Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020357.D
Acq On : 17 May 2019 10:21
Operator : JU/SJ
Sample : K2604-01ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ75ME

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Quant Time: May 20 07:32:49 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	51303	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	193939	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	134109	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	300417	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	324970	20.00	ng/ul	0.01
85) Perylene-d12	23.61	264	373599	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	7933	5.71	ng/uL	0.00
5) Phenol-d5	6.90	99	120554	29.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	86567	33.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	95256	31.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	89441	30.01	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	46454	36.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	44906	32.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	99724	33.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	113407	37.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	332749	34.49	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	420972	34.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	22453	16.03	ng/ul	0.00
57) Fluorene-d10	15.38	176	317211	36.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	14206	8.30	ng/ul	0.02
70) Anthracene-d10	17.24	188	499838	38.79	ng/ul	0.01
78) Pyrene-d10	19.54	212	578933	36.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	634099	37.35	ng/ul	0.01
Target Compounds						Qvalue
11) 2-Methylphenol	8.17	108	9882	3.377	ng/ul	83
16) 4-Methylphenol	8.51	108	9013	2.843	ng/ul	80
24) 2,4-Dimethylphenol	9.73	107	34567m	10.013	ng/ul	
28) Naphthalene	10.60	128	13438720	1508.203	ng/ul	99
34) 2-Methylnaphthalene	12.21	142	5216235	808.529	ng/ul	98
40) 1,1'-Biphenyl	13.22	154	730423	76.079	ng/ul	99
47) Acenaphthylene	14.12	152	3018353	265.203	ng/ul	98
49) Acenaphthene	14.45	153	359773	45.981	ng/ul	99
53) Dibenzofuran	14.79	168	1082589	91.368	ng/ul	99
58) Fluorene	15.44	166	2431899	256.208	ng/ul	100
69) Phenanthrene	17.20	178	12563330	877.689	ng/ul	97
71) Anthracene	17.28	178	2740988	188.247	ng/ul	100
74) Carbazole	17.55	167	342953	27.749	ng/ul	97
76) Fluoranthene	19.21	202	5691666	314.777	ng/ul	98
79) Pyrene	19.58	202	6384367	327.313	ng/ul	97
82) Benzo(a)anthracene	21.32	228	2655589	135.771	ng/ul	93
84) Chrysene	21.37	228	2126222	113.751	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	1824765	85.580	ng/ul	99
88) Benzo(k)fluoranthene	22.97	252	677644m	32.356	ng/ul	
90) Benzo(a)pyrene	23.52	252	1787704	89.091	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.91	276	781149	34.164	ng/ul	97
92) Dibenzo(a,h)anthracene	25.92	278	237595	12.151	ng/ul#	91
93) Benzo(g,h,i)perylene	26.63	276	684162	36.148	ng/ul	97

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

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

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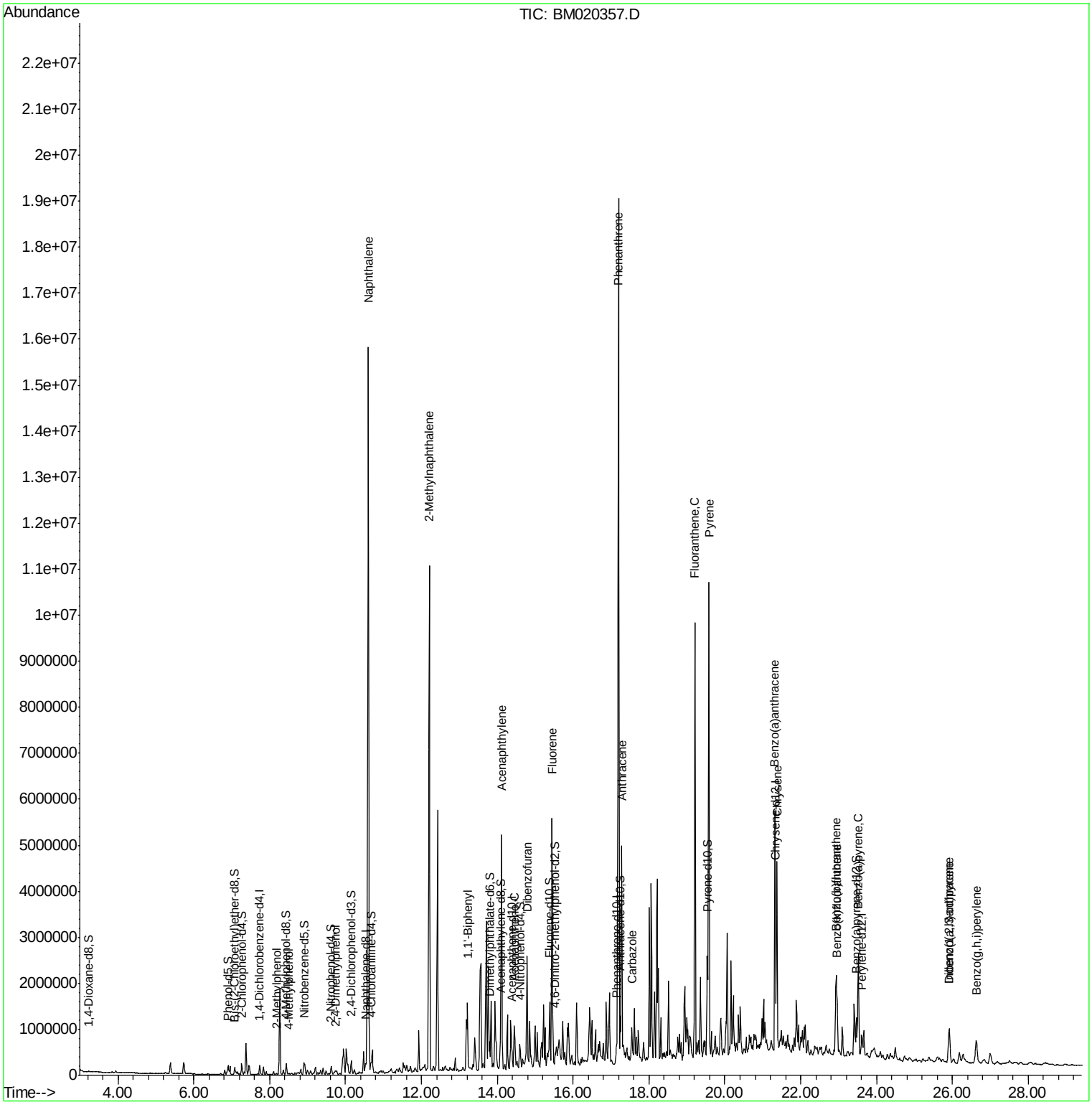
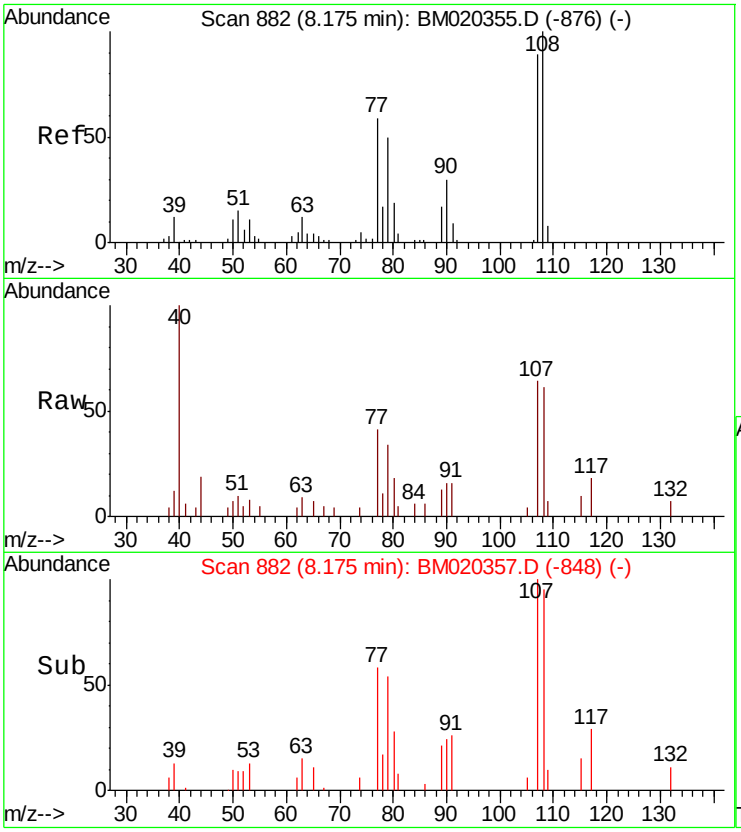
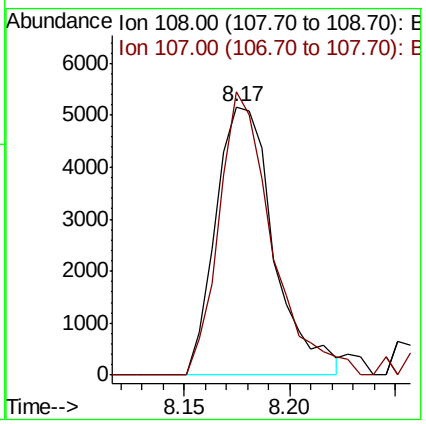




#11
2-Methylphenol
Concen: 3.377 ng/ul
RT: 8.17 min Scan# 882
Delta R.T. -0.00 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:108 Resp: 9882

Ion	Ratio	Lower	Upper
108	100		
107	105.6	72.0	108.0



Instrument :
BNA_M
ClientSampleId :
GAJ75ME

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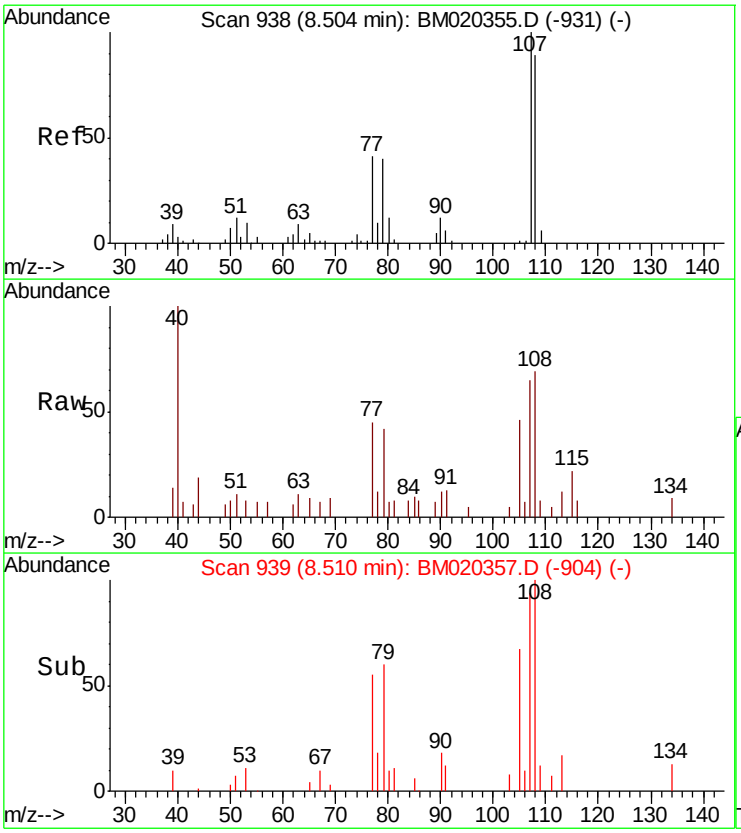
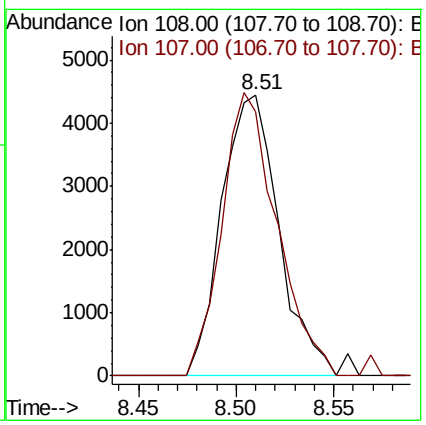
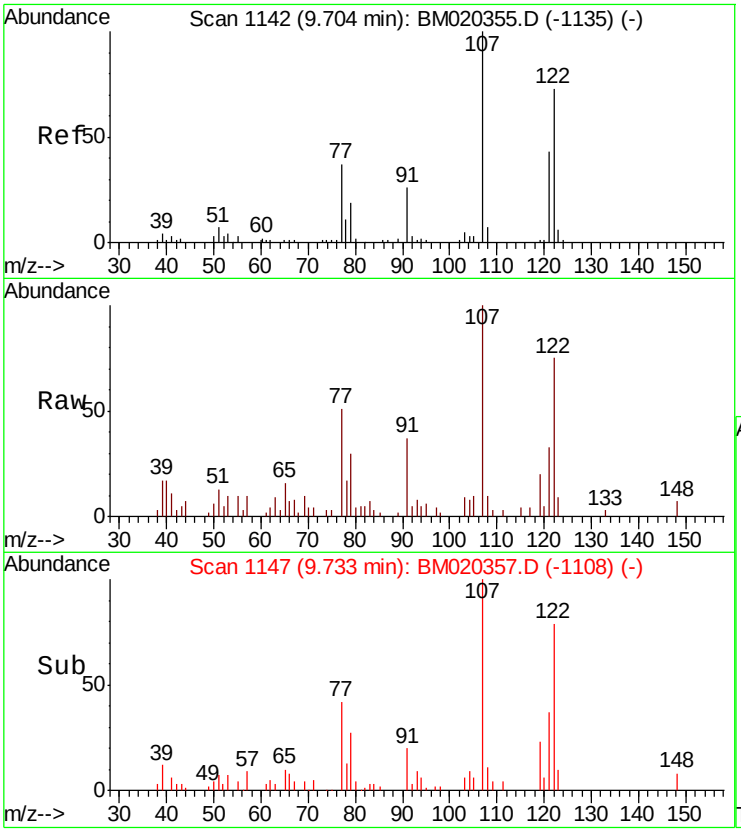


#16
4-Methylphenol
Concen: 2.843 ng/ul
RT: 8.51 min Scan# 939
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:108 Resp: 9013

Ion	Ratio	Lower	Upper
108	100		
107	94.0	93.0	139.4

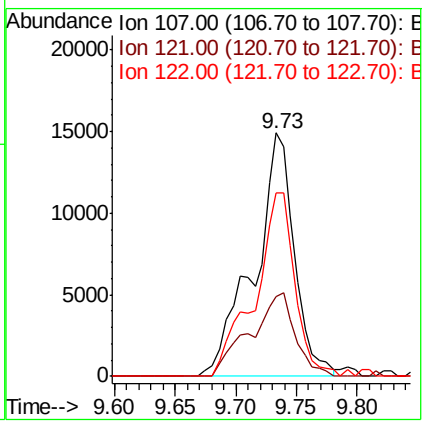




#24
2,4-Dimethylphenol
Concen: 10.013 ng/ul m
RT: 9.73 min Scan# 1147
Delta R.T. 0.03 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:107 Resp: 34567

Ion	Ratio	Lower	Upper
107	100		
121	32.6	35.1	52.7#
122	75.4	58.1	87.1



Instrument :
BNA_M
ClientSampleId :
GAJ75ME

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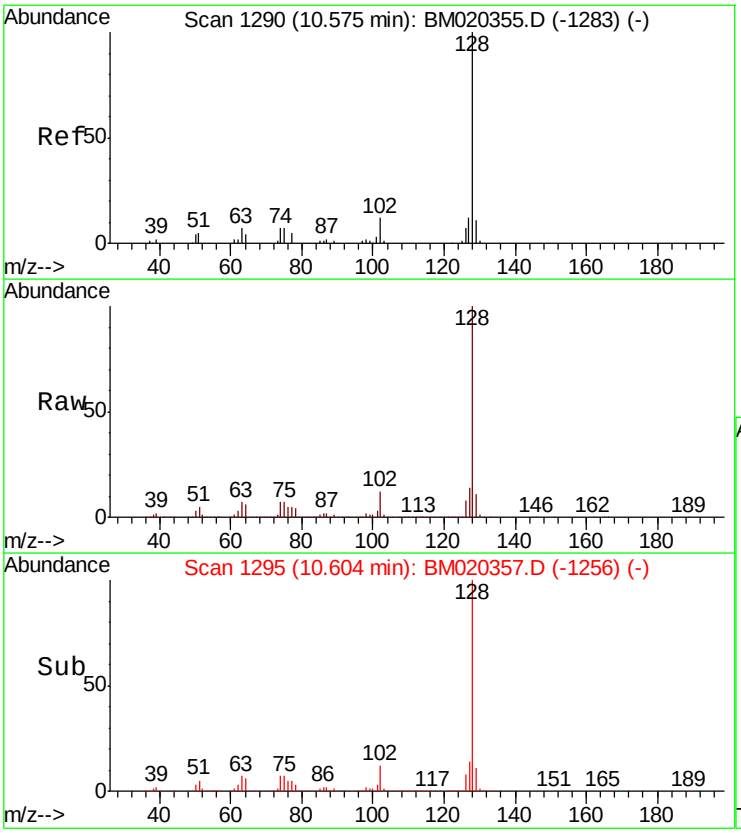
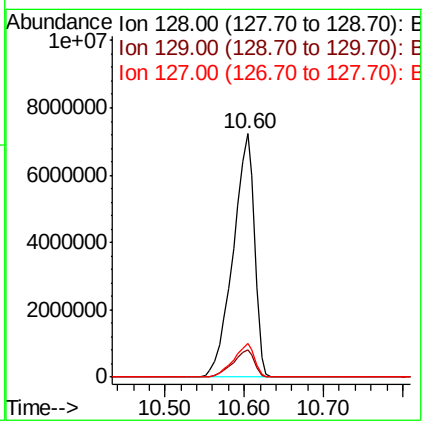
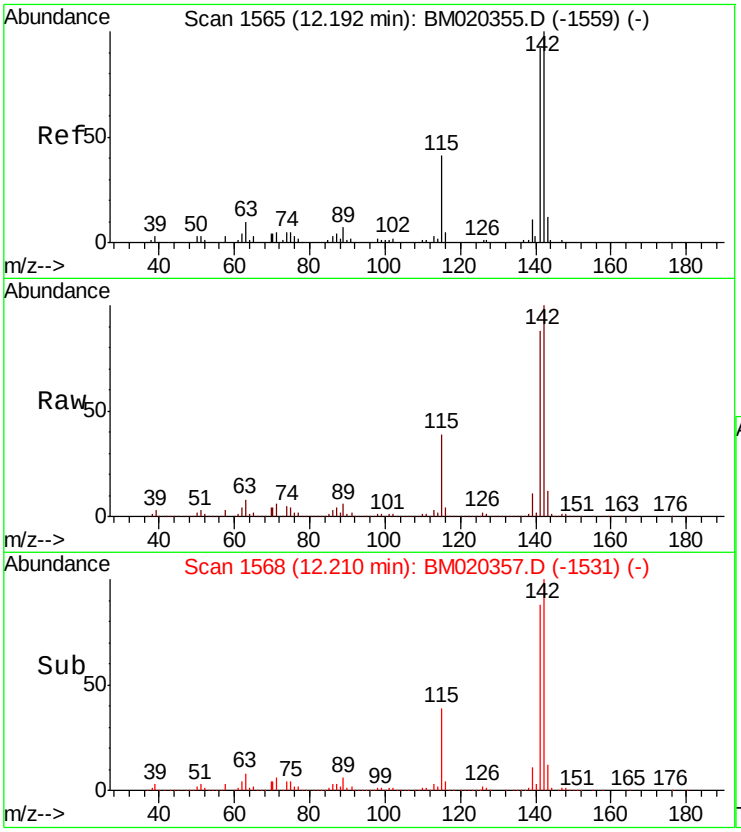


#28
Naphthalene
Concen: 1508.203 ng/ul
RT: 10.60 min Scan# 1295
Delta R.T. 0.03 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:128 Resp:13438720

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.7	10.6	15.8





#34
2-Methylnaphthalene
Concen: 808.529 ng/ul
RT: 12.21 min Scan# 1568
Delta R.T. 0.02 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:142 Resp: 5216235

Ion	Ratio	Lower	Upper
142	100		
141	87.7	68.6	102.8

Instrument :
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ClientSampleId :
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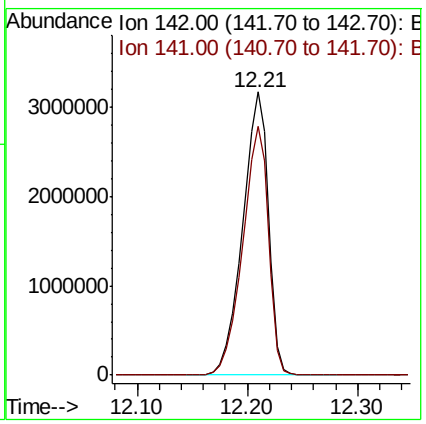
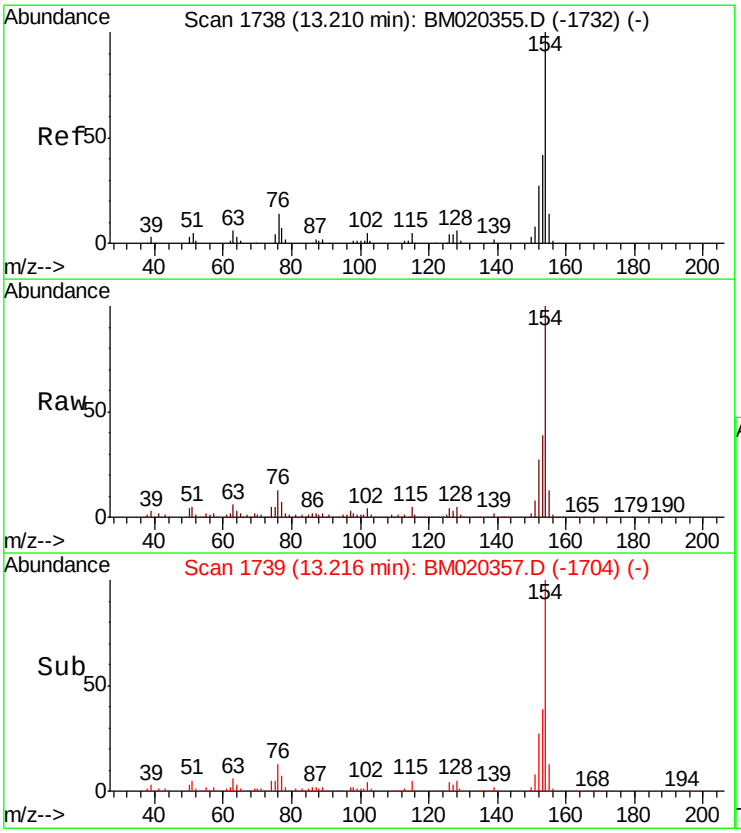
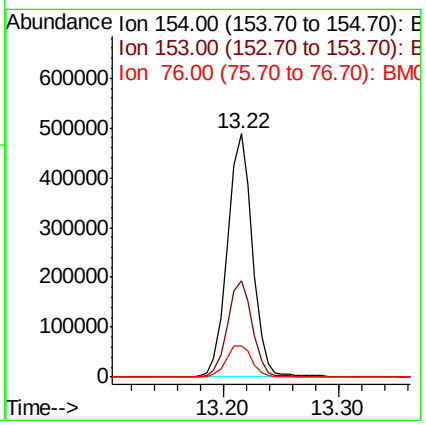


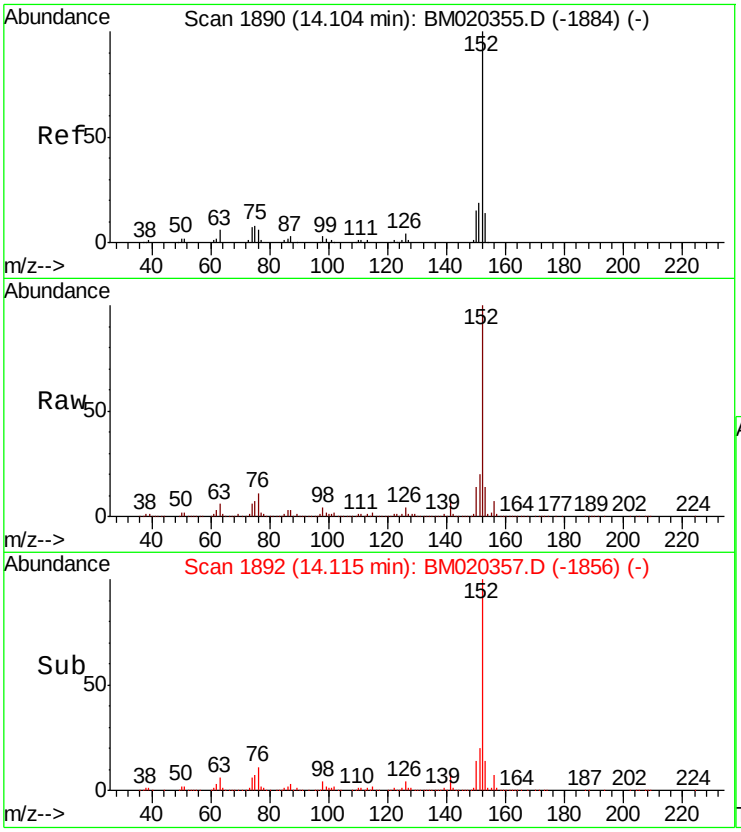


#40
1,1'-Biphenyl
Concen: 76.079 ng/ul
RT: 13.22 min Scan# 1739
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:154 Resp: 730423

Ion	Ratio	Lower	Upper
154	100		
153	39.5	32.2	48.4
76	13.0	11.0	16.4

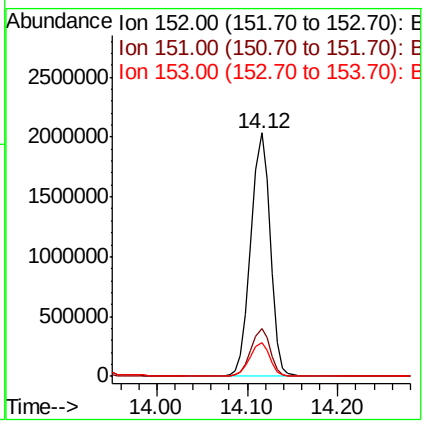




#47
Acenaphthylene
Concen: 265.203 ng/ul
RT: 14.12 min Scan# 1892
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:152 Resp: 3018353

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0
153	13.9	10.3	15.5



Instrument :
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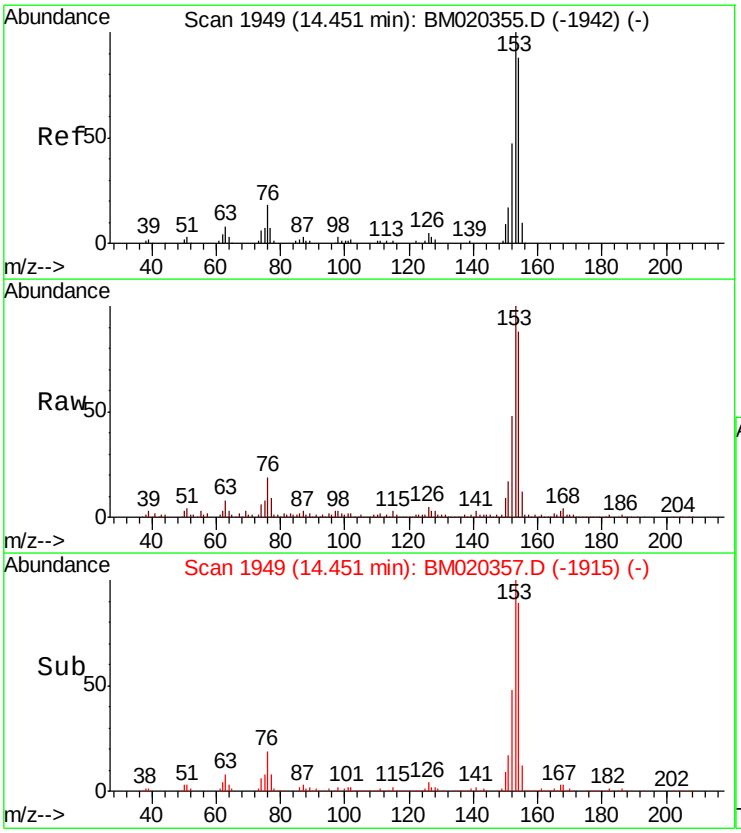
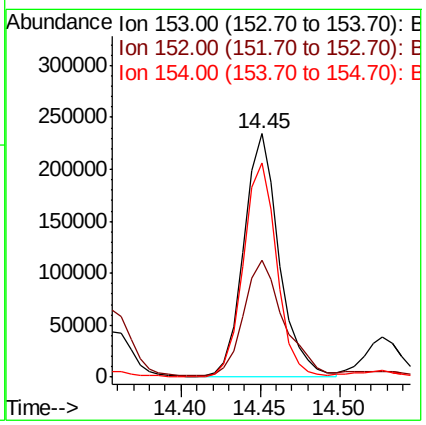
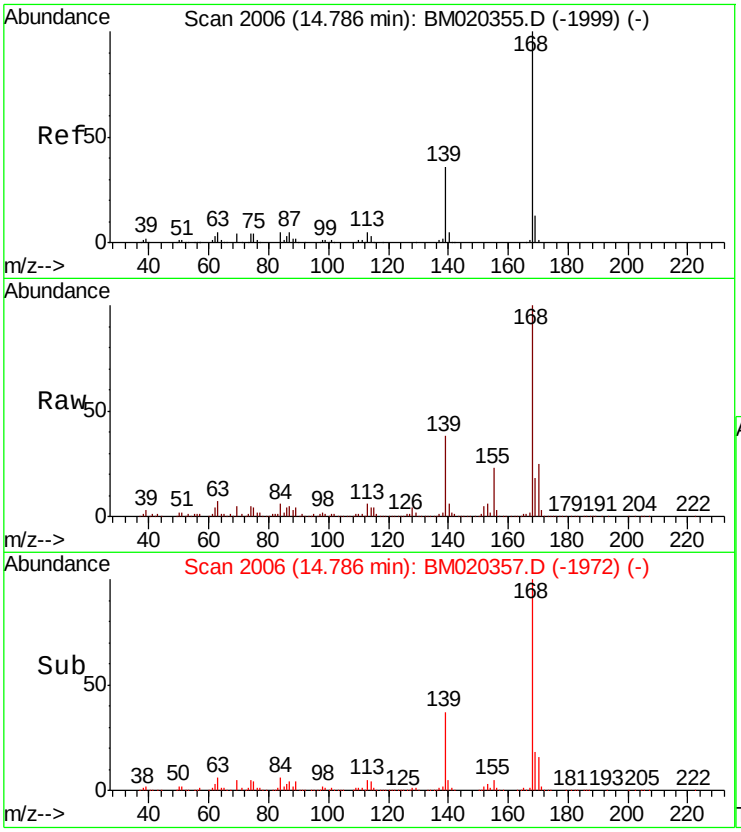


#49
Acenaphthene
Concen: 45.981 ng/ul
RT: 14.45 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:153 Resp: 359773

Ion	Ratio	Lower	Upper
153	100		
152	48.2	37.9	56.9
154	88.2	71.2	106.8





#53
Dibenzofuran
Concen: 91.368 ng/ul
RT: 14.79 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:168 Resp: 1082589

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1

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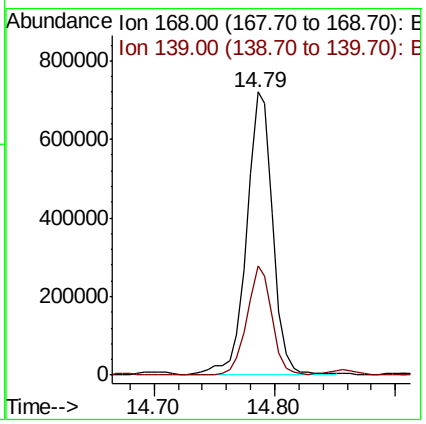
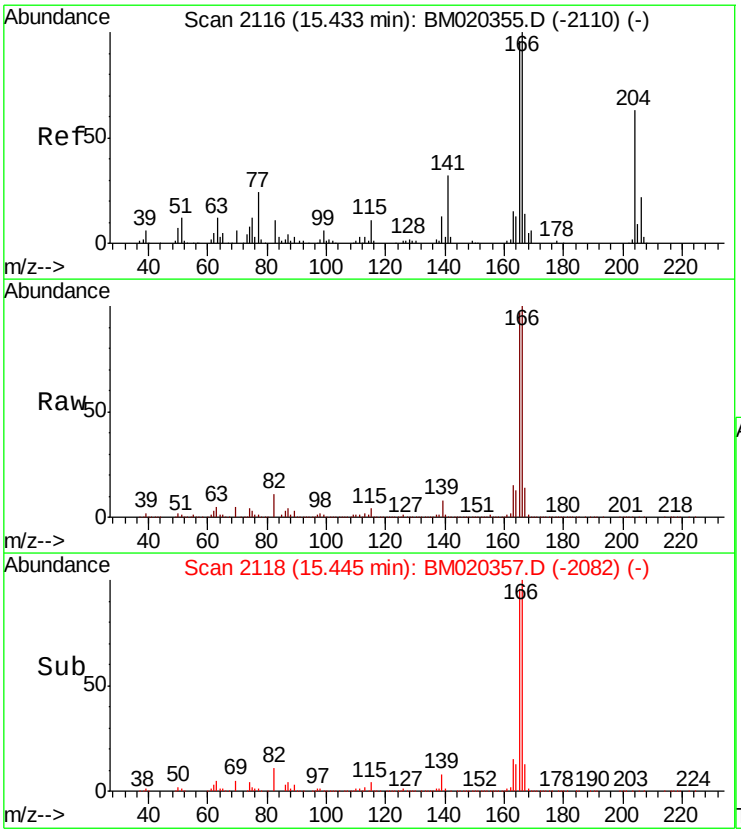
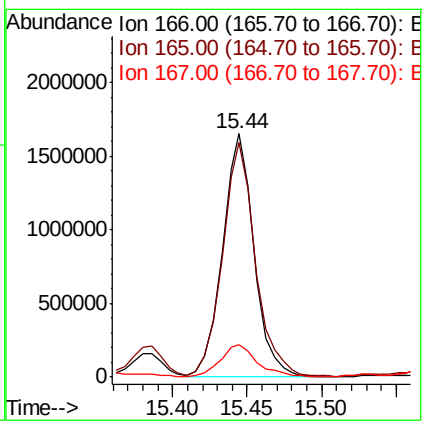


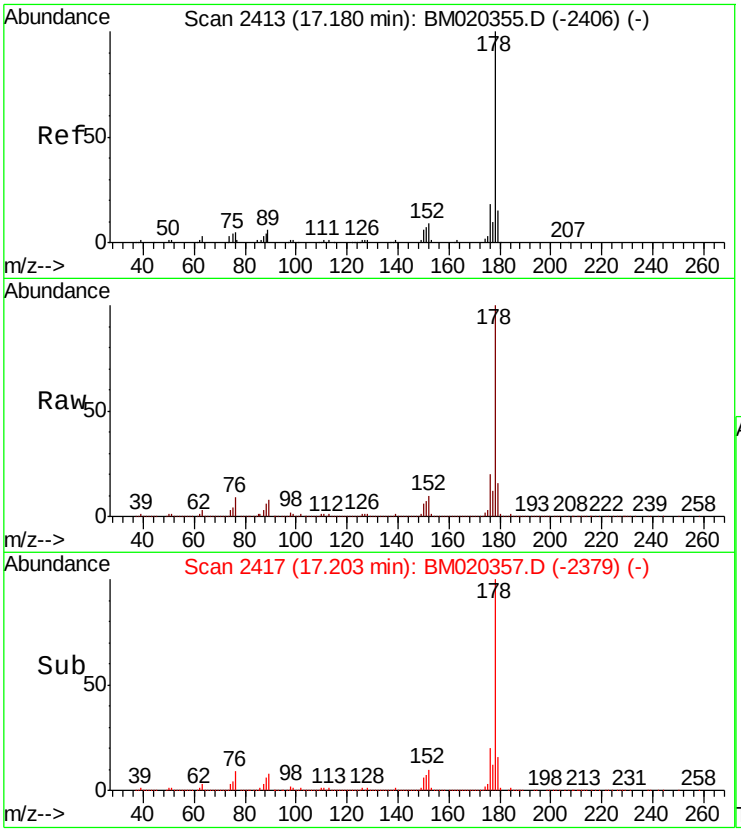


#58
Fluorene
Concen: 256.208 ng/ul
RT: 15.44 min Scan# 2118
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:166 Resp: 2431899

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.1	115.7
167	13.6	11.1	16.7

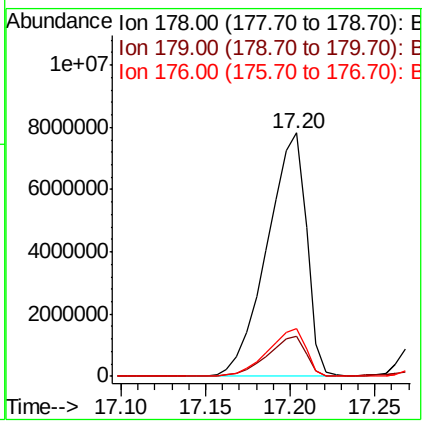




#69
Phenanthrene
Concen: 877.689 ng/ul
RT: 17.20 min Scan# 2417
Delta R.T. 0.02 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:178 Resp:12563330

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.9	17.9
176	19.6	14.6	22.0



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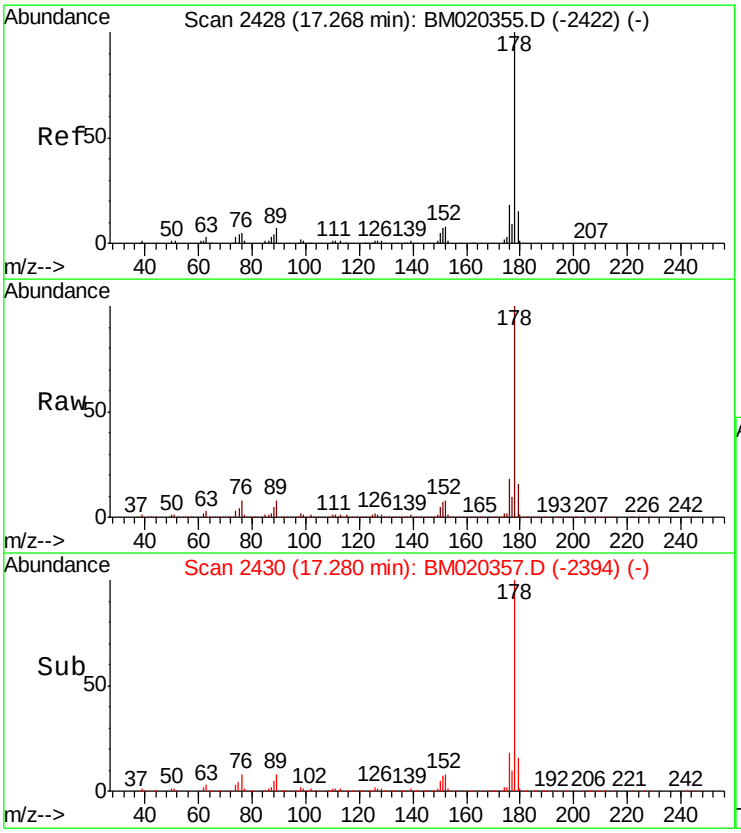
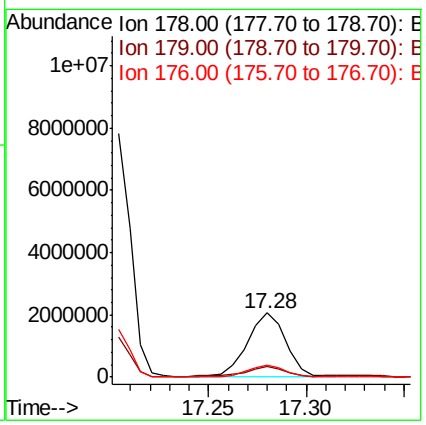
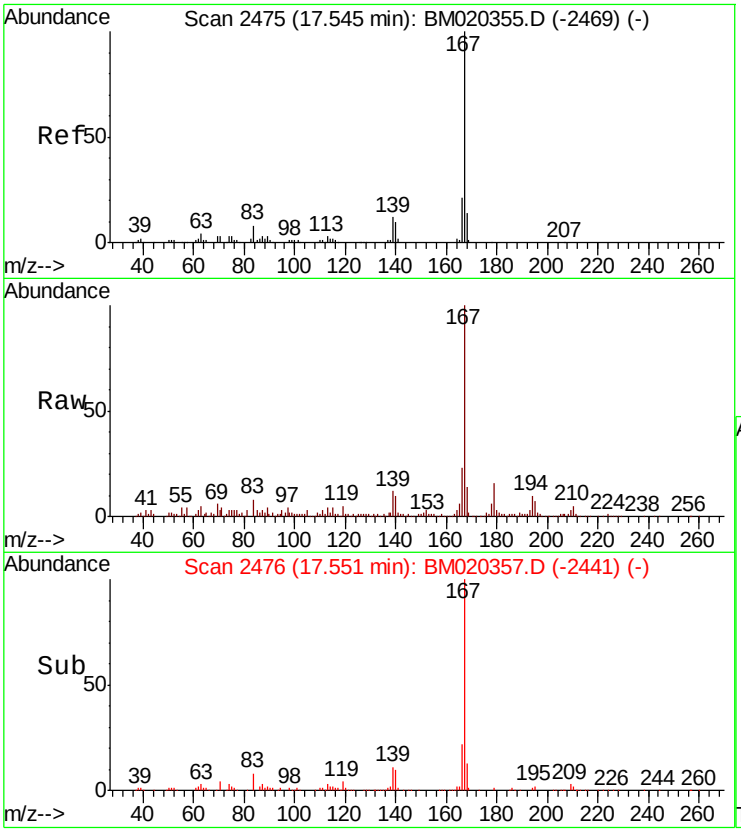


#71
Anthracene
Concen: 188.247 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:178 Resp: 2740988

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	17.8	14.4	21.6

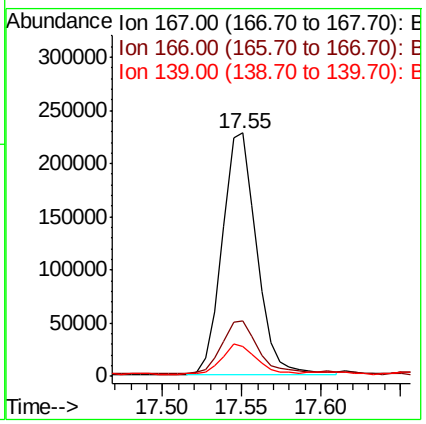




#74
Carbazole
Concen: 27.749 ng/ul
RT: 17.55 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:167 Resp: 342953

Ion	Ratio	Lower	Upper
167	100		
166	23.0	16.6	24.8
139	12.4	9.8	14.8



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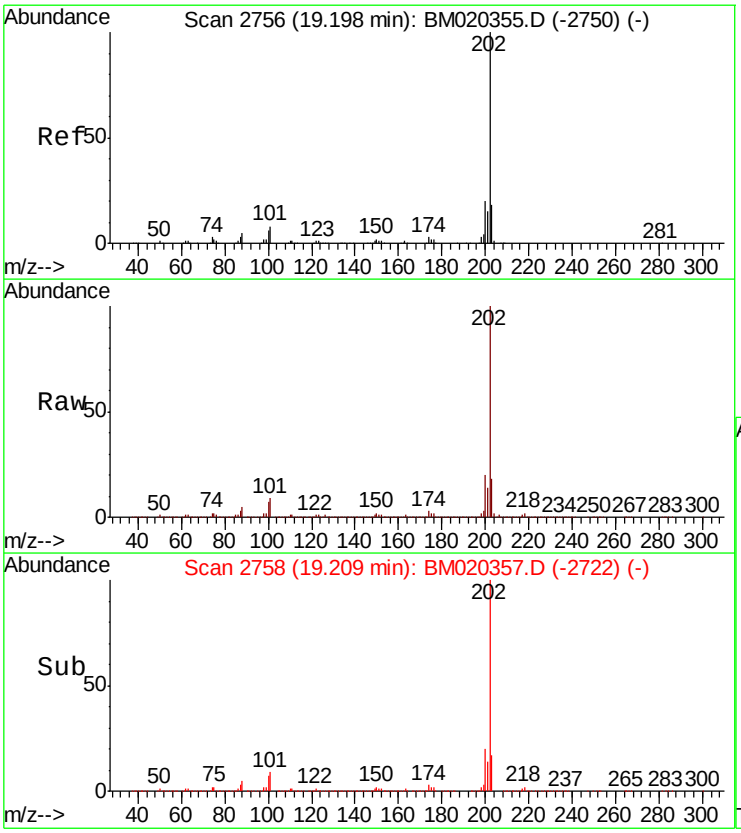
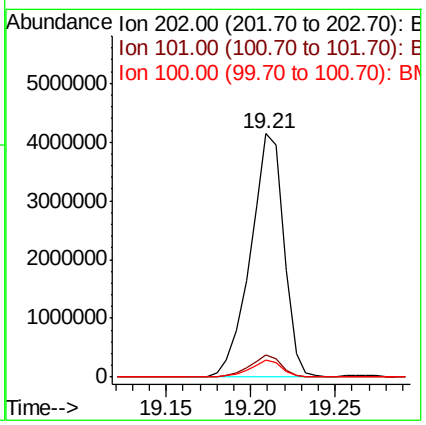
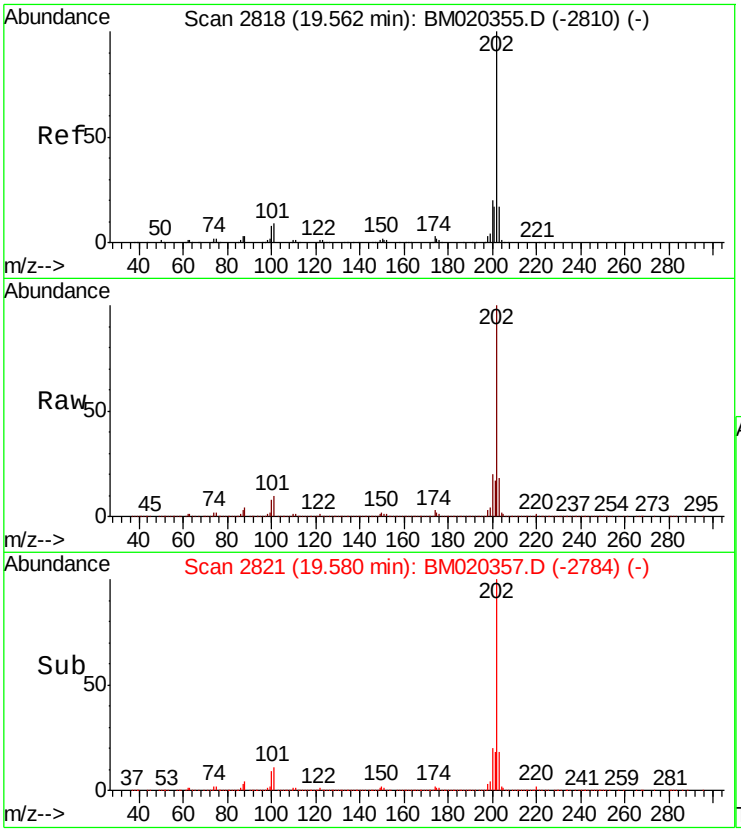


#76
Fluoranthene
Concen: 314.777 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:202 Resp: 5691666

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.4	9.6
100	7.1	5.2	7.8

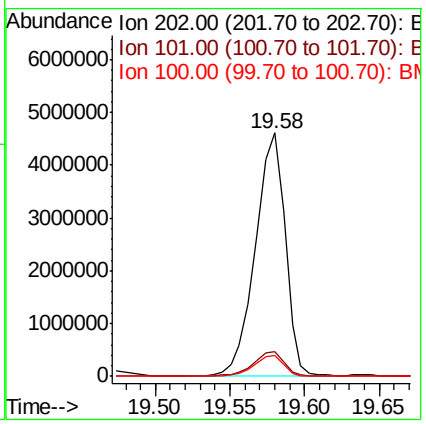




#79
Pyrene
Concen: 327.313 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. 0.02 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:202 Resp: 6384367

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.1	10.7
100	8.4	5.9	8.9



Instrument :
BNA_M
ClientSampleId :
GAJ75ME

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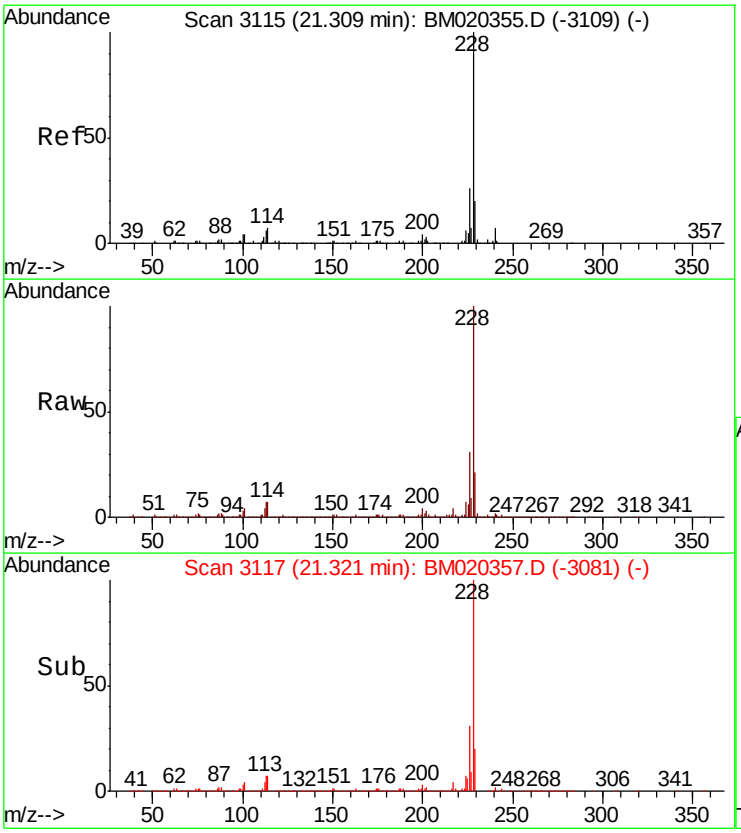
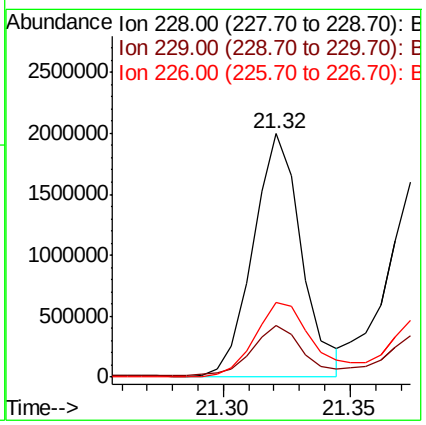
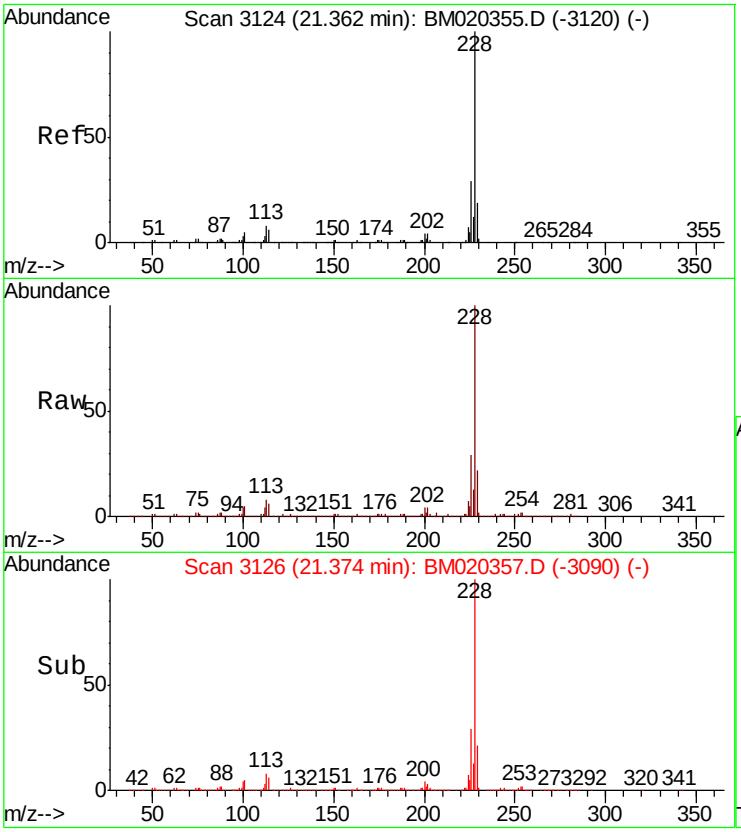


#82
Benzo(a)anthracene
Concen: 135.771 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:228 Resp: 2655589

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	30.8	20.6	30.8

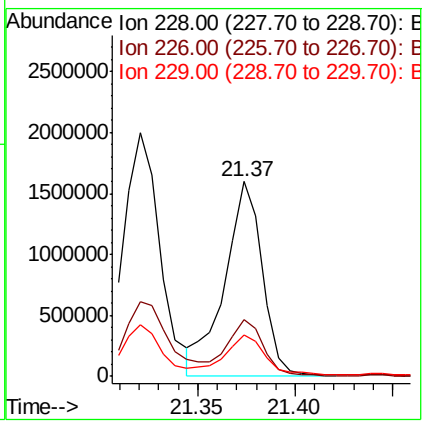




#84
Chrysene
Concen: 113.751 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:228 Resp: 2126222

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.2	33.4
229	21.5	15.4	23.2



Instrument :
BNA_M
ClientSampleId :
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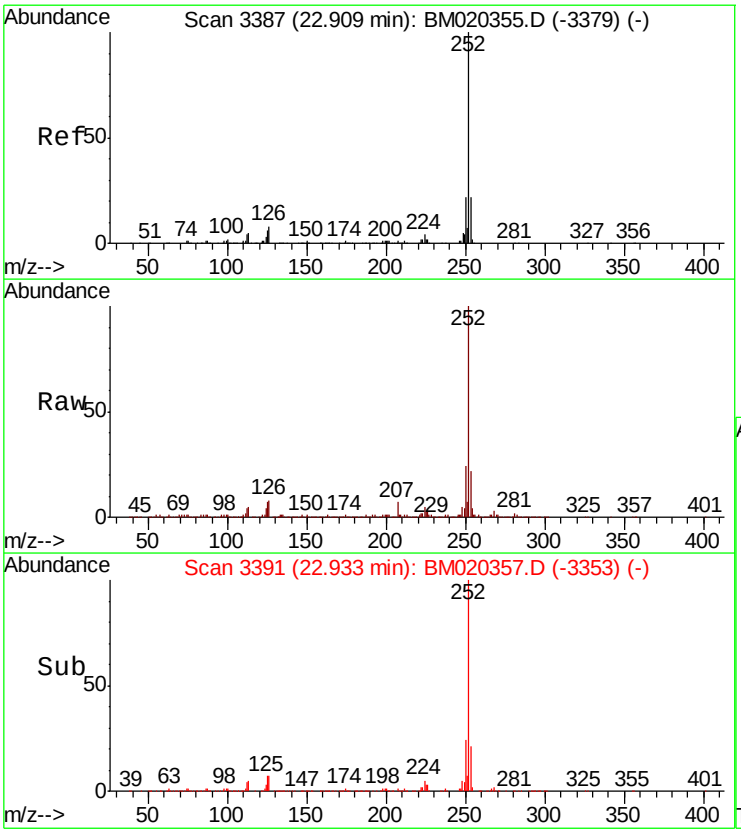
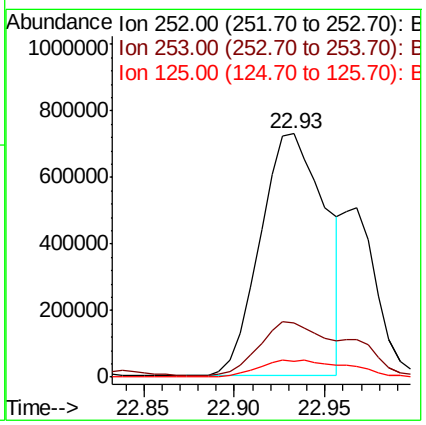
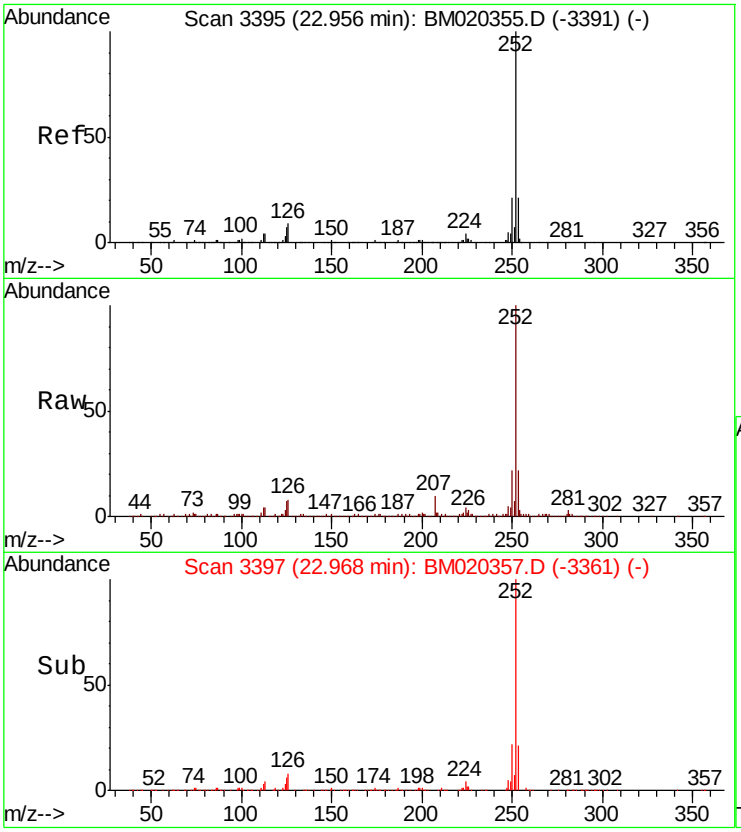


#87
Benzo(b)fluoranthene
Concen: 85.580 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. 0.02 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:252 Resp: 1824765

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	6.7	5.0	7.4

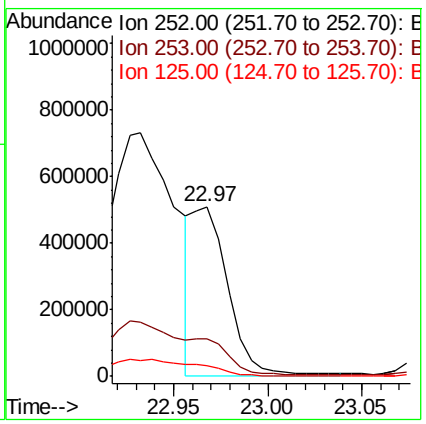




#88
Benzo(k)fluoranthene
Concen: 32.356 ng/ul m
RT: 22.97 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:252 Resp: 677644

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	6.6	5.0	7.6



Instrument :
BNA_M
ClientSampleId :
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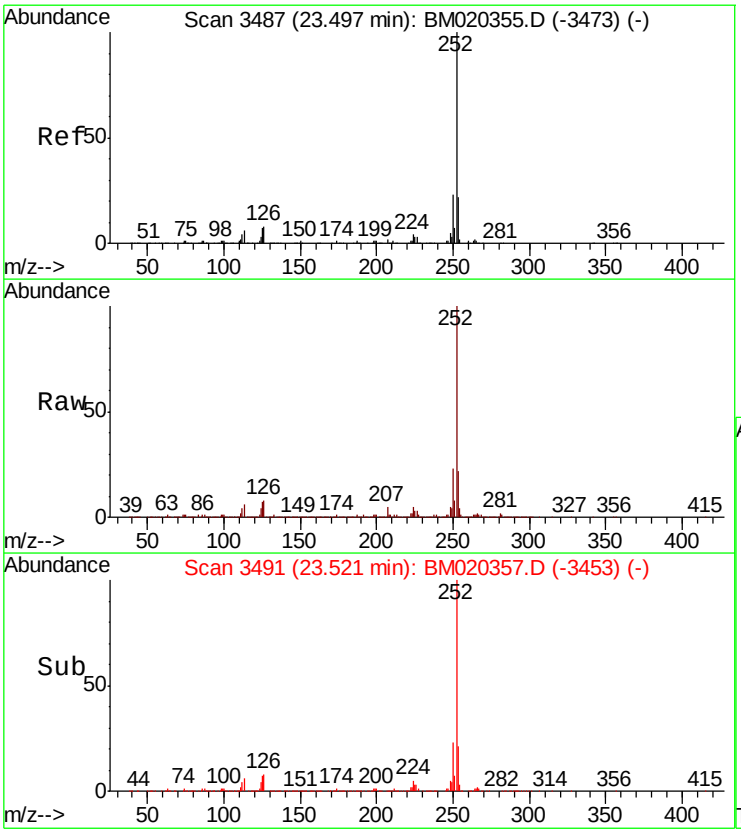
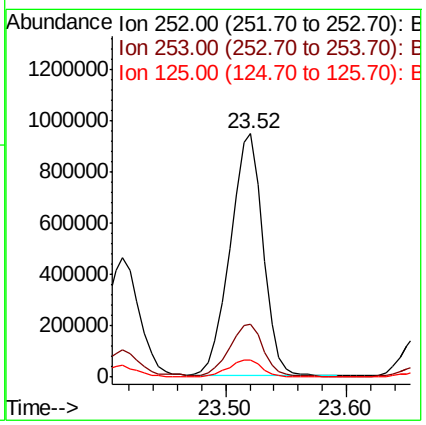
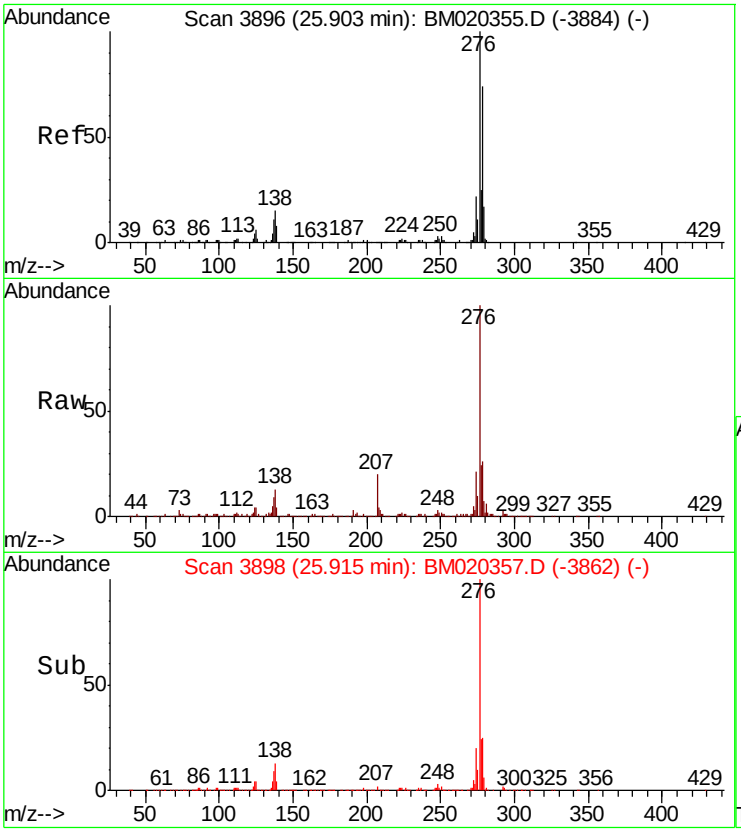


#90
Benzo(a)pyrene
Concen: 89.091 ng/ul
RT: 23.52 min Scan# 3491
Delta R.T. 0.02 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:252 Resp: 1787704

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	6.9	5.4	8.2

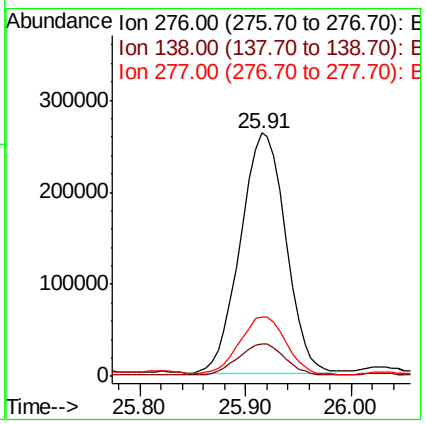




#91
Indeno(1,2,3-cd)pyrene
Concen: 34.164 ng/ul
RT: 25.91 min Scan# 3898
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:276 Resp: 781149

Ion	Ratio	Lower	Upper
276	100		
138	13.1	12.3	18.5
277	24.2	20.0	30.0



Instrument :
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ClientSampleId :
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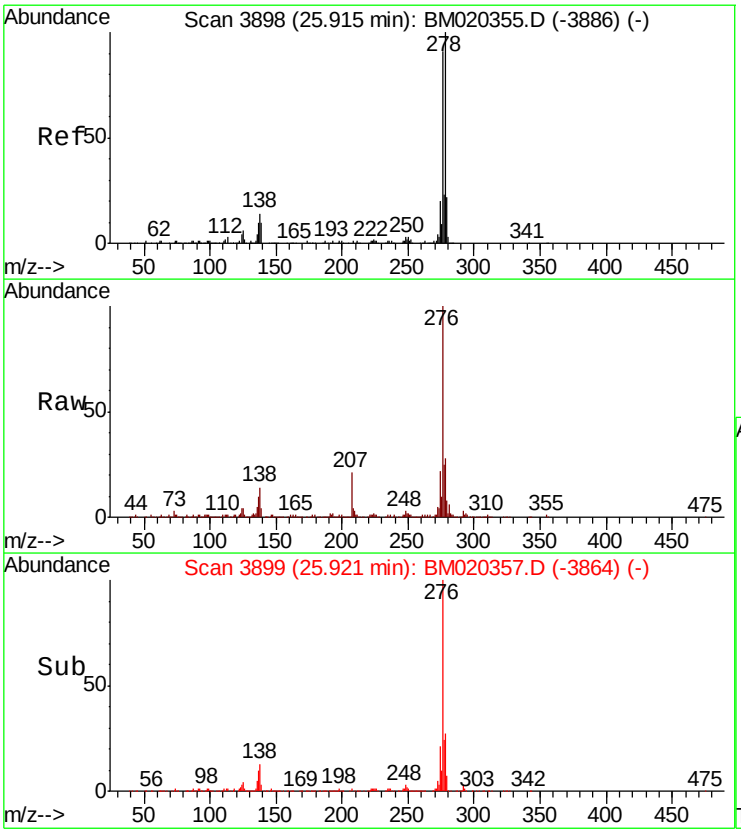
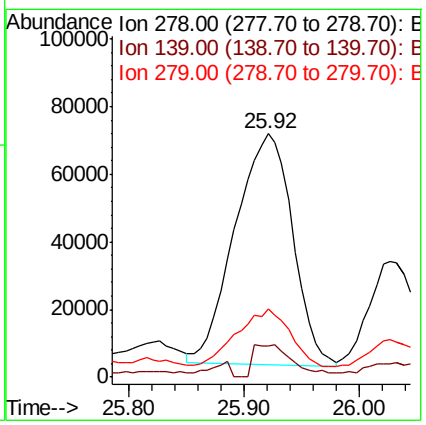
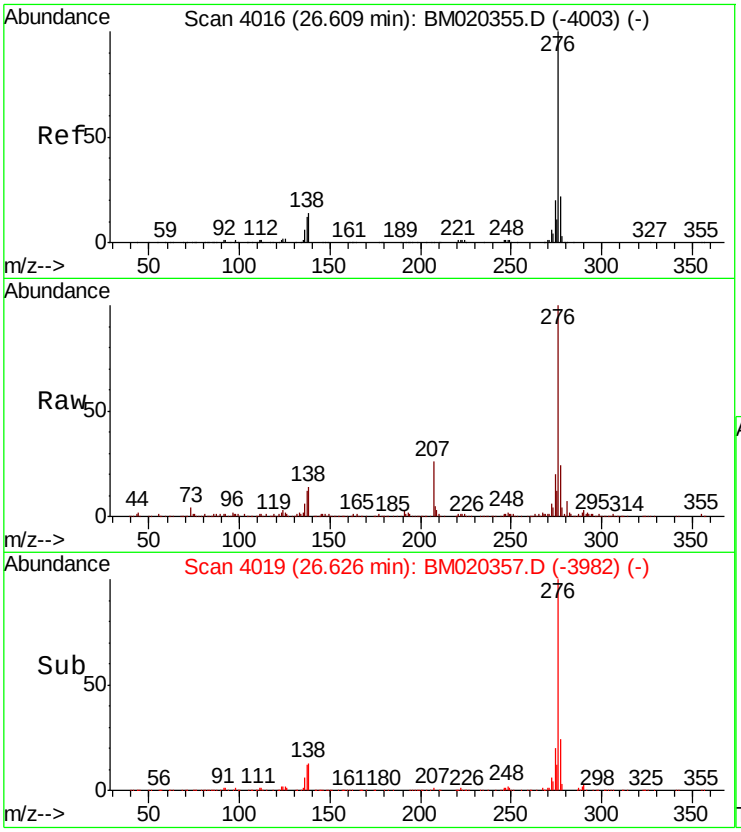


#92
Dibenzo(a,h)anthracene
Concen: 12.151 ng/ul
RT: 25.92 min Scan# 3899
Delta R.T. 0.01 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:278 Resp: 237595

Ion	Ratio	Lower	Upper
278	100		
139	12.8	8.1	12.1#
279	27.9	18.7	28.1

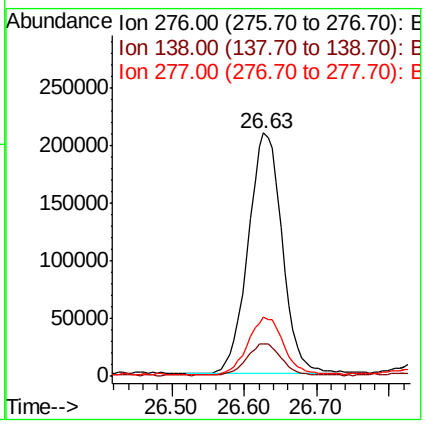




#93
Benzo(g,h,i)perylene
Concen: 36.148 ng/ul
RT: 26.63 min Scan# 4019
Delta R.T. 0.02 min
Lab File: BM020357.D
Acq: 17 May 2019 10:21

Tgt Ion:276 Resp: 684162

Ion	Ratio	Lower	Upper
276	100		
138	13.6	10.0	15.0
277	24.4	18.2	27.4



Instrument :
BNA_M
ClientSampleId :
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