Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020500.D
Acq On : 22 May 2019 20:22
Operator : JU/SJ
Sample : K2925-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 07:45:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	460	20.00	ng/ul	0.01
18) Naphthalene-d8	10.47	136	275348	20.00	ng/ul	-0.05
35) Acenaphthene-d10	14.34	164	173662	20.00	ng/ul	-0.04
61) Phenanthrene-d10	17.09	188	421081	20.00	ng/ul	-0.04
77) Chrysene-d12	21.29	240	454058	20.00	ng/ul	-0.04
85) Perylene-d12	23.54	264	528945	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	135	10.83	ng/uL	-0.02
5) Phenol-d5	6.86	99	58718	1600.11	ng/ul	-0.04
7) Bis-(2-Chloroethyl)ether-d	7.02	67	38947	1669.45	ng/ul	-0.05
9) 2-Chlorophenol-d4	7.21	132	46055	1711.19	ng/ul	-0.05
13) 4-Methylphenol-d8	8.48	113	399	14.93	ng/ul	0.05
19) Nitrobenzene-d5	8.85	128	20055	11.19	ng/ul	-0.04
22) 2-Nitrophenol-d4	9.56	143	23074	11.68	ng/ul	-0.05
26) 2,4-Dichlorophenol-d3	10.10	165	48814	11.68	ng/ul	-0.04
29) 4-Chloroaniline-d4	10.63	131	25650	5.94	ng/ul	-0.04
43) Dimethylphthalate-d6	13.75	166	146408	11.72	ng/ul	-0.04
46) Acenaphthylene-d8	14.03	160	174951	11.19	ng/ul	-0.04
51) 4-Nitrophenol-d4	14.57	143	9903	5.46	ng/ul	-0.02
57) Fluorene-d10	15.33	176	131046	11.79	ng/ul	-0.04
62) 4,6-Dinitro-2-methylphenol	15.49	200	12019	5.01	ng/ul	-0.03
70) Anthracene-d10	17.19	188	209715	11.61	ng/ul	-0.04
78) Pyrene-d10	19.49	212	248363	11.36	ng/ul	-0.04
89) Benzo(a)pyrene-d12	23.40	264	265549	11.05	ng/ul	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	110	8.457	ng/uL#	1
4) Benzaldehyde	6.89	77	384	12.215	ng/ul#	10
6) Phenol	6.89	94	1771	45.877	ng/ul	97
14) Acetophenone	8.52	105	1812	39.715	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.39	70	1357	52.118	ng/ul#	1
16) 4-Methylphenol	8.46	108	508	17.874	ng/ul	90
17) Hexachloroethane	8.93	117	530	40.860	ng/ul#	1
28) Naphthalene	10.52	128	14097	1.114	ng/ul	97
44) Dimethylphthalate	13.80	163	42737	3.458	ng/ul	99
47) Acenaphthylene	14.06	152	140908	9.561	ng/ul	99
53) Dibenzofuran	14.74	168	15842	1.033	ng/ul	100
58) Fluorene	15.39	166	20388	1.659	ng/ul	94
69) Phenanthrene	17.13	178	534360	26.634	ng/ul	99
71) Anthracene	17.23	178	169061	8.284	ng/ul	99
74) Carbazole	17.51	167	20893	1.206	ng/ul#	92
76) Fluoranthene	19.16	202	1443977	56.975	ng/ul	98
79) Pyrene	19.53	202	1286975	47.222	ng/ul	99
82) Benzo(a)anthracene	21.27	228	880827	32.231	ng/ul	96
84) Chrysene	21.33	228	761639	29.163	ng/ul	96
87) Benzo(b)fluoranthene	22.87	252	1171680	38.812	ng/ul	98
88) Benzo(k)fluoranthene	22.87	252	1171680	39.514	ng/ul	99
90) Benzo(a)pyrene	23.45	252	798707	28.114	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.83	276	602775	18.620	ng/ul#	96

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020500.D
Acq On : 22 May 2019 20:22
Operator : JU/SJ
Sample : K2925-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 07:45:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
92) Dibenzo(a,h)anthracene	25.83	278	177209	6.401 ng/ul#	88
93) Benzo(g,h,i)perylene	26.54	276	493799	18.428 ng/ul	95

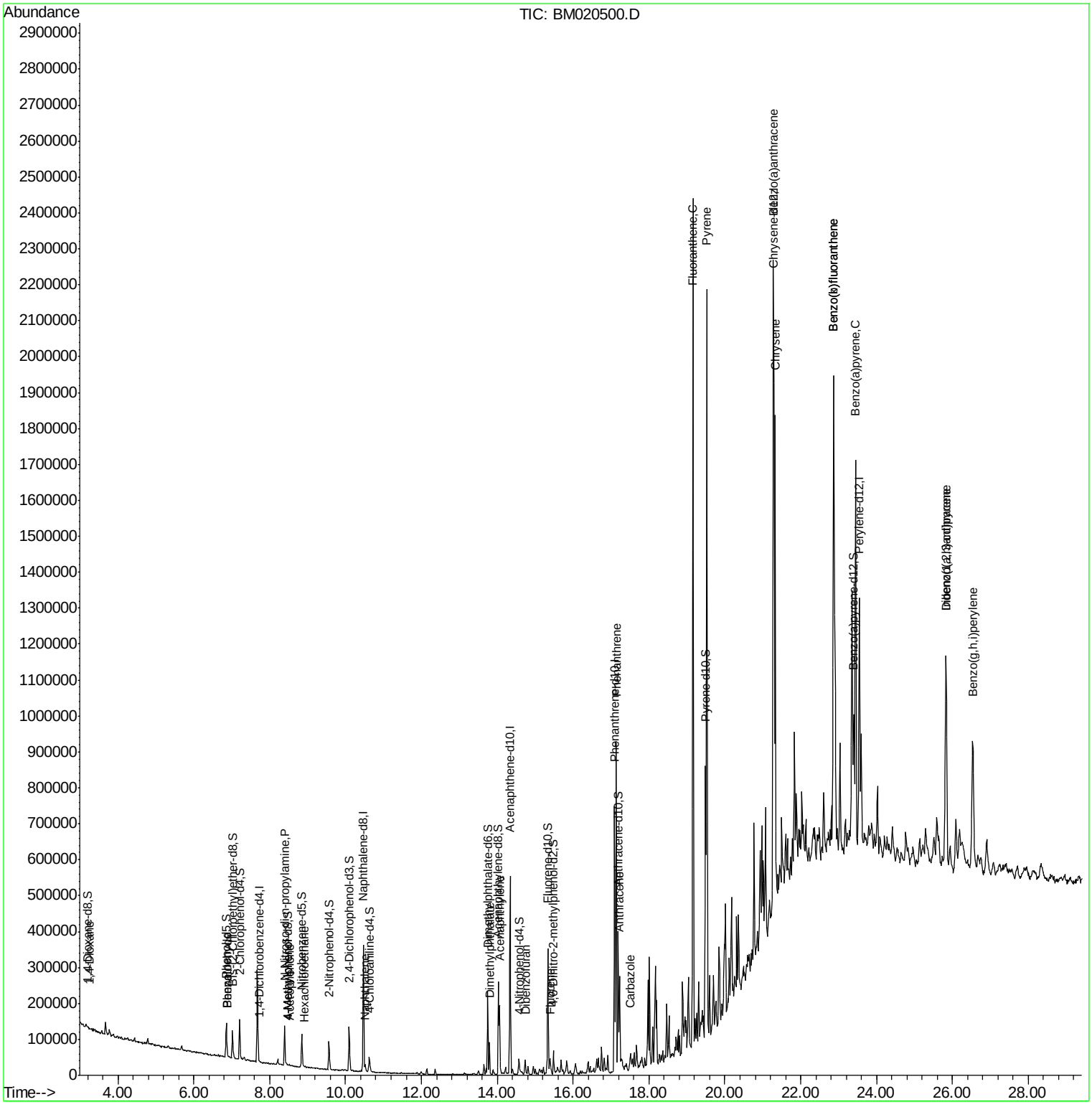
(#) = qualifier out of range (m) = manual integration (+) = signals summed

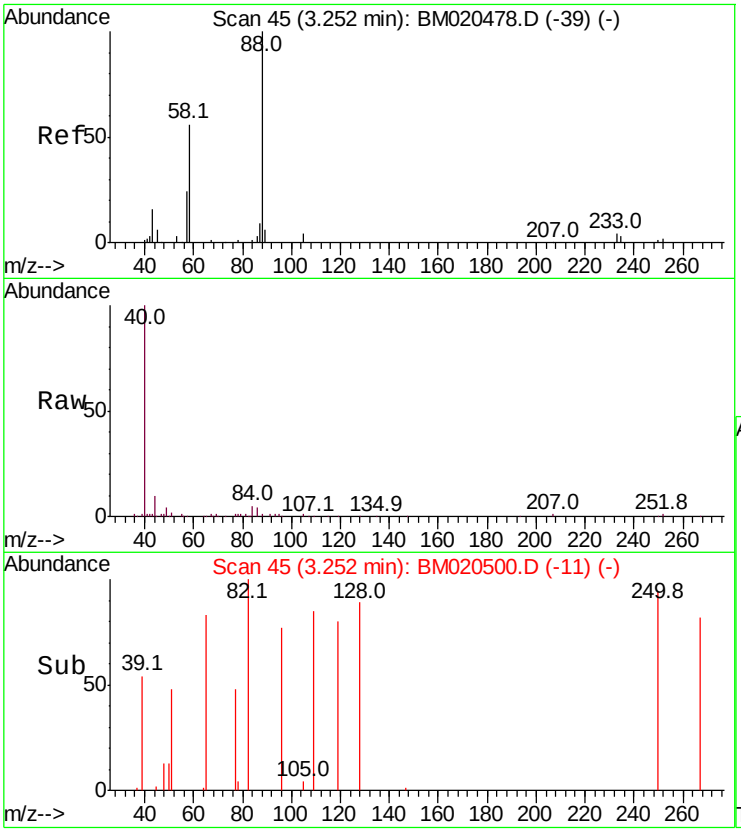
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020500.D
Acq On : 22 May 2019 20:22
Operator : JU/SJ
Sample : K2925-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 23 07:45:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration



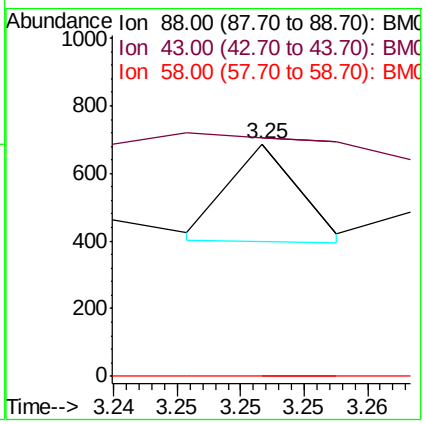


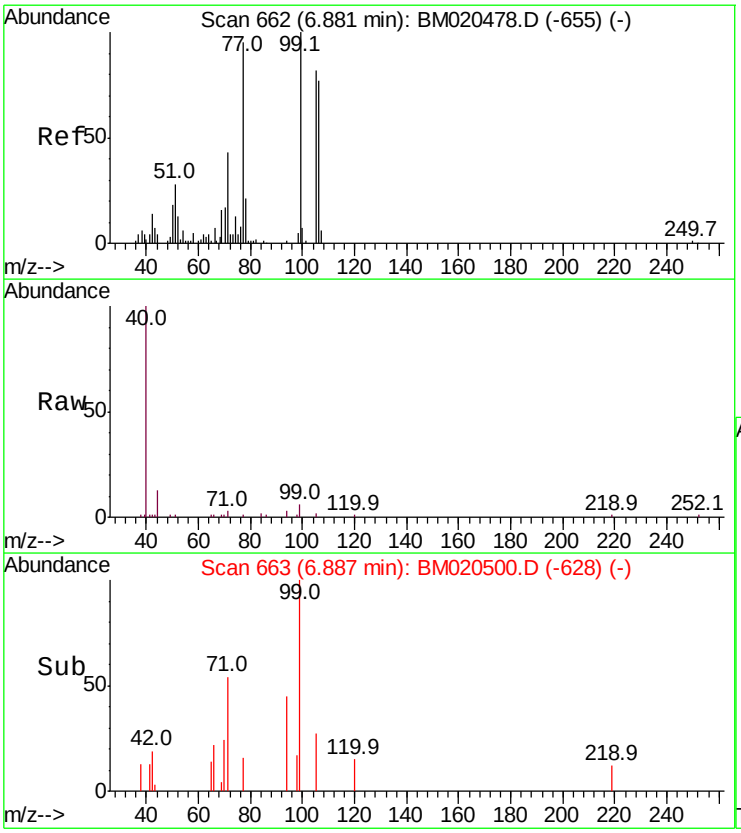
#2
1,4-Dioxane
Concen: 8.457 ng/uL
RT: 3.25 min Scan# 45
Delta R.T. -0.00 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 110

Ion	Ratio	Lower	Upper
88	100		
43	102.5	21.4	32.2#
58	0.0	45.1	67.7#

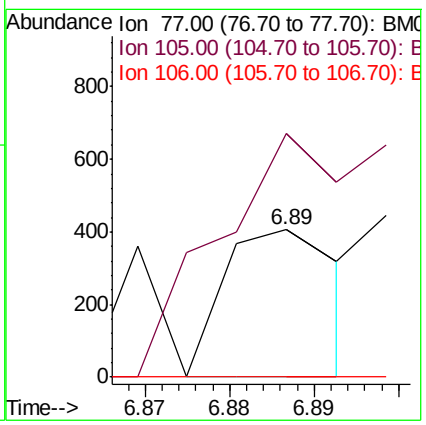


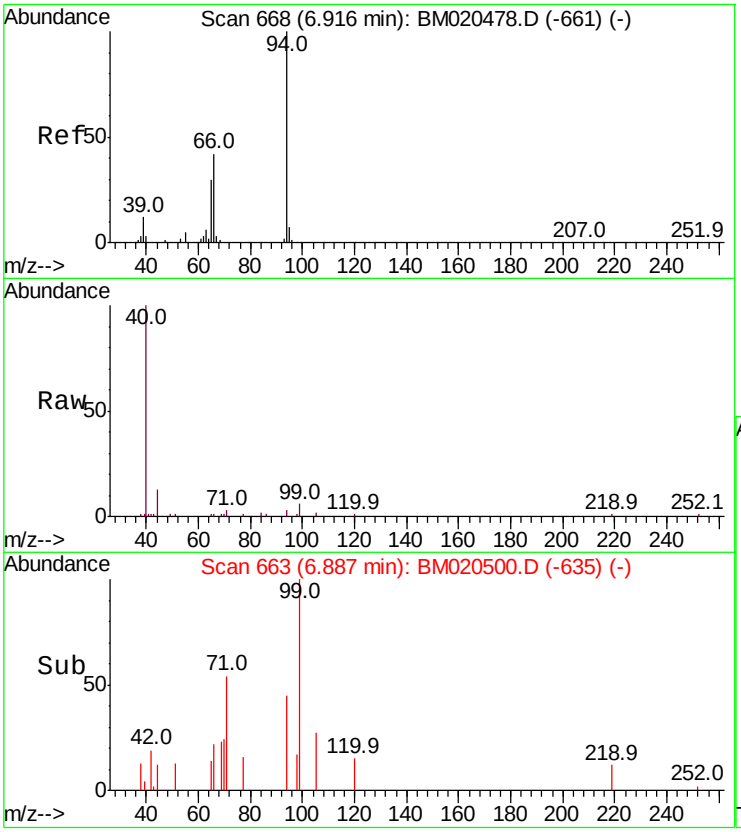


#4
Benzaldehyde
Concen: 12.215 ng/ul
RT: 6.89 min Scan# 663
Delta R.T. 0.01 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion: 77 Resp: 384

Ion	Ratio	Lower	Upper
77	100		
105	165.7	67.4	101.0#
106	0.0	64.8	97.2#



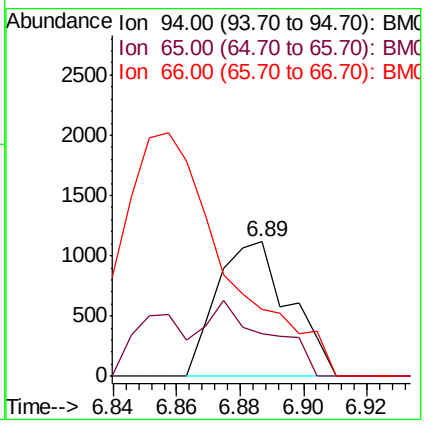


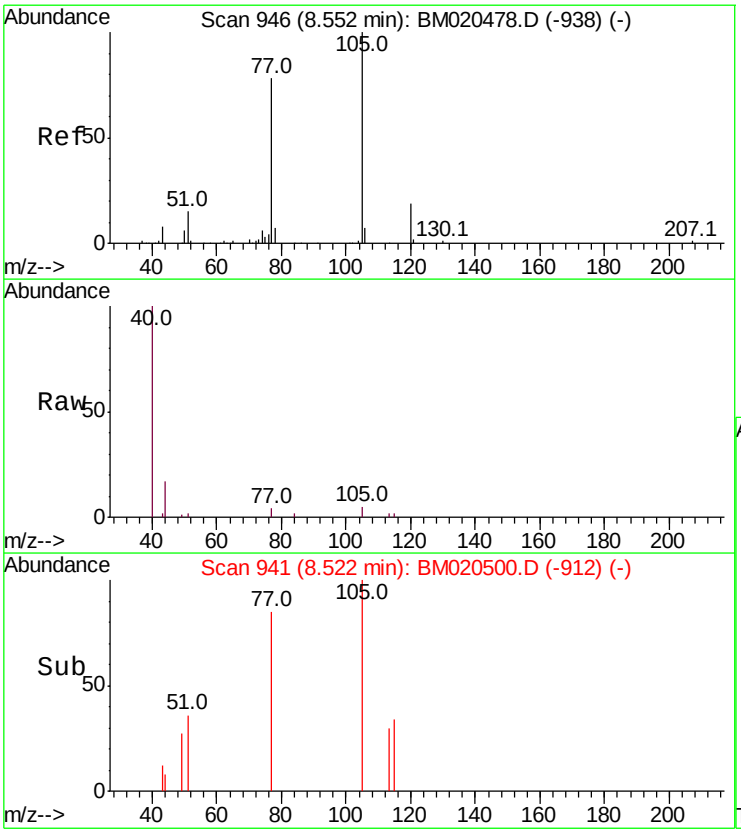
#6
Phenol
Concen: 45.877 ng/ul
RT: 6.89 min Scan# 663
Delta R.T. -0.04 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 1771

Ion	Ratio	Lower	Upper
94	100		
65	31.6	25.4	38.0
66	49.4	36.5	54.7

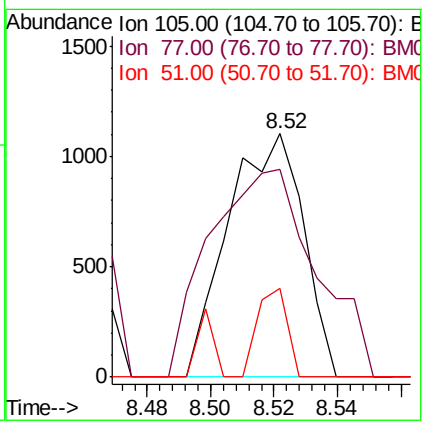


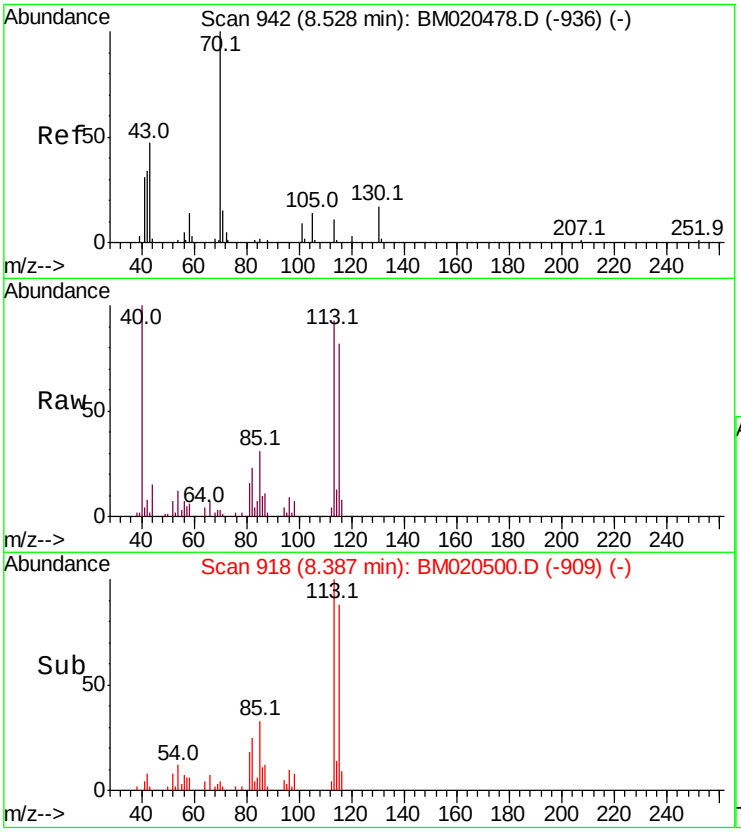


#14
Acetophenone
Concen: 39.715 ng/ul
RT: 8.52 min Scan# 941
Delta R.T. -0.03 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion:105 Resp: 1812

Ion	Ratio	Lower	Upper
105	100		
77	85.1	74.0	111.0
51	36.3	16.5	24.7#



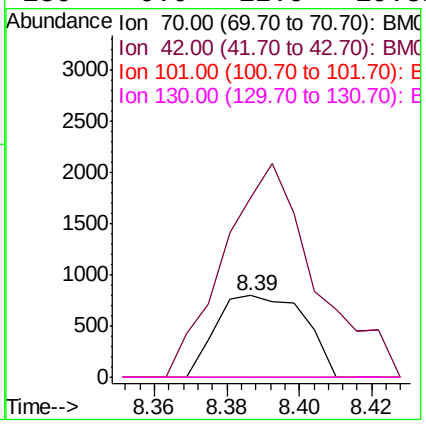


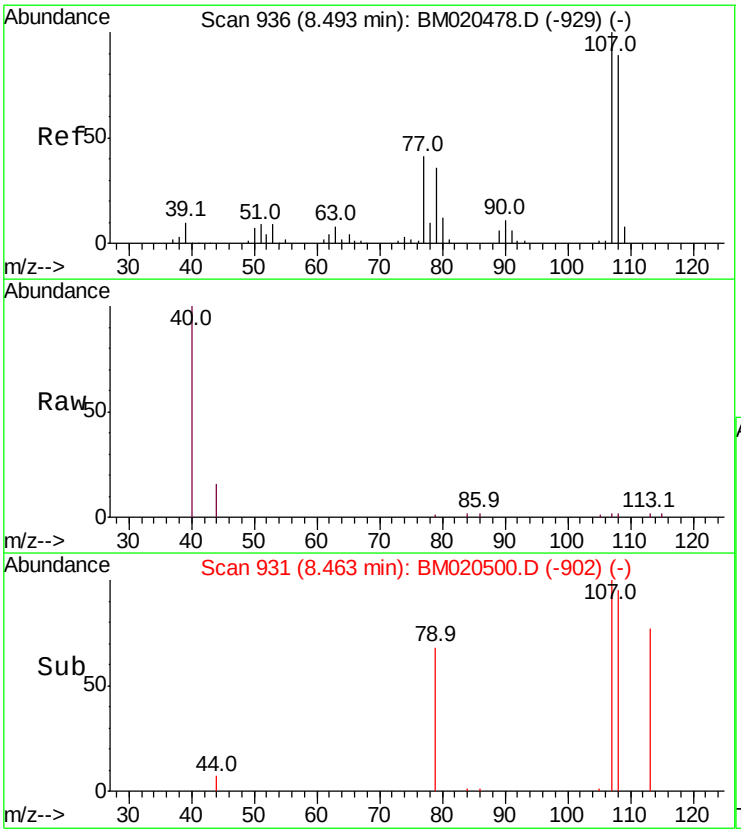
#15
N-Nitroso-di-n-propylamine
Concen: 52.118 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.15 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 1357

Ion	Ratio	Lower	Upper
70	100		
42	219.1	26.5	39.7#
101	0.0	7.2	10.8#
130	0.0	12.9	19.3#

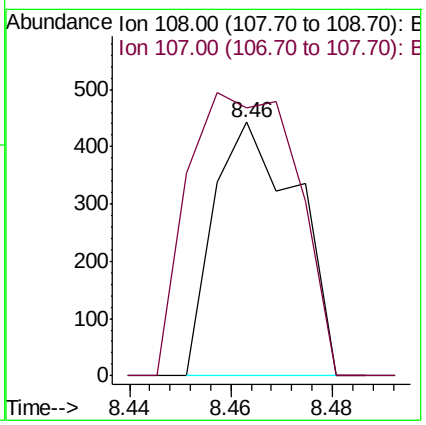


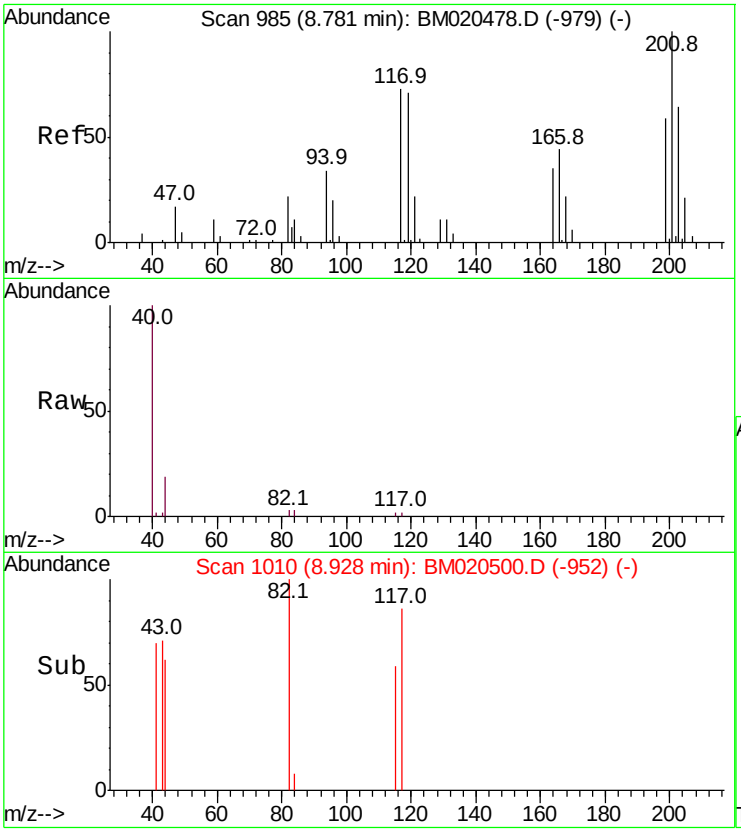


#16
4-Methylphenol
Concen: 17.874 ng/ul
RT: 8.46 min Scan# 931
Delta R.T. -0.03 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion:108 Resp: 508

Ion	Ratio	Lower	Upper
108	100		
107	105.6	93.0	139.4



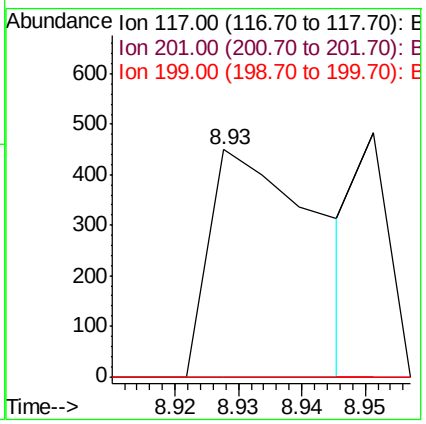


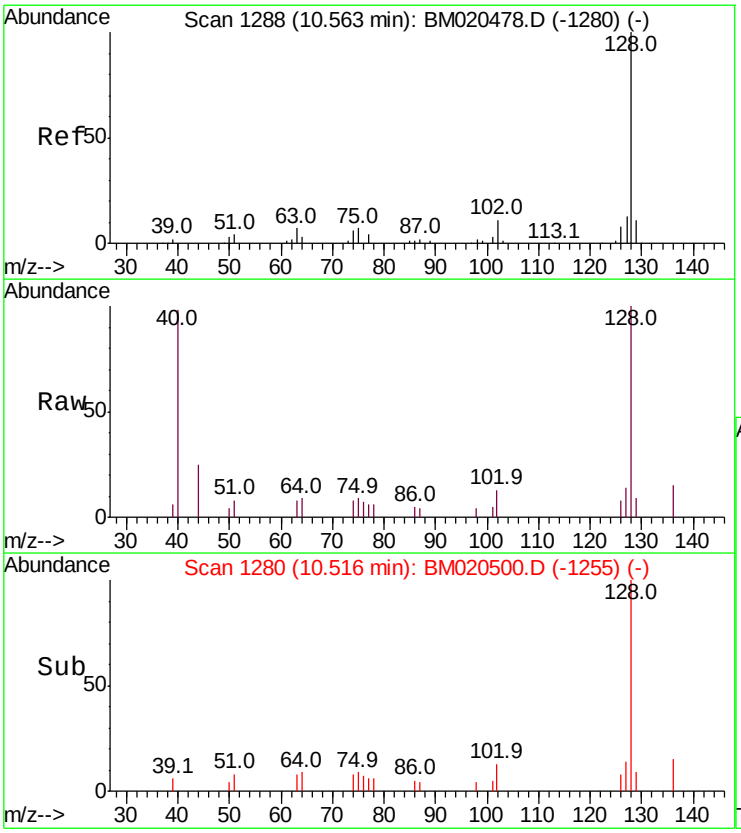
#17
Hexachloroethane
Concen: 40.860 ng/ul
RT: 8.93 min Scan# 1010
Delta R.T. 0.14 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 530

Ion	Ratio	Lower	Upper
117	100		
201	0.0	102.4	153.6#
199	0.0	63.3	94.9#

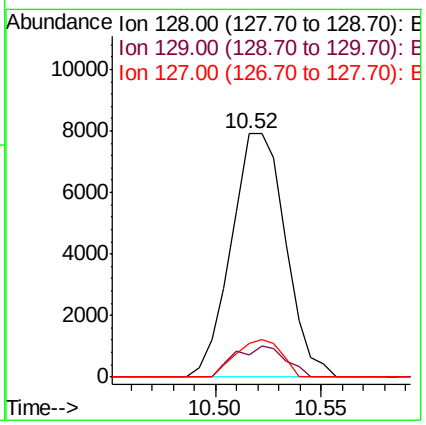


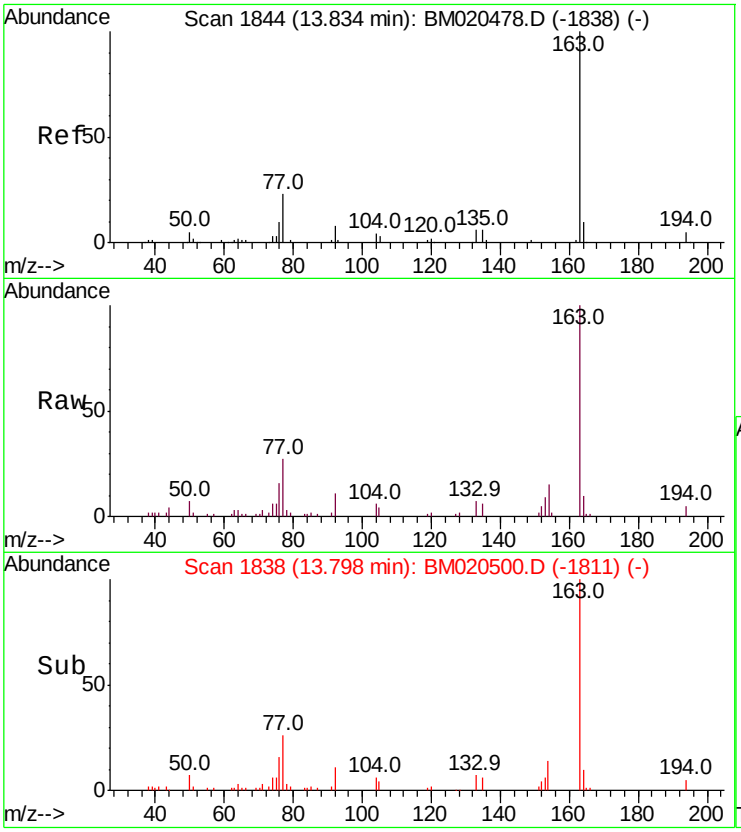


#28
Naphthalene
Concen: 1.114 ng/ul
RT: 10.52 min Scan# 1280
Delta R.T. -0.05 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion:128 Resp: 14097

Ion	Ratio	Lower	Upper
128	100		
129	9.1	8.6	13.0
127	13.7	10.6	15.8



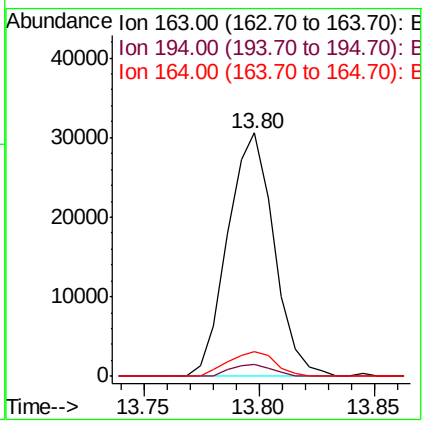


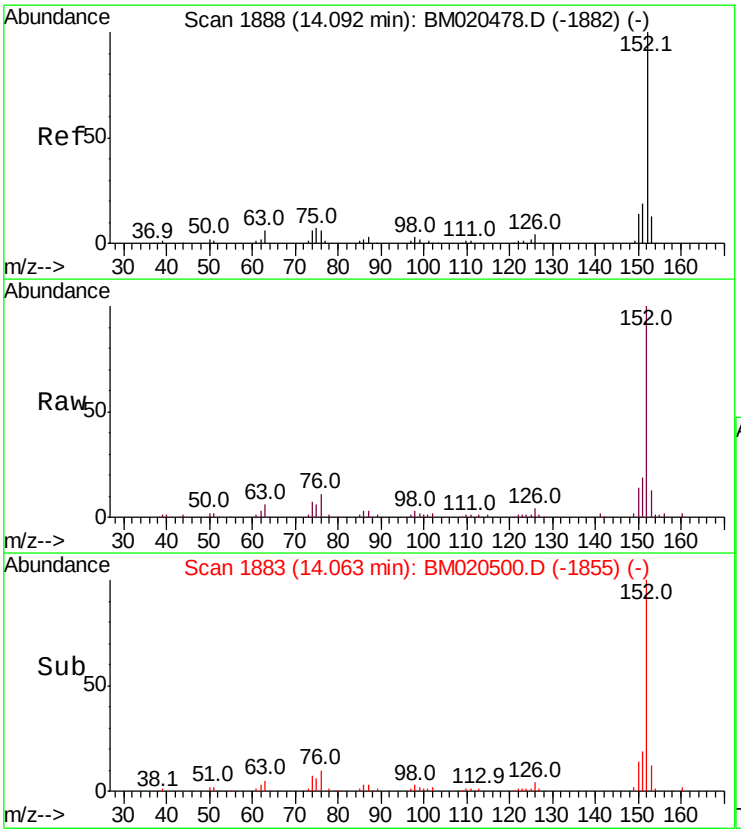
#44
Dimethylphthalate
Concen: 3.458 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. -0.04 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 42737

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	10.4	8.0	12.0

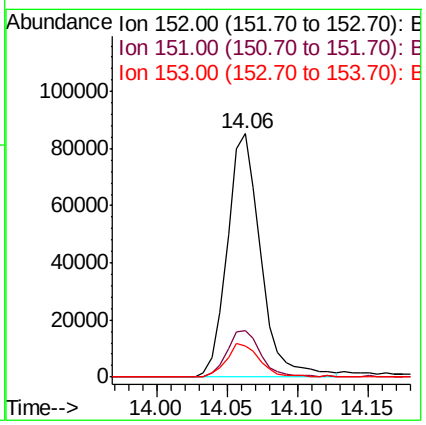


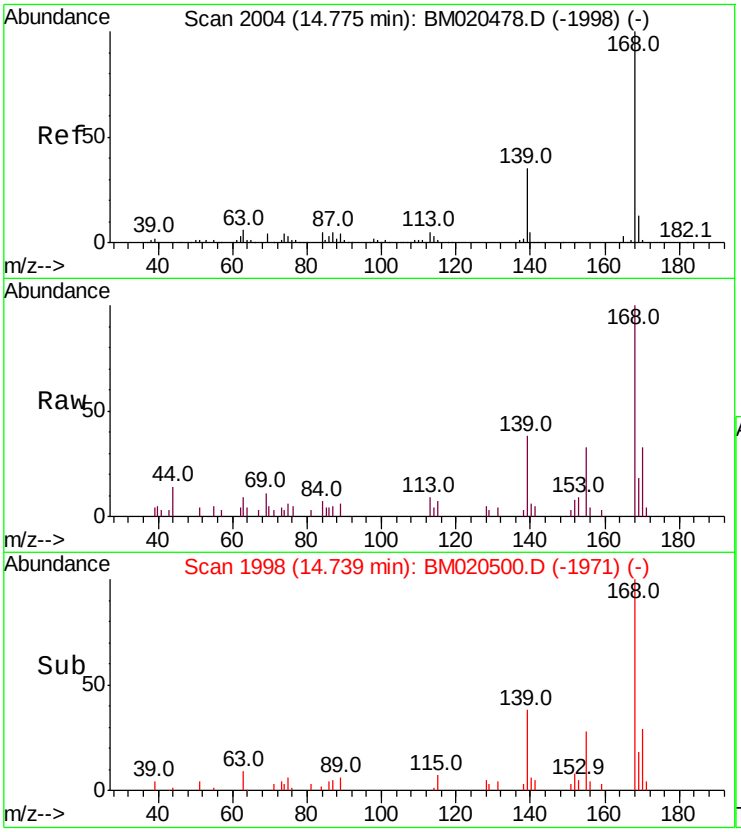


#47
Acenaphthylene
Concen: 9.561 ng/ul
RT: 14.06 min Scan# 1883
Delta R.T. -0.04 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion:152 Resp: 140908

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0
153	12.7	10.3	15.5



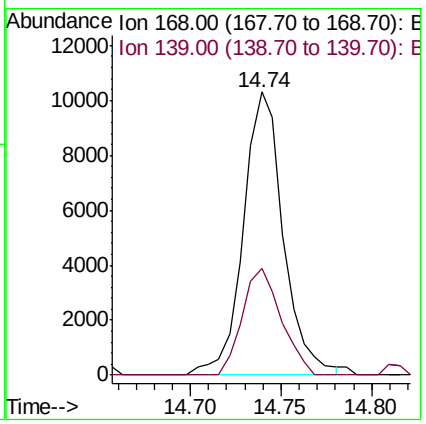


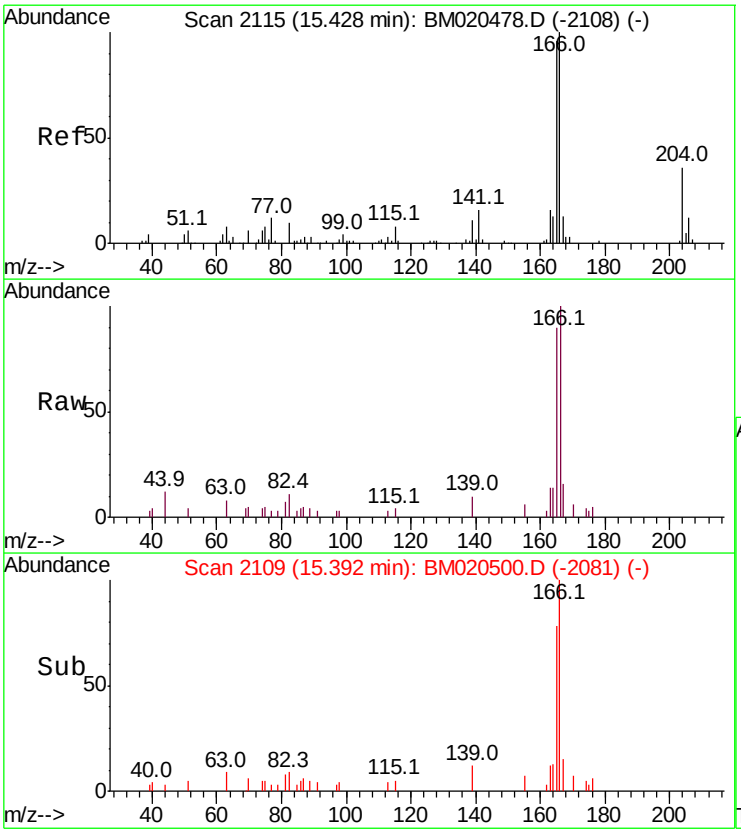
#53
Dibenzofuran
Concen: 1.033 ng/ul
RT: 14.74 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 15842

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1

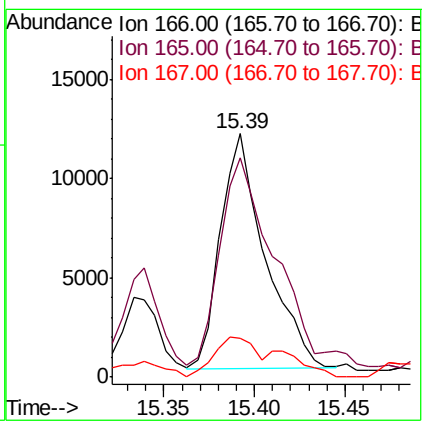


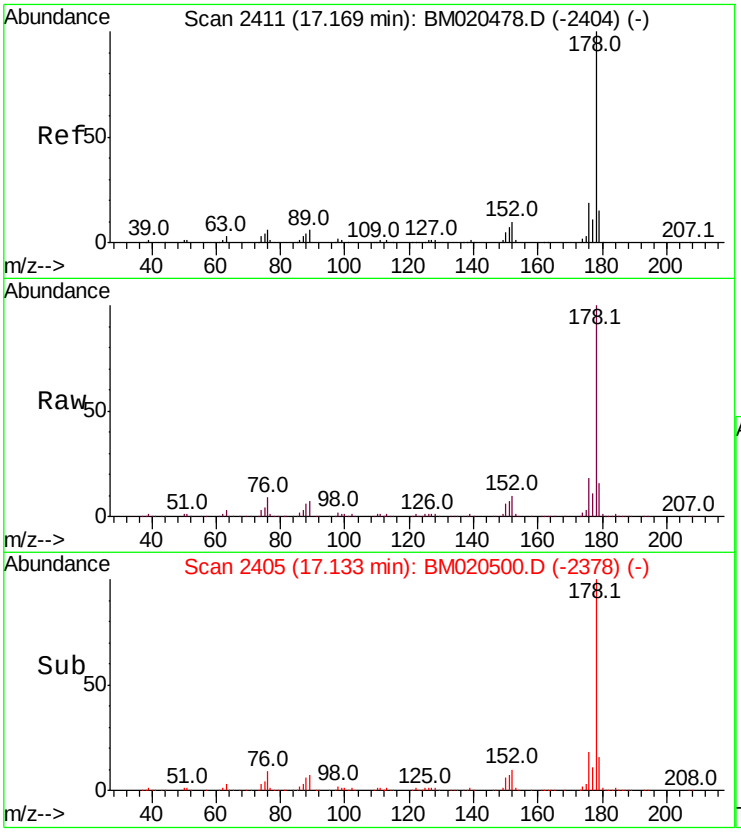


#58
Fluorene
Concen: 1.659 ng/ul
RT: 15.39 min Scan# 2109
Delta R.T. -0.04 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion:166 Resp: 20388

Ion	Ratio	Lower	Upper
166	100		
165	90.2	77.1	115.7
167	16.0	11.1	16.7



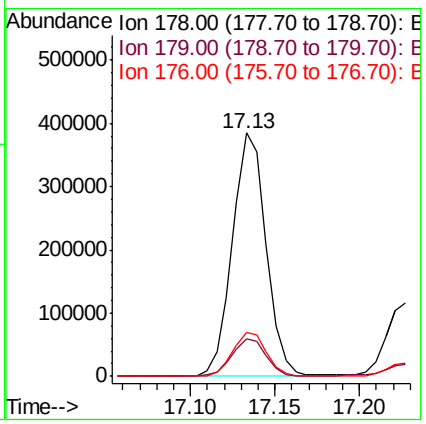


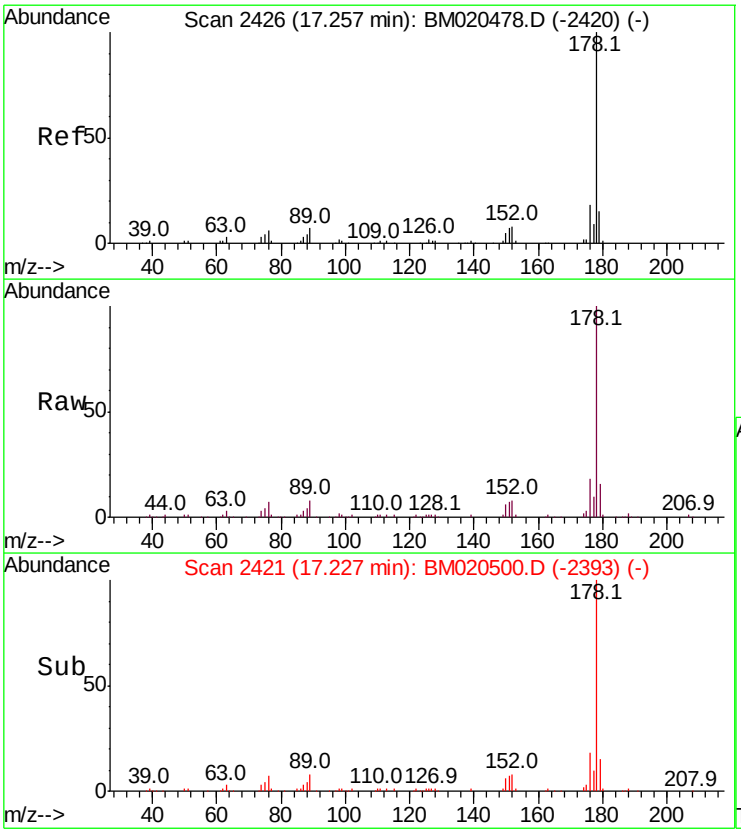
#69
Phenanthrene
Concen: 26.634 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.04 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 534360

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.9	17.9
176	18.3	14.6	22.0

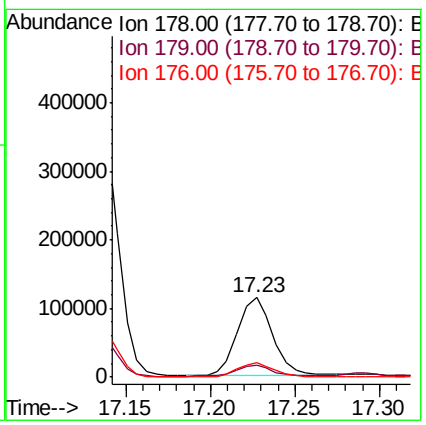


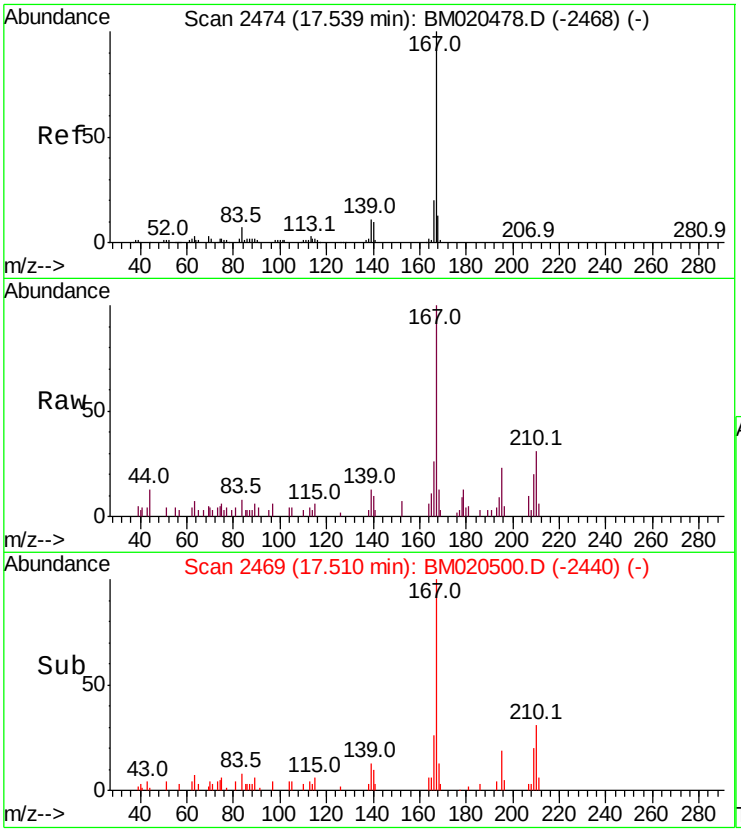


#71
Anthracene
Concen: 8.284 ng/ul
RT: 17.23 min Scan# 2421
Delta R.T. -0.04 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion:178 Resp: 169061

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	17.7	14.4	21.6



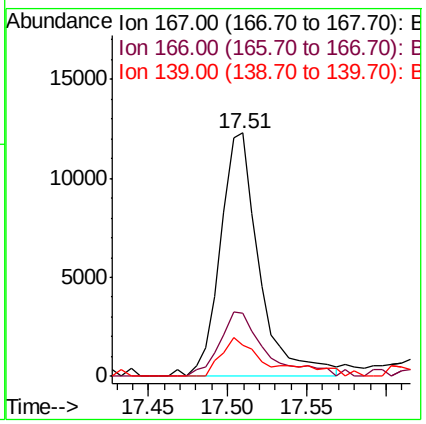


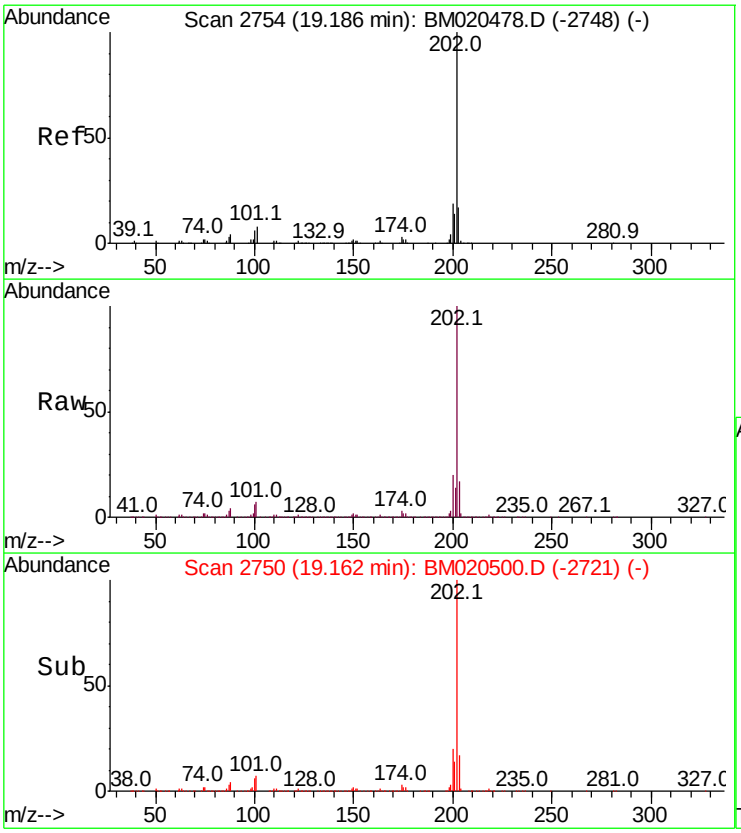
#74
Carbazole
Concen: 1.206 ng/ul
RT: 17.51 min Scan# 2469
Delta R.T. -0.03 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 20893

Ion	Ratio	Lower	Upper
167	100		
166	26.2	16.6	24.8#
139	12.8	9.8	14.8

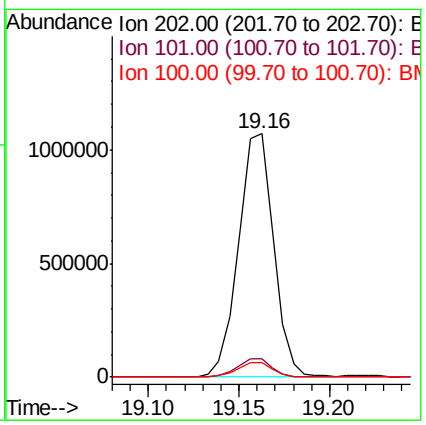


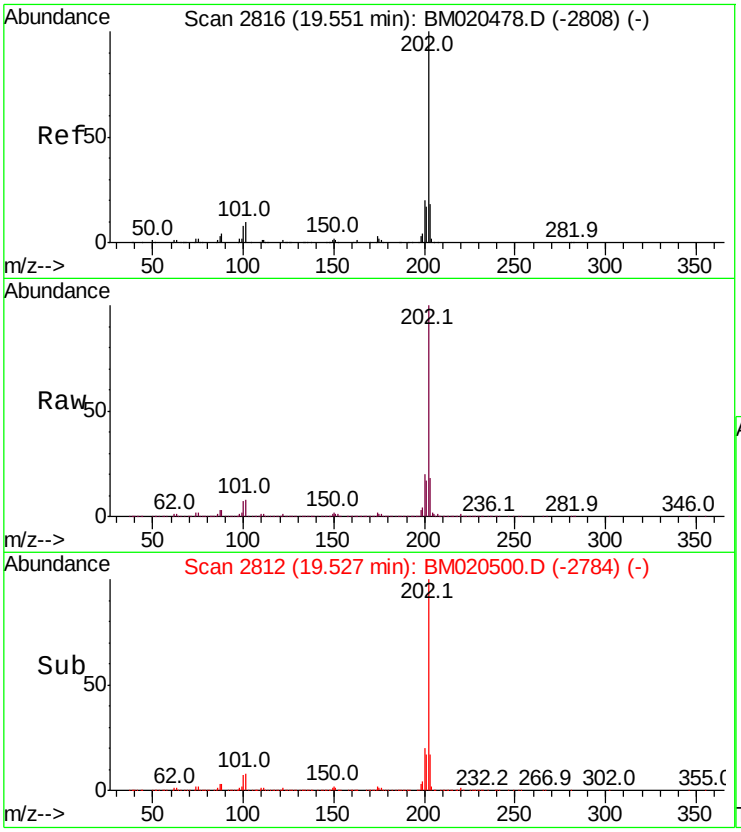


#76
Fluoranthene
Concen: 56.975 ng/ul
RT: 19.16 min Scan# 2750
Delta R.T. -0.03 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion:202 Resp: 1443977

Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.4	9.6
100	5.9	5.2	7.8



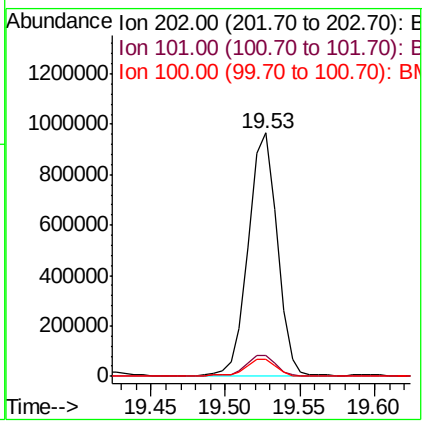


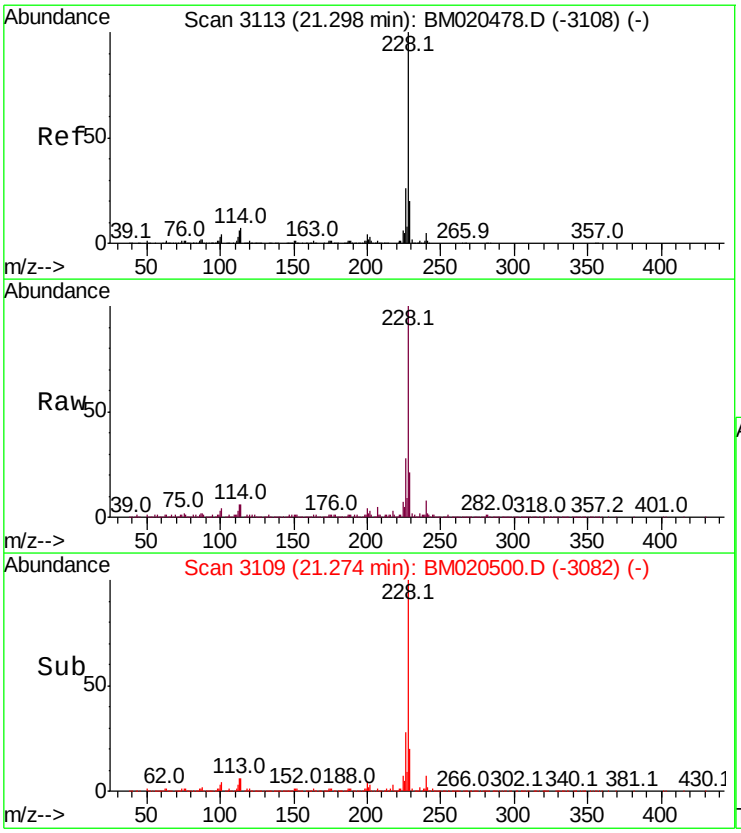
#79
Pyrene
Concen: 47.222 ng/ul
RT: 19.53 min Scan# 2812
Delta R.T. -0.04 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1286975

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.1	10.7
100	7.2	5.9	8.9

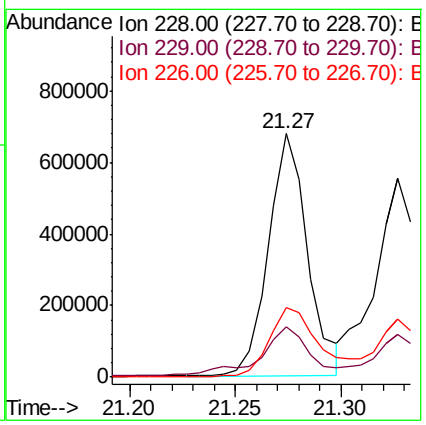


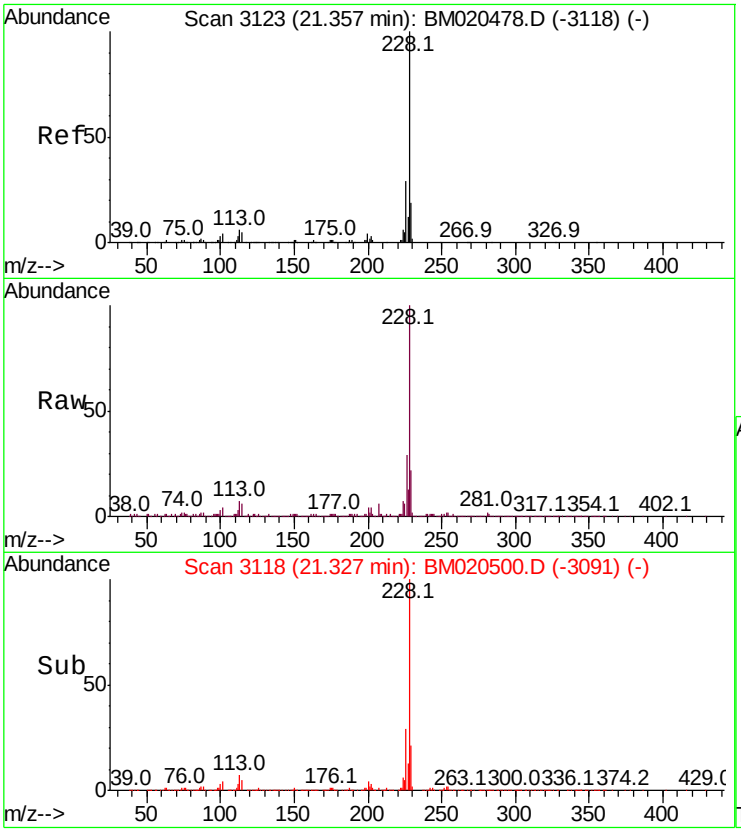


#82
Benzo(a)anthracene
Concen: 32.231 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.04 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion:228 Resp: 880827

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	28.3	20.6	30.8



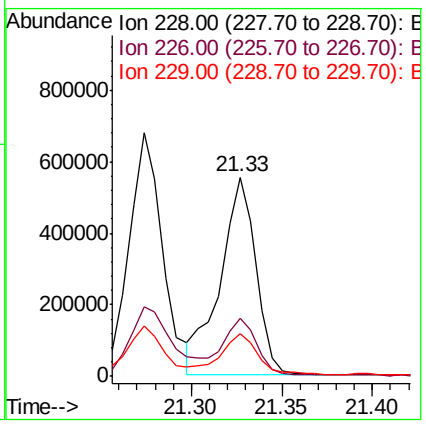


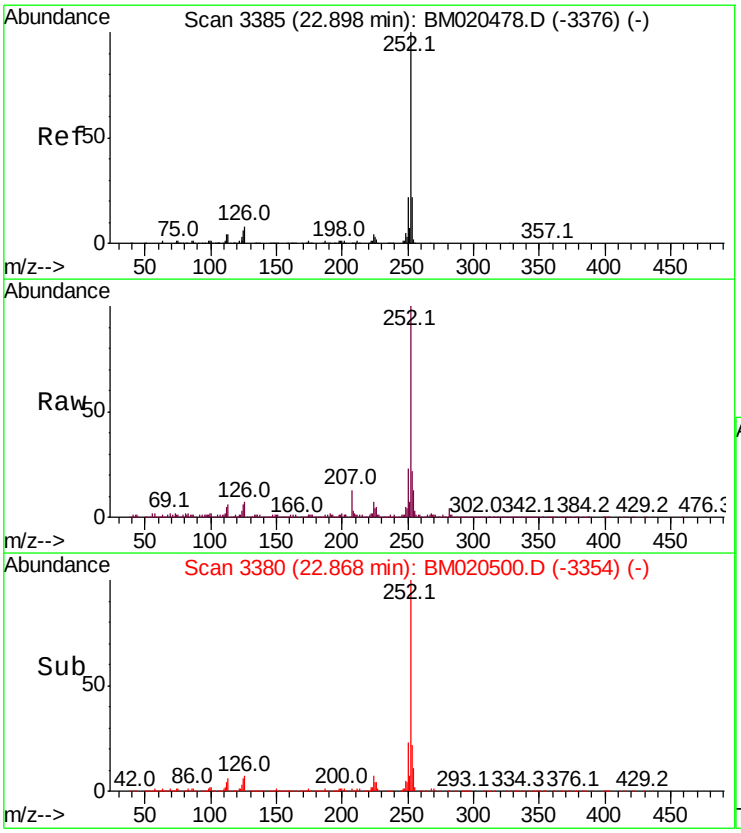
#84
Chrysene
Concen: 29.163 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. -0.04 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 761639

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.4
229	21.8	15.4	23.2

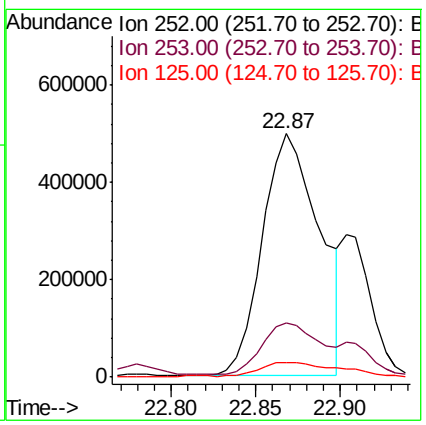


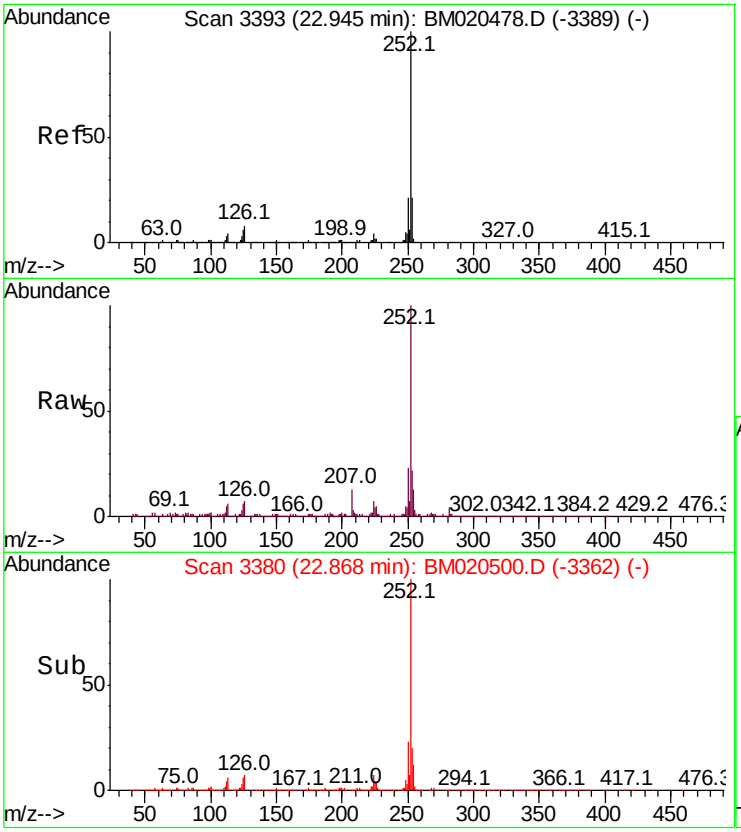


#87
Benzo(b)fluoranthene
Concen: 38.812 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. -0.05 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion:252 Resp: 1171680

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	6.1	5.0	7.4



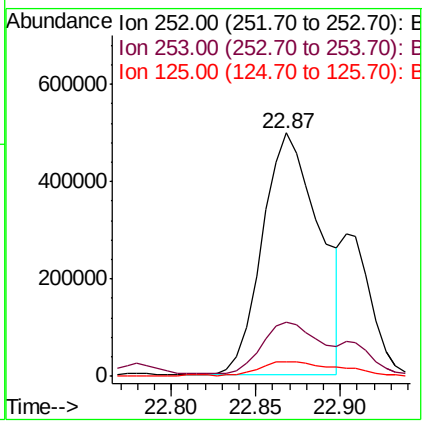


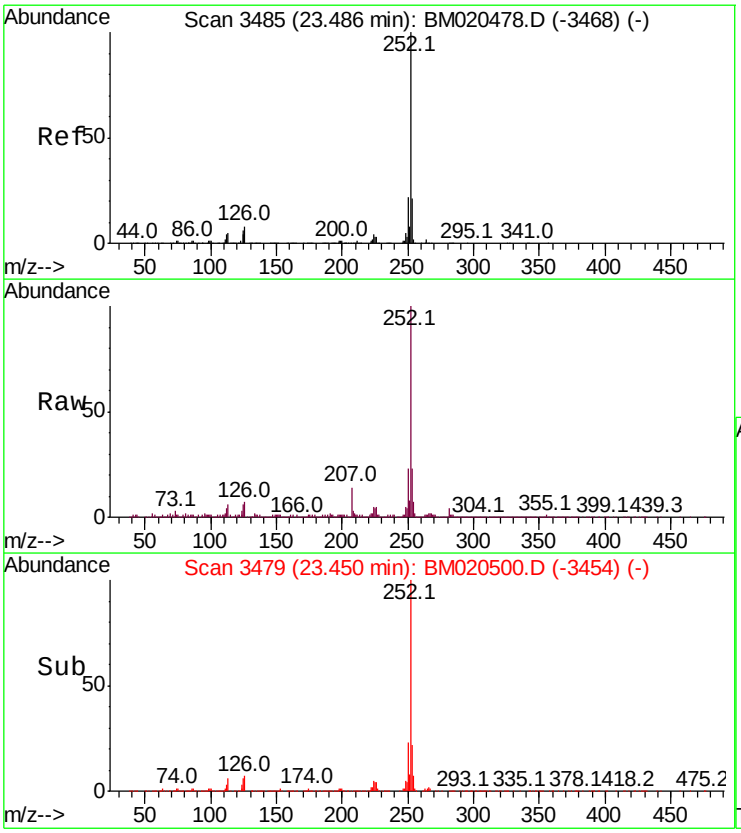
#88
Benzo(k)fluoranthene
Concen: 39.514 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. -0.09 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1171680

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	6.1	5.0	7.6

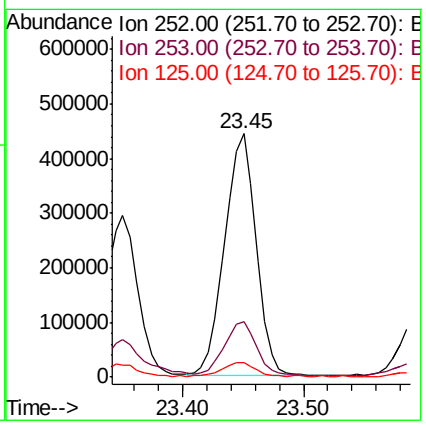


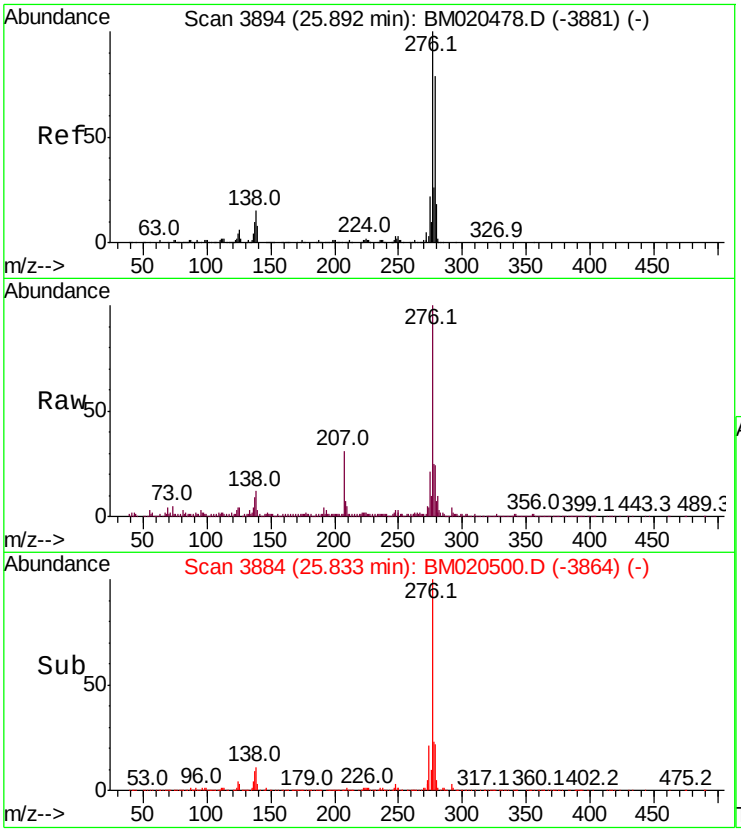


#90
Benzo(a)pyrene
Concen: 28.114 ng/ul
RT: 23.45 min Scan# 3479
Delta R.T. -0.05 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion:252 Resp: 798707

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	6.0	5.4	8.2



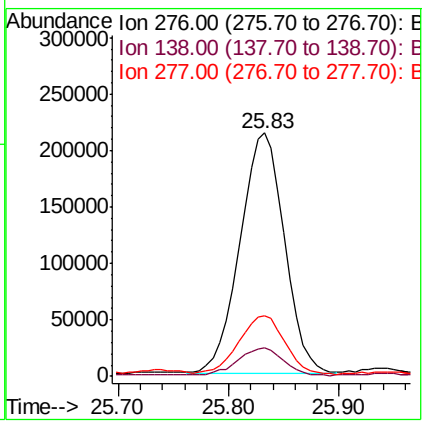


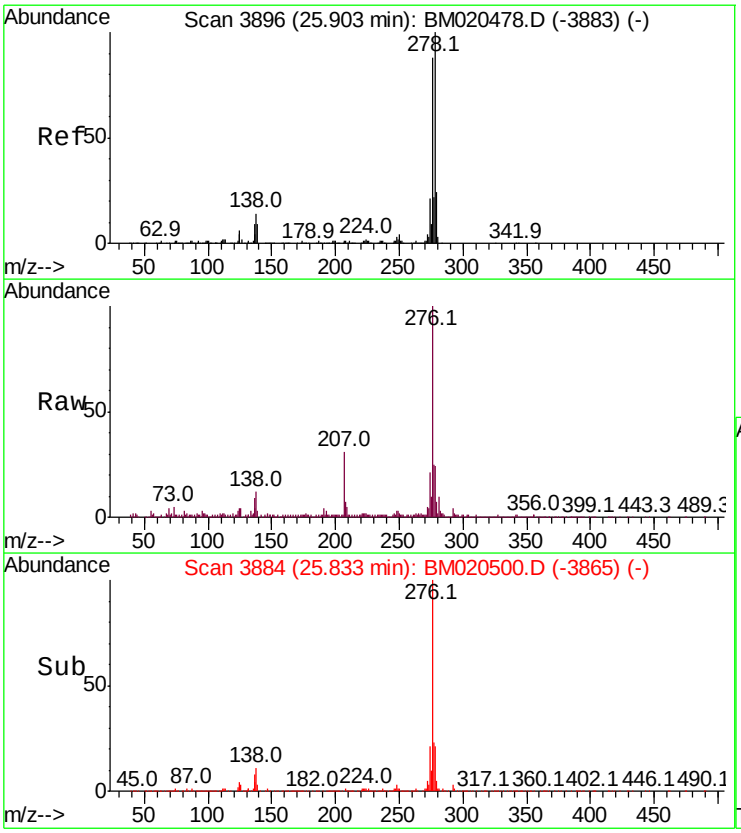
#91
Indeno(1,2,3-cd)pyrene
Concen: 18.620 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.08 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 602775

Ion	Ratio	Lower	Upper
276	100		
138	11.6	12.3	18.5#
277	24.9	20.0	30.0

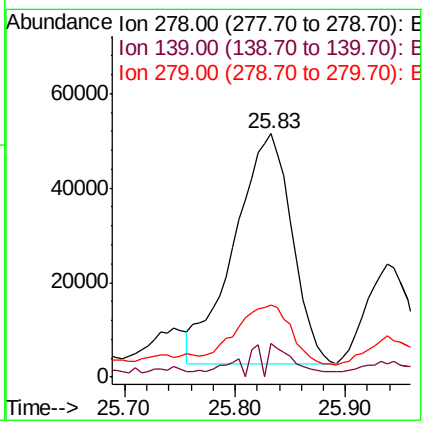


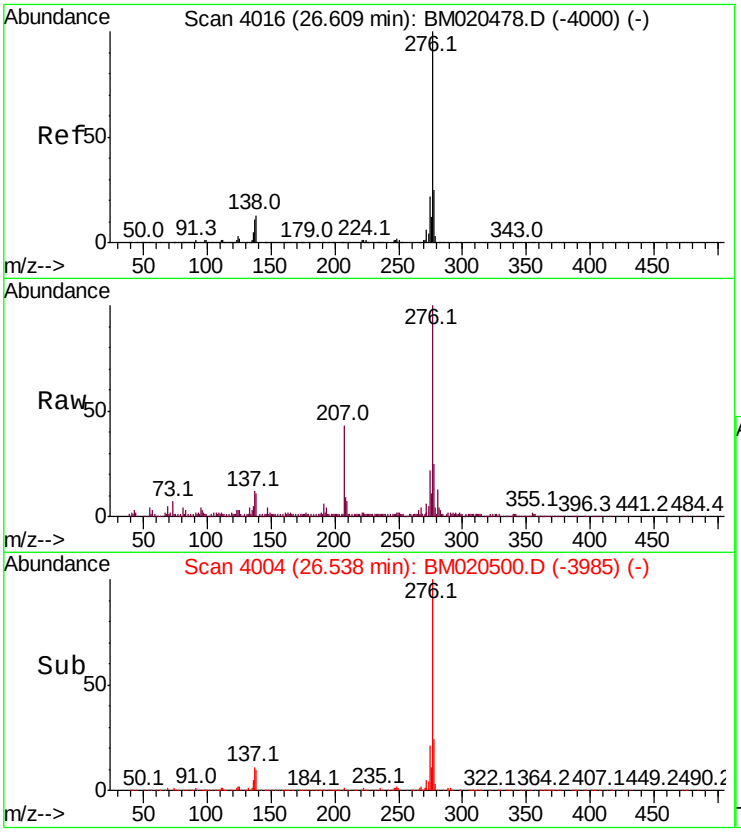


#92
Dibenzo(a,h)anthracene
Concen: 6.401 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.09 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Tgt Ion:278 Resp: 177209

Ion	Ratio	Lower	Upper
278	100		
139	13.8	8.1	12.1#
279	29.8	18.7	28.1#





#93
Benzo(g,h,i)perylene
Concen: 18.428 ng/ul
RT: 26.54 min Scan# 4004
Delta R.T. -0.09 min
Lab File: BM020500.D
Acq: 22 May 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 493799

Ion	Ratio	Lower	Upper
276	100		
138	10.9	10.0	15.0
277	25.3	18.2	27.4