Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026148.D
Acq On : 27 May 2020 16:45
Operator : MA/SJ
Sample : L2756-08DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETKX0DL

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Quant Time: May 27 17:21:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 27 10:30:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	141504	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	571472	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	333601	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	714816	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	802294	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	837471	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	1915	0.41	ng/uL	0.02
5) Phenol-d5	6.68	99	6438	0.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	24081	2.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	19592	1.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	11769	1.22	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	12057	2.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	9468	2.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	19492	2.11	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.55	166	81161	3.03	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	87596	2.76	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.13	176	73228	3.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	5092	1.22	ng/ul	0.00
71) Anthracene-d10	16.97	188	110226	3.13	ng/ul	0.00
79) Pyrene-d10	19.27	212	132358	3.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	121017	2.71	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.29	128	1679892	48.078	ng/ul	100
34) 2-Methylnaphthalene	11.92	142	271847	11.567	ng/ul	99
41) 1,1'-Biphenyl	12.95	154	89657	3.029	ng/ul	100
48) Acenaphthylene	13.85	152	357569	10.276	ng/ul	100
59) Fluorene	15.18	166	132383	4.745	ng/ul	99
70) Phenanthrene	16.92	178	789869	17.542	ng/ul	100
72) Anthracene	17.01	178	204833	4.534	ng/ul	100
77) Fluoranthene	18.94	202	385864	8.170	ng/ul	98
80) Pyrene	19.30	202	587596	10.433	ng/ul	99
83) Benzo(a)anthracene	21.06	228	159301m	2.881	ng/ul	
85) Chrysene	21.11	228	140328	2.553	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	132335	2.336	ng/ul#	95
91) Benzo(a)pyrene	23.10	252	157923	3.168	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.27	276	72765m	1.125	ng/ul	
94) Benzo(g,h,i)perylene	25.90	276	91942	1.703	ng/ul	97

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

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Quant Time: May 27 17:21:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 27 10:30:40 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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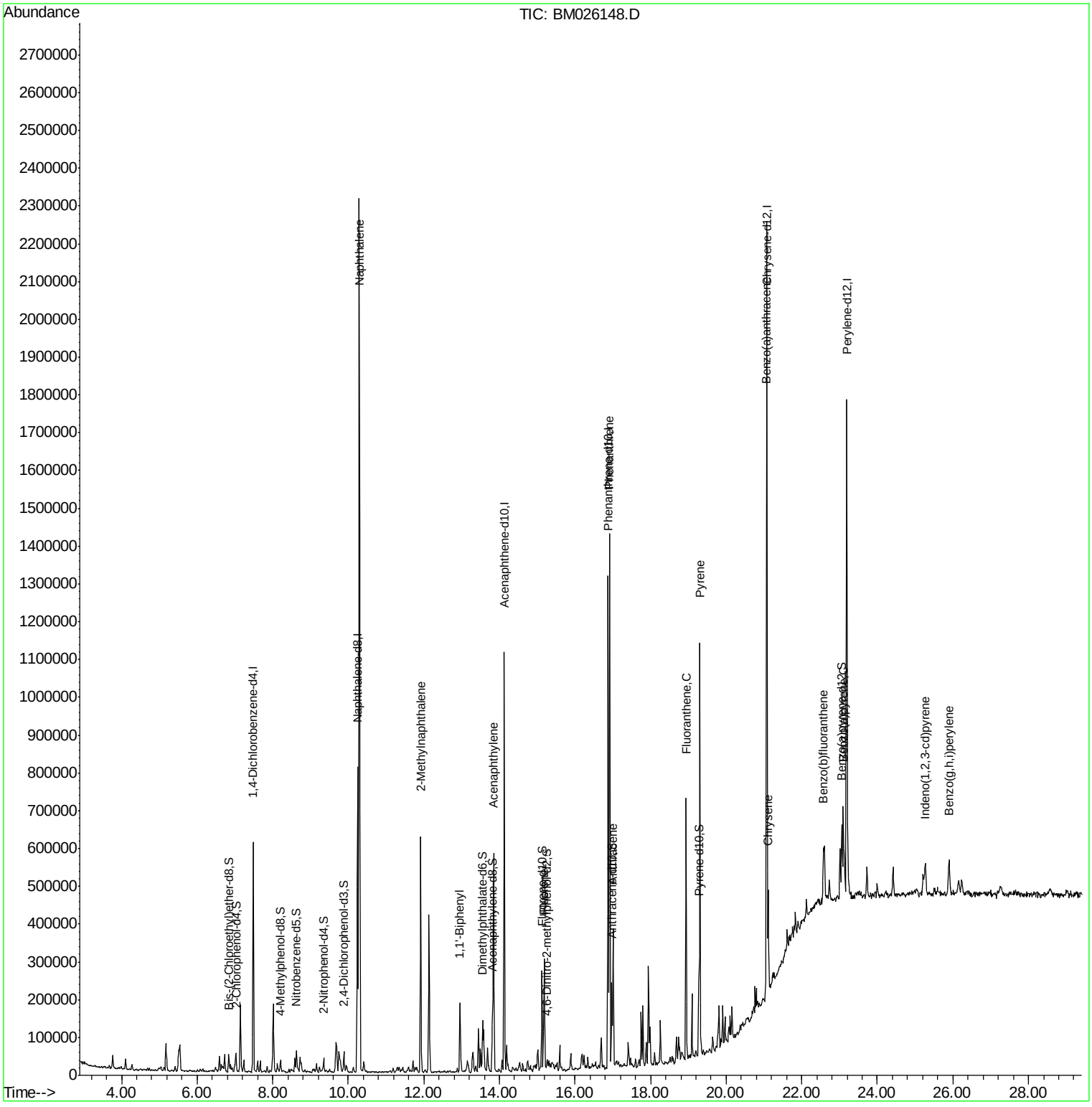
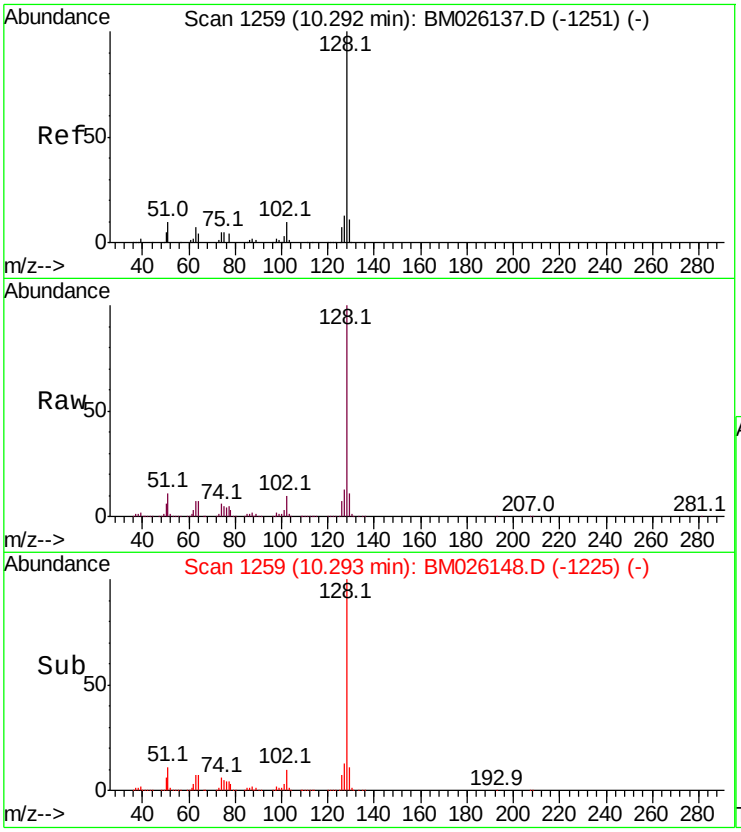
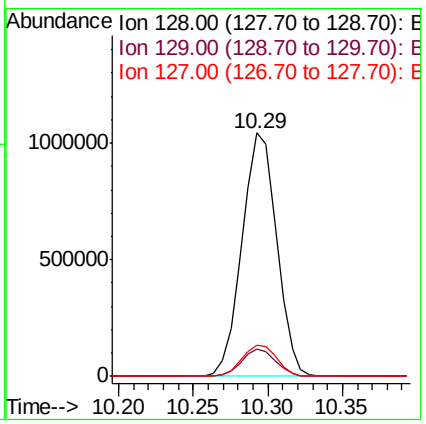




#28
Naphthalene
Concen: 48.078 ng/ul
RT: 10.29 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:128 Resp: 1679892

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.0	10.6	15.8



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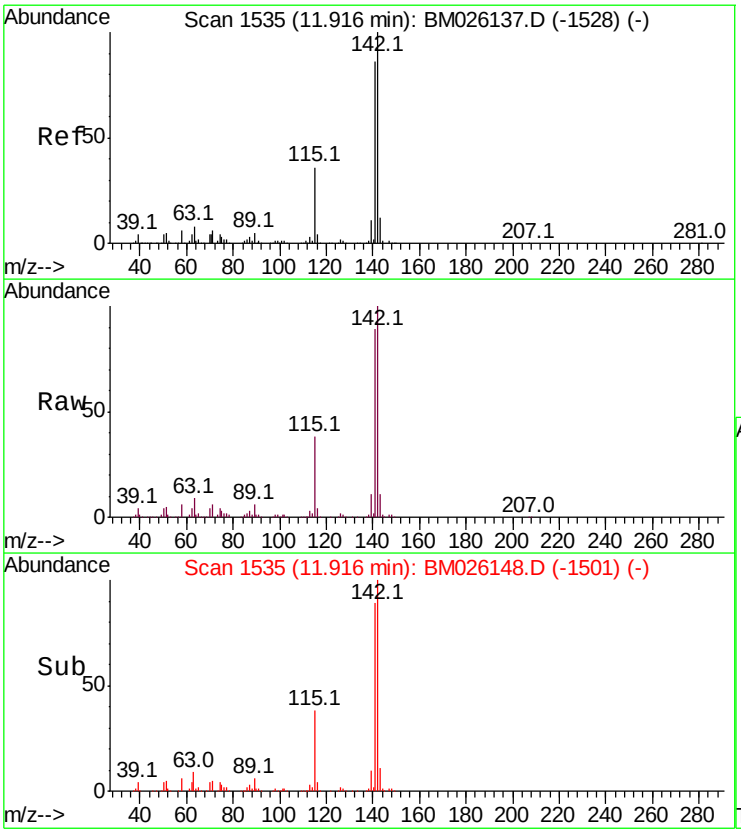
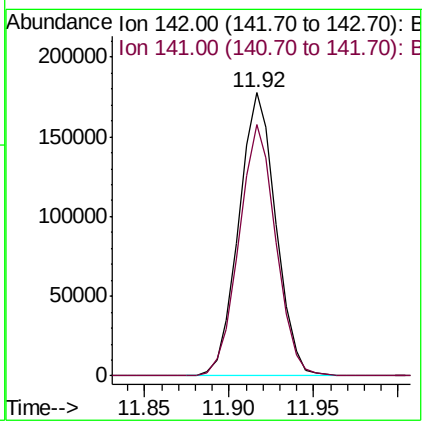
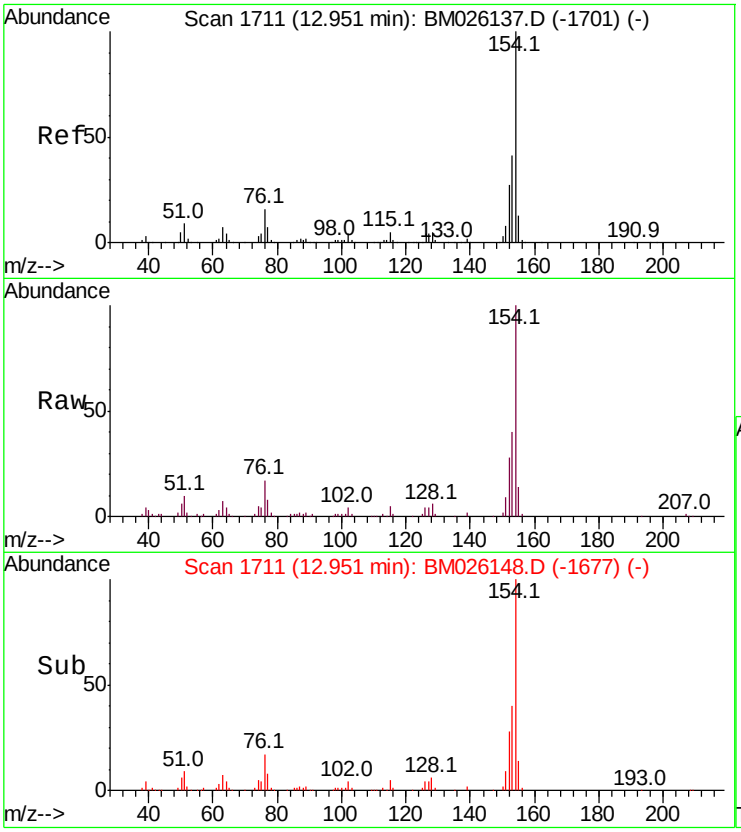


#34
2-Methylnaphthalene
Concen: 11.567 ng/ul
RT: 11.92 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:142 Resp: 271847

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.8	107.6

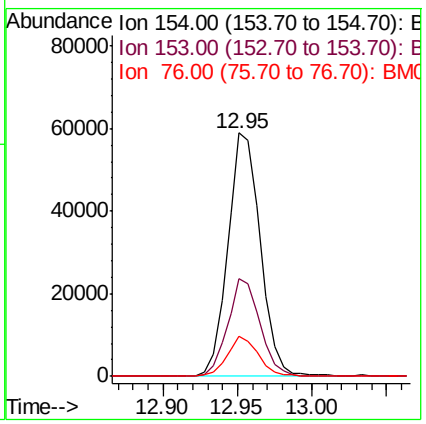




#41
1,1'-Biphenyl
Concen: 3.029 ng/ul
RT: 12.95 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:154 Resp: 89657

Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.3	48.5
76	16.6	13.0	19.6



Instrument :
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ClientSampleId :
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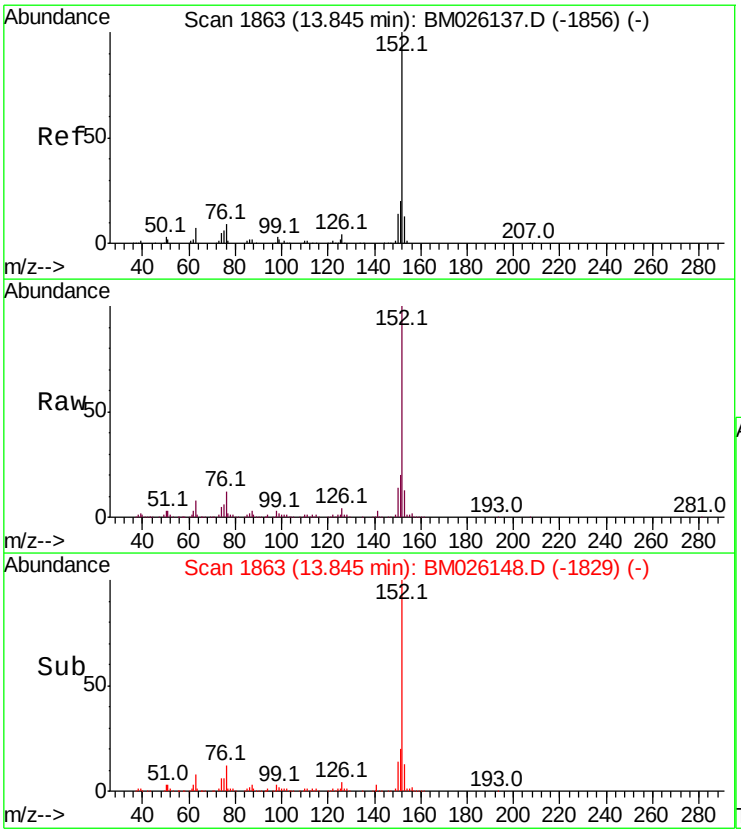
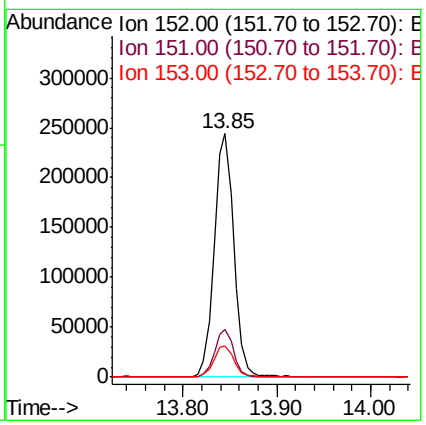
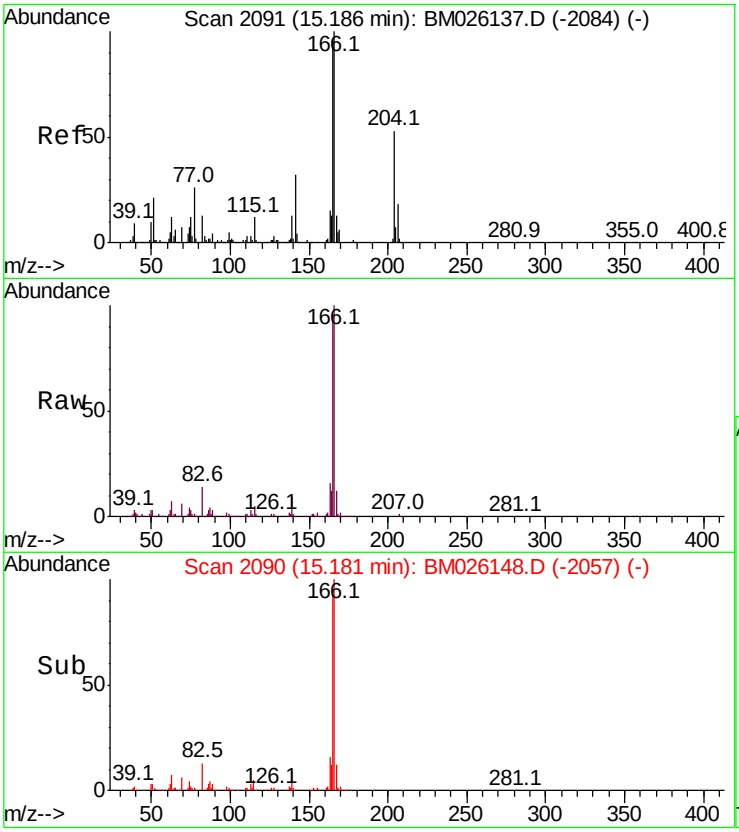


#48
Acenaphthylene
Concen: 10.276 ng/ul
RT: 13.85 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:152 Resp: 357569

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.7	10.2	15.2

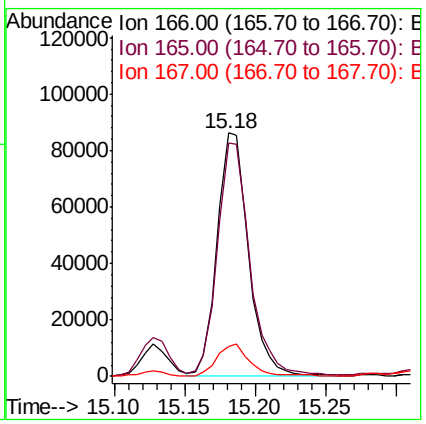




#59
Fluorene
Concen: 4.745 ng/ul
RT: 15.18 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:166 Resp: 132383

Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.3	115.9
167	12.2	10.6	16.0



Instrument :
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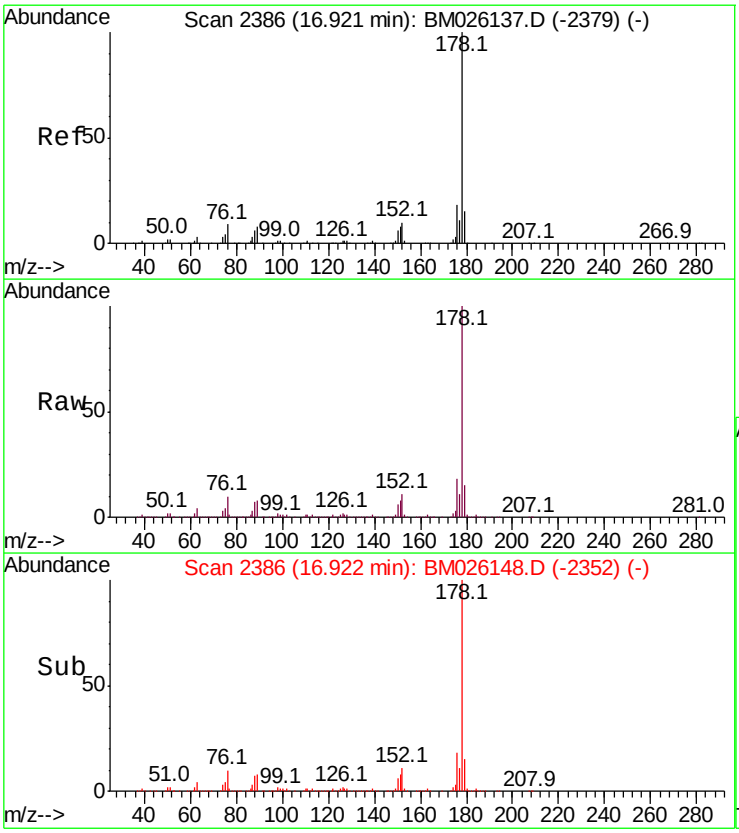
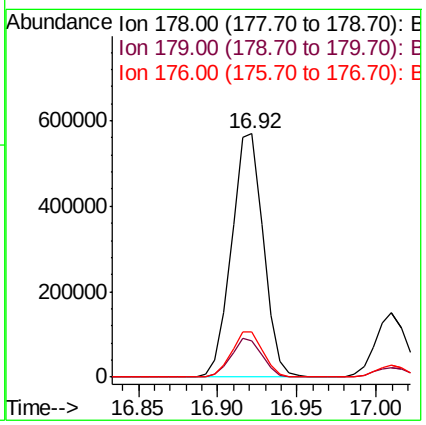
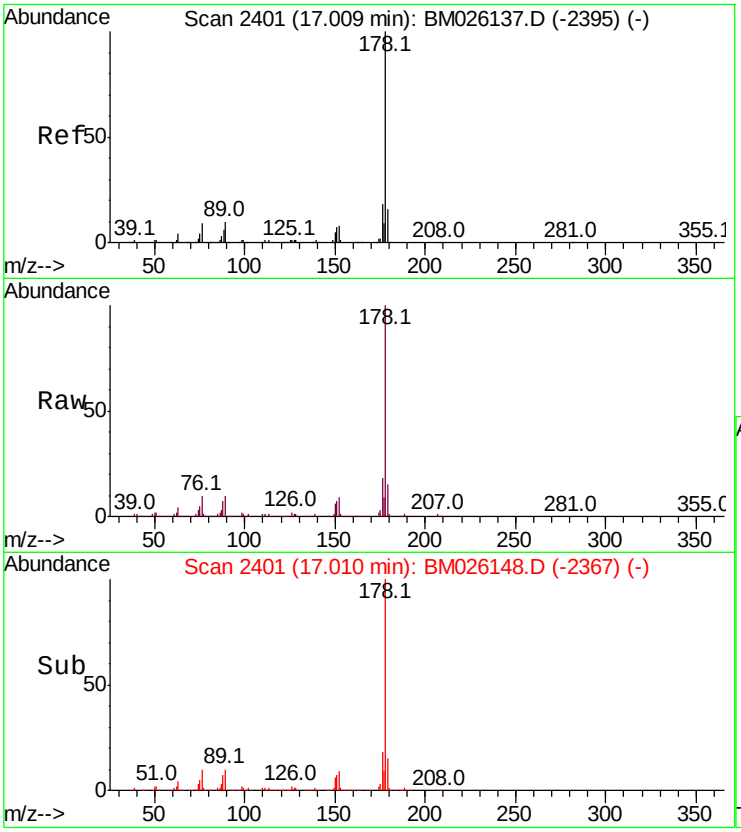


#70
Phenanthrene
Concen: 17.542 ng/ul
RT: 16.92 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:178 Resp: 789869

Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.9	17.9
176	18.4	14.9	22.3

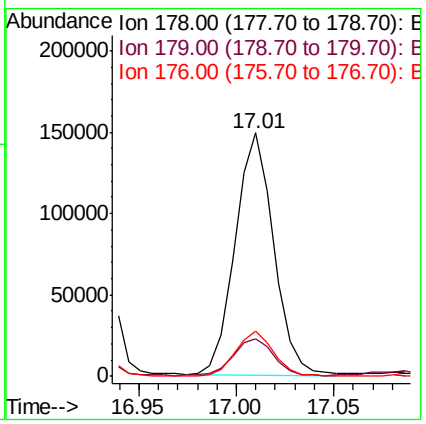




#72
Anthracene
Concen: 4.534 ng/ul
RT: 17.01 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:178 Resp: 204833

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.4	14.9	22.3



Instrument :
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ClientSampleId :
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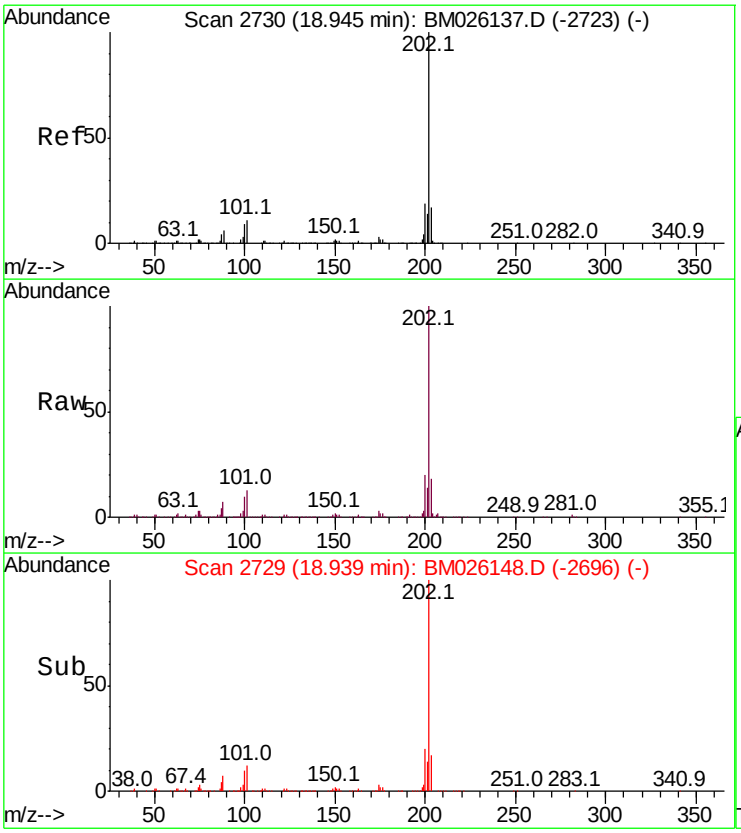
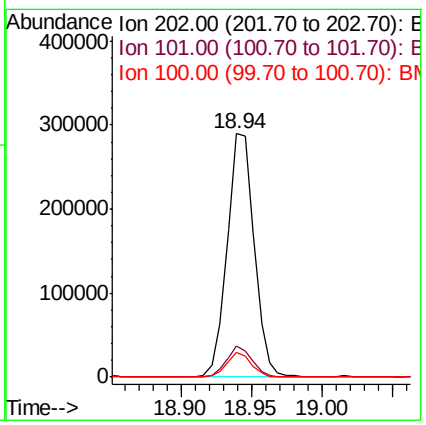
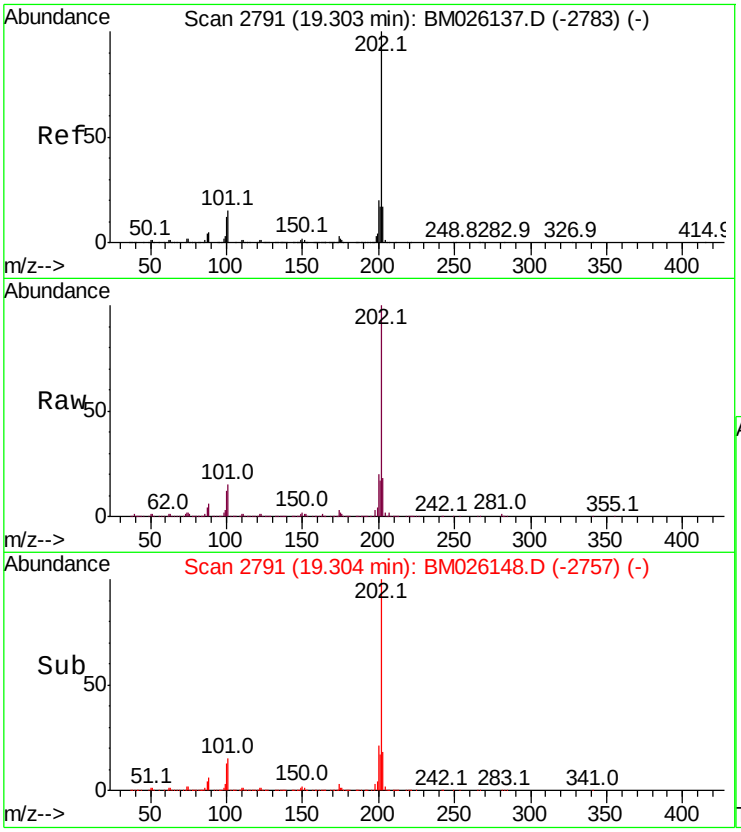


#77
Fluoranthene
Concen: 8.170 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:202 Resp: 385864

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.5	14.3
100	10.1	7.6	11.4

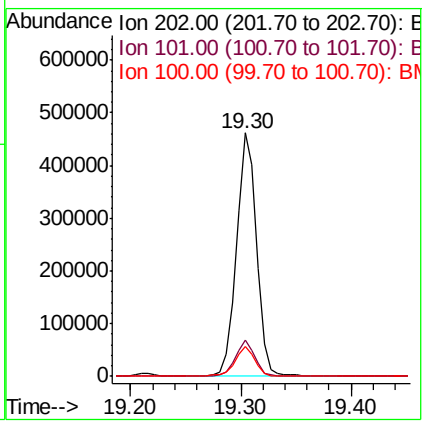




#80
Pyrene
Concen: 10.433 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:202 Resp: 587596

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.4
100	12.3	10.2	15.4



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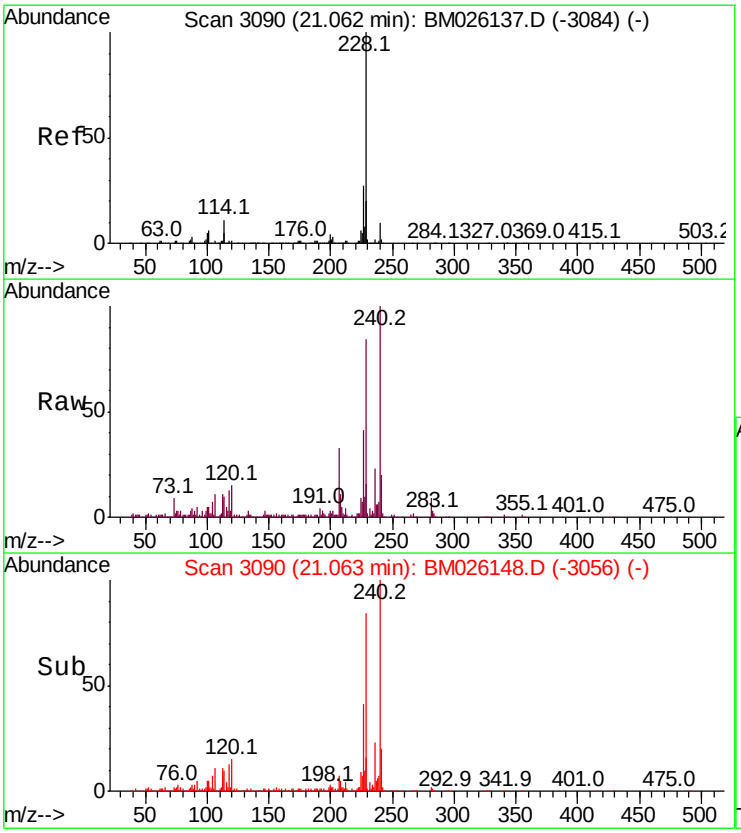
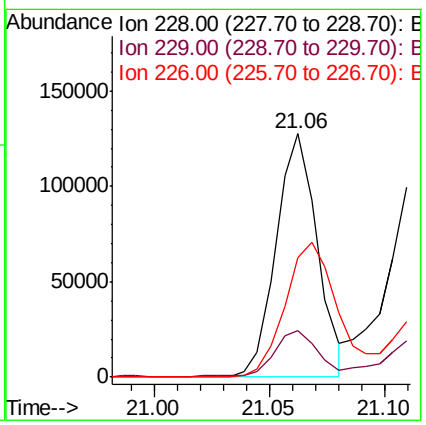
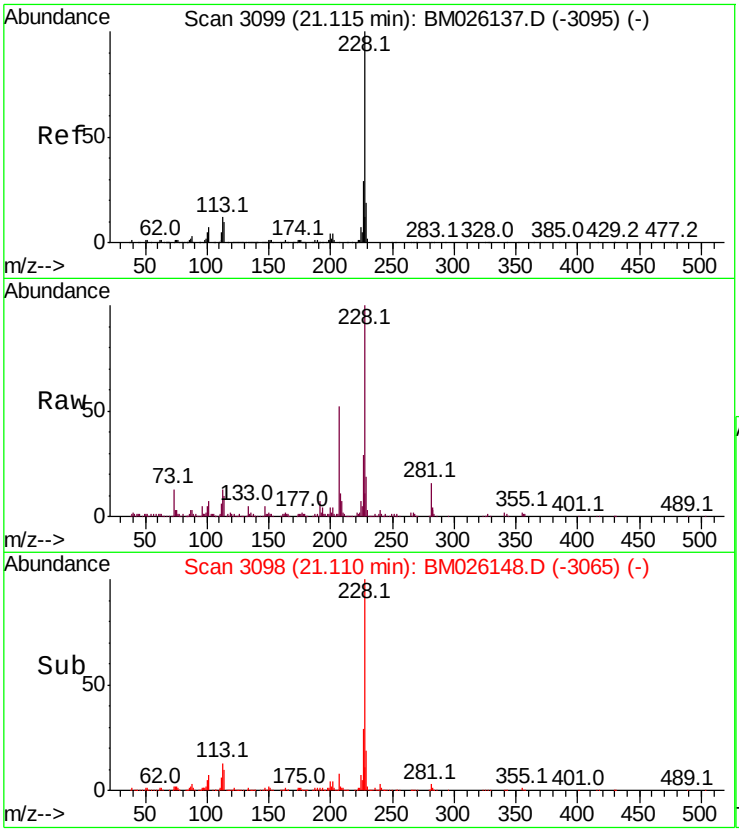


#83
Benzo(a)anthracene
Concen: 2.881 ng/ul m
RT: 21.06 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:228 Resp: 159301

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.5	23.3
226	48.9	21.2	31.8#

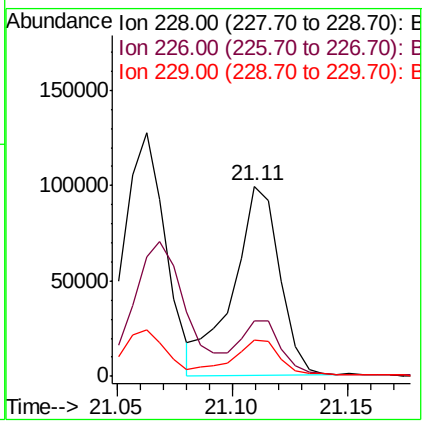




#85
Chrysene
Concen: 2.553 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:228 Resp: 140328

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	19.2	15.5	23.3



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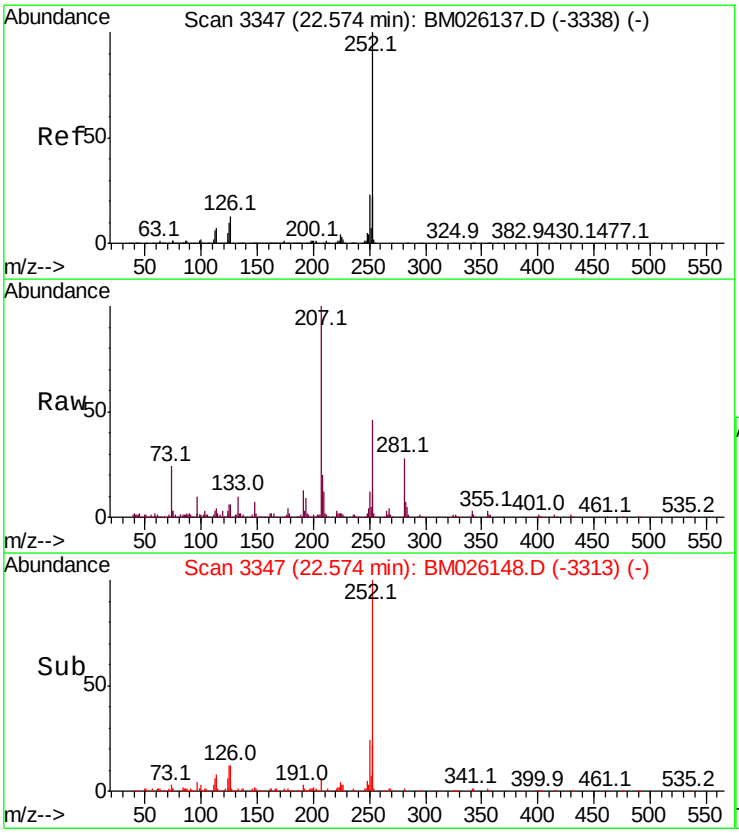
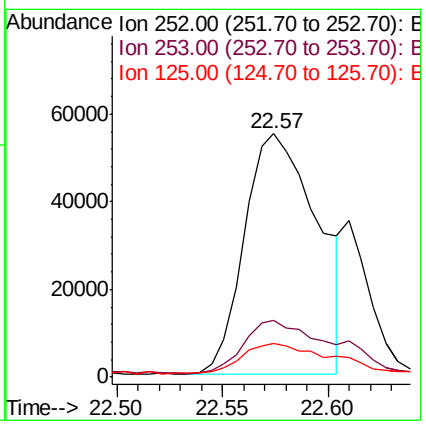
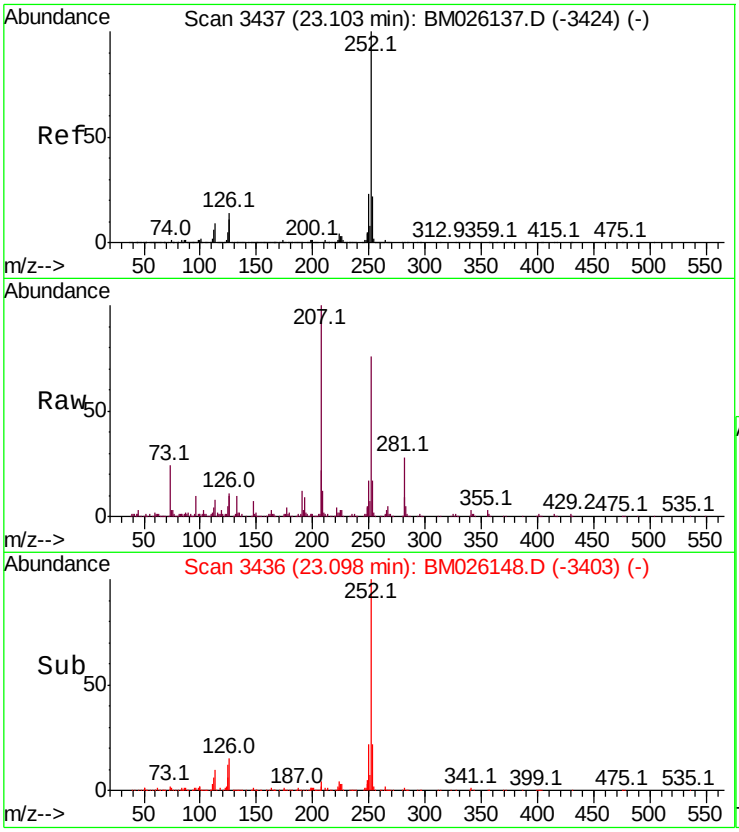


#88
Benzo(b)fluoranthene
Concen: 2.336 ng/ul
RT: 22.57 min Scan# 3347
Delta R.T. 0.00 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:252 Resp: 132335

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	13.6	8.9	13.3#

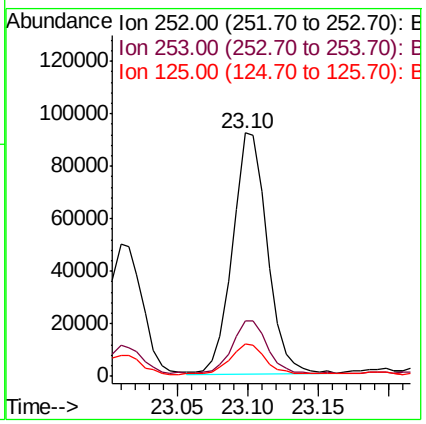




#91
Benzo(a)pyrene
Concen: 3.168 ng/ul
RT: 23.10 min Scan# 3436
Delta R.T. -0.01 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:252 Resp: 157923

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	13.2	9.8	14.6



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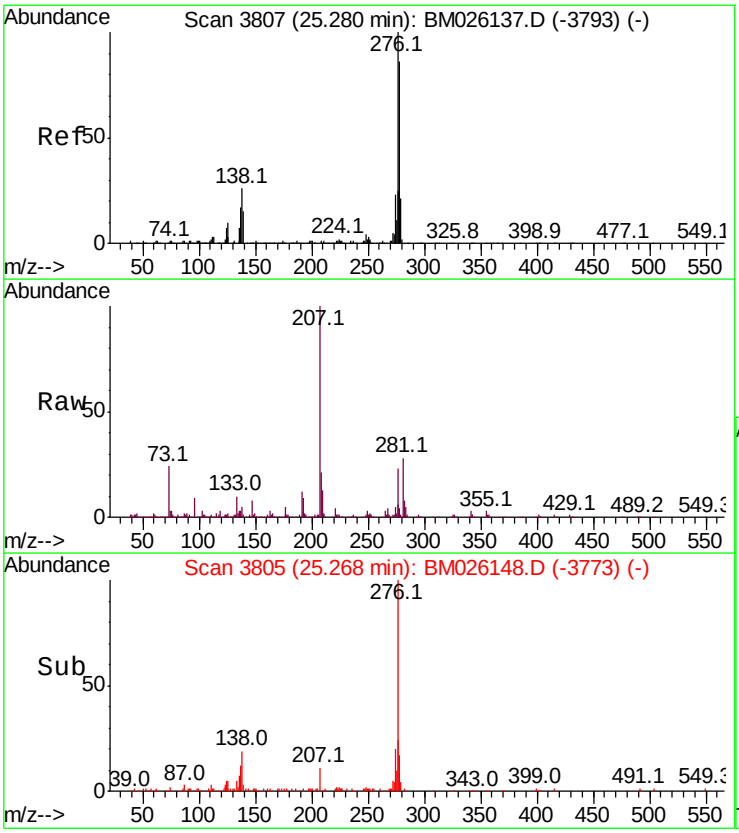
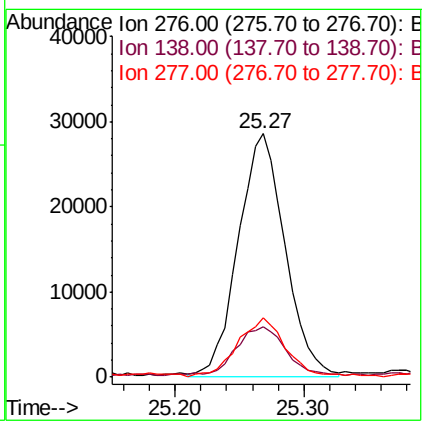
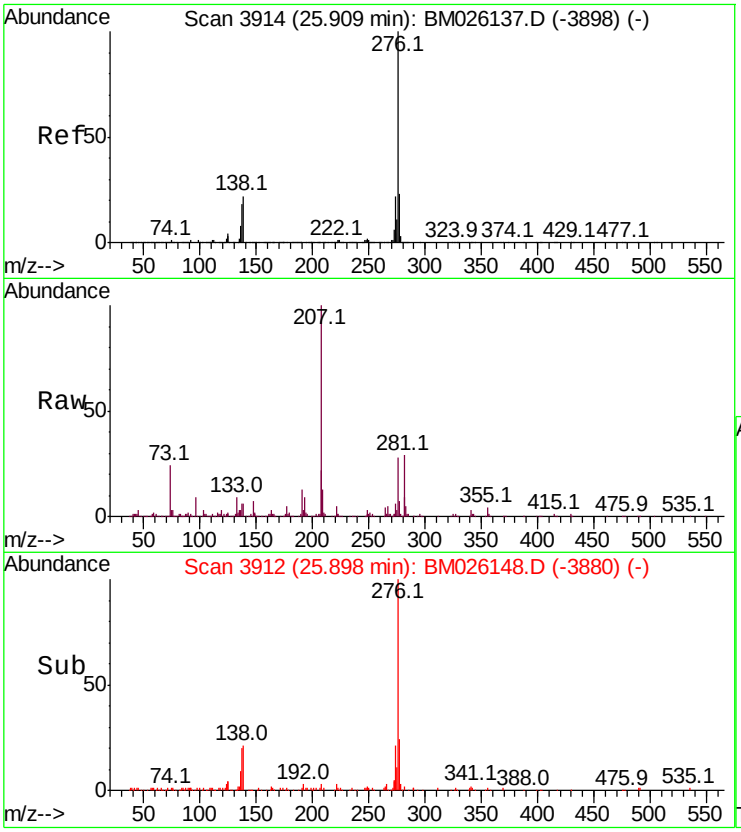


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.125 ng/ul m
RT: 25.27 min Scan# 3805
Delta R.T. -0.01 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:276 Resp: 72765

Ion	Ratio	Lower	Upper
276	100		
138	20.5	21.6	32.4#
277	24.1	20.3	30.5

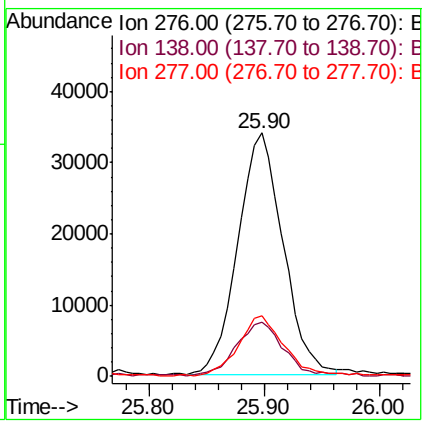




#94
Benzo(g,h,i)perylene
Concen: 1.703 ng/ul
RT: 25.90 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM026148.D
Acq: 27 May 2020 16:45

Tgt Ion:276 Resp: 91942

Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.7	28.1
277	24.7	18.8	28.2



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