Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020400.D
Acq On : 18 May 2019 13:36
Operator : JU/SJ
Sample : K2604-20MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 20 07:12:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	66204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	255832	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	158529	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	371358	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	379775	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	424435	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1130	0.63	ng/uL	0.01
5) Phenol-d5	6.90	99	12564	2.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	9602	2.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	11979	3.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	8772	2.28	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	4941	2.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	4009	2.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	9882	2.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	7406	1.85	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	39533	3.47	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	49382	3.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	137	0.08	ng/ul	-0.01
57) Fluorene-d10	15.37	176	38427	3.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	1233	0.58	ng/ul	0.00
70) Anthracene-d10	17.23	188	55978	3.51	ng/ul	0.00
78) Pyrene-d10	19.53	212	66520	3.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	65462	3.39	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.82	117	8341	4.468	ng/ul#	1
28) Naphthalene	10.58	128	3672972	312.485	ng/ul	100
30) 4-Chloroaniline	10.58	127	477281	116.397	ng/ul#	15
34) 2-Methylnaphthalene	12.19	142	1434903	168.605	ng/ul	98
40) 1,1'-Biphenyl	13.21	154	175621	15.474	ng/ul	97
42) 2-Nitroaniline	13.53	65	2506	1.083	ng/ul#	24
47) Acenaphthylene	14.10	152	1063656	79.060	ng/ul	98
49) Acenaphthene	14.45	153	66487	7.189	ng/ul	96
53) Dibenzofuran	14.78	168	76646	5.472	ng/ul	97
58) Fluorene	15.43	166	491945	43.844	ng/ul	100
60) 4-Nitroaniline	15.43	138	5639	3.133	ng/ul#	4
69) Phenanthrene	17.17	178	2361055	133.436	ng/ul	99
71) Anthracene	17.26	178	484508	26.919	ng/ul	100
76) Fluoranthene	19.19	202	857520	38.365	ng/ul	100
79) Pyrene	19.56	202	1247234	54.716	ng/ul	98
82) Benzo(a)anthracene	21.36	228	372865	16.312	ng/ul	94
84) Chrysene	21.36	228	372865	17.069	ng/ul	96
87) Benzo(b)fluoranthene	22.91	252	365131	15.073	ng/ul#	96
88) Benzo(k)fluoranthene	22.91	252	365131	15.346	ng/ul#	97
90) Benzo(a)pyrene	23.49	252	315314	13.832	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.89	276	123507	4.755	ng/ul	98
92) Dibenzo(a,h)anthracene	25.89	278	35856	1.614	ng/ul	95
93) Benzo(g,h,i)perylene	26.60	276	123494	5.743	ng/ul	96

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
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Instrument :
BNA_M
ClientSampleId :

Quant Time: May 20 07:12:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

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

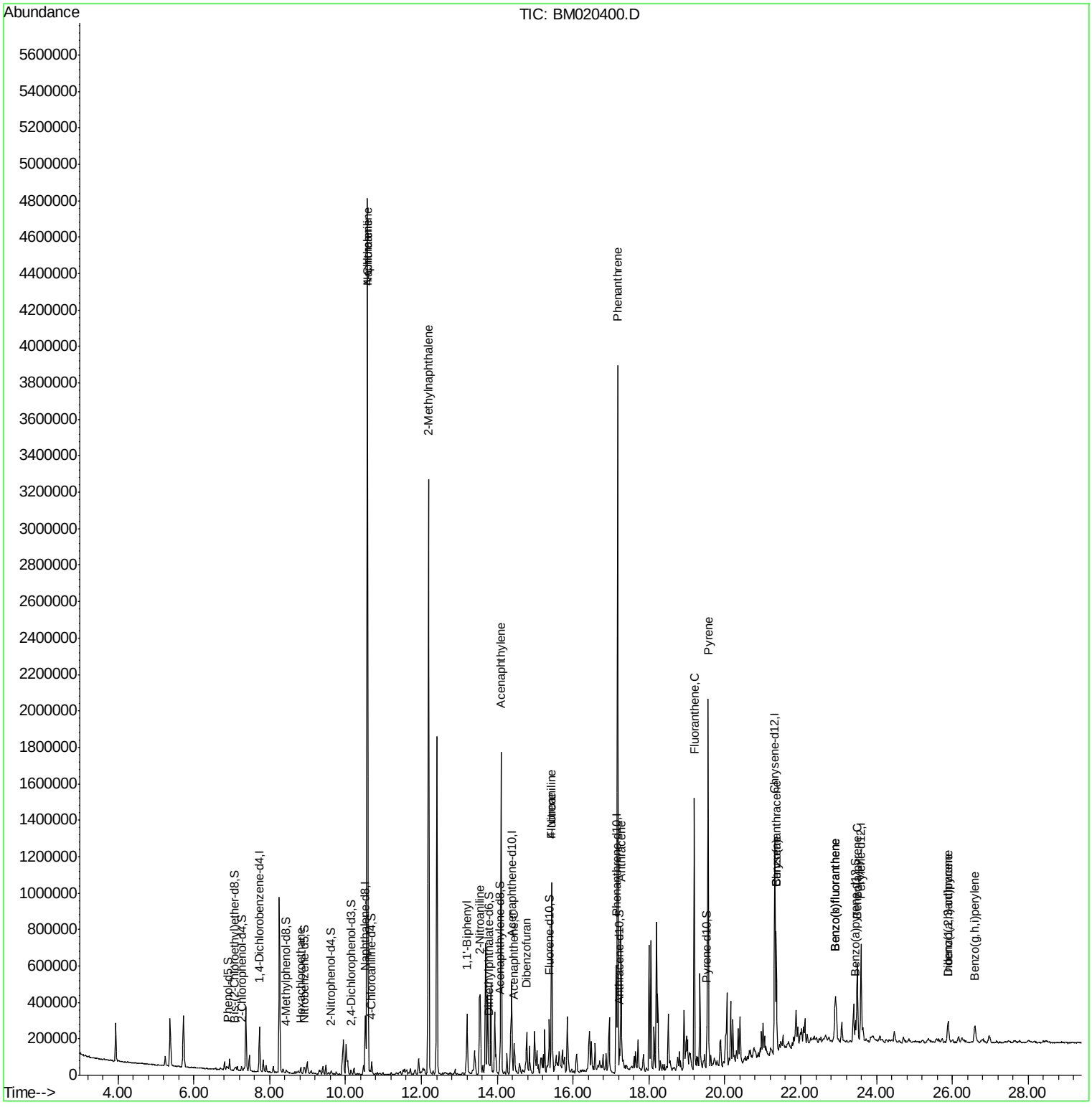
(#) = qualifier out of range (m) = manual integration (+) = signals summed

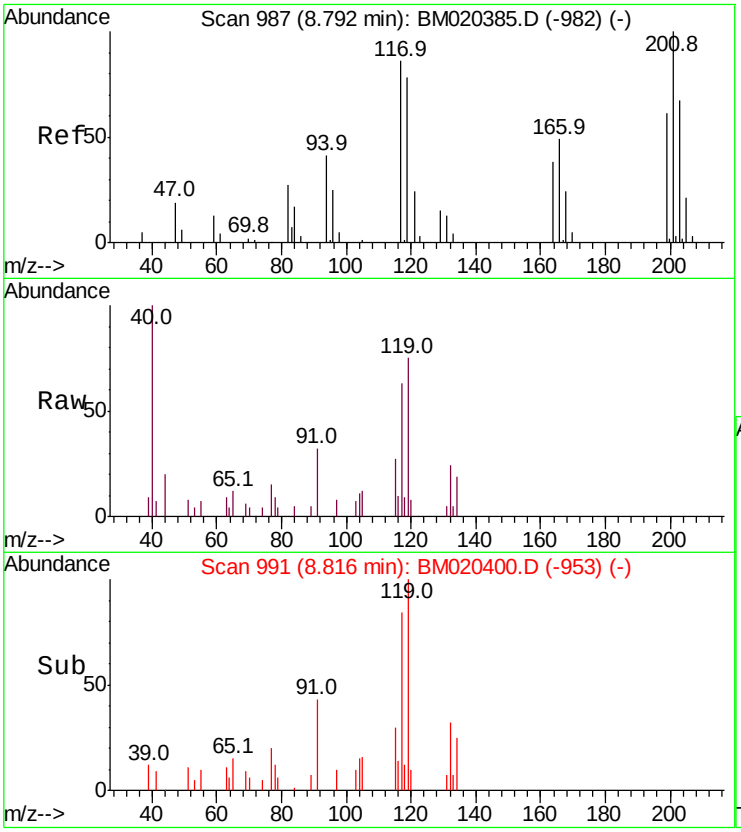
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020400.D
Acq On : 18 May 2019 13:36
Operator : JU/SJ
Sample : K2604-20MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 20 07:12:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration



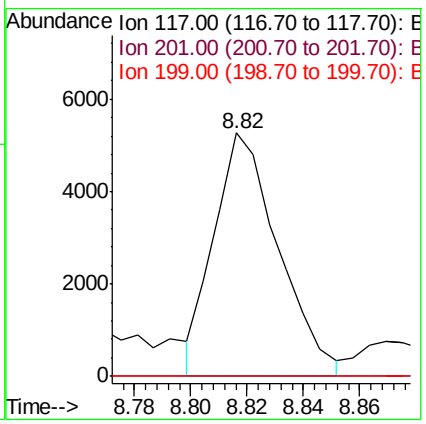


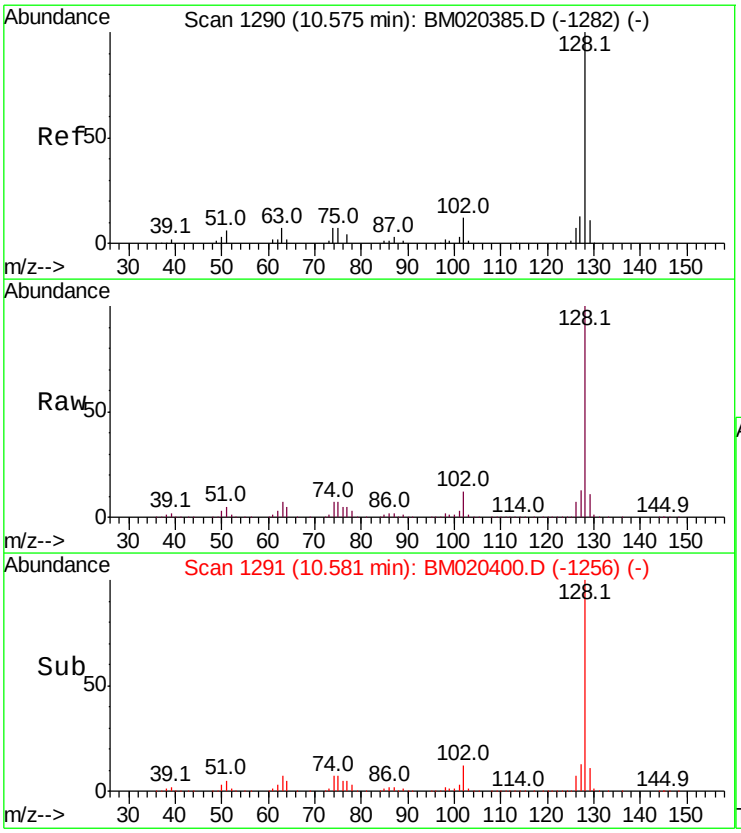
#17
Hexachloroethane
Concen: 4.468 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. 0.02 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 8341

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

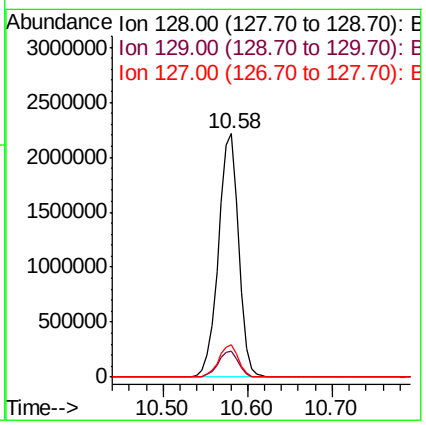


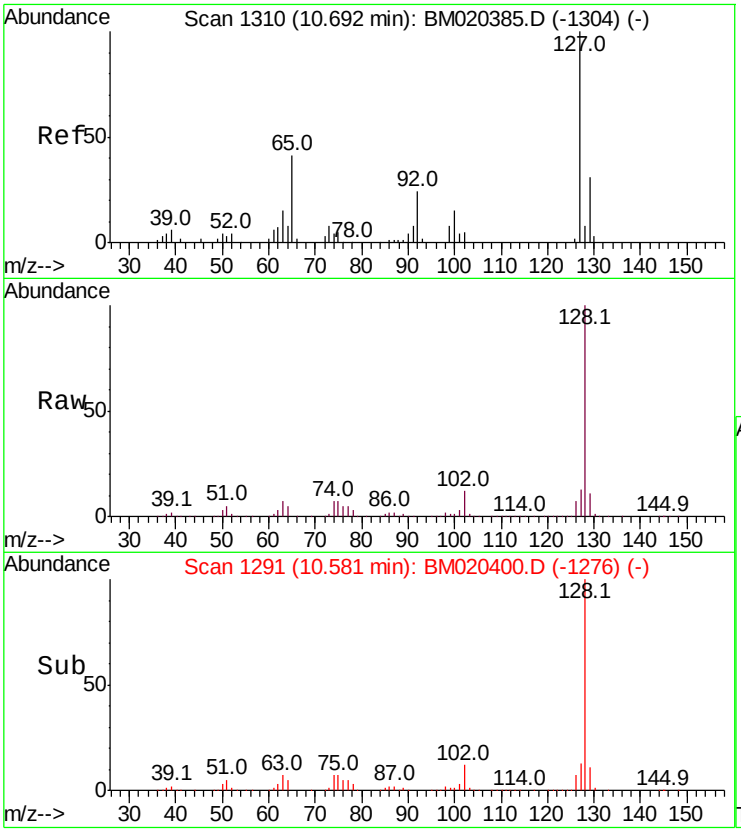


#28
Naphthalene
Concen: 312.485 ng/ul
RT: 10.58 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Tgt Ion:128 Resp: 3672972

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.2	10.6	15.8



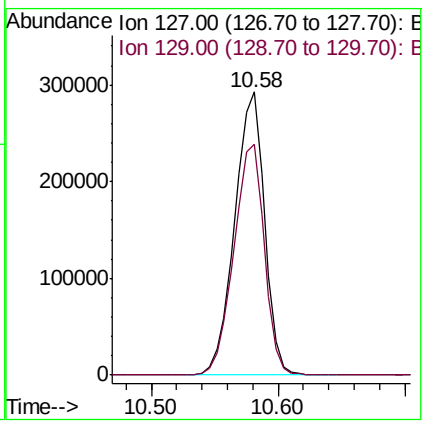


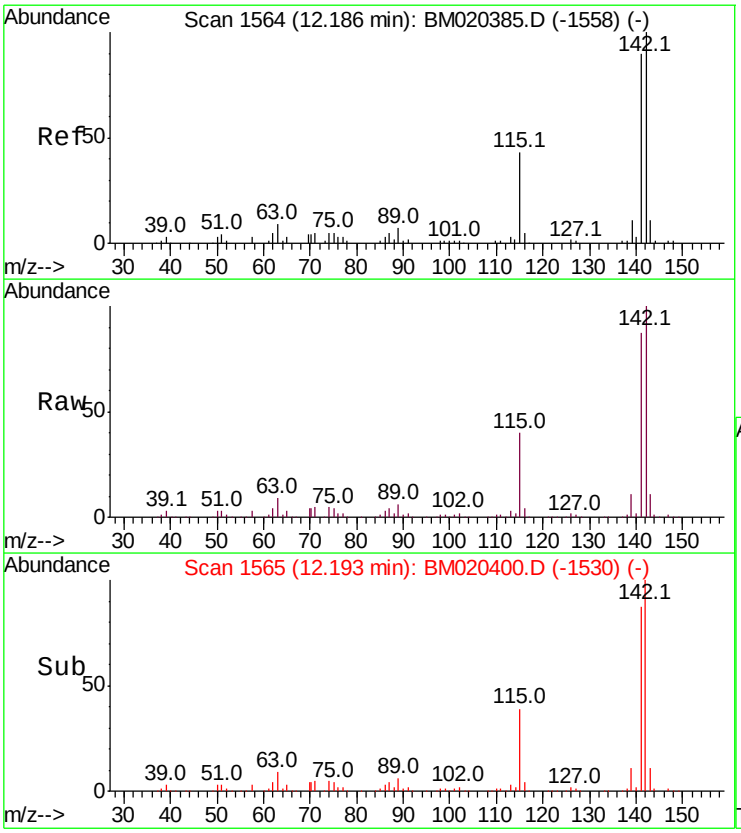
#30
4-Chloroaniline
Concen: 116.397 ng/ul
RT: 10.58 min Scan# 1291
Delta R.T. -0.11 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 477281

Ion	Ratio	Lower	Upper
127	100		
129	81.4	26.5	39.7#

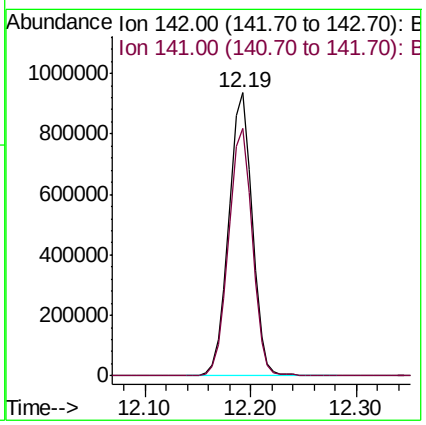


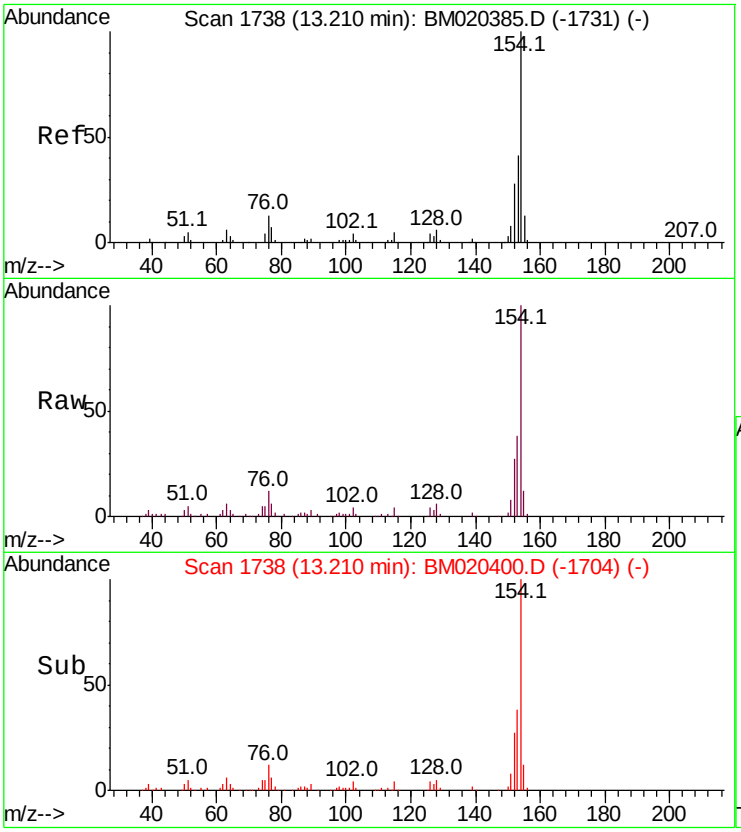


#34
2-Methylnaphthalene
Concen: 168.605 ng/ul
RT: 12.19 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Tgt Ion:142 Resp: 1434903

Ion	Ratio	Lower	Upper
142	100		
141	87.5	68.6	102.8



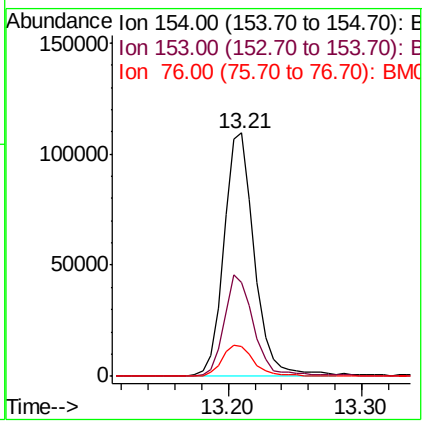


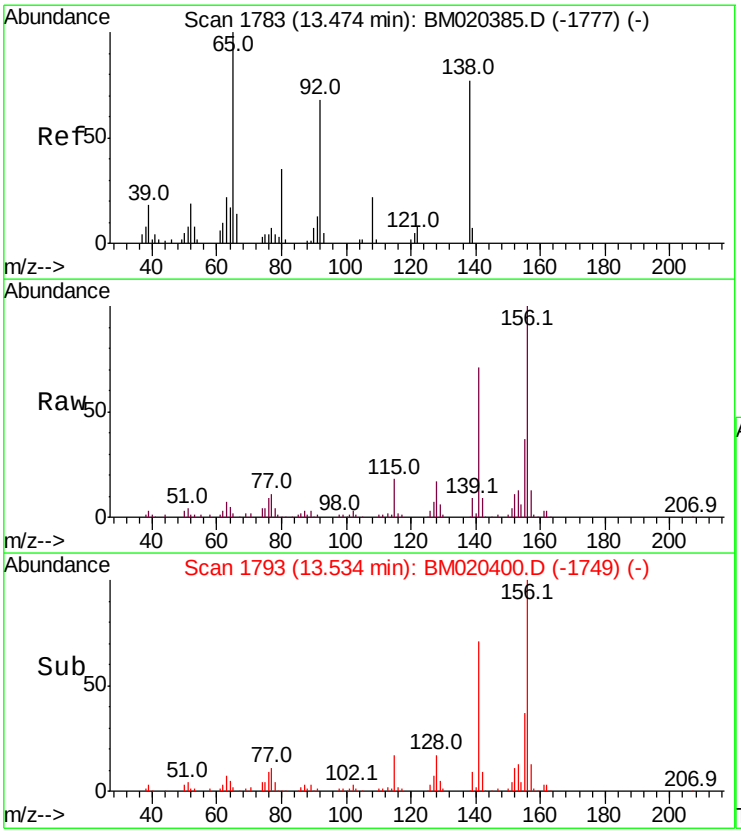
#40
1,1'-Biphenyl
Concen: 15.474 ng/ul
RT: 13.21 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 175621

Ion	Ratio	Lower	Upper
154	100		
153	38.3	32.2	48.4
76	12.4	11.0	16.4

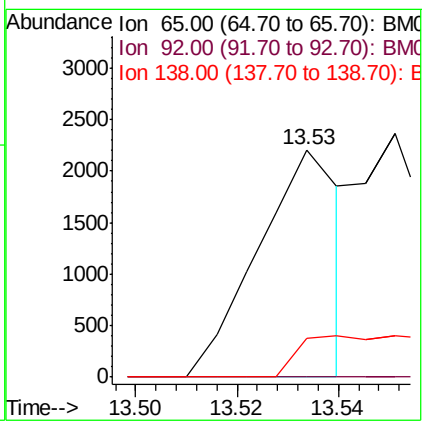


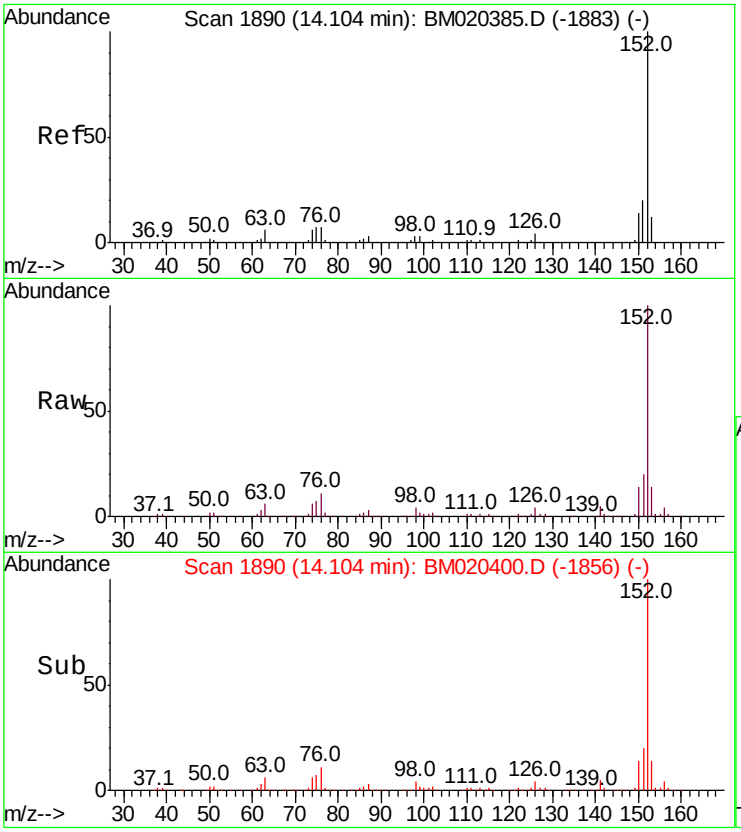


#42
2-Nitroaniline
Concen: 1.083 ng/ul
RT: 13.53 min Scan# 1793
Delta R.T. 0.06 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Tgt Ion: 65 Resp: 2506

Ion	Ratio	Lower	Upper
65	100		
92	0.0	50.9	76.3#
138	17.0	64.2	96.2#



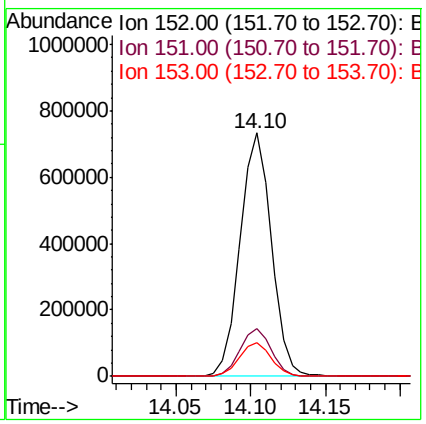


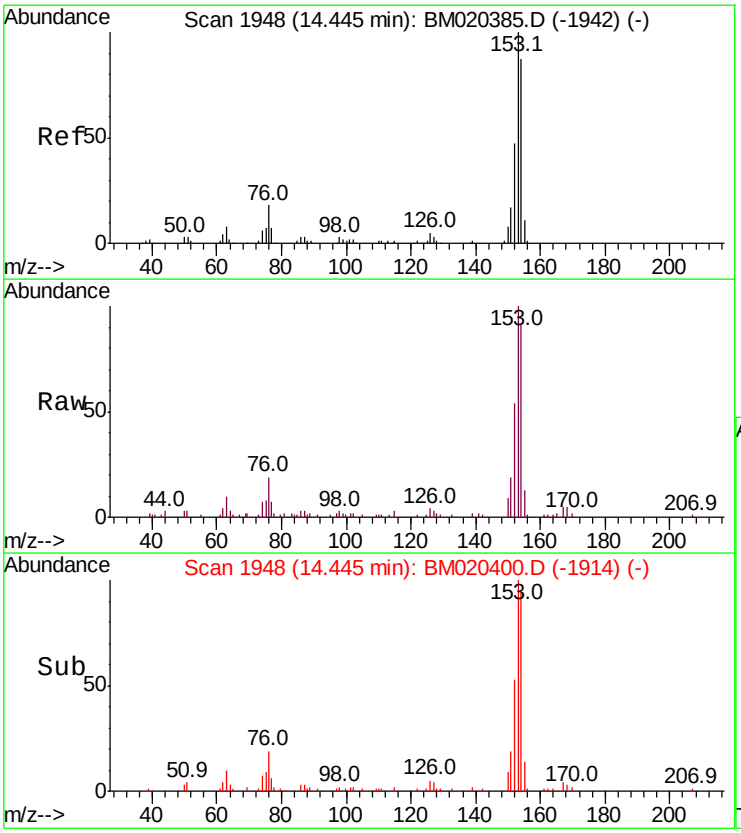
#47
Acenaphthylene
Concen: 79.060 ng/ul
RT: 14.10 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 1063656

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0
153	13.9	10.3	15.5

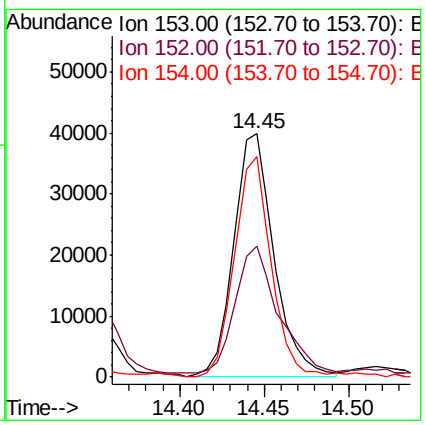


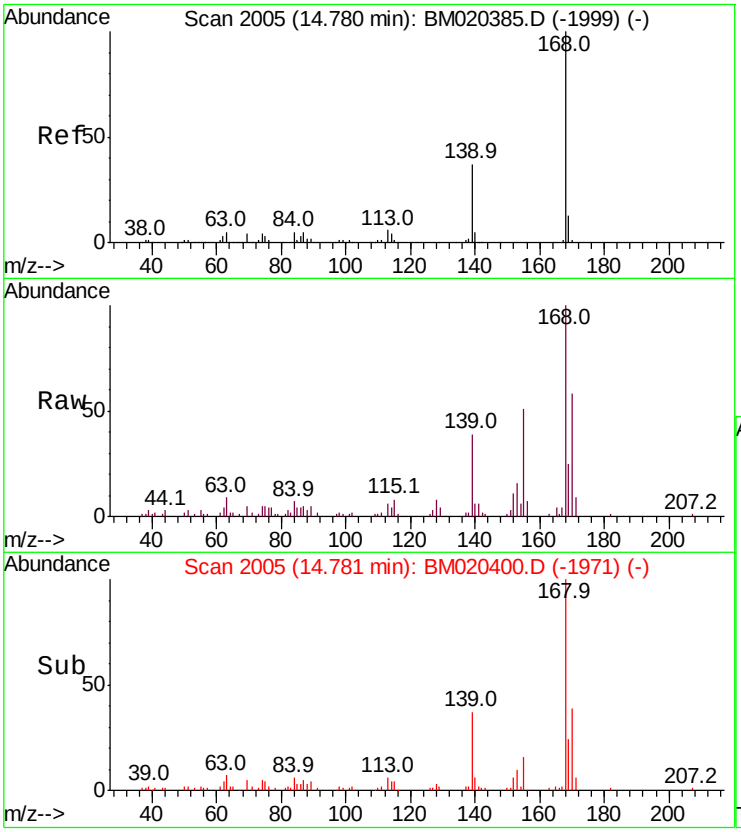


#49
Acenaphthene
Concen: 7.189 ng/ul
RT: 14.45 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Tgt Ion:153 Resp: 66487

Ion	Ratio	Lower	Upper
153	100		
152	53.6	37.9	56.9
154	90.6	71.2	106.8



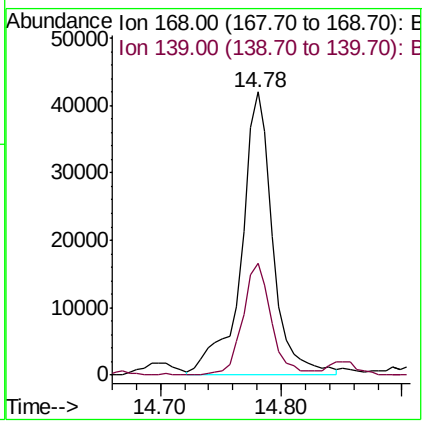


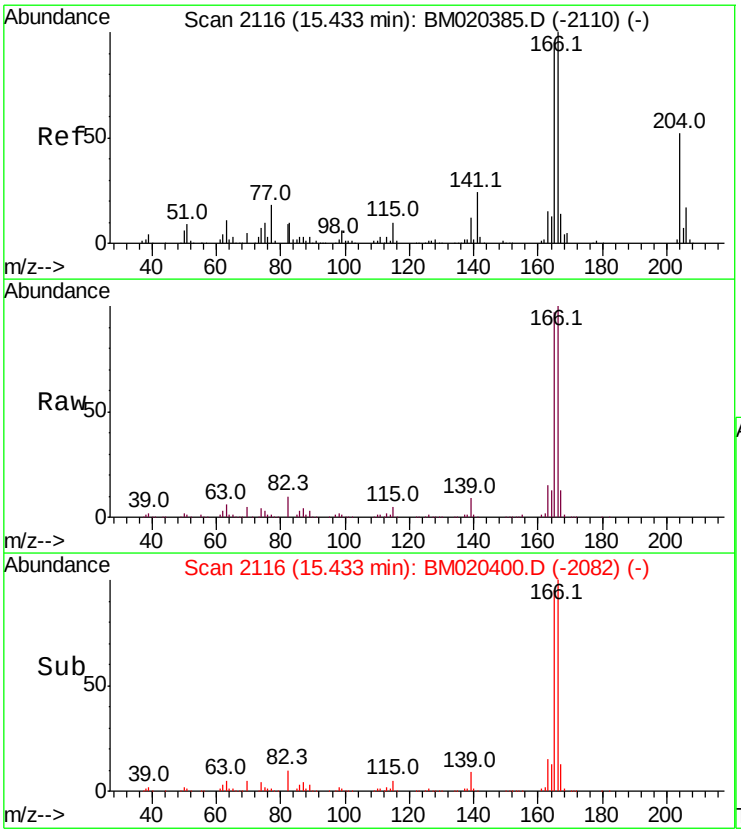
#53
Dibenzofuran
Concen: 5.472 ng/ul
RT: 14.78 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 76646

Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.1	45.1

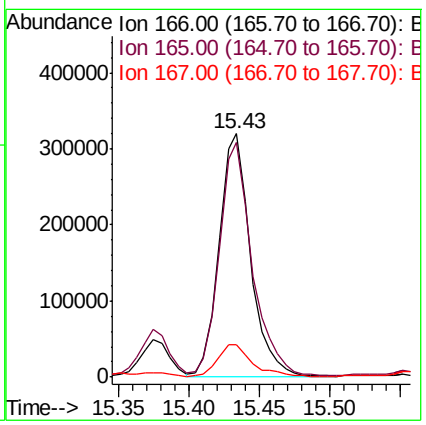


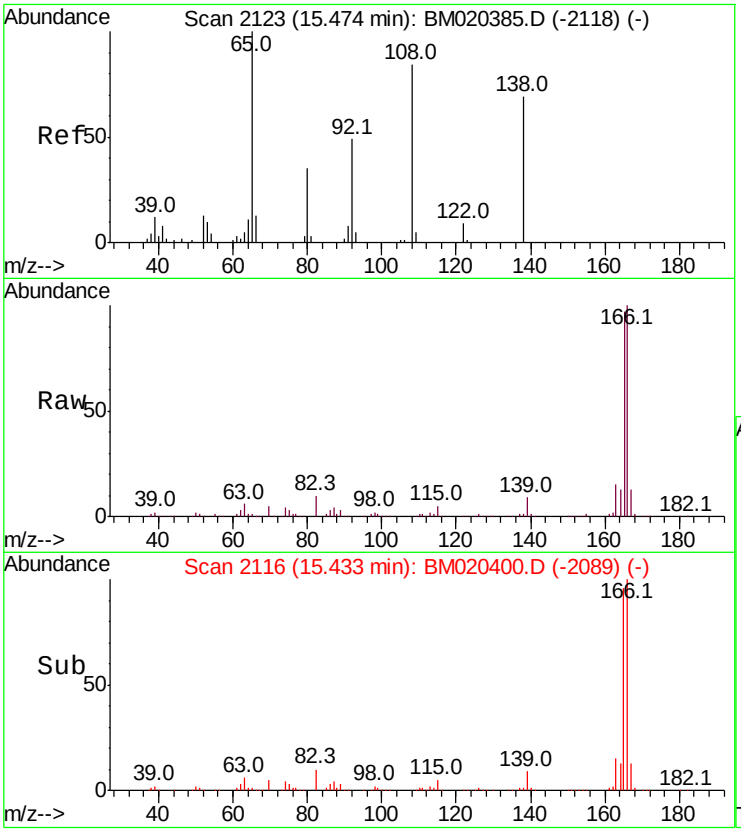


#58
Fluorene
Concen: 43.844 ng/ul
RT: 15.43 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Tgt Ion:166 Resp: 491945

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.1	115.7
167	13.4	11.1	16.7



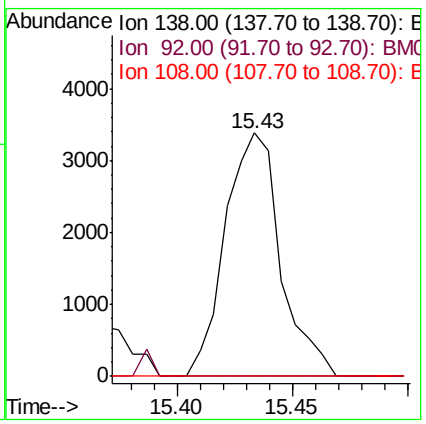


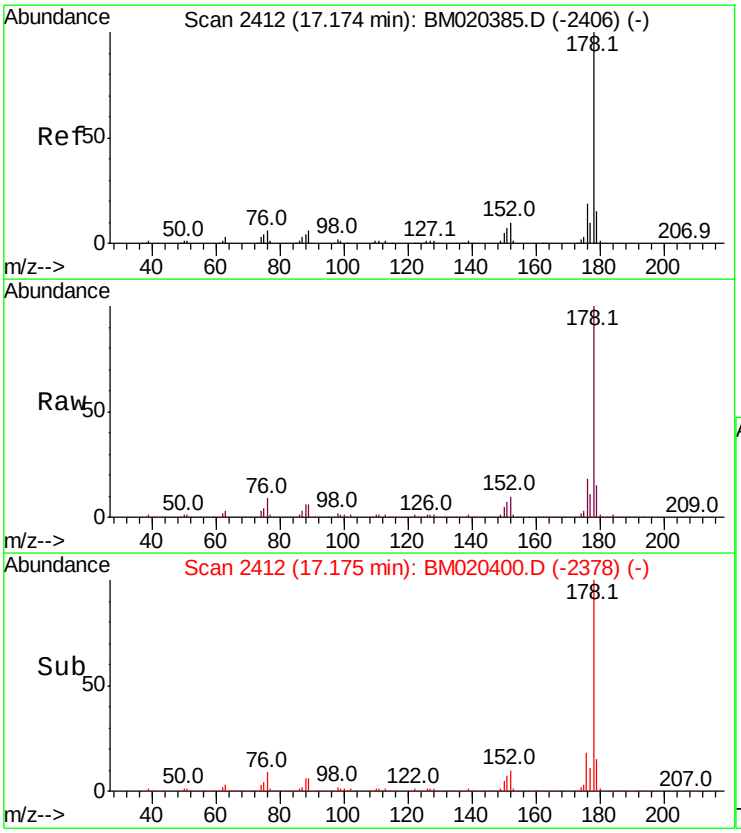
#60
4-Nitroaniline
Concen: 3.133 ng/ul
RT: 15.43 min Scan# 2116
Delta R.T. -0.04 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 5639

Ion	Ratio	Lower	Upper
138	100		
92	0.0	52.2	78.4#
108	0.0	86.6	130.0#

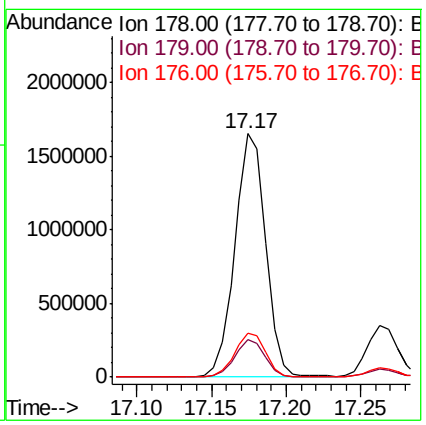


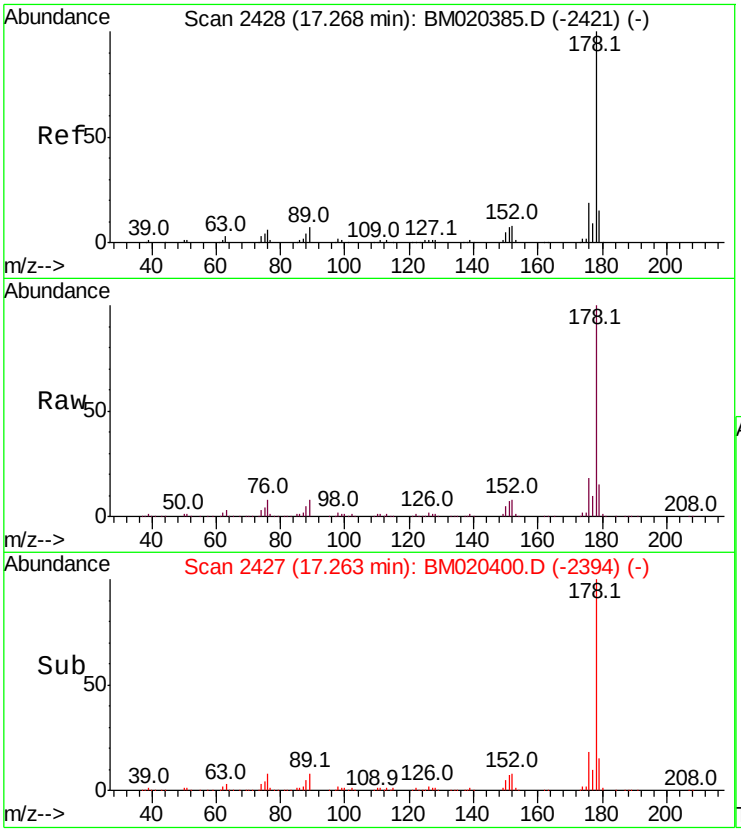


#69
Phenanthrene
Concen: 133.436 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Tgt Ion:178 Resp: 2361055

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.9	17.9
176	18.2	14.6	22.0



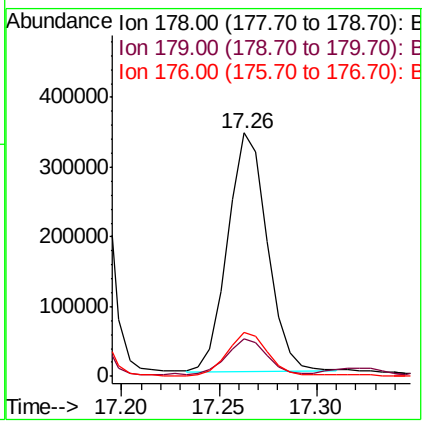


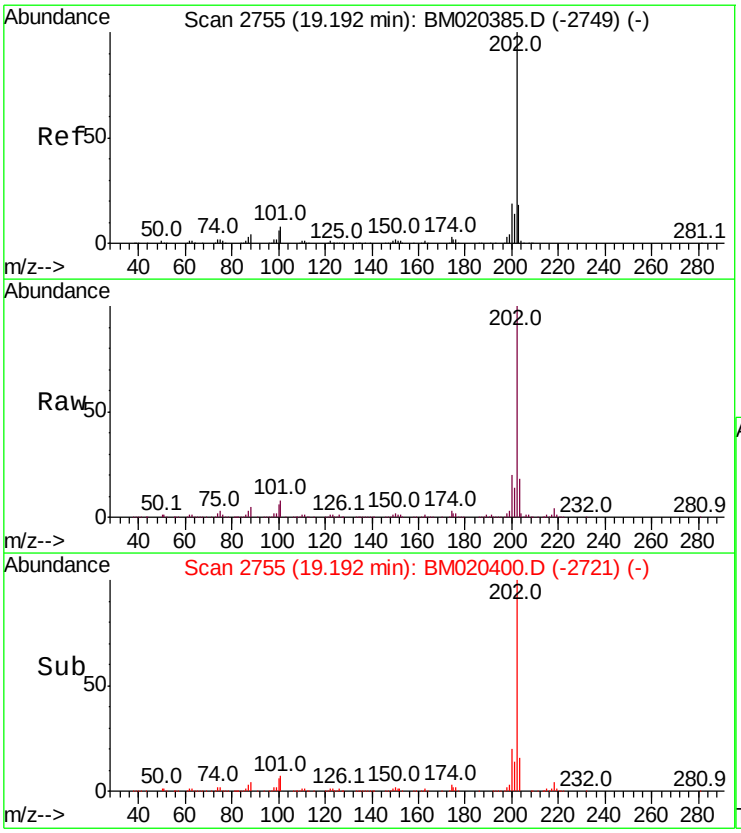
#71
Anthracene
Concen: 26.919 ng/ul
RT: 17.26 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 484508

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	17.9	14.4	21.6

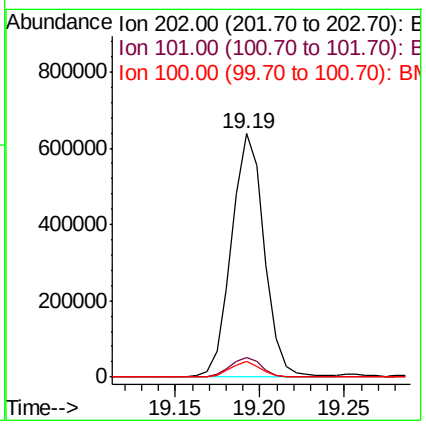


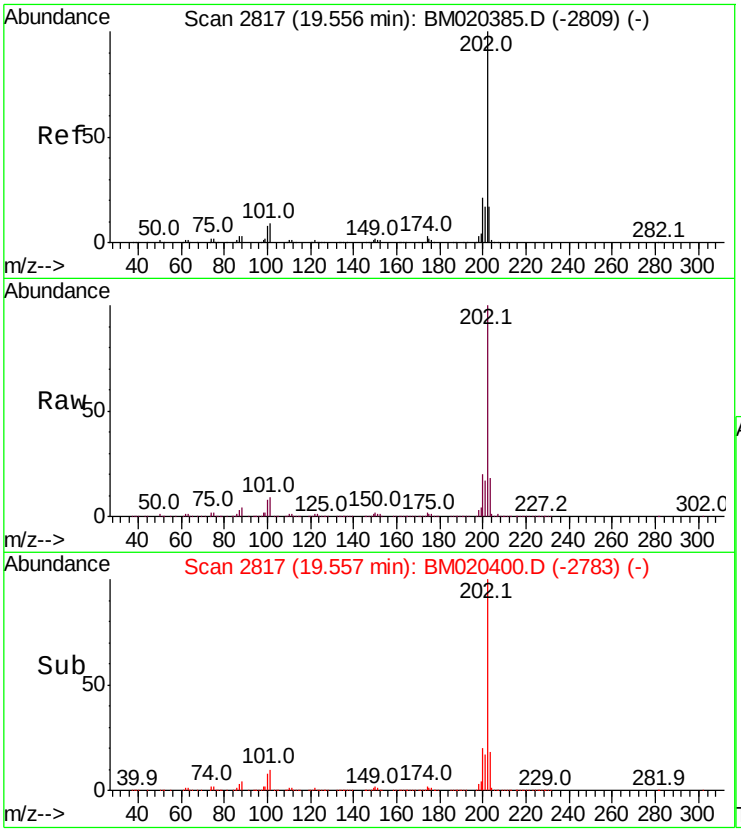


#76
Fluoranthene
Concen: 38.365 ng/ul
RT: 19.19 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Tgt Ion:202 Resp: 857520

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.4	9.6
100	6.3	5.2	7.8



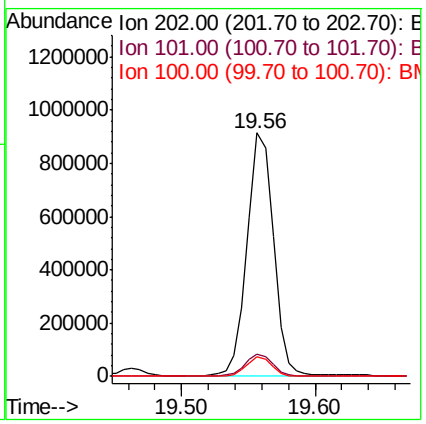


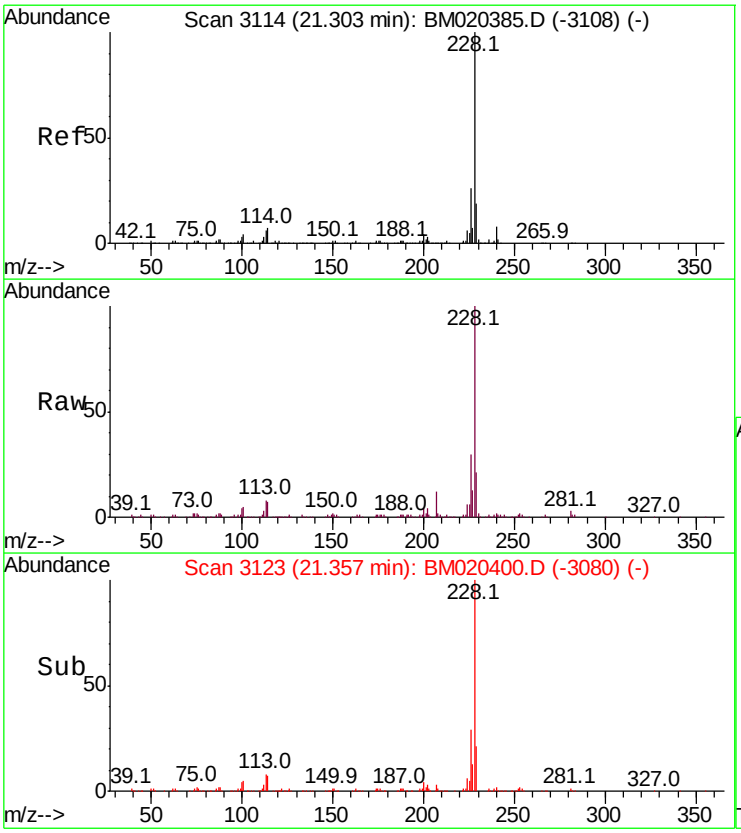
#79
Pyrene
Concen: 54.716 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1247234

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.1	10.7
100	8.2	5.9	8.9

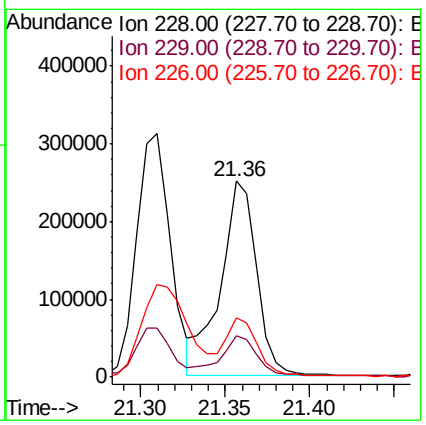


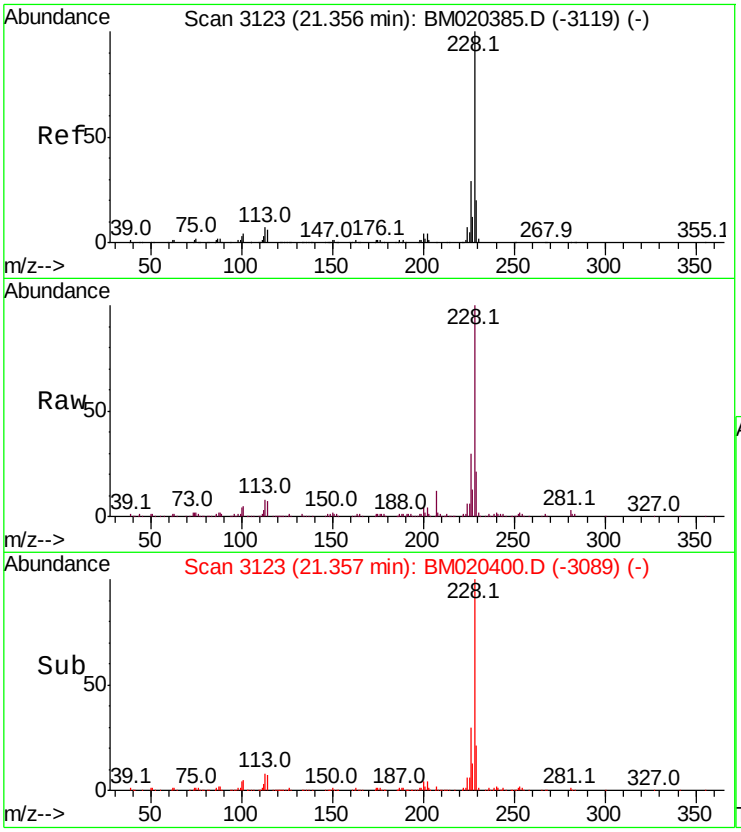


#82
Benzo(a)anthracene
Concen: 16.312 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. 0.05 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Tgt Ion:228 Resp: 372865

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.8
226	30.1	20.6	30.8



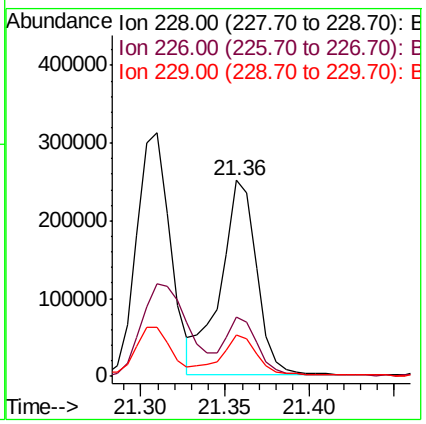


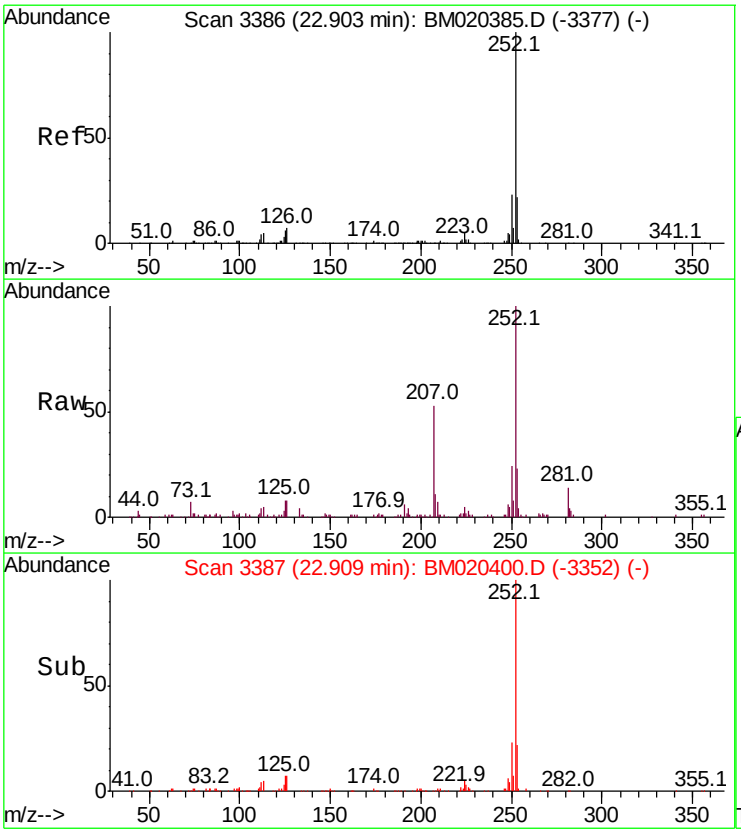
#84
Chrysene
Concen: 17.069 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 372865

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.2	33.4
229	21.3	15.4	23.2

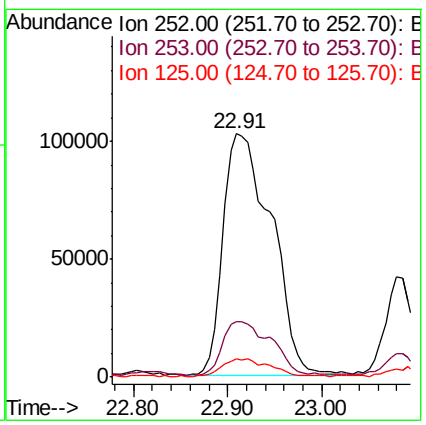


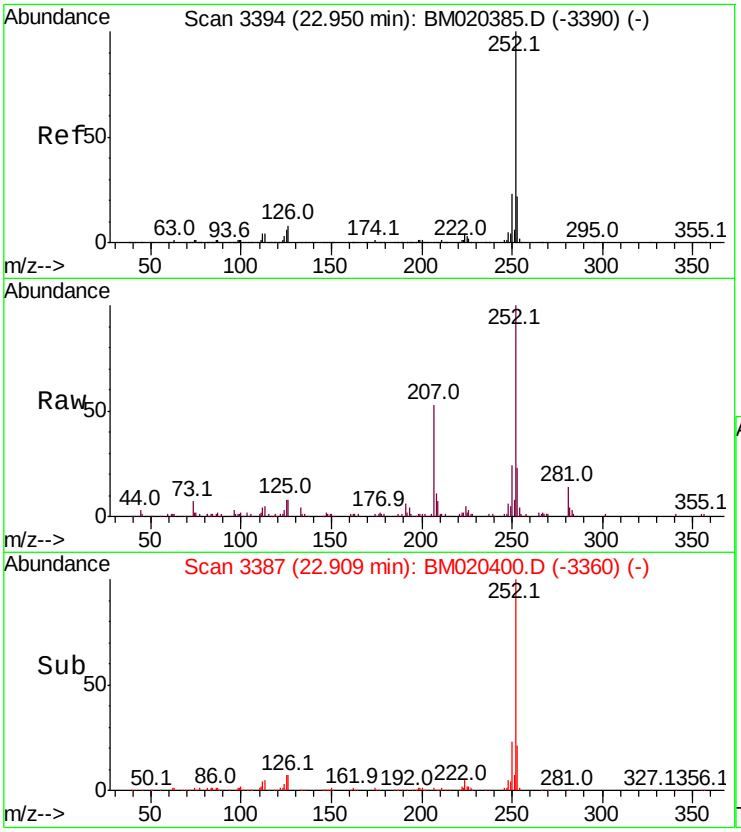


#87
Benzo(b)fluoranthene
Concen: 15.073 ng/ul
RT: 22.91 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Tgt Ion:252 Resp: 365131

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	7.7	5.0	7.4#



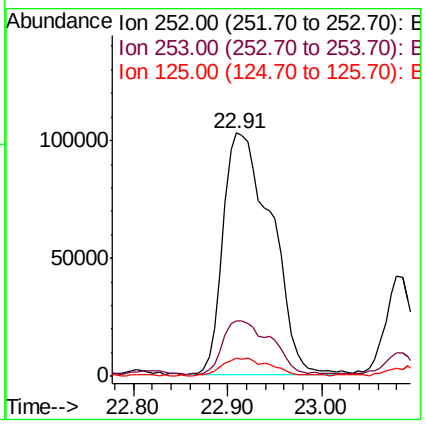


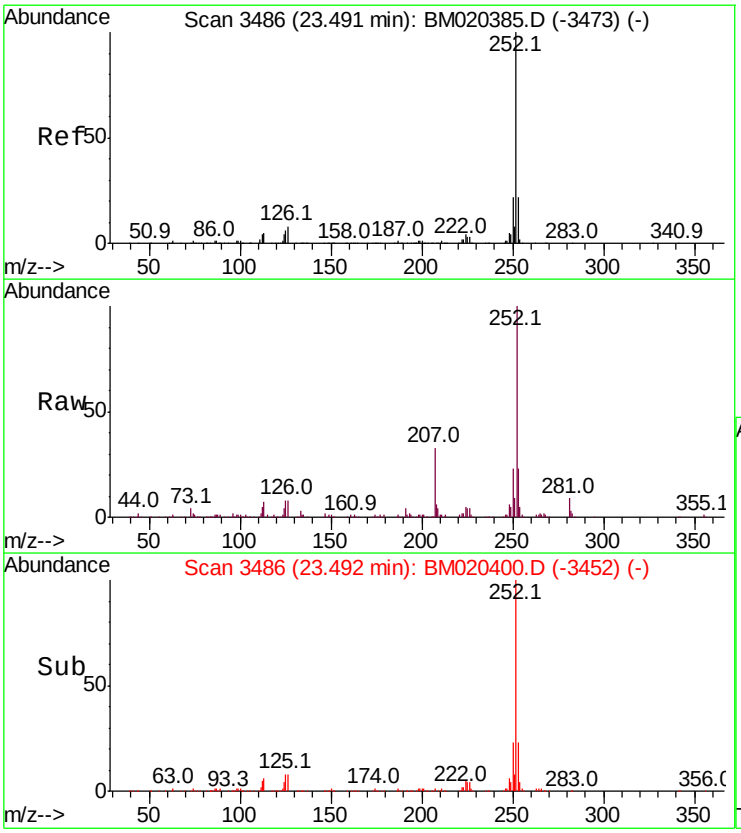
#88
Benzo(k)fluoranthene
Concen: 15.346 ng/ul
RT: 22.91 min Scan# 3387
Delta R.T. -0.04 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 365131

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	7.7	5.0	7.6#

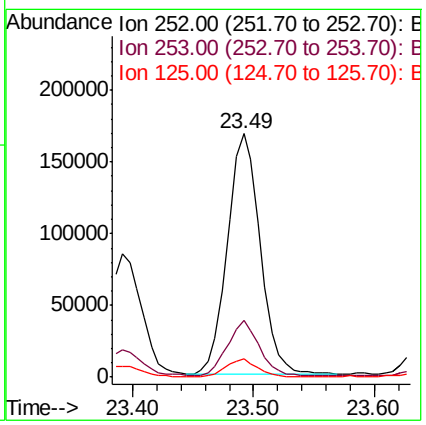


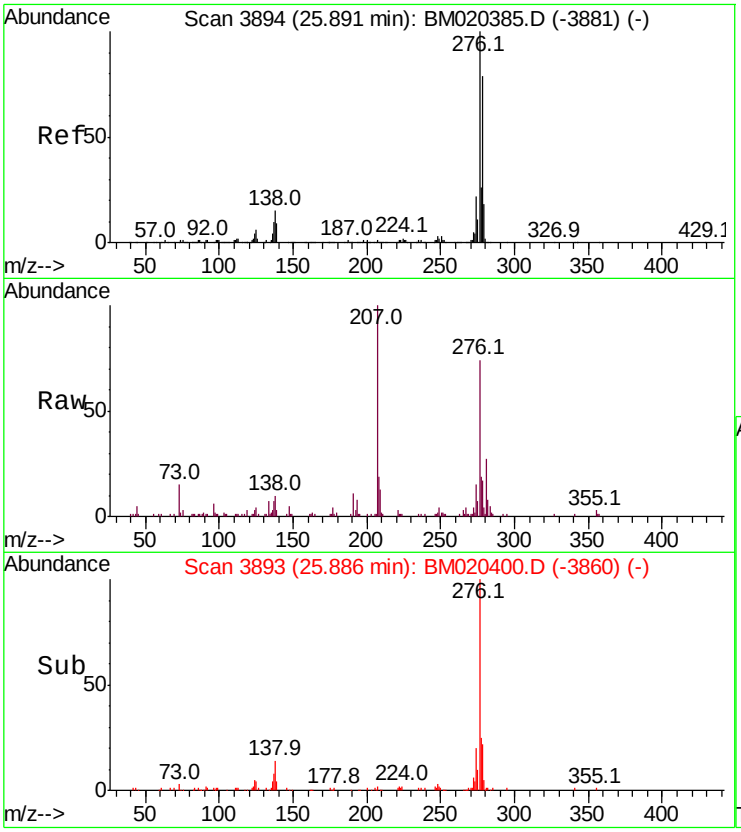


#90
Benzo(a)pyrene
Concen: 13.832 ng/ul
RT: 23.49 min Scan# 3486
Delta R.T. 0.00 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Tgt Ion:252 Resp: 315314

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	7.7	5.4	8.2



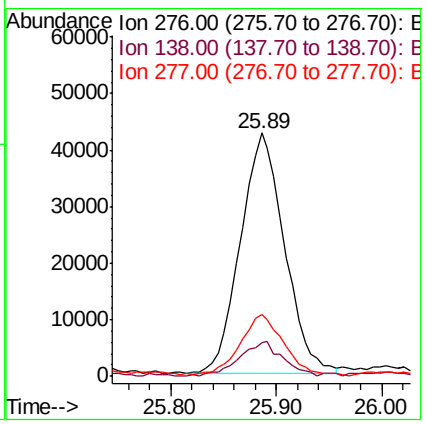


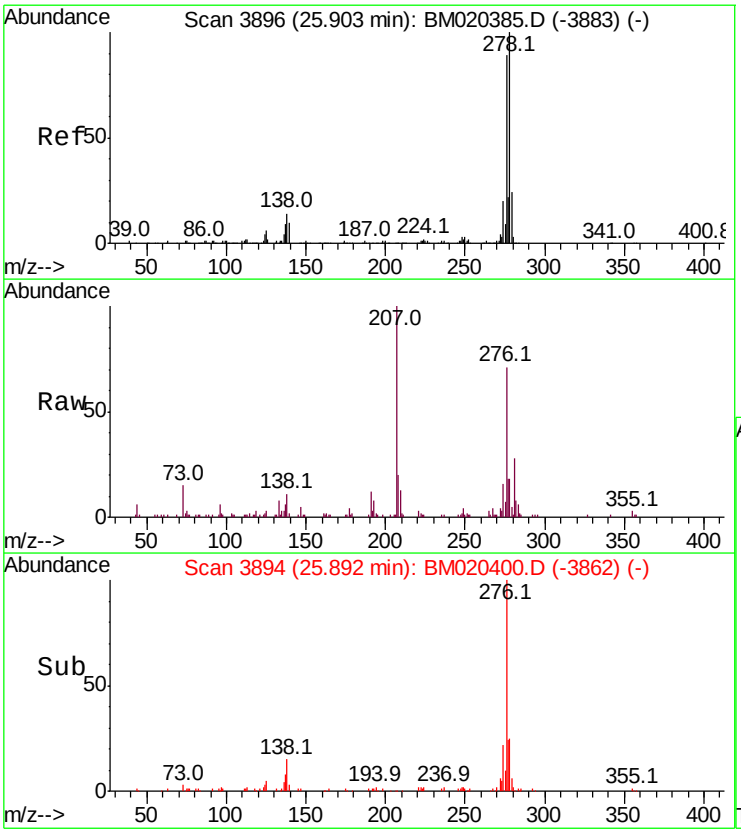
#91
Indeno(1,2,3-cd)pyrene
Concen: 4.755 ng/ul
RT: 25.89 min Scan# 3893
Delta R.T. -0.01 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 123507

Ion	Ratio	Lower	Upper
276	100		
138	13.9	12.3	18.5
277	25.2	20.0	30.0

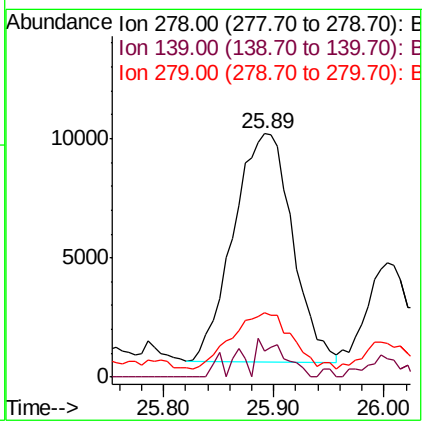


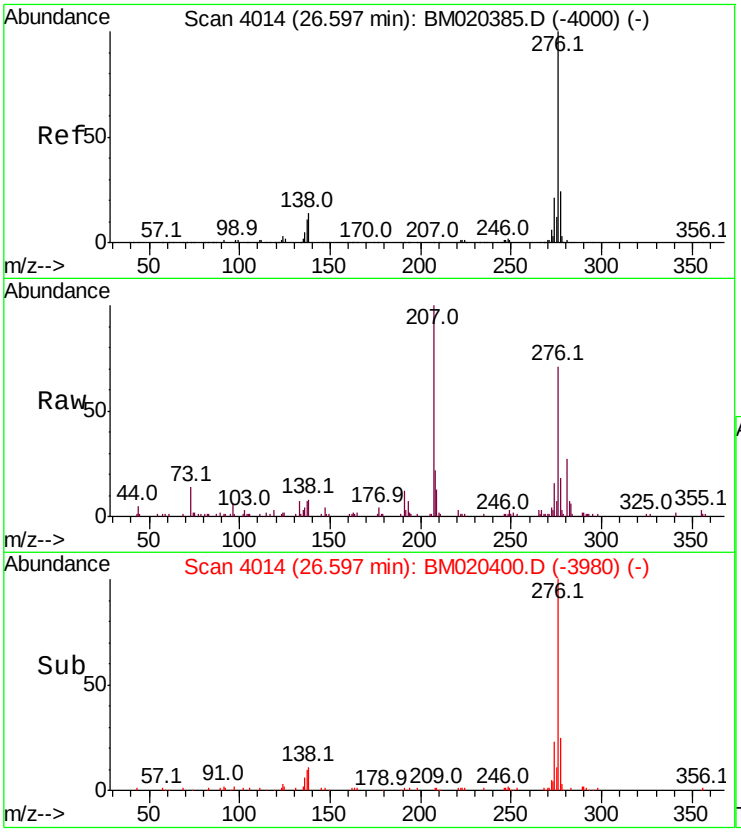


#92
Dibenzo(a,h)anthracene
Concen: 1.614 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Tgt Ion:278 Resp: 35856

Ion	Ratio	Lower	Upper
278	100		
139	10.6	8.1	12.1
279	26.5	18.7	28.1





#93
Benzo(g,h,i)perylene
Concen: 5.743 ng/ul
RT: 26.60 min Scan# 4014
Delta R.T. 0.00 min
Lab File: BM020400.D
Acq: 18 May 2019 13:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 123494

Ion	Ratio	Lower	Upper
276	100		
138	11.0	10.0	15.0
277	24.9	18.2	27.4