Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020405.D
Acq On : 18 May 2019 17:13
Operator : JU/SJ
Sample : K2604-21MEDL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 20 07:13:21 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	71523	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	271419	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	168723	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	422095	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	480362	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	544681	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	467	0.24	ng/uL	0.02
5) Phenol-d5	6.90	99	5549	0.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	4090	1.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	4623	1.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	2409	0.58	ng/ul	0.02
19) Nitrobenzene-d5	8.91	128	1055	0.60	ng/ul	0.01
22) 2-Nitrophenol-d4	9.63	143	1222	0.63	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.16	165	1580	0.38	ng/ul	0.01
29) 4-Chloroaniline-d4	10.70	131	2047	0.48	ng/ul	0.03
43) Dimethylphthalate-d6	13.79	166	19885	1.64	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	21761	1.43	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.37	176	18433	1.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	507	0.21	ng/ul	0.00
70) Anthracene-d10	17.23	188	30312	1.67	ng/ul	0.00
78) Pyrene-d10	19.53	212	37040	1.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	41592	1.68	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.57	128	208771	16.742	ng/ul	99
30) 4-Chloroaniline	10.57	127	26836	6.169	ng/ul#	3
34) 2-Methylnaphthalene	12.19	142	183211	20.292	ng/ul	94
40) 1,1'-Biphenyl	13.21	154	41129	3.405	ng/ul	99
47) Acenaphthylene	14.10	152	213868	14.936	ng/ul	99
49) Acenaphthene	14.44	153	14969	1.521	ng/ul	94
53) Dibenzofuran	14.78	168	16358	1.097	ng/ul	95
58) Fluorene	15.44	166	13225	1.107	ng/ul#	61
69) Phenanthrene	17.17	178	738906	36.740	ng/ul	99
71) Anthracene	17.26	178	144182	7.048	ng/ul	99
76) Fluoranthene	19.19	202	320148	12.602	ng/ul	98
79) Pyrene	19.56	202	465096	16.131	ng/ul	99
82) Benzo(a)anthracene	21.36	228	145229	5.023	ng/ul	94
84) Chrysene	21.36	228	145720	5.274	ng/ul	96
87) Benzo(b)fluoranthene	22.90	252	151139	4.862	ng/ul	99
88) Benzo(k)fluoranthene	22.90	252	151139	4.950	ng/ul	99
90) Benzo(a)pyrene	23.49	252	129103	4.413	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.87	276	51653	1.550	ng/ul	100
93) Benzo(g,h,i)perylene	26.59	276	52822	1.914	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
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Acq On : 18 May 2019 17:13
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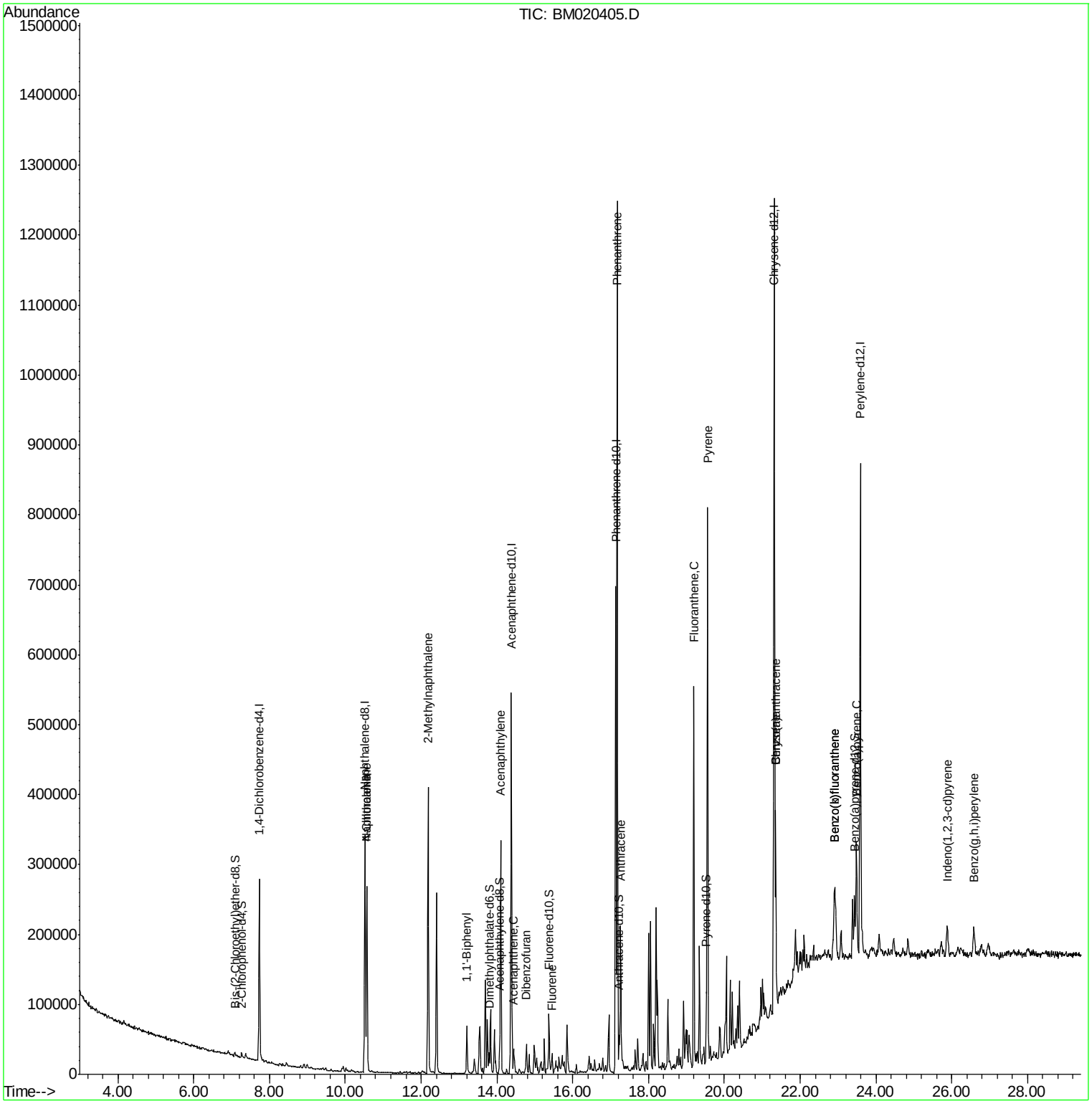
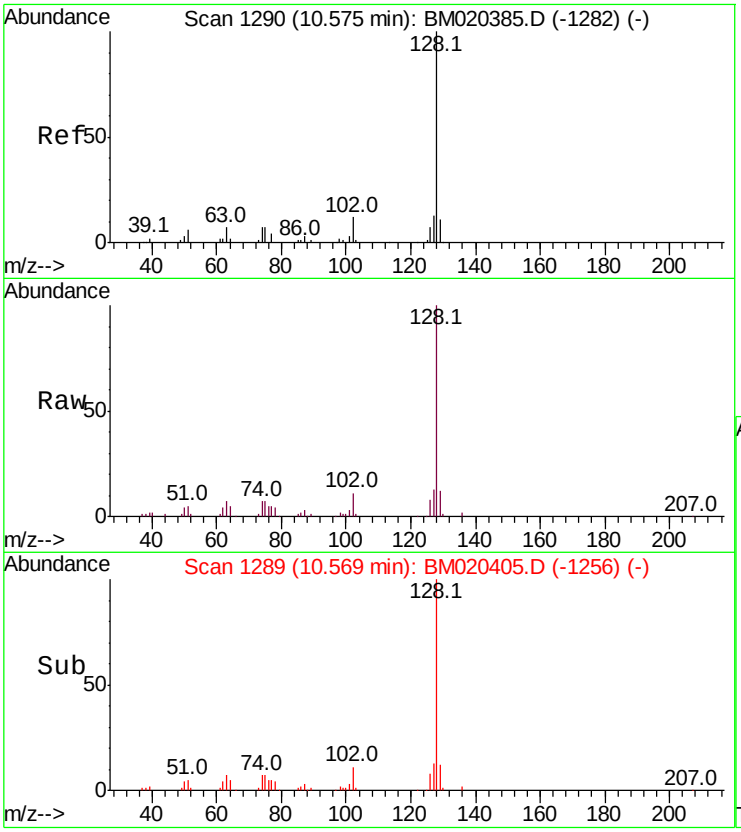
Instrument :
BNA_M
ClientSampleId :

Quant Time: May 20 07:13:21 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



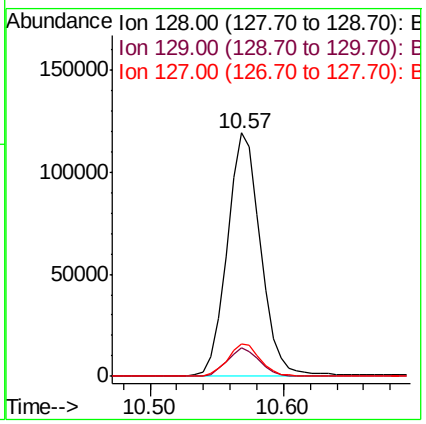


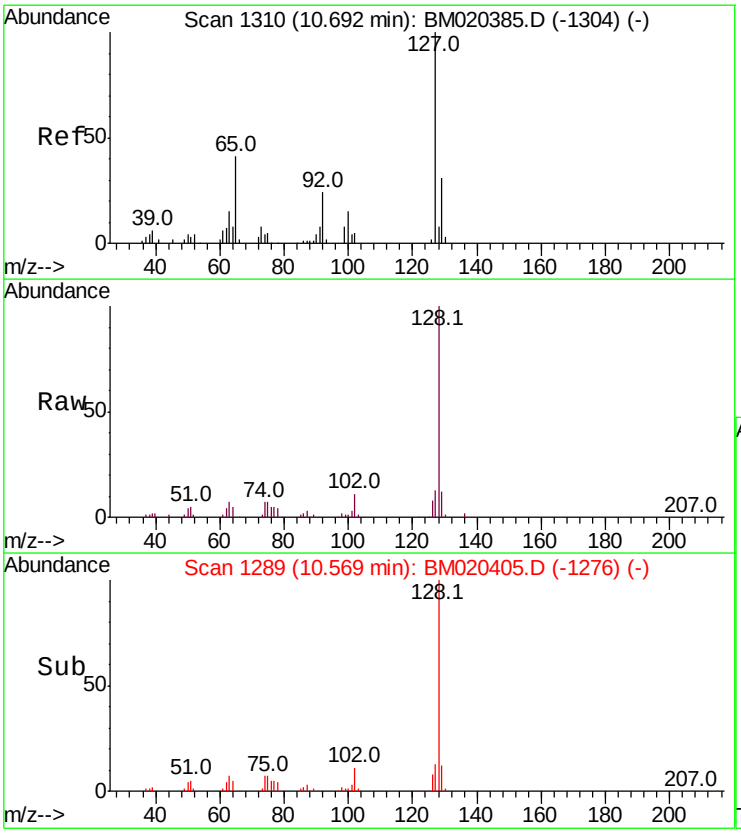
#28
Naphthalene
Concen: 16.742 ng/ul
RT: 10.57 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 208771

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	13.3	10.6	15.8

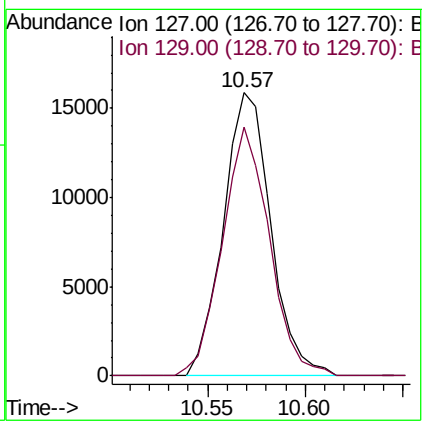


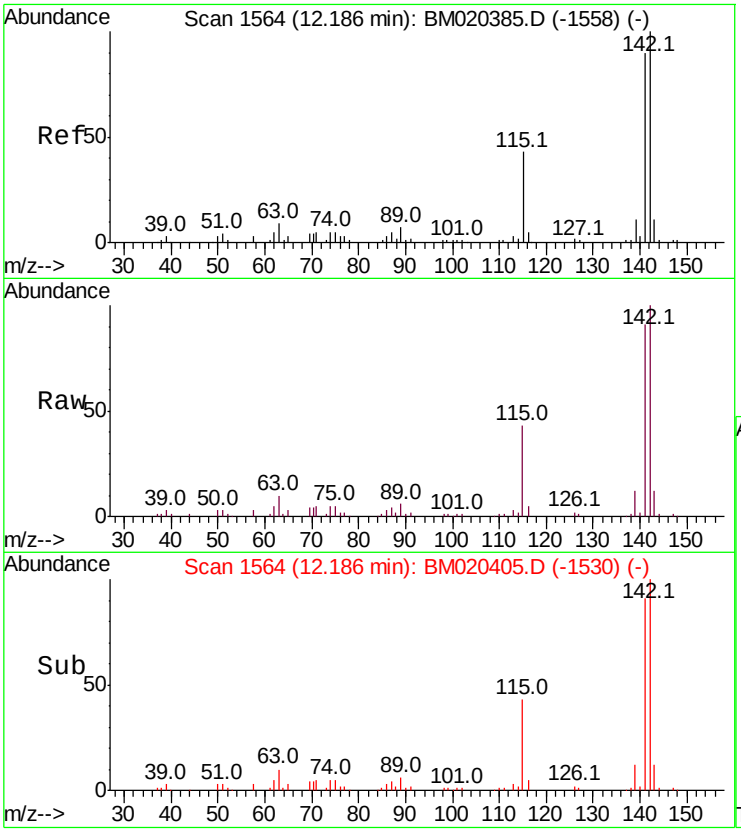


#30
4-Chloroaniline
Concen: 6.169 ng/ul
RT: 10.57 min Scan# 1289
Delta R.T. -0.12 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Tgt Ion:127 Resp: 26836

Ion	Ratio	Lower	Upper
127	100		
129	87.8	26.5	39.7#



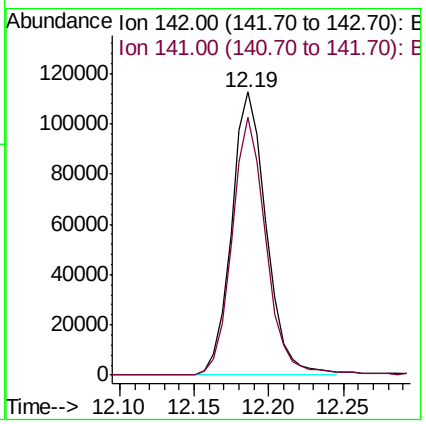


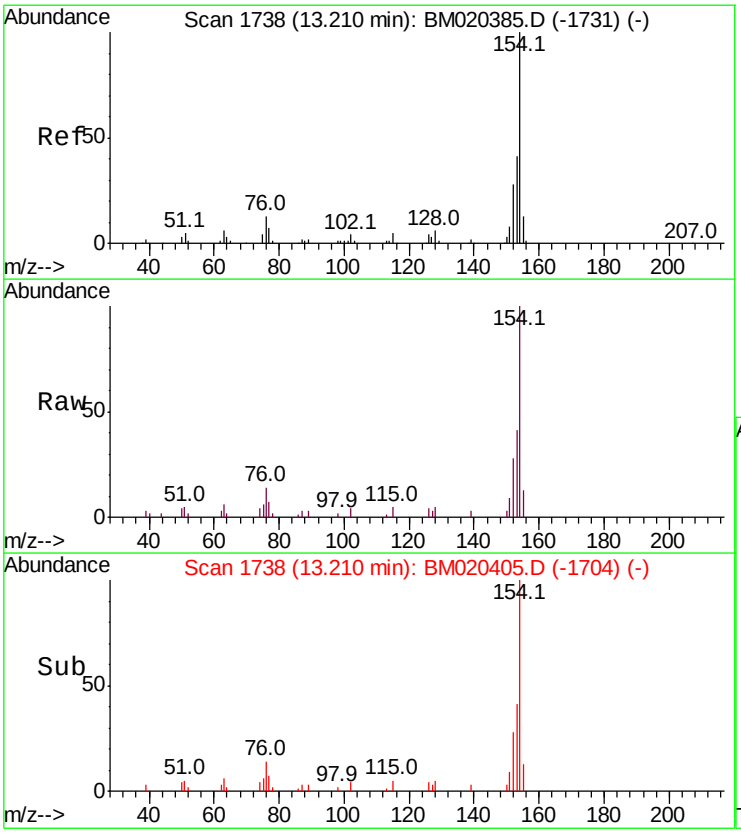
#34
2-Methylnaphthalene
Concen: 20.292 ng/ul
RT: 12.19 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 183211

Ion	Ratio	Lower	Upper
142	100		
141	91.3	68.6	102.8

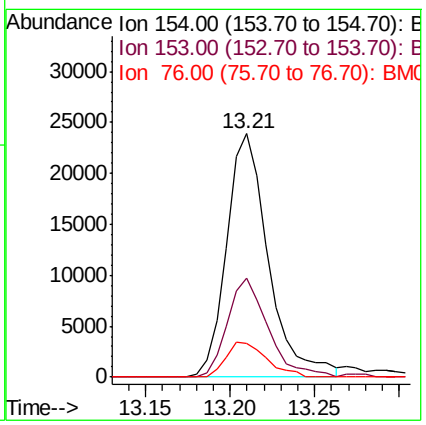


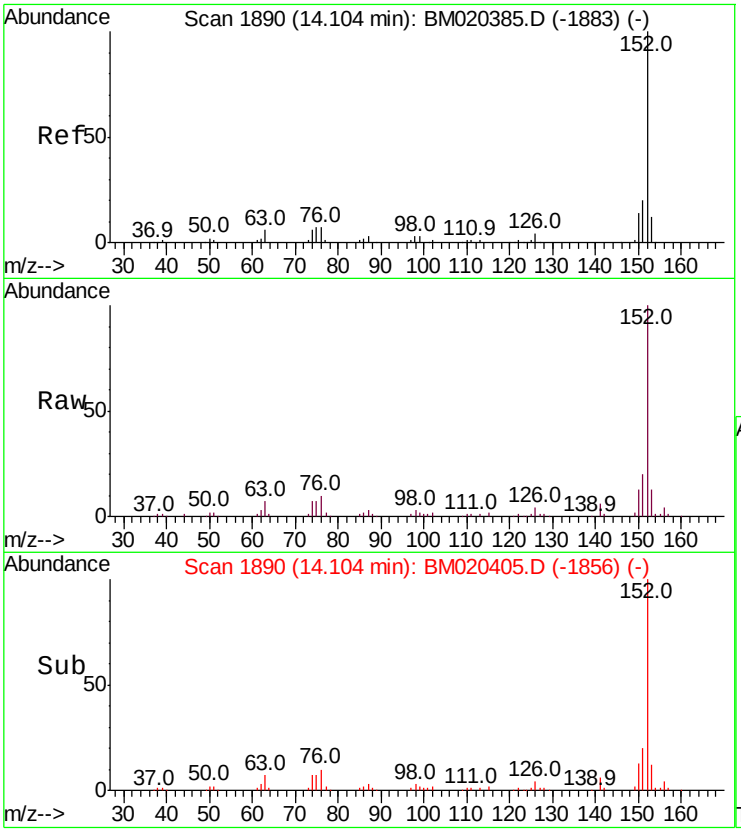


#40
1,1'-Biphenyl
Concen: 3.405 ng/ul
RT: 13.21 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Tgt Ion:154 Resp: 41129

Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.2	48.4
76	14.1	11.0	16.4



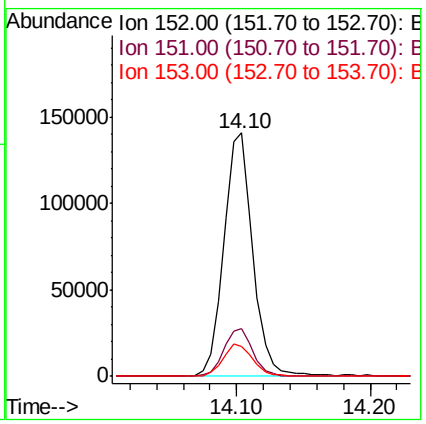


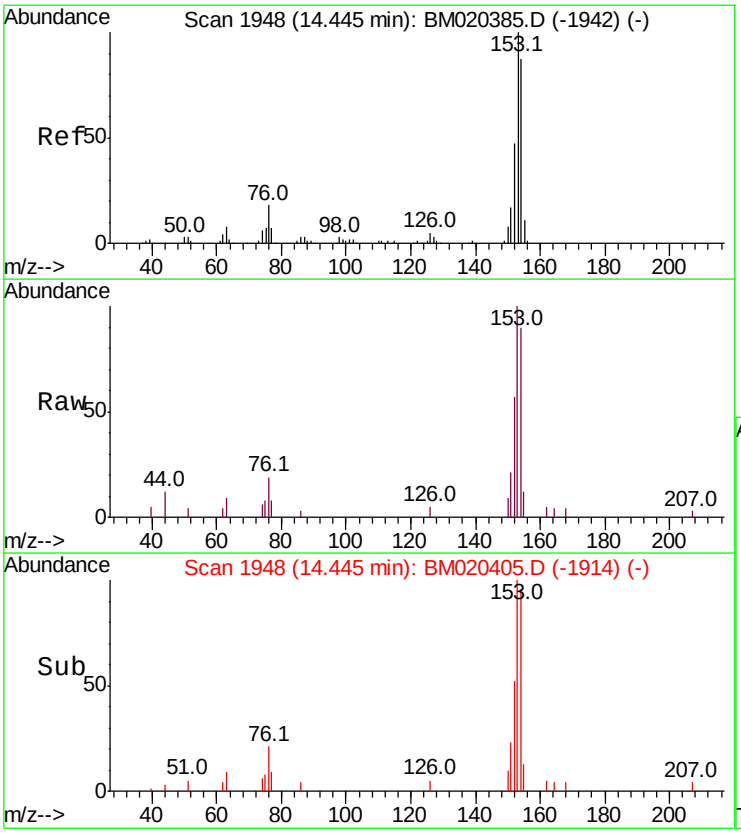
#47
Acenaphthylene
Concen: 14.936 ng/ul
RT: 14.10 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 213868

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0
153	12.5	10.3	15.5

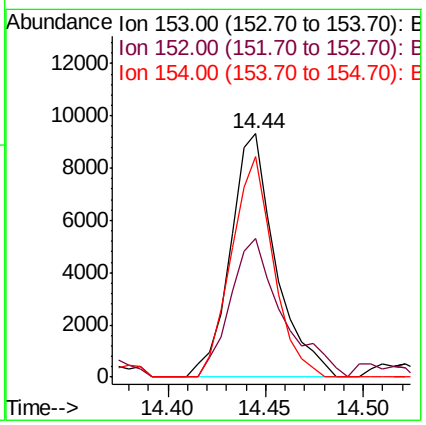


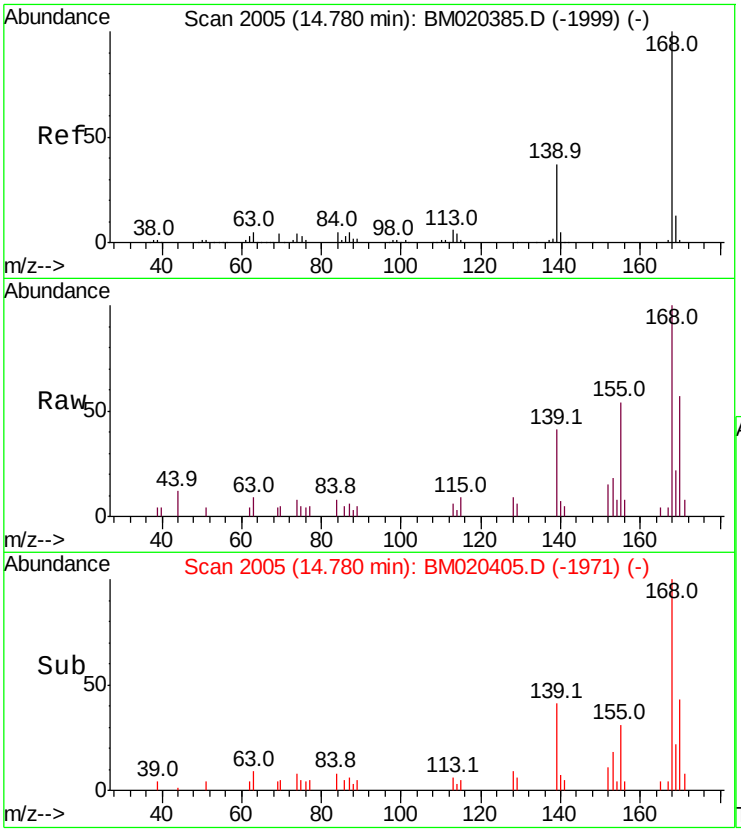


#49
Acenaphthene
Concen: 1.521 ng/ul
RT: 14.44 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Tgt Ion:153 Resp: 14969

Ion	Ratio	Lower	Upper
153	100		
152	56.7	37.9	56.9
154	90.4	71.2	106.8



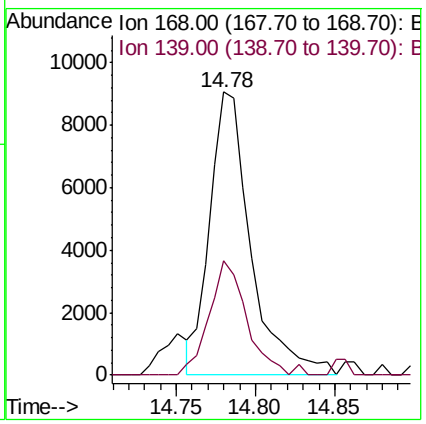


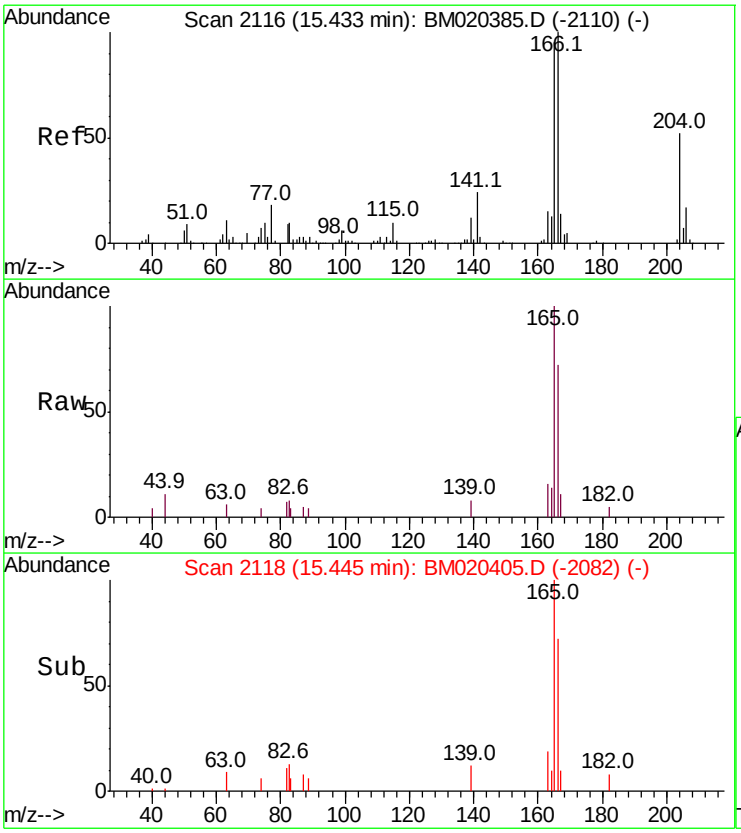
#53
Dibenzofuran
Concen: 1.097 ng/ul
RT: 14.78 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 16358

Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.1	45.1

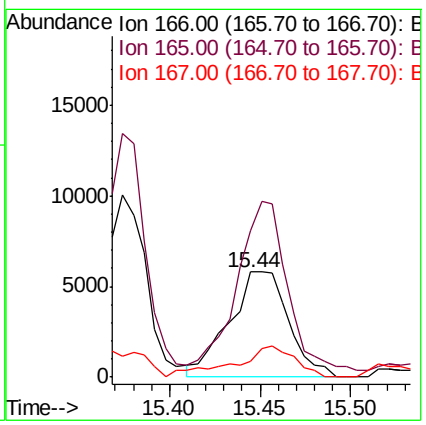


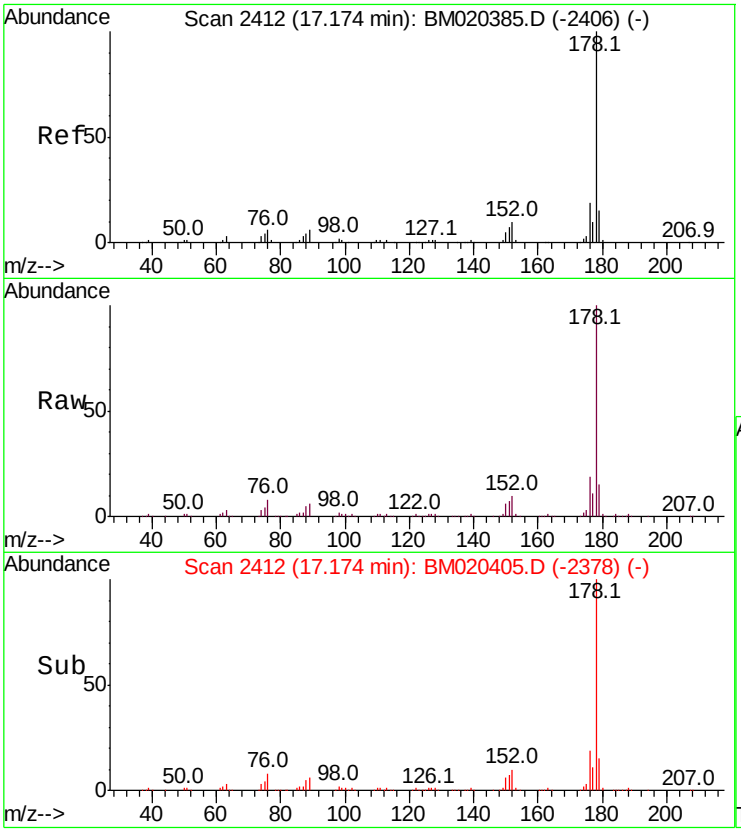


#58
Fluorene
Concen: 1.107 ng/ul
RT: 15.44 min Scan# 2118
Delta R.T. 0.01 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Tgt Ion:166 Resp: 13225

Ion	Ratio	Lower	Upper
166	100		
165	139.3	77.1	115.7#
167	15.0	11.1	16.7



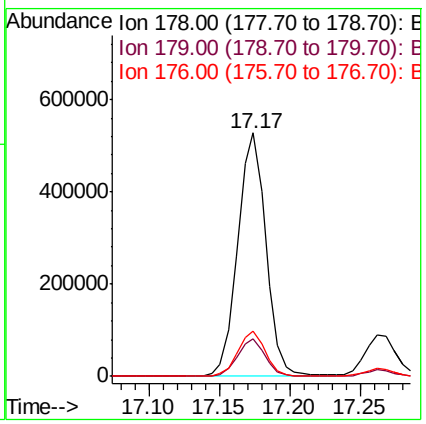


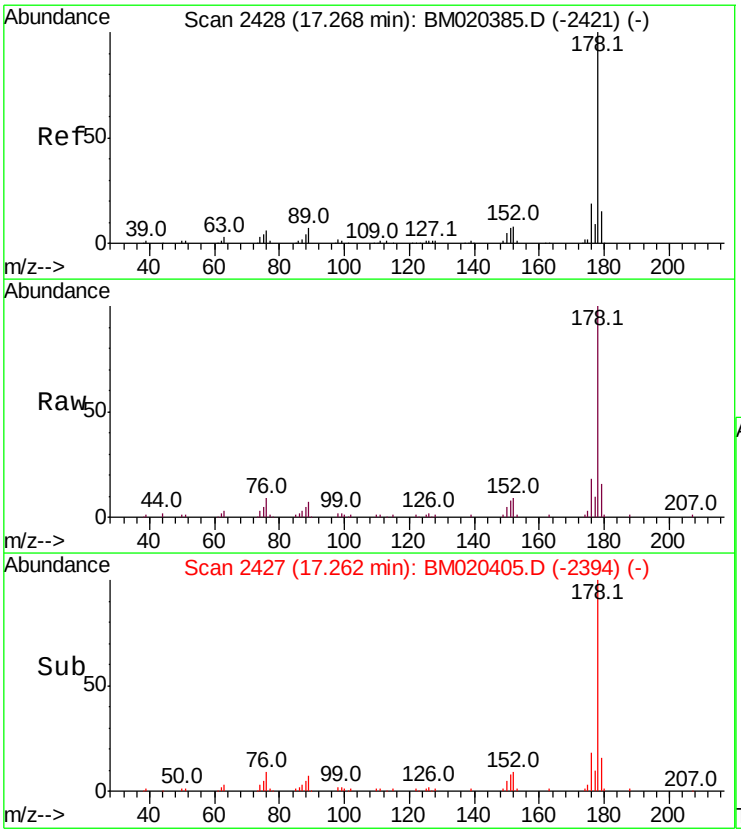
#69
Phenanthrene
Concen: 36.740 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 738906

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.9	17.9
176	18.5	14.6	22.0

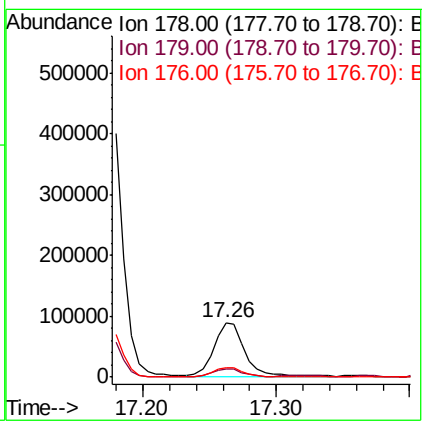


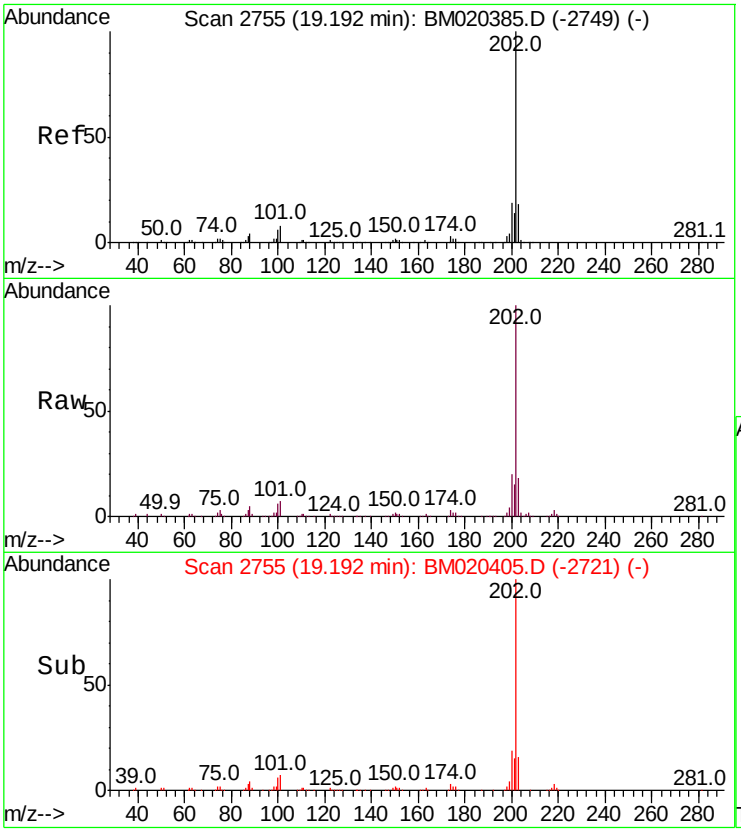


#71
Anthracene
Concen: 7.048 ng/ul
RT: 17.26 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Tgt Ion:178 Resp: 144182

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.1	14.4	21.6



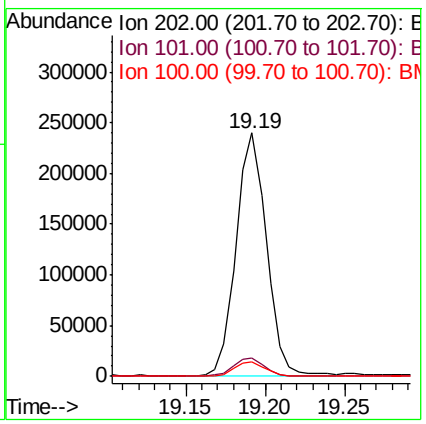


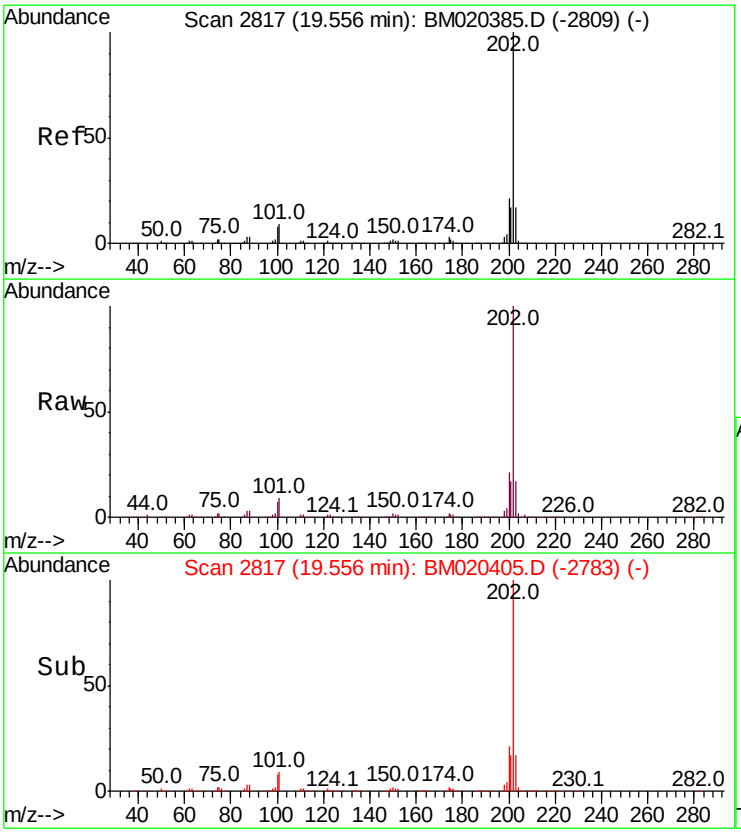
#76
Fluoranthene
Concen: 12.602 ng/ul
RT: 19.19 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 320148

Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.4	9.6
100	5.8	5.2	7.8

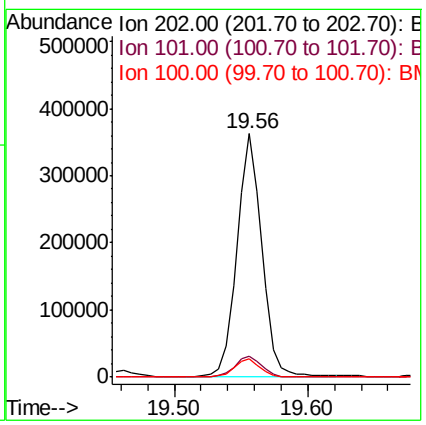


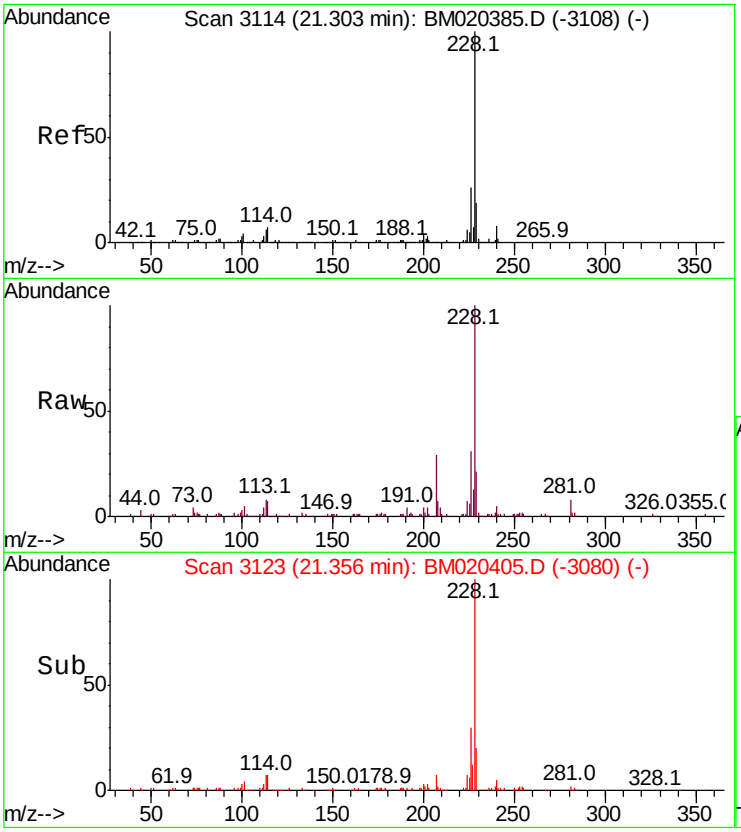


#79
Pyrene
Concen: 16.131 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Tgt Ion:202 Resp: 465096

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.1	10.7
100	7.4	5.9	8.9



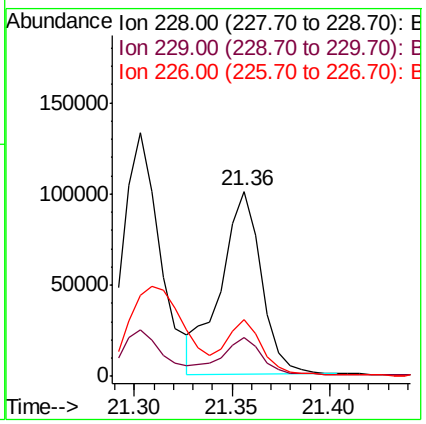


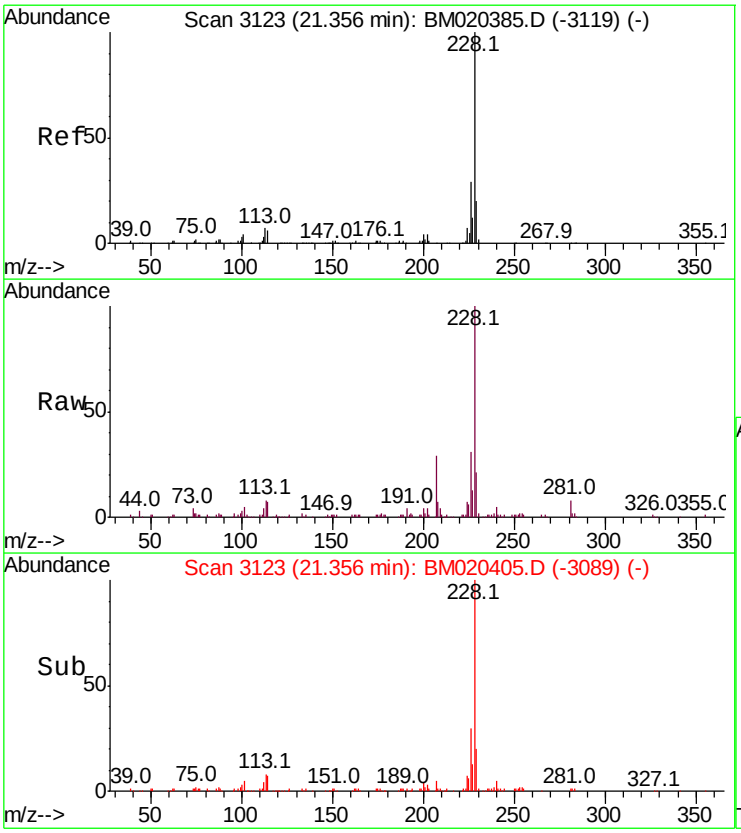
#82
Benzo(a)anthracene
Concen: 5.023 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. 0.05 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 145229

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	30.6	20.6	30.8

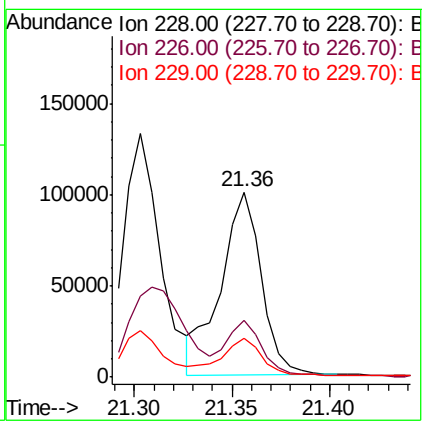


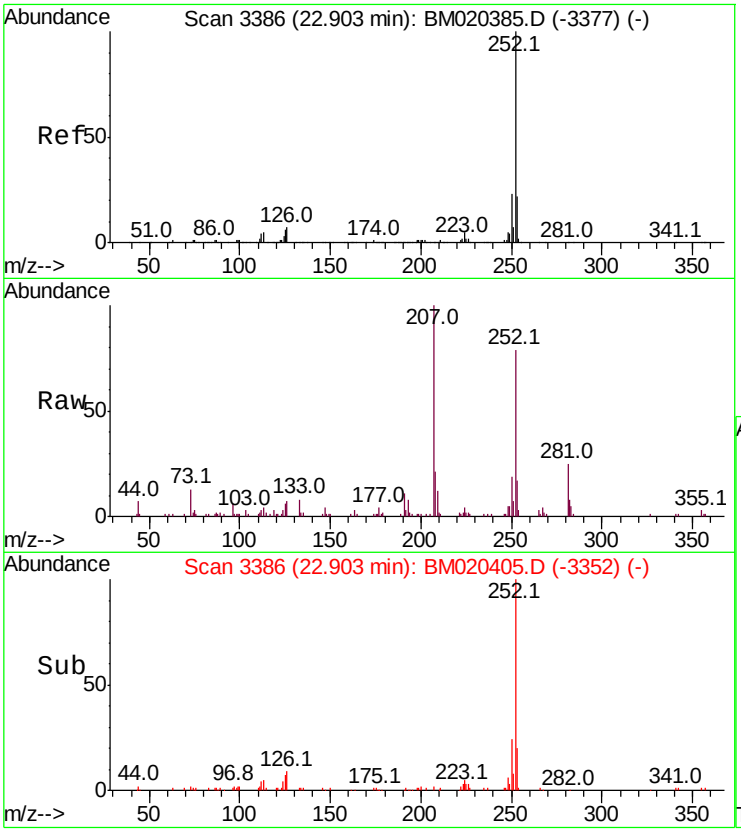


#84
Chrysene
Concen: 5.274 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Tgt Ion:228 Resp: 145720

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.2	33.4
229	20.7	15.4	23.2



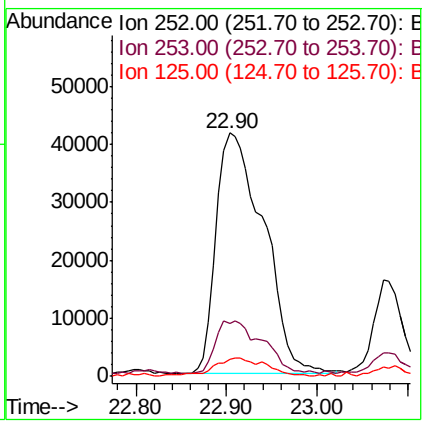


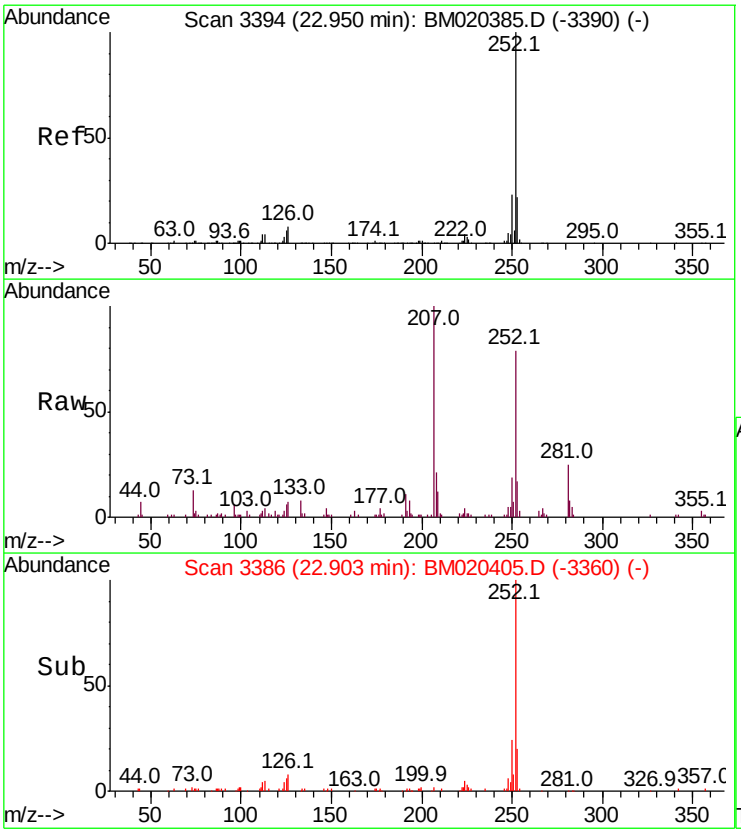
#87
Benzo(b)fluoranthene
Concen: 4.862 ng/ul
RT: 22.90 min Scan# 3386
Delta R.T. -0.00 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 151139

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	7.2	5.0	7.4

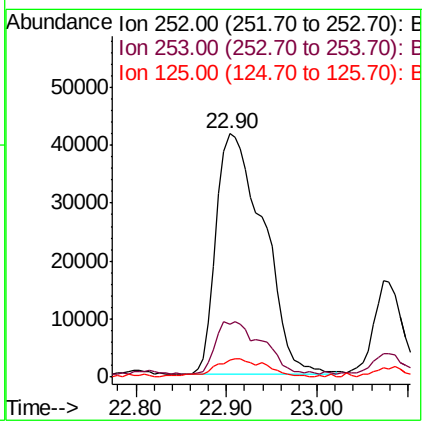


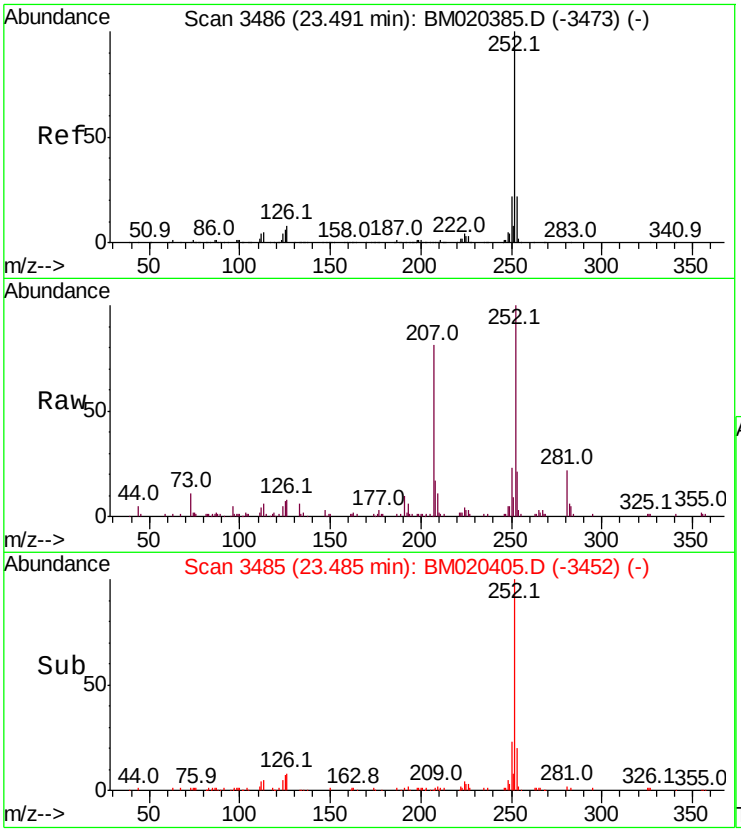


#88
Benzo(k)fluoranthene
Concen: 4.950 ng/ul
RT: 22.90 min Scan# 3386
Delta R.T. -0.05 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Tgt Ion:252 Resp: 151139

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	7.2	5.0	7.6



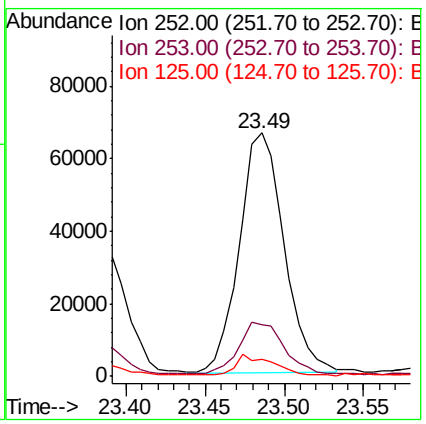


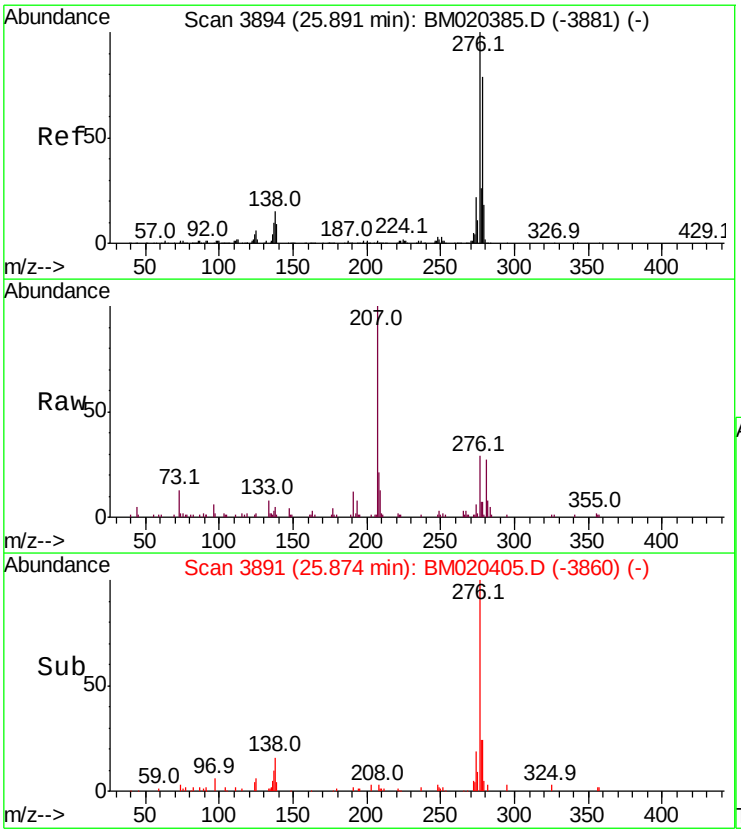
#90
Benzo(a)pyrene
Concen: 4.413 ng/ul
RT: 23.49 min Scan# 3485
Delta R.T. -0.01 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 129103

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	7.1	5.4	8.2

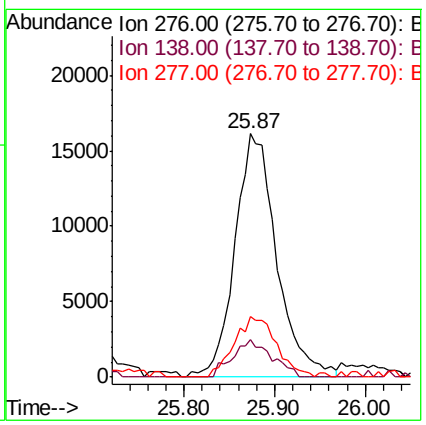


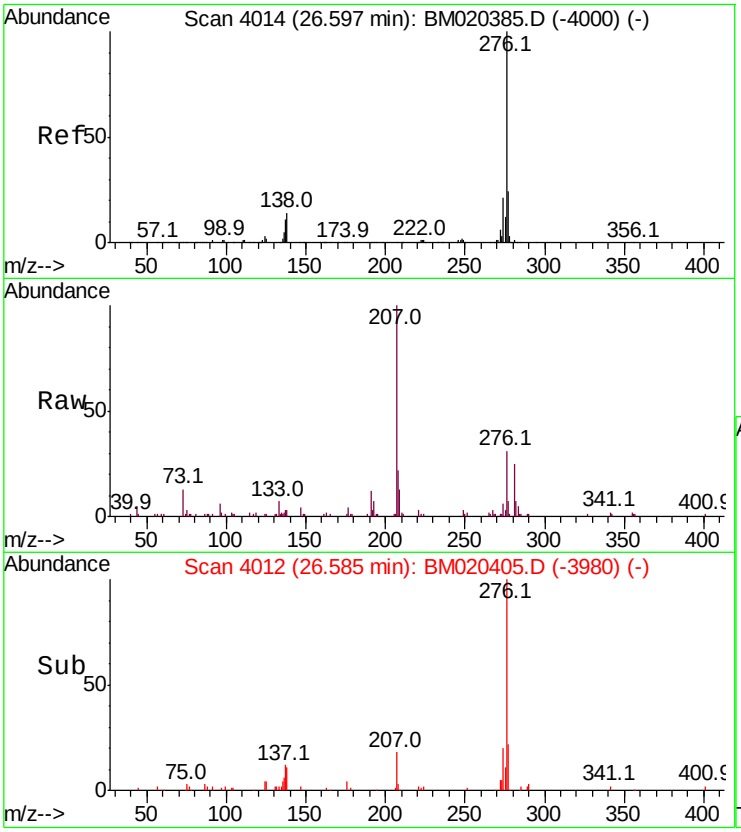


#91
Indeno(1,2,3-cd)pyrene
Concen: 1.550 ng/ul
RT: 25.87 min Scan# 3891
Delta R.T. -0.02 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Tgt Ion:276 Resp: 51653

Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.3	18.5
277	24.9	20.0	30.0





#93
Benzo(g,h,i)perylene
Concen: 1.914 ng/ul
RT: 26.59 min Scan# 4012
Delta R.T. -0.01 min
Lab File: BM020405.D
Acq: 18 May 2019 17:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 52822

Ion	Ratio	Lower	Upper
276	100		
138	10.5	10.0	15.0
277	21.5	18.2	27.4