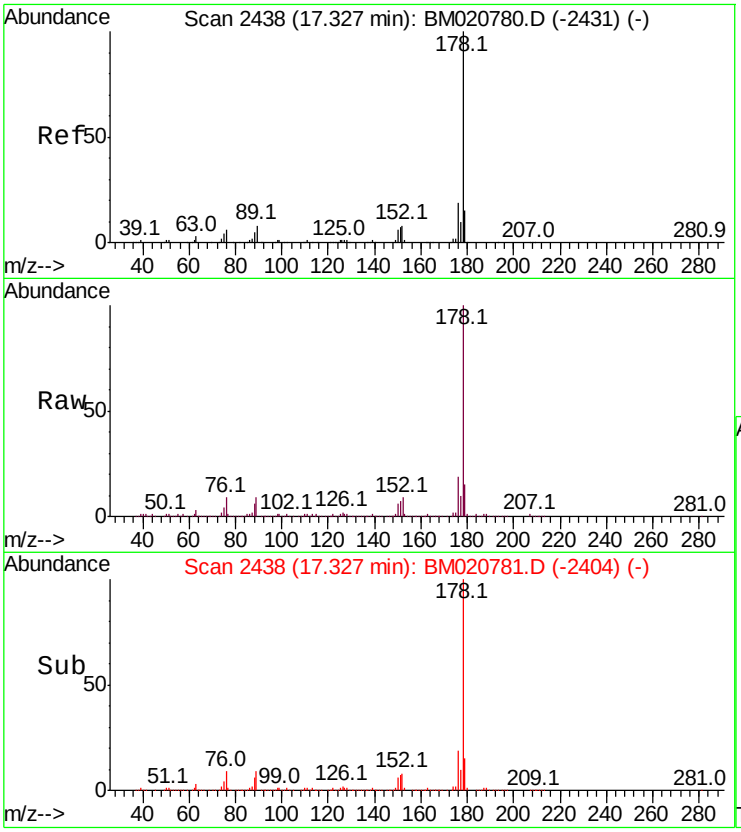


#69
Phenanthrene
Concen: 45.221 ng/ul
RT: 17.24 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Tgt Ion:178 Resp: 3131007

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.8	14.8	22.2



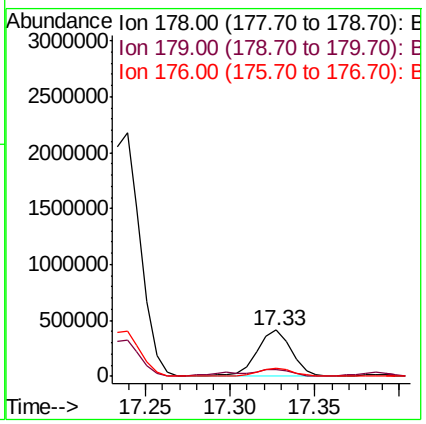


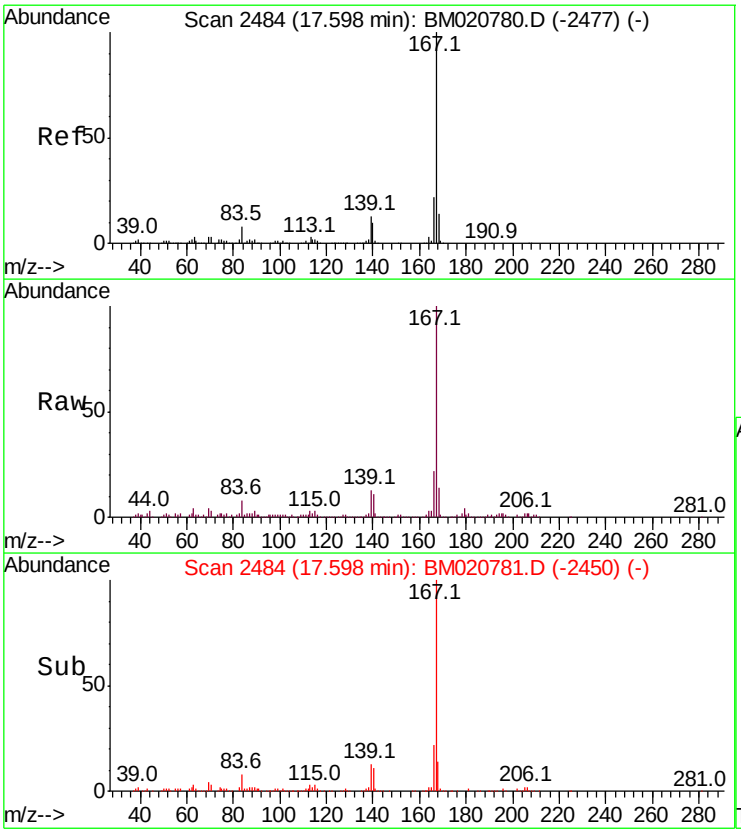
#71
Anthracene
Concen: 8.282 ng/ul
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 587786

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	18.8	14.9	22.3

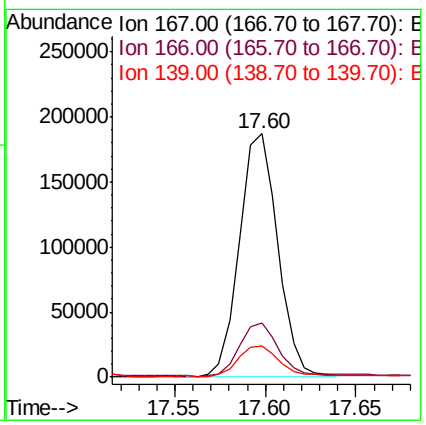


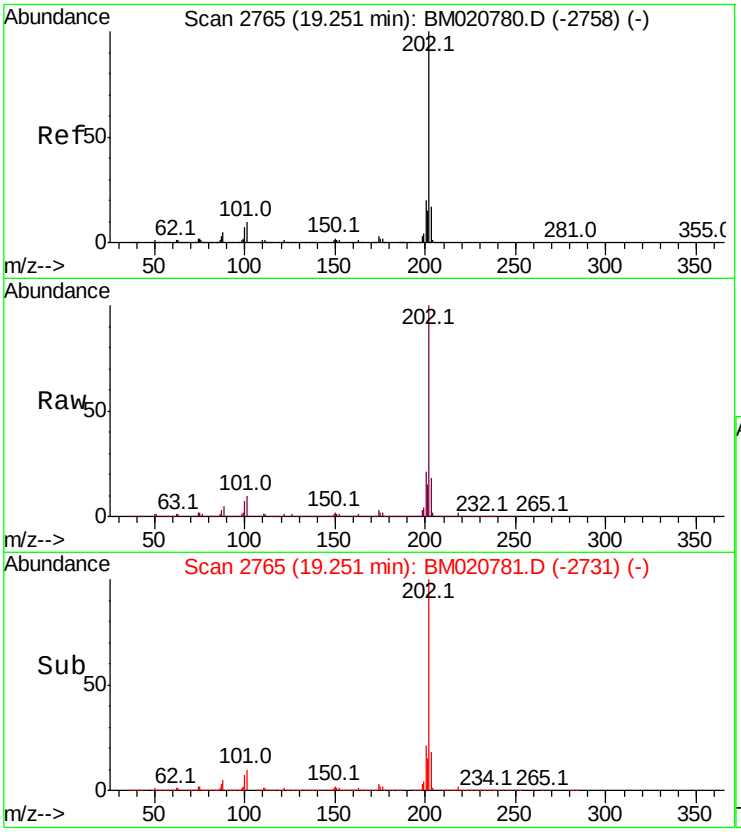


#74
Carbazole
Concen: 4.414 ng/ul
RT: 17.60 min Scan# 2484
Delta R.T. -0.00 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Tgt Ion:167 Resp: 272453

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.0	25.6
139	13.0	10.5	15.7



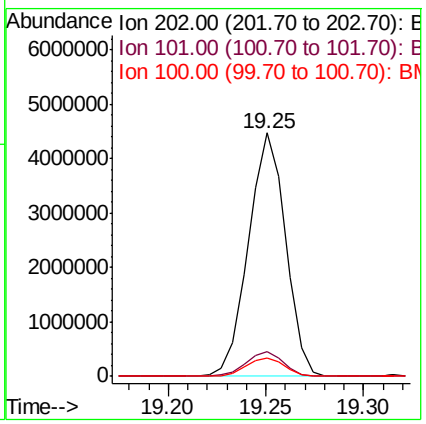


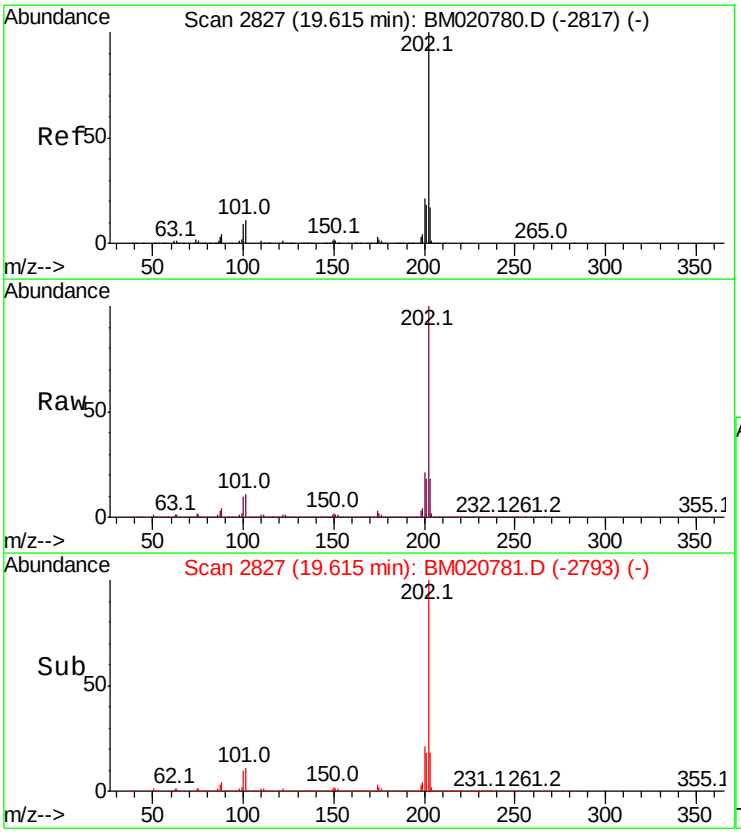
#76
Fluoranthene
Concen: 74.249 ng/ul
RT: 19.25 min Scan# 2765
Delta R.T. -0.00 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 5891306

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.9	11.9
100	7.5	6.2	9.4

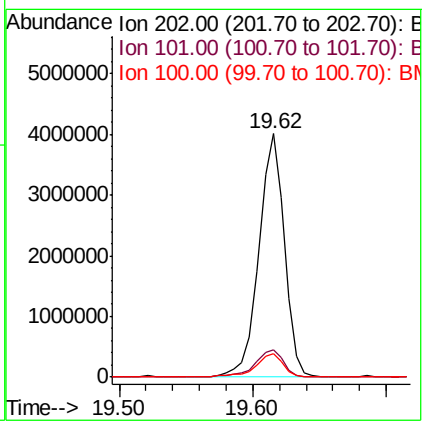


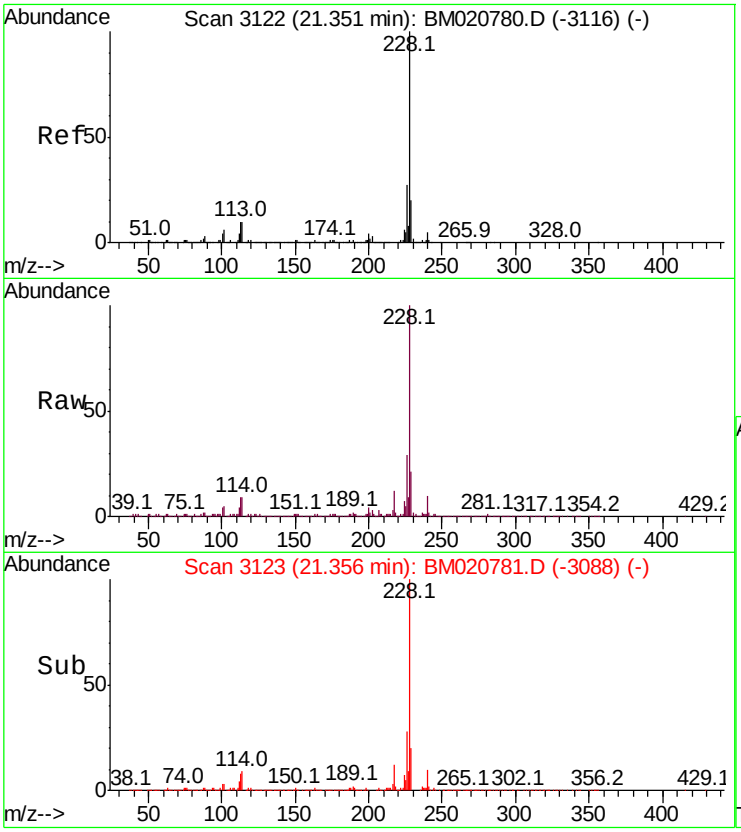


#79
Pyrene
Concen: 66.071 ng/ul
RT: 19.62 min Scan# 2827
Delta R.T. -0.00 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Tgt Ion:202 Resp: 5265409

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.6
100	9.6	8.0	12.0



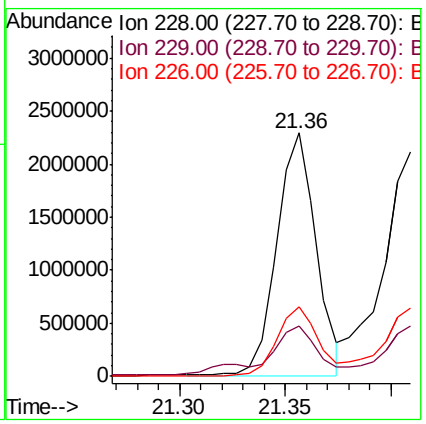


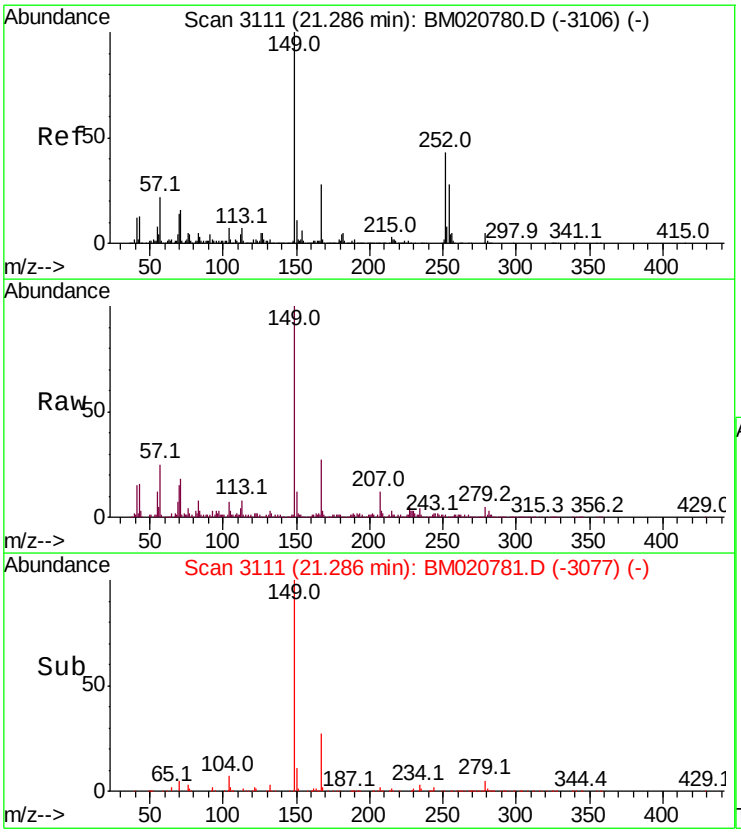
#82
Benzo(a)anthracene
Concen: 37.020 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. 0.01 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2981475

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	28.5	21.4	32.2

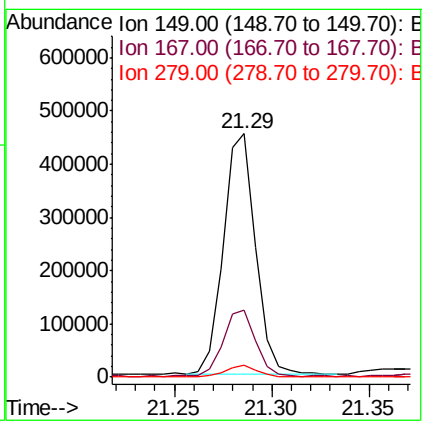


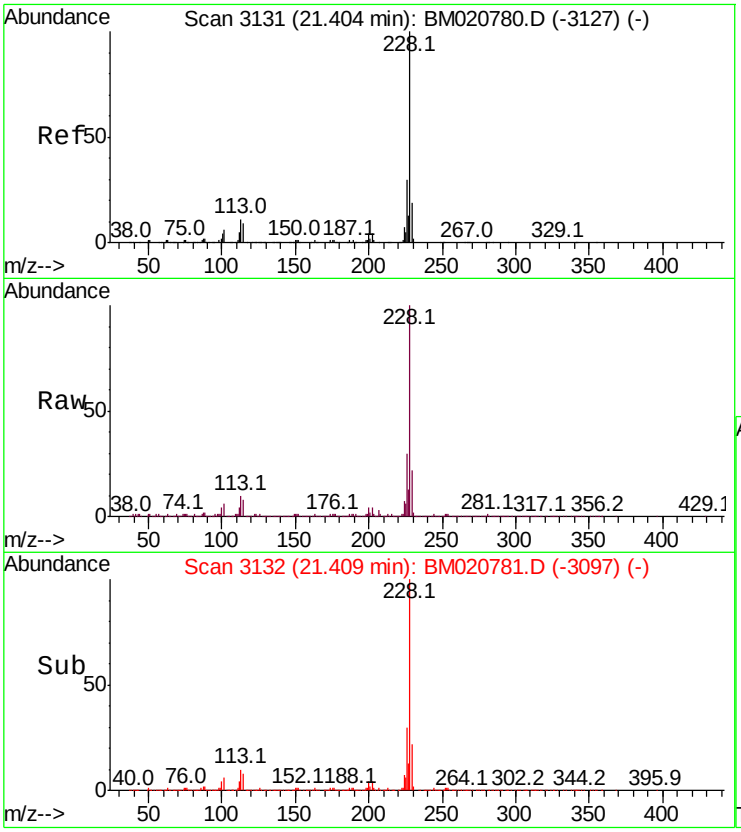


#83
Bis(2-ethylhexyl)phthalate
Concen: 9.405 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Tgt Ion:149 Resp: 515178

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.9	32.9
279	4.8	4.1	6.1



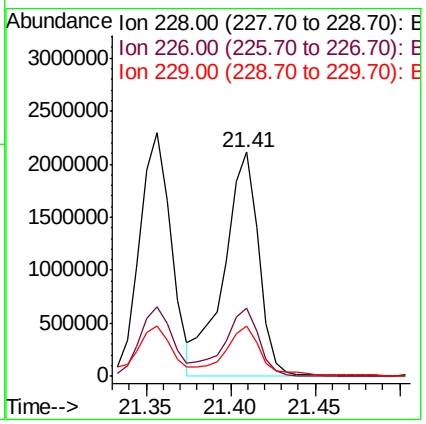


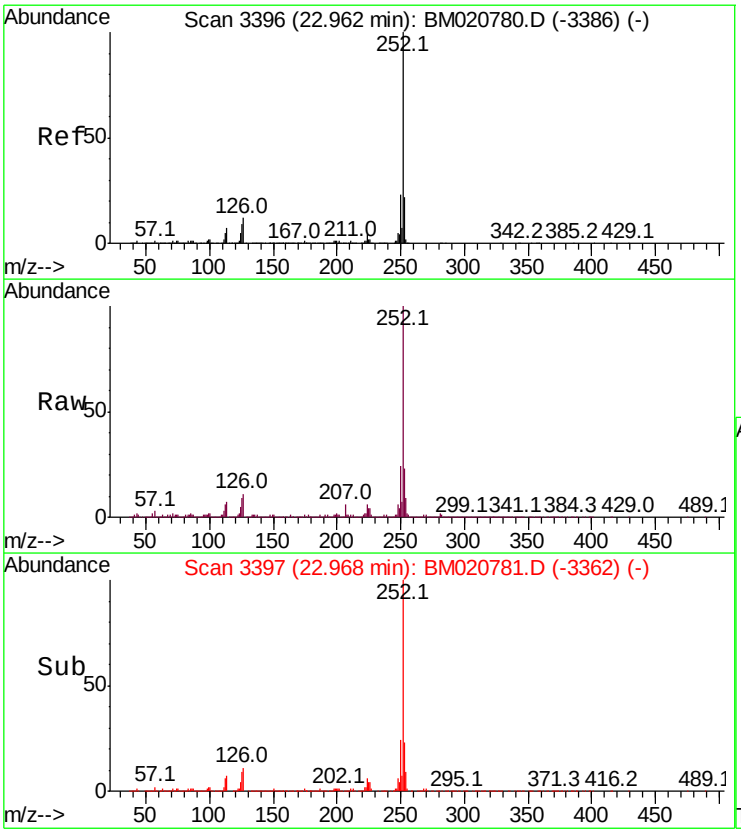
#84
Chrysene
Concen: 40.346 ng/ul
RT: 21.41 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 3015053

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	22.3	16.2	24.2

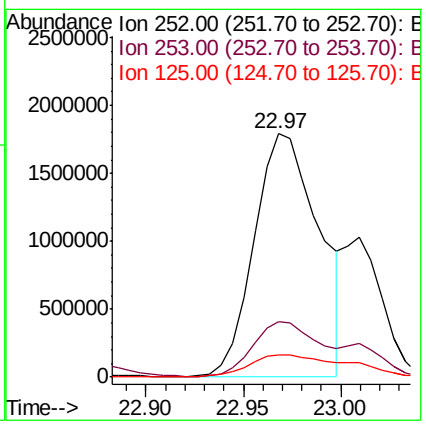


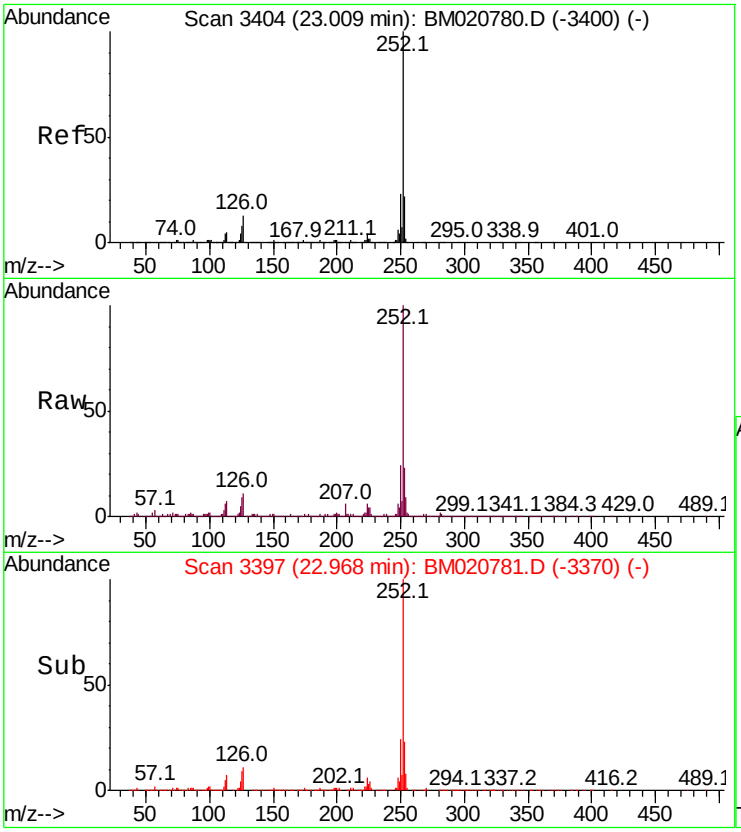


#87
Benzo(b)fluoranthene
Concen: 47.166 ng/ul
RT: 22.97 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Tgt Ion:252 Resp: 4110210

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.3	7.3	10.9



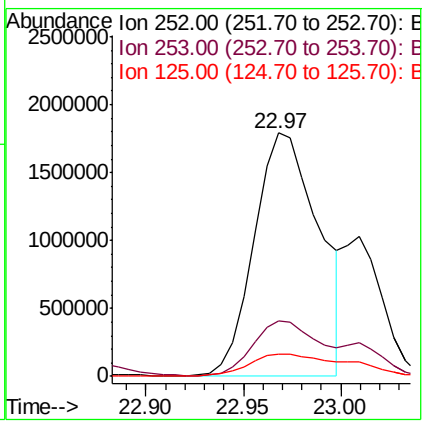


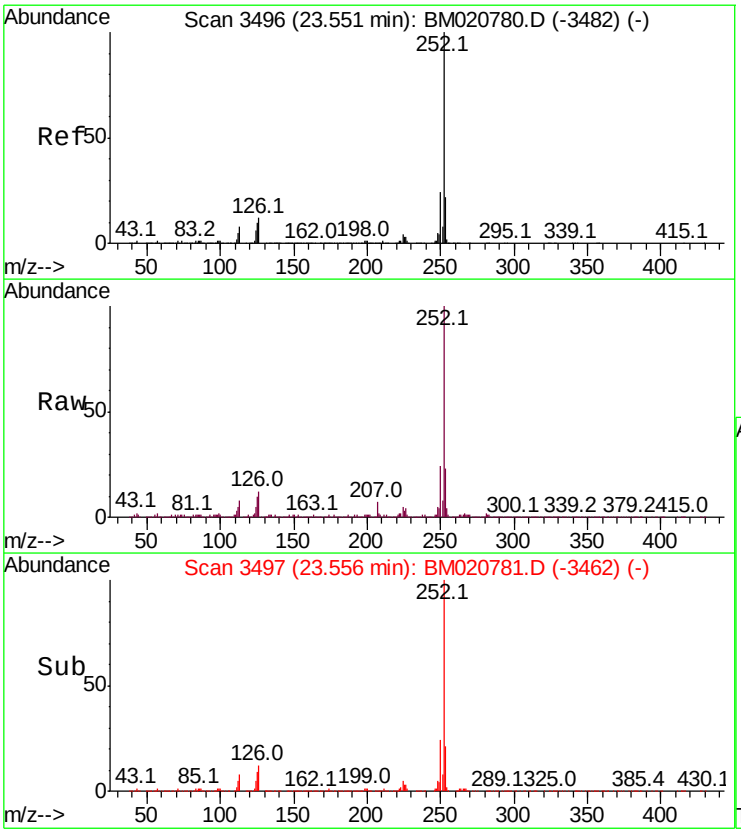
#88
Benzo(k)fluoranthene
Concen: 49.346 ng/ul
RT: 22.97 min Scan# 3397
Delta R.T. -0.04 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4110210

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.3	7.3	10.9

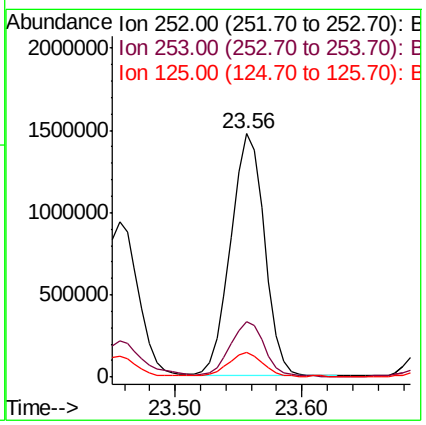


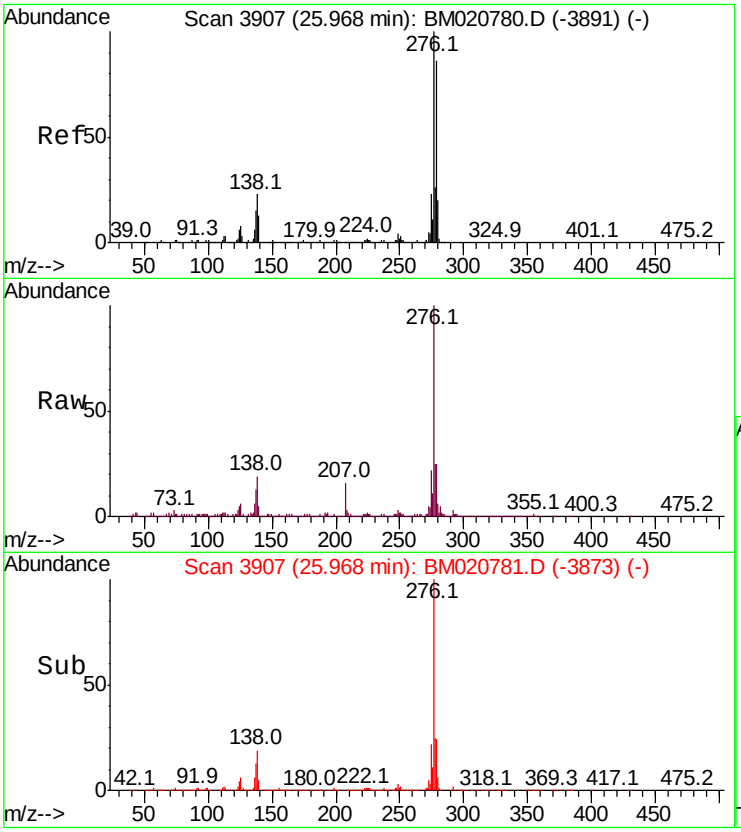


#90
Benzo(a)pyrene
Concen: 32.942 ng/ul
RT: 23.56 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Tgt Ion:252 Resp: 2731052

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	9.9	8.2	12.4



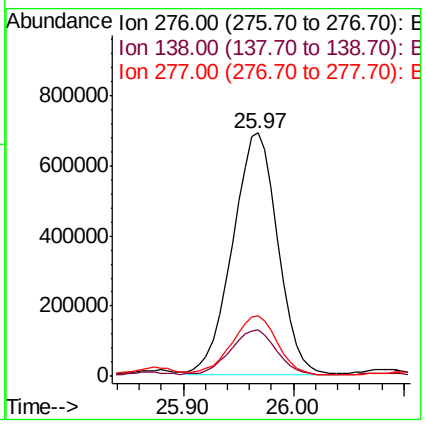


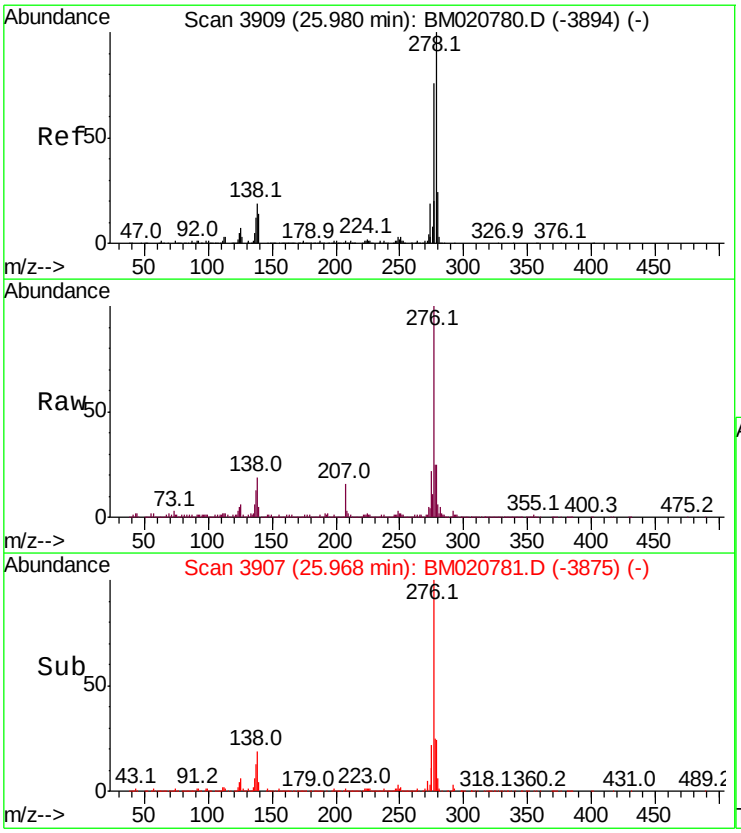
#91
Indeno(1,2,3-cd)pyrene
Concen: 20.137 ng/ul
RT: 25.97 min Scan# 3907
Delta R.T. -0.00 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1971810

Ion	Ratio	Lower	Upper
276	100		
138	18.9	17.8	26.8
277	24.9	20.0	30.0

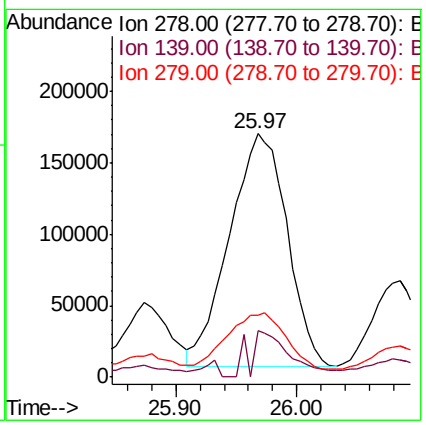


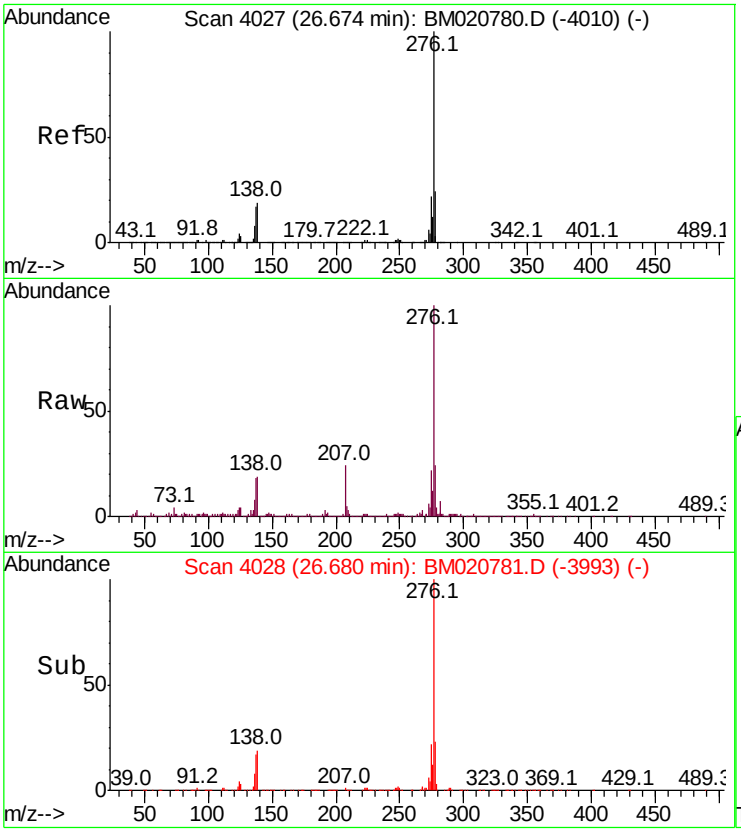


#92
Dibenzo(a,h)anthracene
Concen: 6.552 ng/ul
RT: 25.97 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Tgt Ion:278 Resp: 543611

Ion	Ratio	Lower	Upper
278	100		
139	18.9	11.6	17.4#
279	25.2	18.6	28.0





#93
Benzo(g,h,i)perylene
Concen: 18.835 ng/ul
RT: 26.68 min Scan# 4028
Delta R.T. 0.01 min
Lab File: BM020781.D
Acq: 07 Jun 2019 01:50

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1496246

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.6	25.0
277	24.0	19.6	29.4