Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020358.D
Acq On : 17 May 2019 10:57
Operator : JU/SJ
Sample : K2604-04ME
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ78ME

Manual Integrations APPROVED
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Quant Time: May 20 07:41:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	60126	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	216747	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	128789	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	296887	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	316083	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	366318	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	10340	6.35	ng/uL	0.00
5) Phenol-d5	6.90	99	140497	29.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	94040	30.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	113013	32.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	98127	28.09	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	50243	35.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	53082	34.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	105802	32.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	89285	26.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	331061	35.73	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	404111	34.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	25937	19.28	ng/ul	0.00
57) Fluorene-d10	15.38	176	289584	35.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	33954	20.08	ng/ul	0.00
70) Anthracene-d10	17.24	188	445965	35.02	ng/ul	0.00
78) Pyrene-d10	19.54	212	525216	34.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	565178	33.95	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.57	128	292814	29.404	ng/ul	99
34) 2-Methylnaphthalene	12.20	142	1127306	156.348	ng/ul	97
40) 1,1'-Biphenyl	13.22	154	19751	2.142	ng/ul#	93
47) Acenaphthylene	14.11	152	844738	77.287	ng/ul	98
49) Acenaphthene	14.45	153	101199	13.468	ng/ul	96
53) Dibenzofuran	14.79	168	197511	17.358	ng/ul	96
58) Fluorene	15.44	166	572726	62.831	ng/ul	99
69) Phenanthrene	17.19	178	2973194	210.180	ng/ul	100
71) Anthracene	17.27	178	623260	43.314	ng/ul	100
76) Fluoranthene	19.20	202	1950381	109.148	ng/ul	100
79) Pyrene	19.57	202	2914932	153.644	ng/ul	99
82) Benzo(a)anthracene	21.31	228	1094182	57.515	ng/ul	95
84) Chrysene	21.37	228	1008345	55.462	ng/ul	96
87) Benzo(b)fluoranthene	22.92	252	1011173	48.366	ng/ul#	97
88) Benzo(k)fluoranthene	22.96	252	414543m	20.187	ng/ul	
90) Benzo(a)pyrene	23.51	252	1004669	51.063	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	531436	23.705	ng/ul	97
92) Dibenzo(a,h)anthracene	25.91	278	150166	7.833	ng/ul#	96
93) Benzo(g,h,i)perylene	26.62	276	470290	25.342	ng/ul	96

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

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Instrument :
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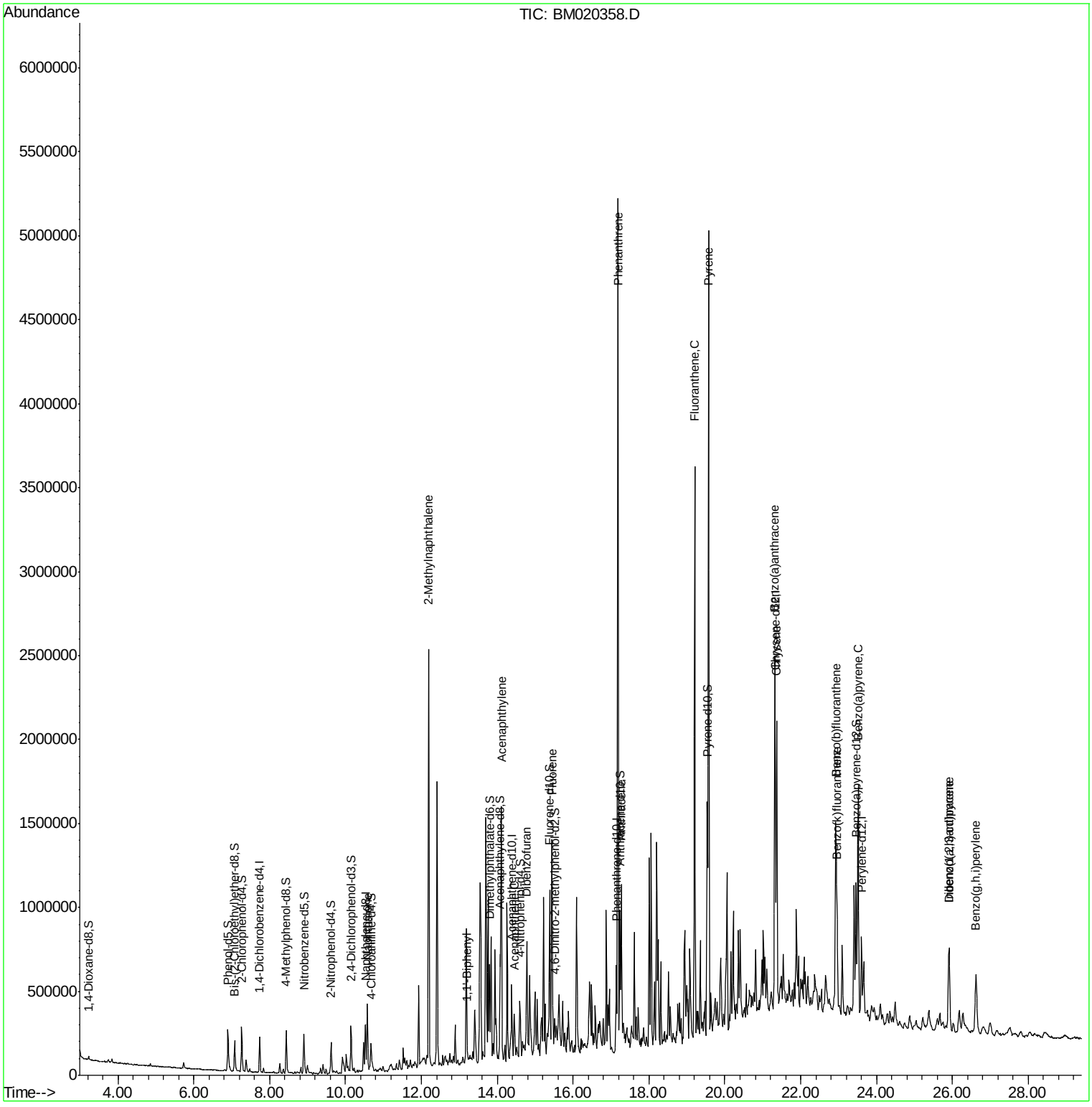
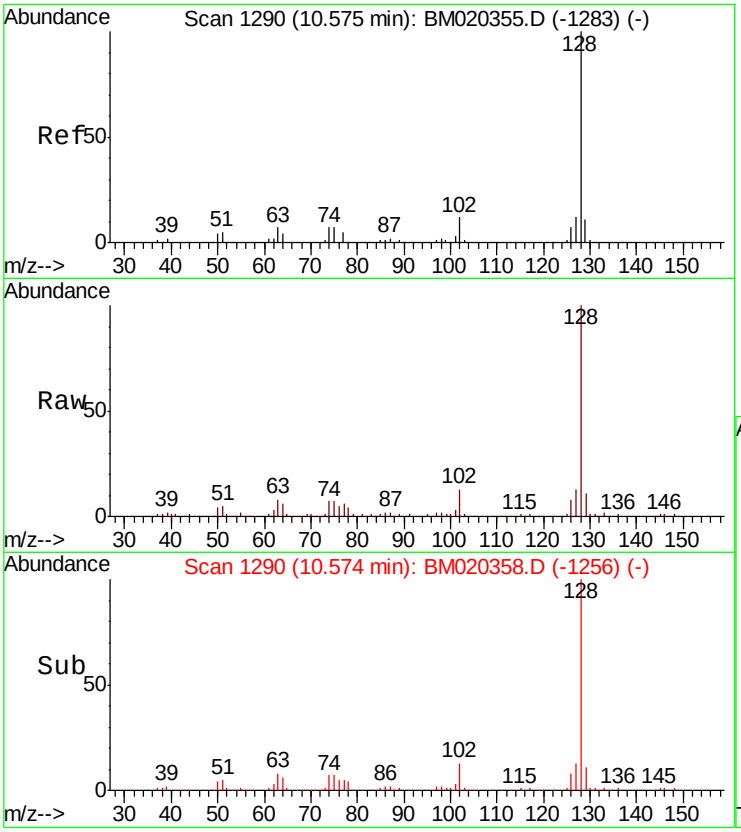
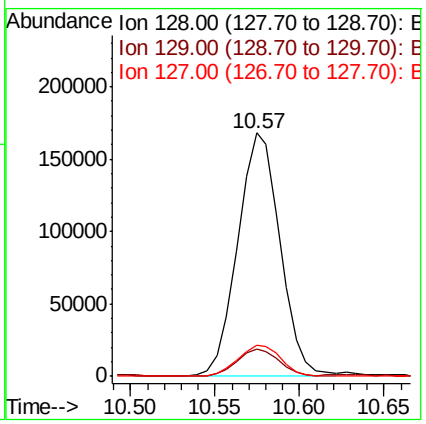




#28
Naphthalene
Concen: 29.404 ng/ul
RT: 10.57 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:128 Resp: 292814

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	12.9	10.6	15.8



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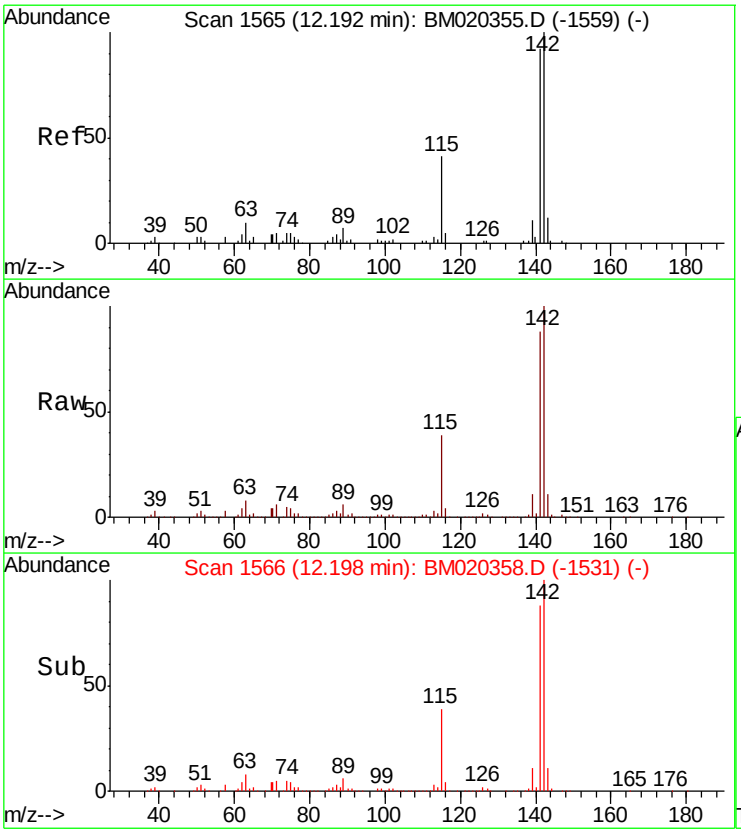
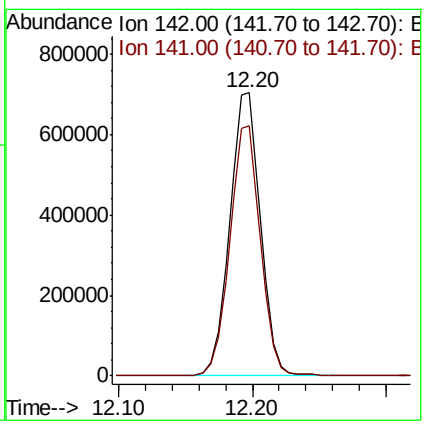
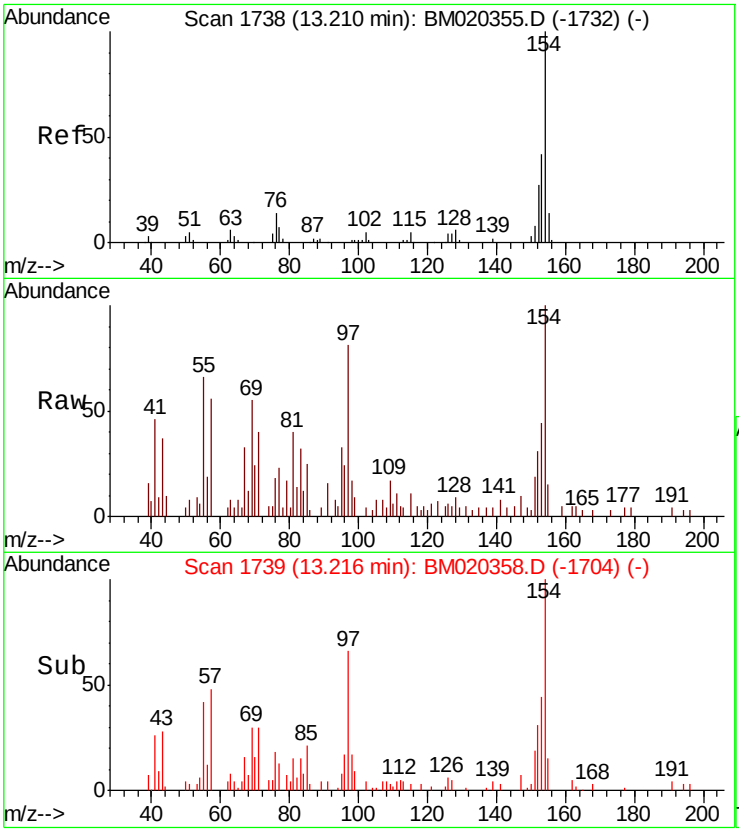


#34
2-Methylnaphthalene
Concen: 156.348 ng/ul
RT: 12.20 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:142 Resp: 1127306

Ion	Ratio	Lower	Upper
142	100		
141	88.4	68.6	102.8

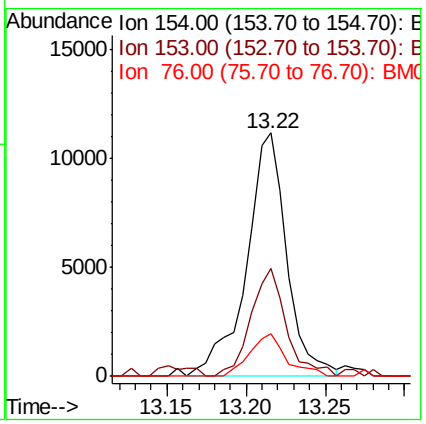




#40
1,1'-Biphenyl
Concen: 2.142 ng/ul
RT: 13.22 min Scan# 1739
Delta R.T. 0.01 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:154 Resp: 19751

Ion	Ratio	Lower	Upper
154	100		
153	44.1	32.2	48.4
76	17.6	11.0	16.4#



Instrument :
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ClientSampleId :
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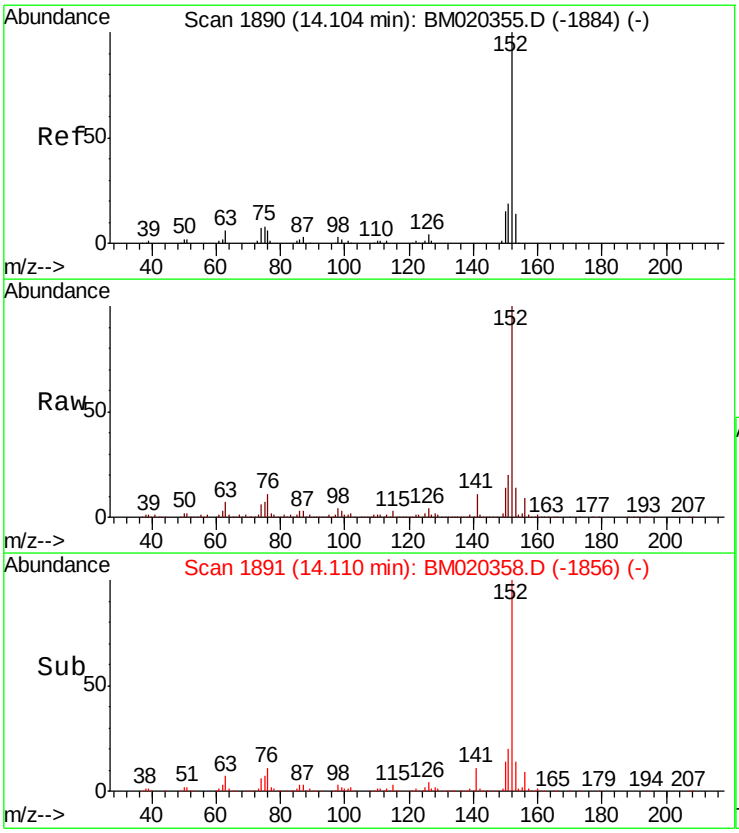
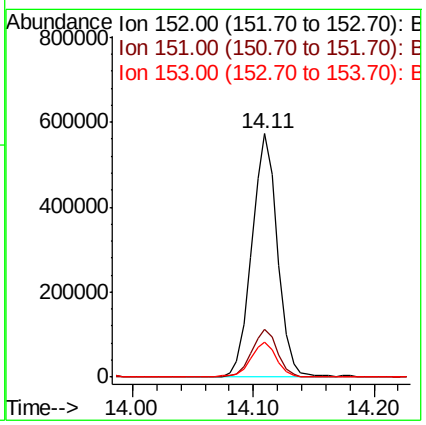
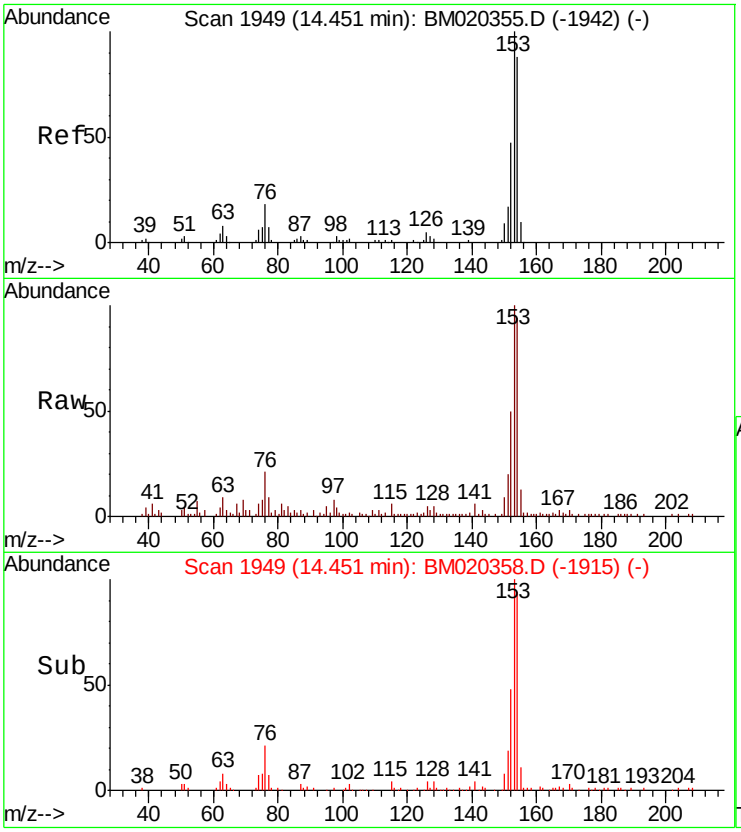


#47
Acenaphthylene
Concen: 77.287 ng/ul
RT: 14.11 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:152 Resp: 844738

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0
153	14.5	10.3	15.5

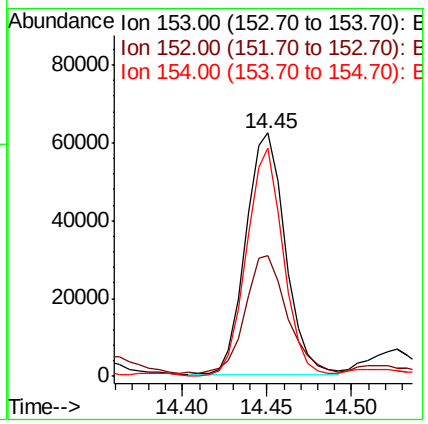




#49
Acenaphthene
Concen: 13.468 ng/ul
RT: 14.45 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:153 Resp: 101199

Ion	Ratio	Lower	Upper
153	100		
152	49.8	37.9	56.9
154	93.6	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
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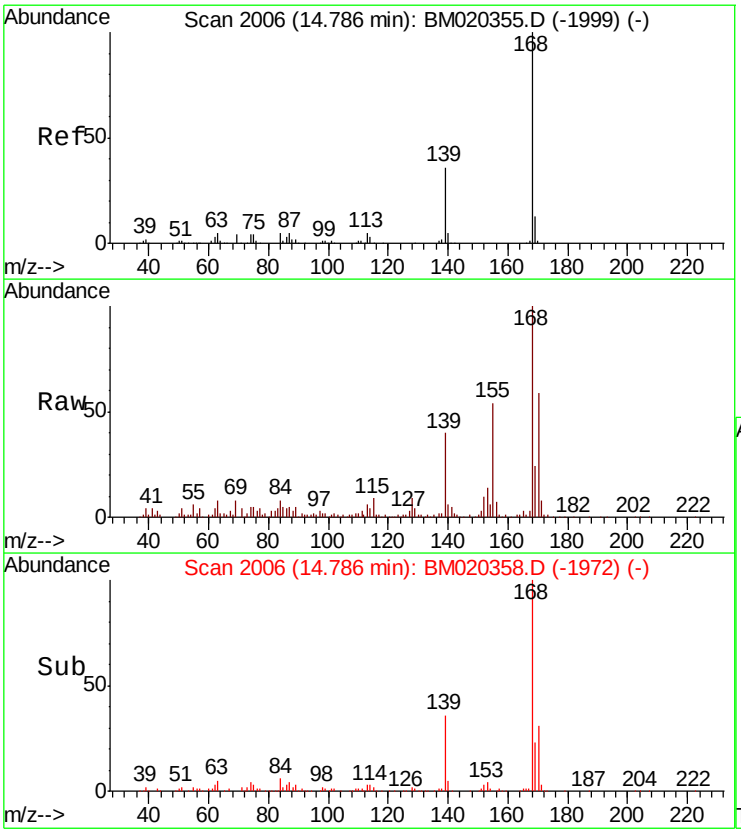
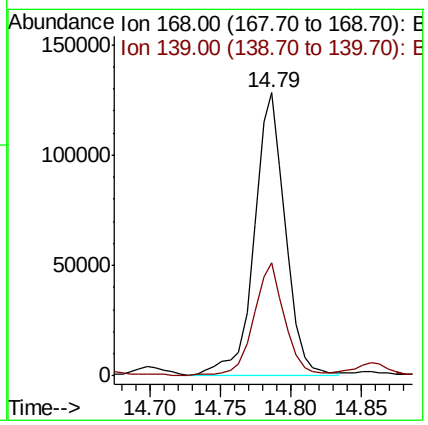
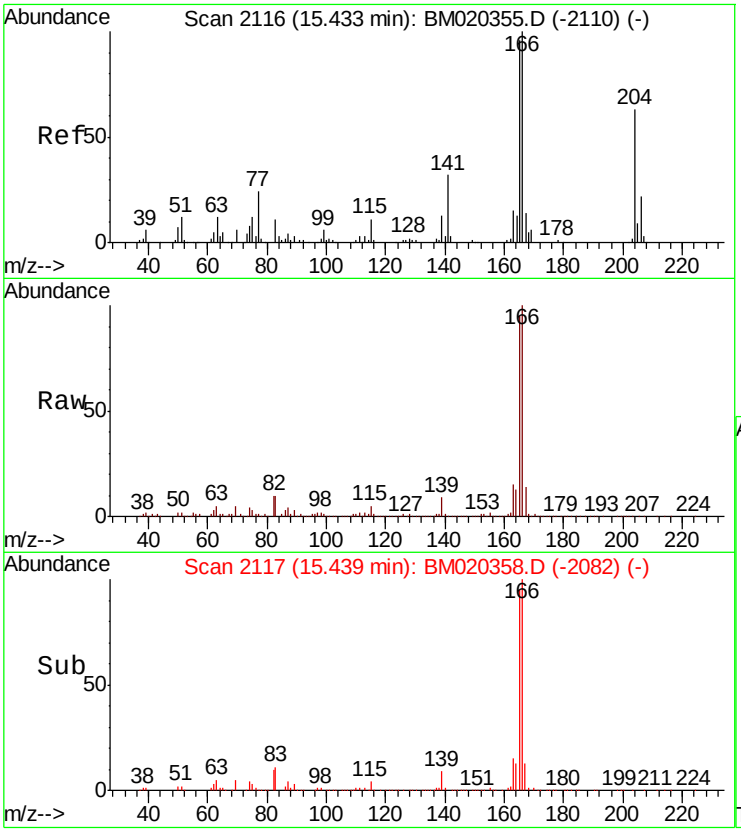


#53
Dibenzofuran
Concen: 17.358 ng/ul
RT: 14.79 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:168 Resp: 197511

Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.1	45.1

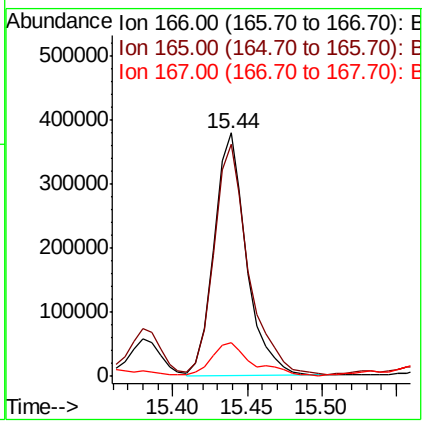




#58
Fluorene
Concen: 62.831 ng/ul
RT: 15.44 min Scan# 2117
Delta R.T. 0.01 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:166 Resp: 572726

Ion	Ratio	Lower	Upper
166	100		
165	95.4	77.1	115.7
167	13.7	11.1	16.7



Instrument :
BNA_M
ClientSampleId :
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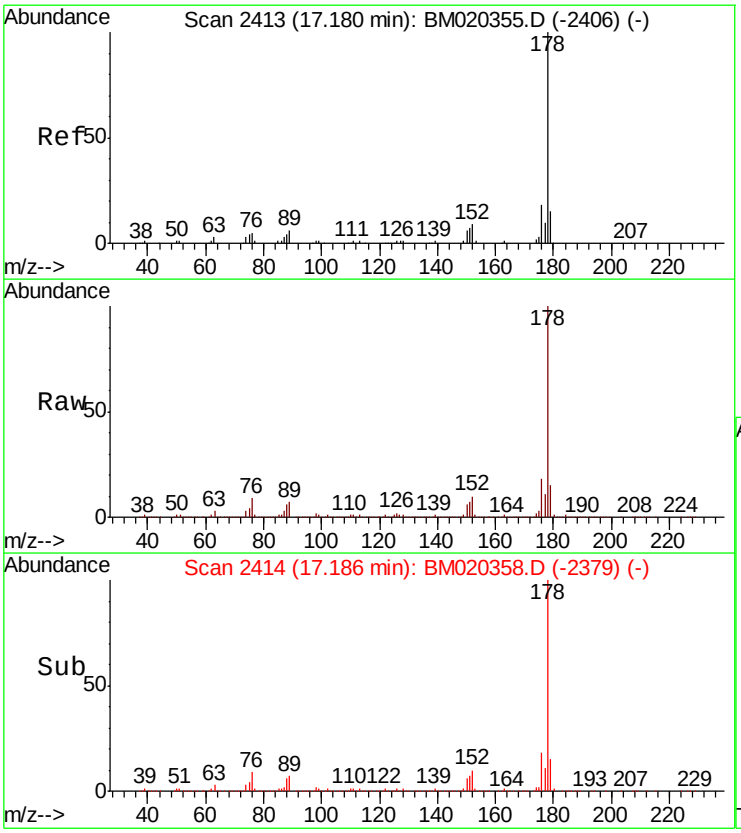
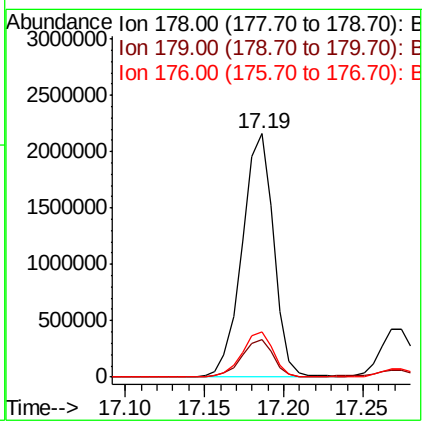
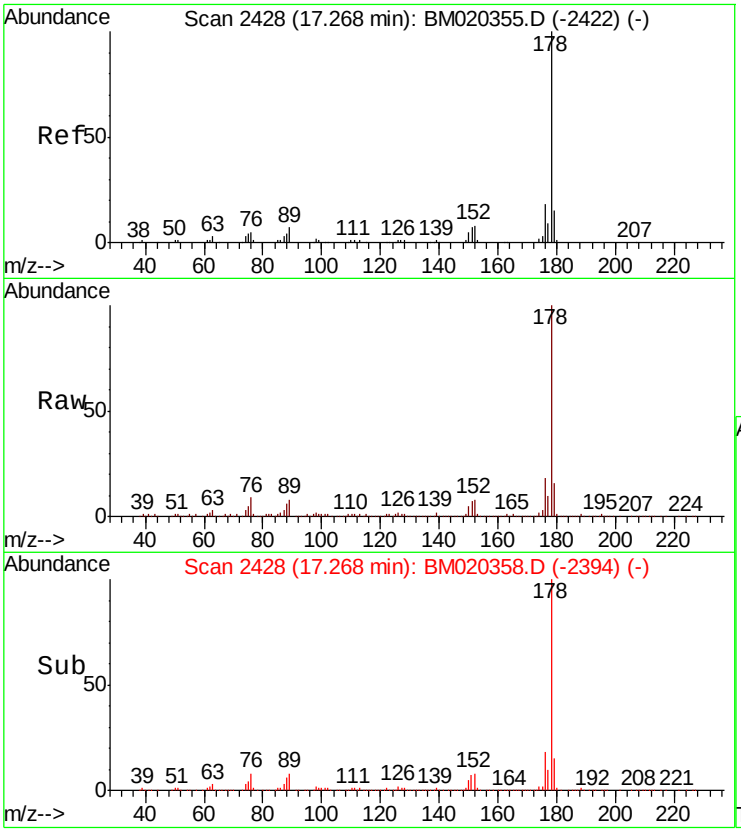


#69
Phenanthrene
Concen: 210.180 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:178 Resp: 2973194

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.9	17.9
176	18.3	14.6	22.0

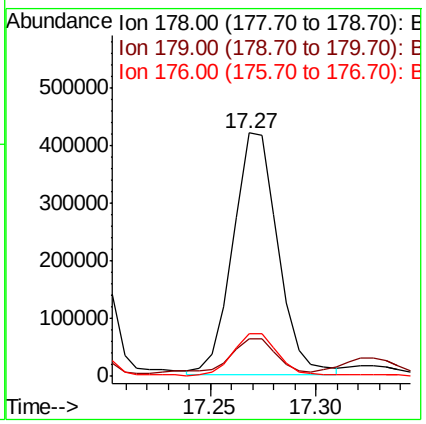




#71
Anthracene
Concen: 43.314 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:178 Resp: 623260

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	17.8	14.4	21.6



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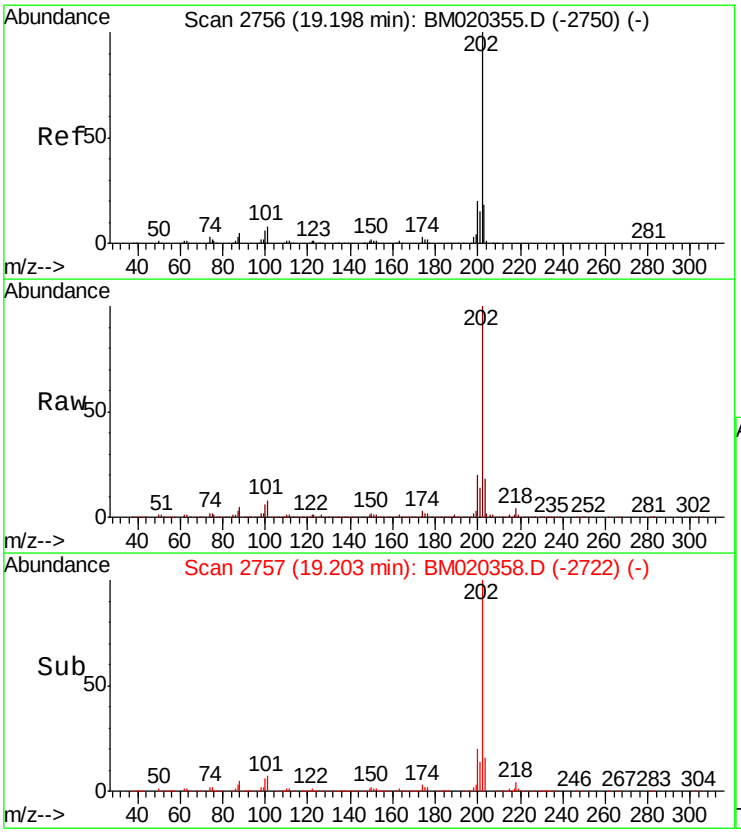
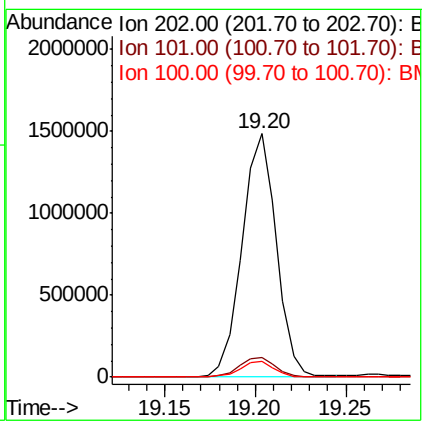
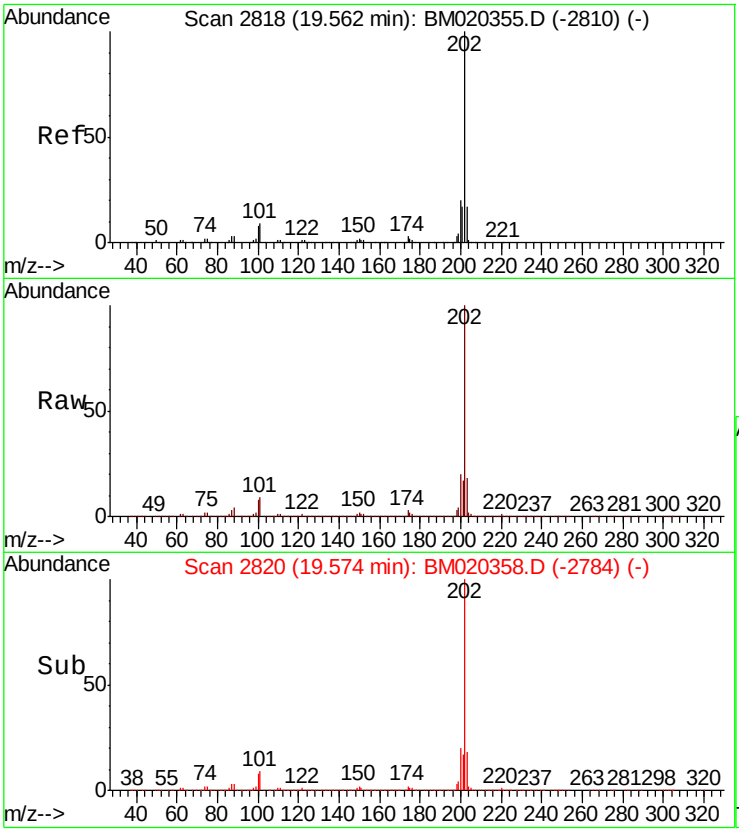


#76
Fluoranthene
Concen: 109.148 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. 0.01 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:202 Resp: 1950381

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.4	9.6
100	6.3	5.2	7.8

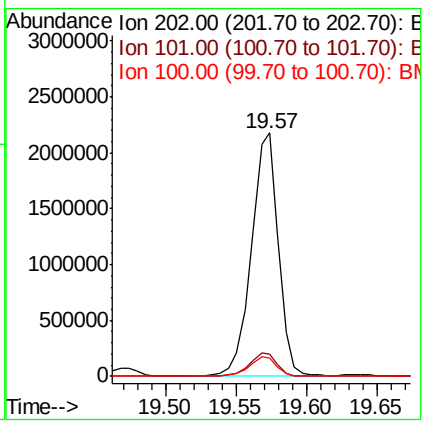




#79
Pyrene
Concen: 153.644 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. 0.01 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:202 Resp: 2914932

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.1	10.7
100	7.6	5.9	8.9



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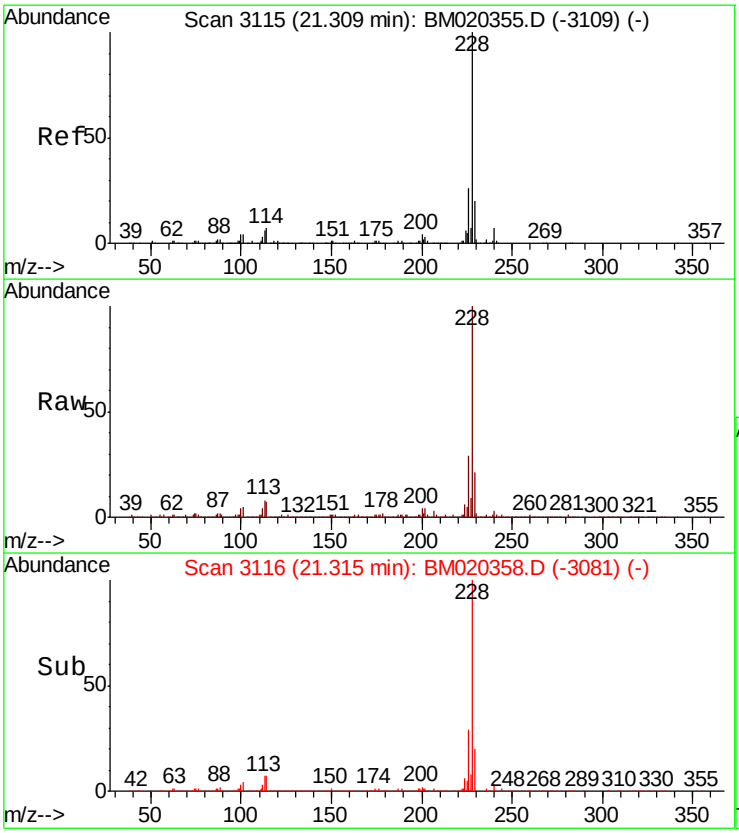
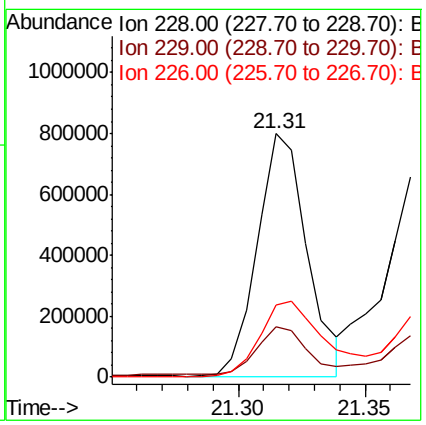
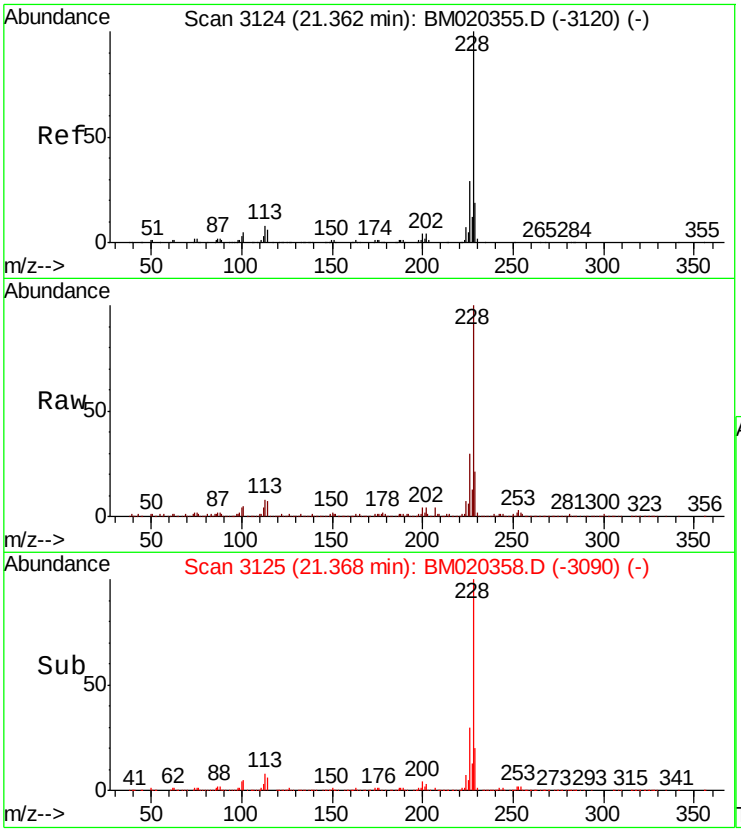


#82
Benzo(a)anthracene
Concen: 57.515 ng/ul
RT: 21.31 min Scan# 3116
Delta R.T. 0.01 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:228 Resp: 1094182

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	29.5	20.6	30.8





#84
Chrysene
Concen: 55.462 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:228 Resp: 1008345

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.2	33.4
229	20.8	15.4	23.2

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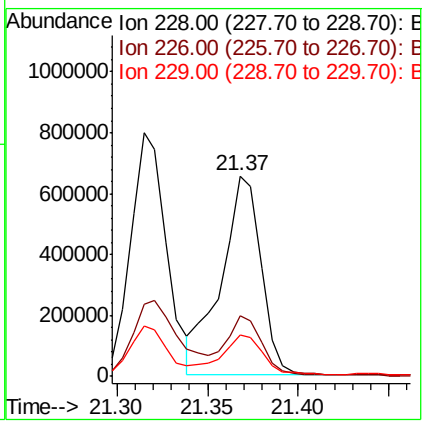
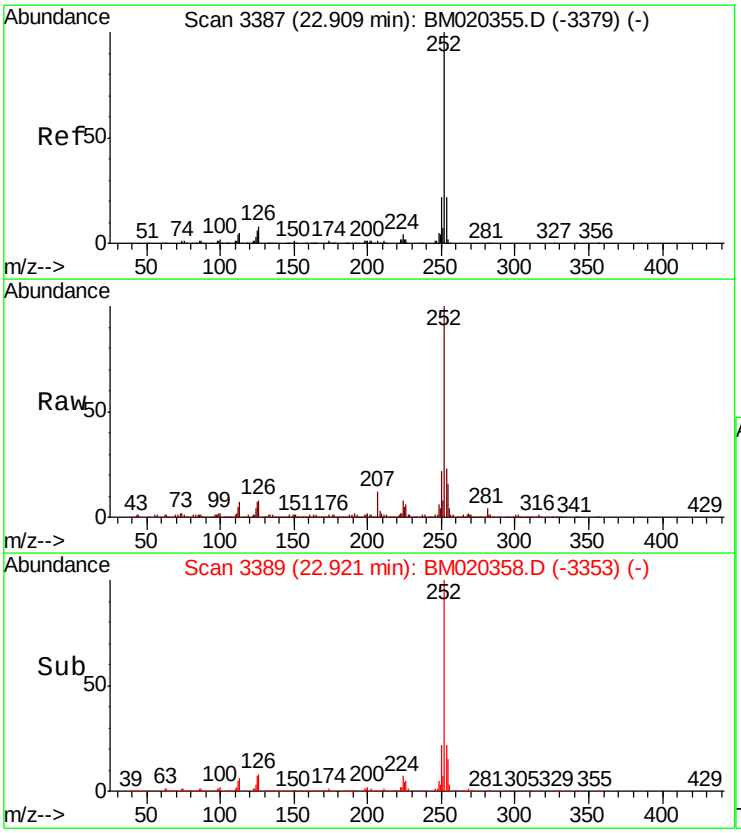
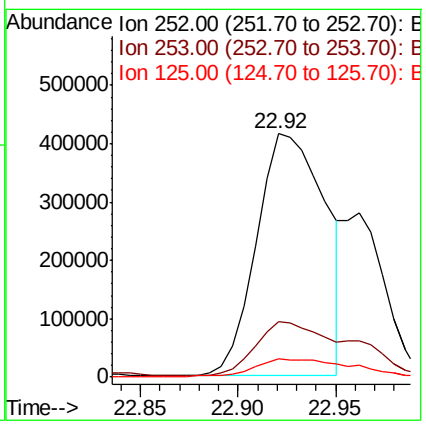


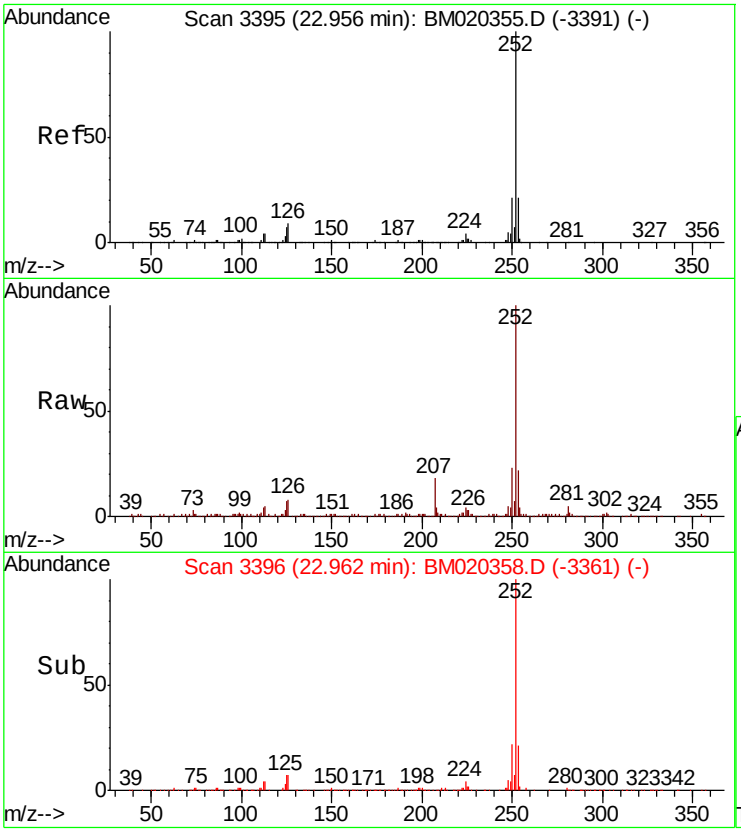


#87
Benzo(b)fluoranthene
Concen: 48.366 ng/ul
RT: 22.92 min Scan# 3389
Delta R.T. 0.01 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:252 Resp: 1011173

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	7.5	5.0	7.4#

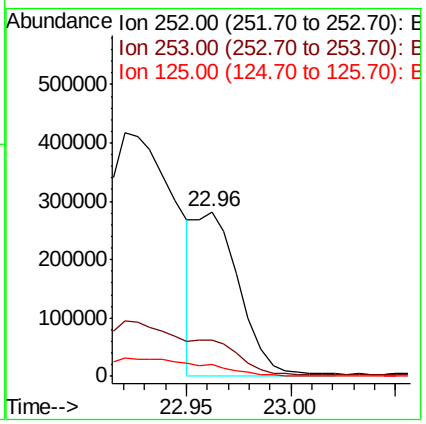




#88
Benzo(k)fluoranthene
Concen: 20.187 ng/ul m
RT: 22.96 min Scan# 3396
Delta R.T. 0.01 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:252 Resp: 414543

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	6.9	5.0	7.6



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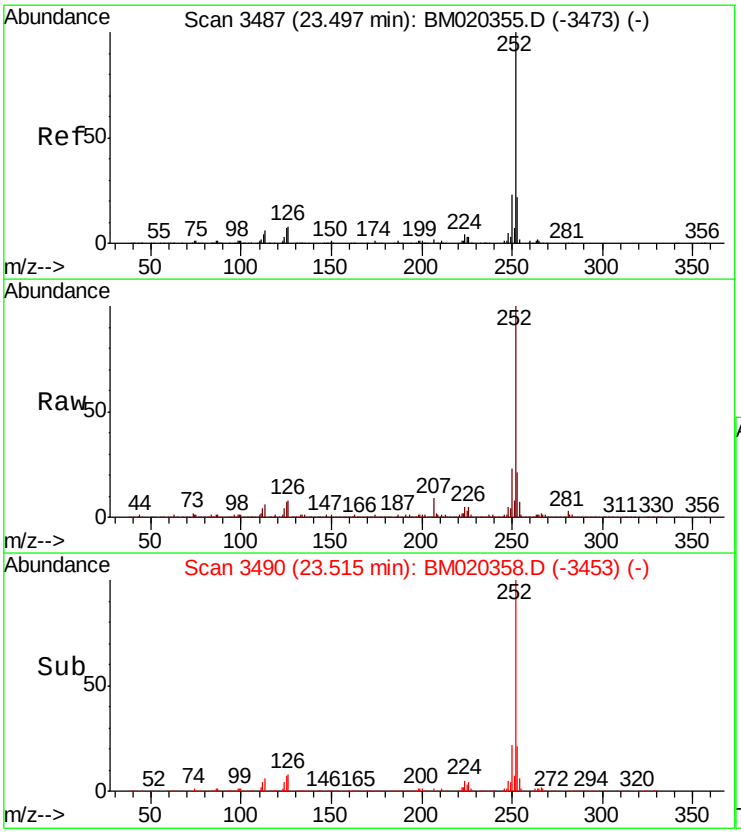
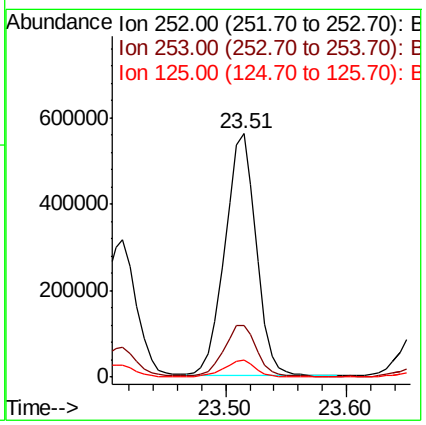
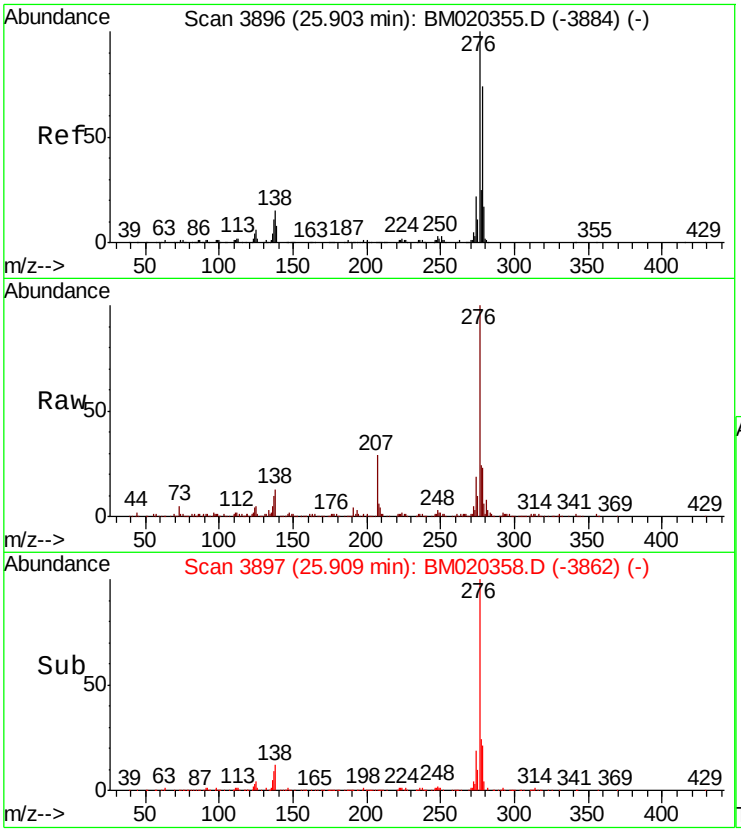


#90
Benzo(a)pyrene
Concen: 51.063 ng/ul
RT: 23.51 min Scan# 3490
Delta R.T. 0.02 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:252 Resp: 1004669

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	7.0	5.4	8.2

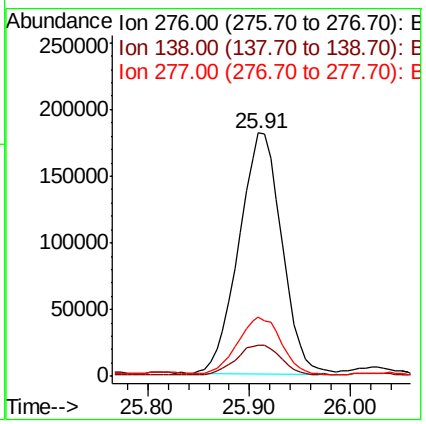




#91
Indeno(1,2,3-cd)pyrene
Concen: 23.705 ng/ul
RT: 25.91 min Scan# 3897
Delta R.T. 0.01 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:276 Resp: 531436

Ion	Ratio	Lower	Upper
276	100		
138	12.7	12.3	18.5
277	24.3	20.0	30.0



Instrument :
BNA_M
ClientSampleId :
GAJ78ME

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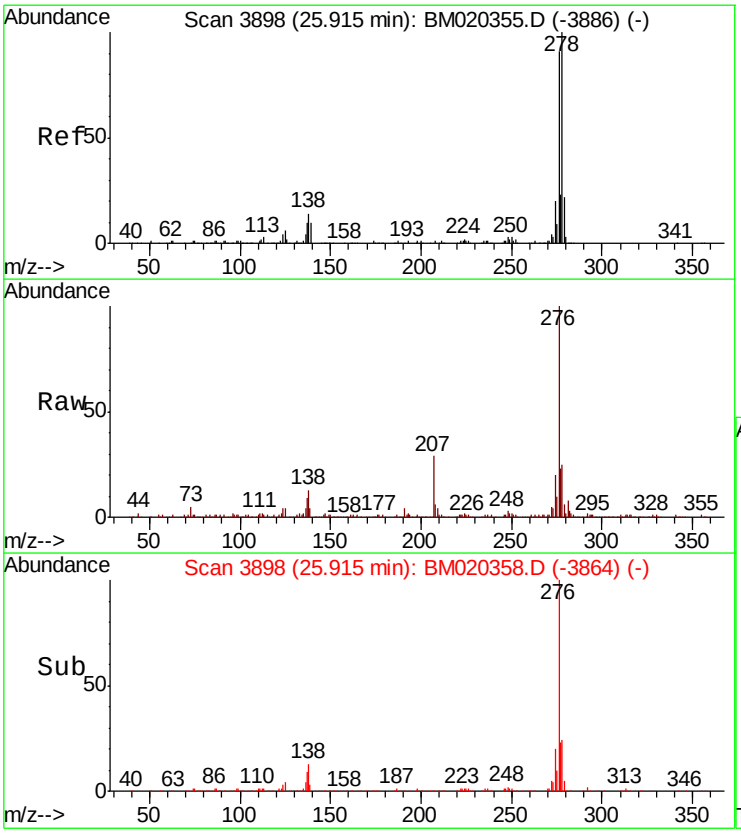
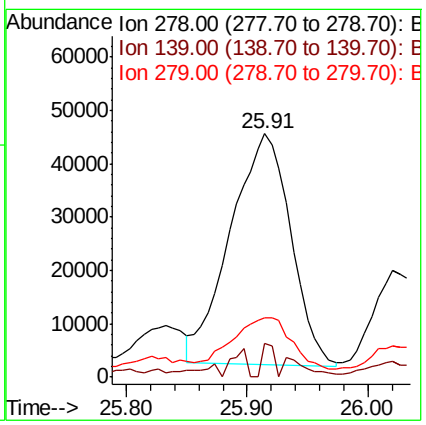
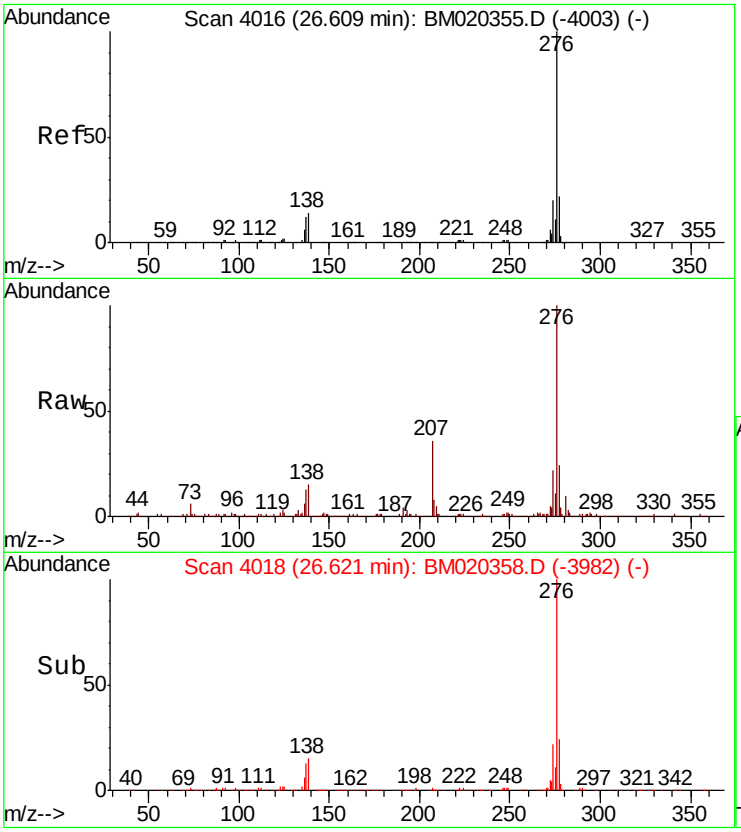


#92
Dibenzo(a,h)anthracene
Concen: 7.833 ng/ul
RT: 25.91 min Scan# 3898
Delta R.T. -0.00 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:278 Resp: 150166

Ion	Ratio	Lower	Upper
278	100		
139	14.0	8.1	12.1#
279	24.2	18.7	28.1

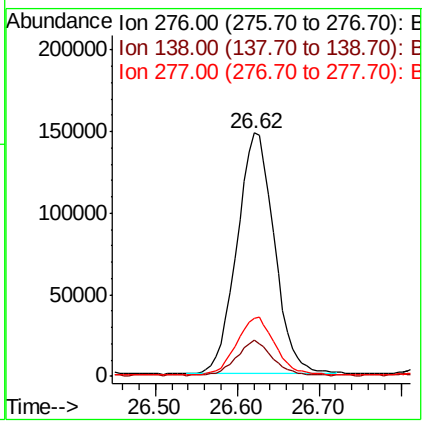




#93
Benzo(g,h,i)perylene
Concen: 25.342 ng/ul
RT: 26.62 min Scan# 4018
Delta R.T. 0.01 min
Lab File: BM020358.D
Acq: 17 May 2019 10:57

Tgt Ion:276 Resp: 470290

Ion	Ratio	Lower	Upper
276	100		
138	14.7	10.0	15.0
277	24.1	18.2	27.4



Instrument :
BNA_M
ClientSampleId :
GAJ78ME

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