Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023241.D
Acq On : 18 Oct 2019 04:41
Operator : JU
Sample : K5262-18DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB79DL

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Quant Time: Oct 18 07:55:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	441740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1739390	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	1105542	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2349728	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2521298	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	3011008	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	3566	0.36	ng/uL	0.00
5) Phenol-d5	6.83	99	50999	1.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	29574	1.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	43241	1.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	40153	1.30	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	20441	1.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	19901	1.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	42948	1.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	31885	0.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	144227	1.70	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	163671	1.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	12418	0.91	ng/ul	0.00
58) Fluorene-d10	15.30	176	130367	1.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	7626	0.82	ng/ul	0.00
71) Anthracene-d10	17.15	188	212336	1.87	ng/ul	0.00
79) Pyrene-d10	19.44	212	241833	1.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	285602	1.87	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	14.02	152	139415	1.372	ng/ul	98
50) Acenaphthene	14.37	153	105716	1.494	ng/ul	98
54) Dibenzofuran	14.70	168	131757	1.312	ng/ul	98
59) Fluorene	15.36	166	140293	1.703	ng/ul	99
70) Phenanthrene	17.09	178	2697046	20.453	ng/ul	100
72) Anthracene	17.18	178	578420	4.245	ng/ul	100
75) Carbazole	17.45	167	266230	2.187	ng/ul	98
77) Fluoranthene	19.12	202	4581837	29.215	ng/ul	98
80) Pyrene	19.47	202	3903644	24.715	ng/ul	100
83) Benzo(a)anthracene	21.23	228	2136121	12.504	ng/ul	98
85) Chrysene	21.27	228	2052768	12.941	ng/ul	97
88) Benzo(b)fluoranthene	22.79	252	3186935	17.457	ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	1012958m	5.779	ng/ul	
91) Benzo(a)pyrene	23.36	252	2252774	12.862	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.67	276	1763152	8.462	ng/ul	97
93) Dibenzo(a,h)anthracene	25.67	278	447232	2.567	ng/ul#	91
94) Benzo(g,h,i)perylene	26.34	276	1224340	7.137	ng/ul	99

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

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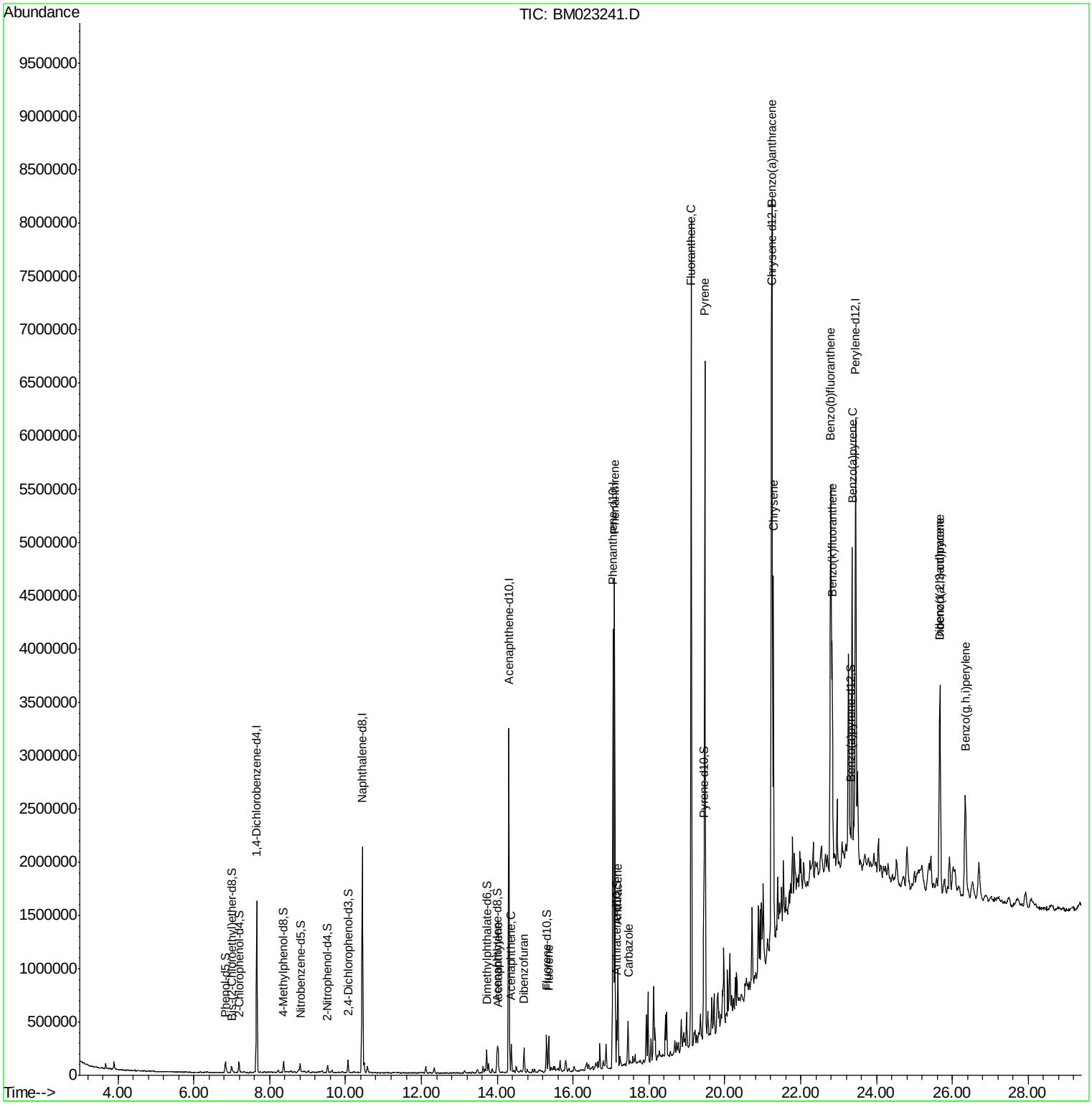
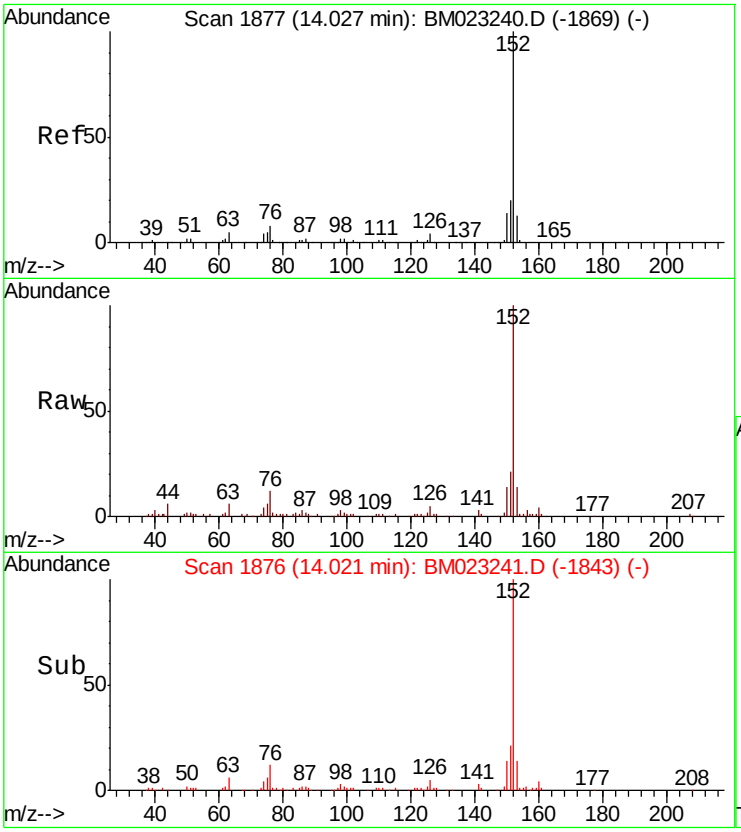
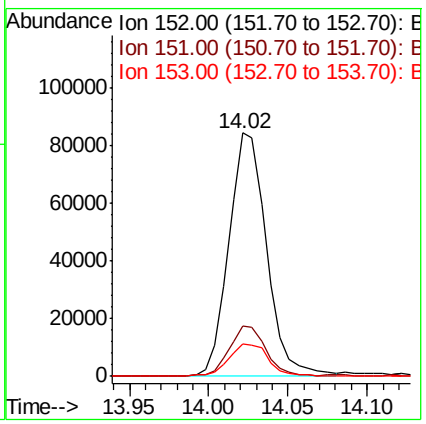




#48
Acenaphthylene
Concen: 1.372 ng/ul
RT: 14.02 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:152 Resp: 139415

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.6
153	13.5	10.3	15.5



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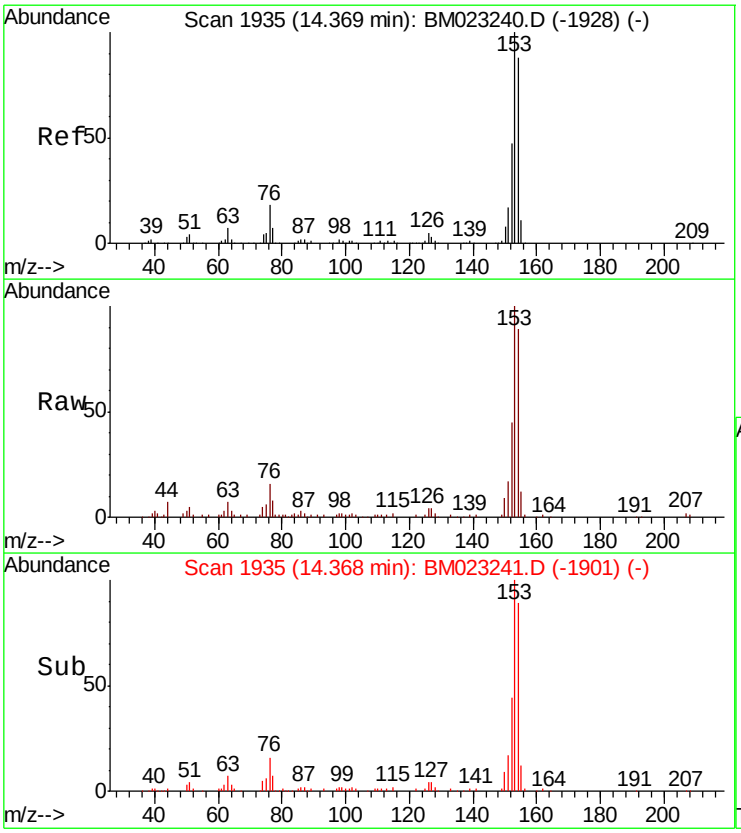
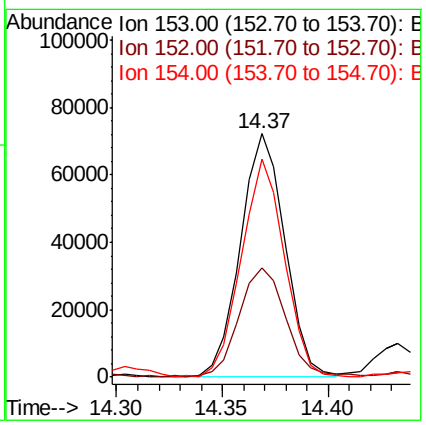
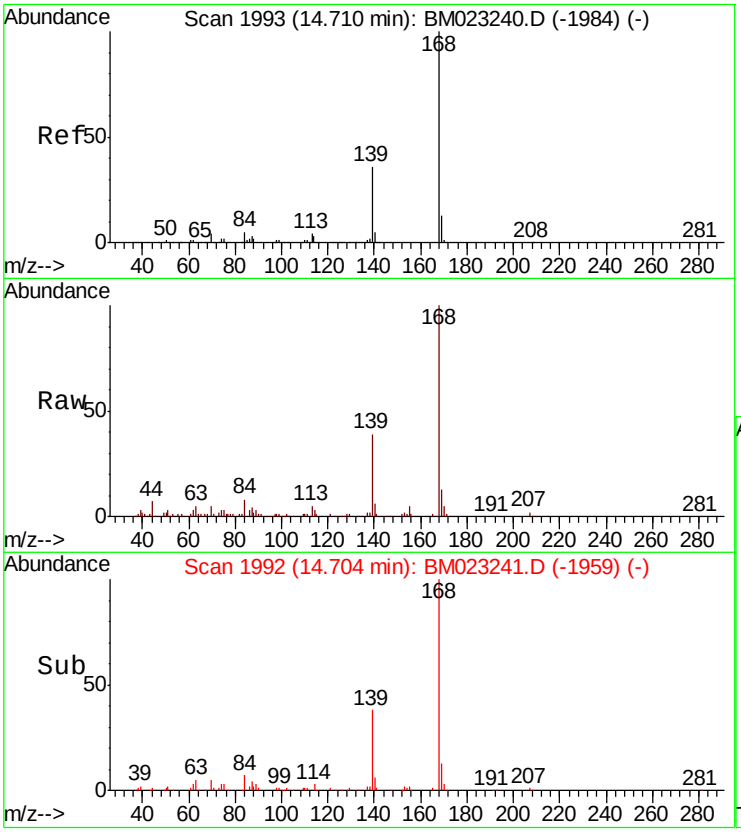


#50
Acenaphthene
Concen: 1.494 ng/ul
RT: 14.37 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:153 Resp: 105716

Ion	Ratio	Lower	Upper
153	100		
152	45.0	38.0	57.0
154	89.4	70.4	105.6





#54
Dibenzofuran
Concen: 1.312 ng/ul
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:168 Resp: 131757

Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.1	45.1

Instrument :
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ClientSampleId :
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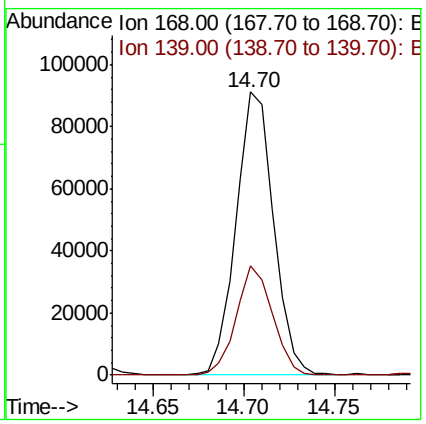
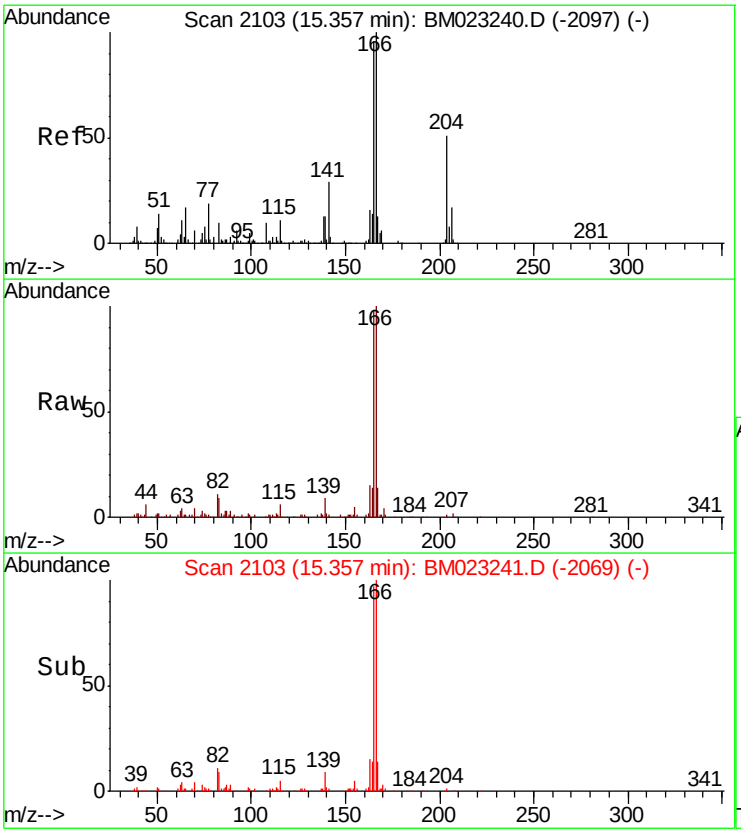
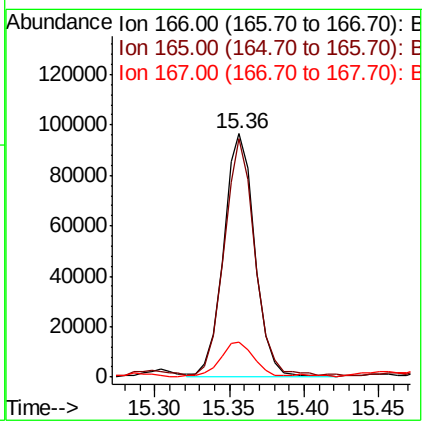


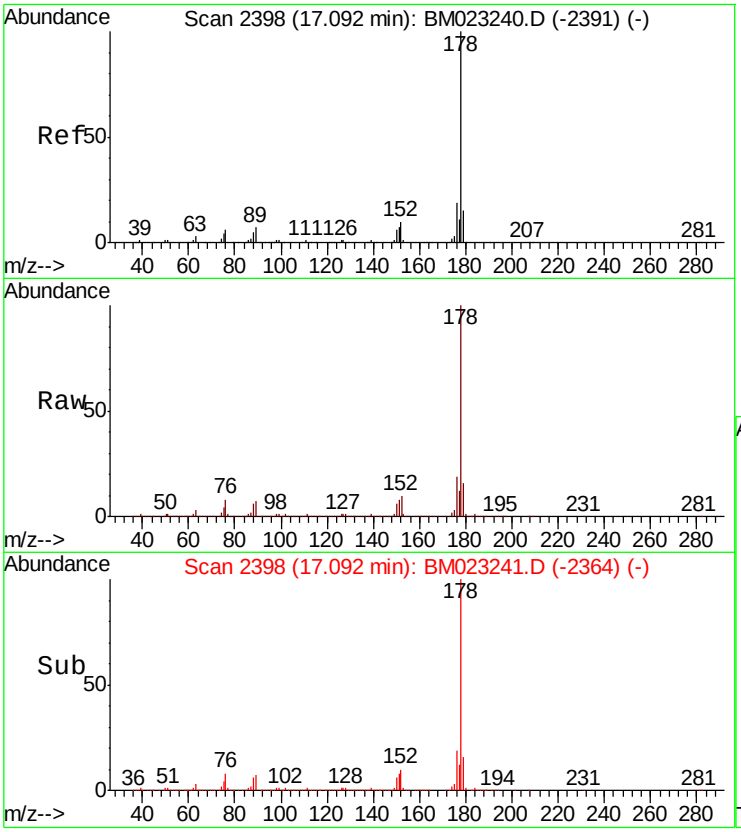


#59
Fluorene
Concen: 1.703 ng/ul
RT: 15.36 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:166 Resp: 140293

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.4	116.0
167	14.5	10.8	16.2

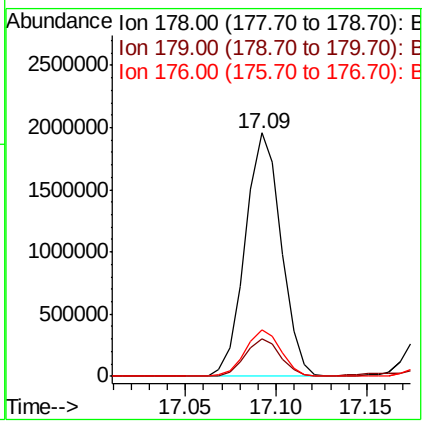




#70
Phenanthrene
Concen: 20.453 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:178 Resp: 2697046

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.2	15.5	23.3



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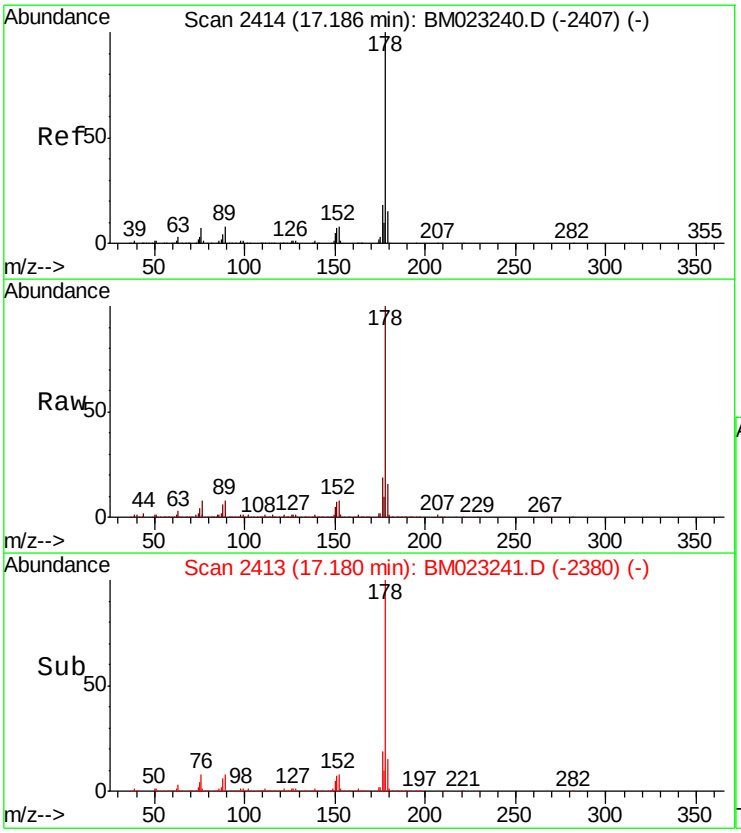
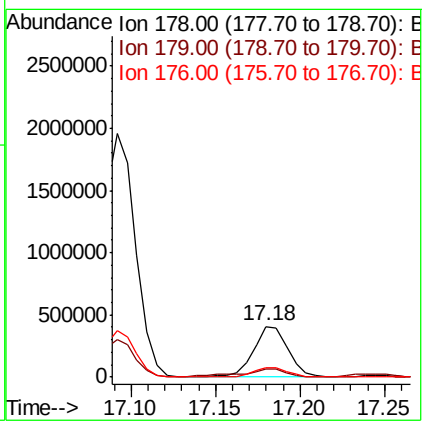
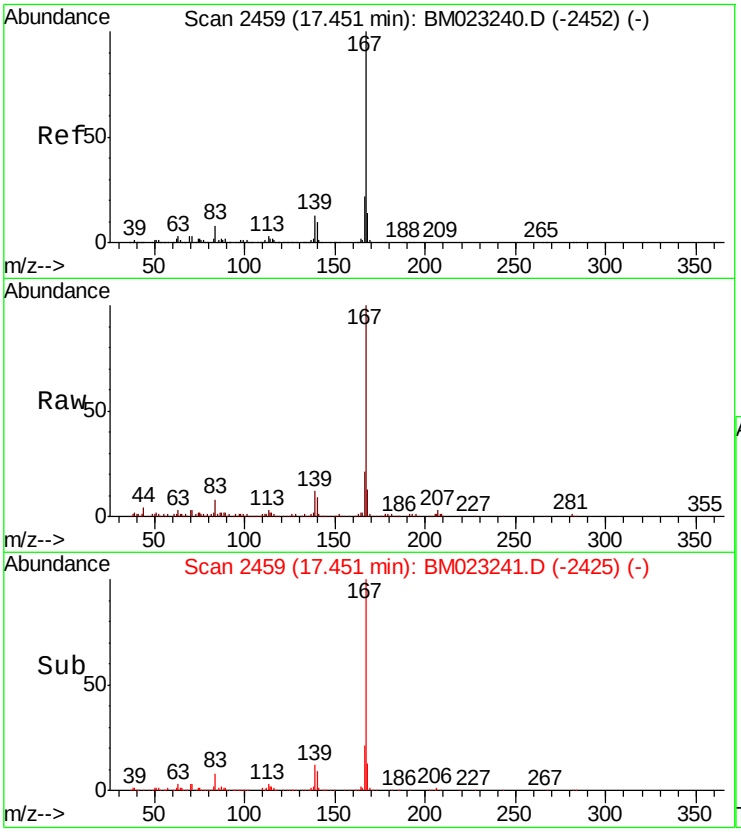


#72
Anthracene
Concen: 4.245 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:178 Resp: 578420

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.7	15.0	22.4

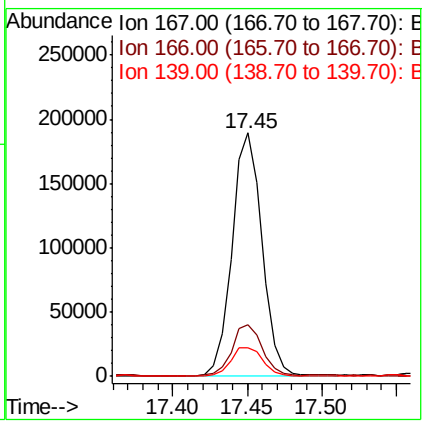




#75
Carbazole
Concen: 2.187 ng/ul
RT: 17.45 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:167 Resp: 266230

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	11.9	10.2	15.2



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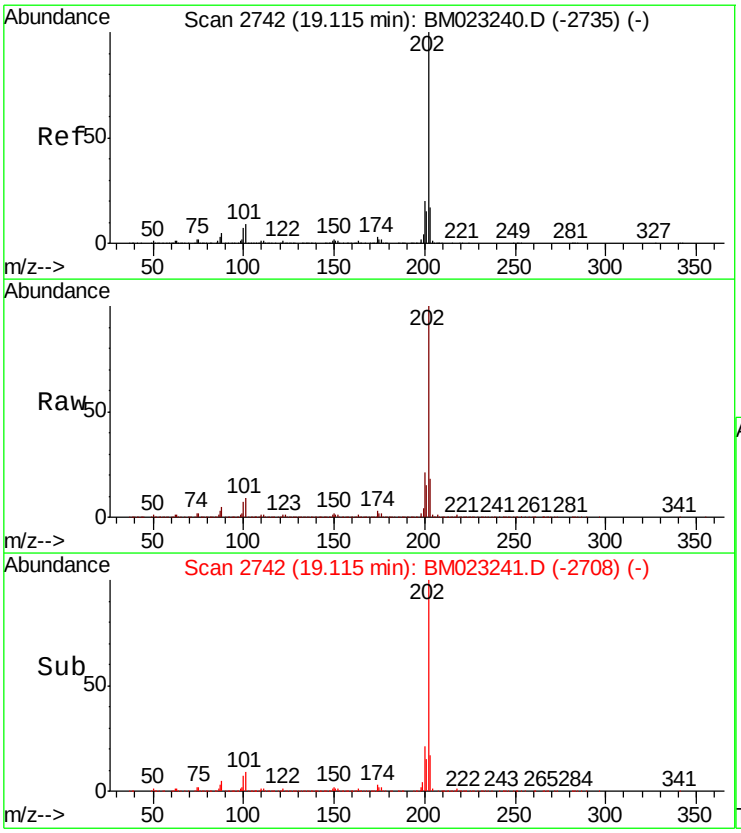
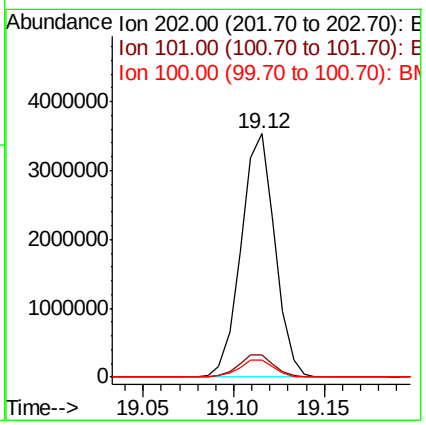
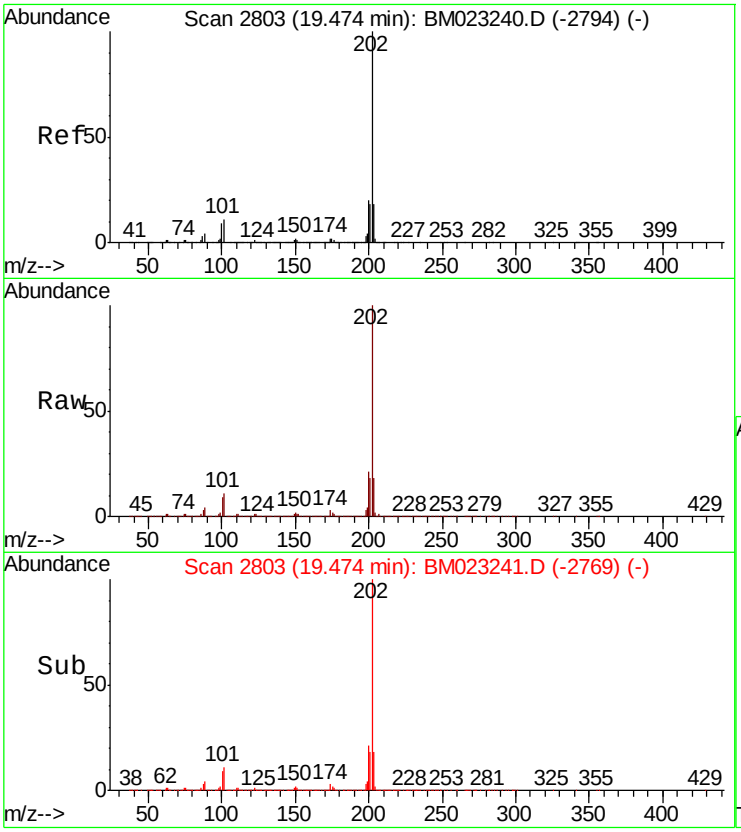


#77
Fluoranthene
Concen: 29.215 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:202 Resp: 4581837

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.8	11.8
100	6.8	6.1	9.1

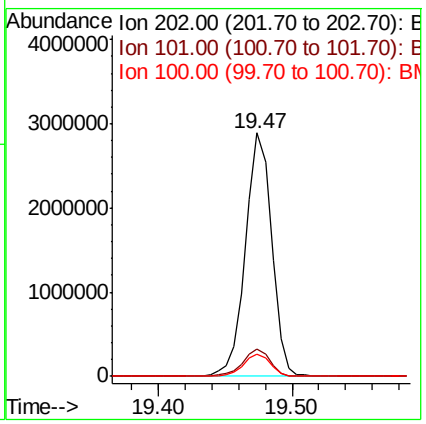




#80
Pyrene
Concen: 24.715 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:202 Resp: 3903644

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.1	13.7
100	9.3	7.5	11.3



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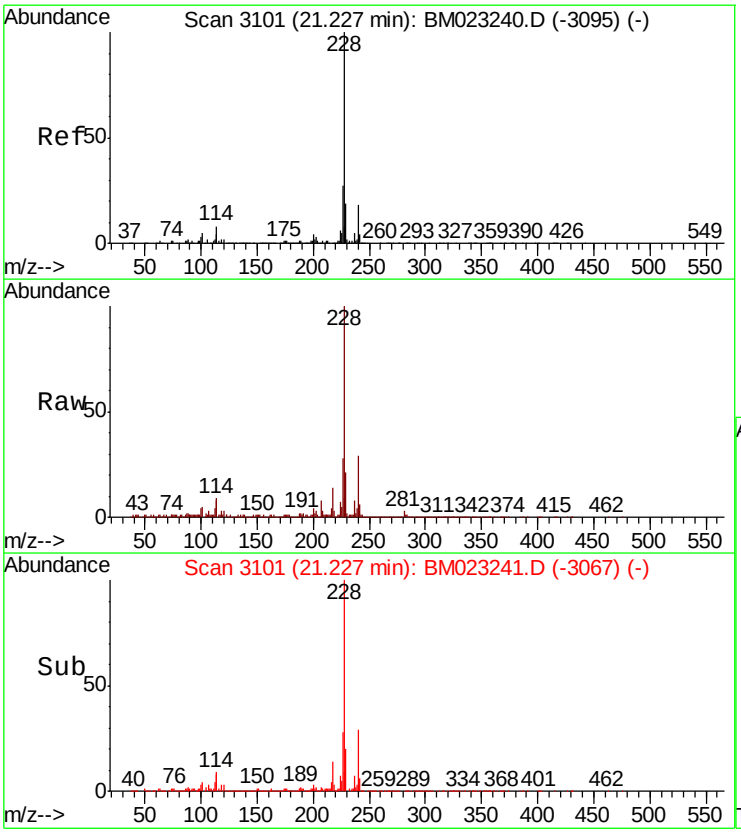
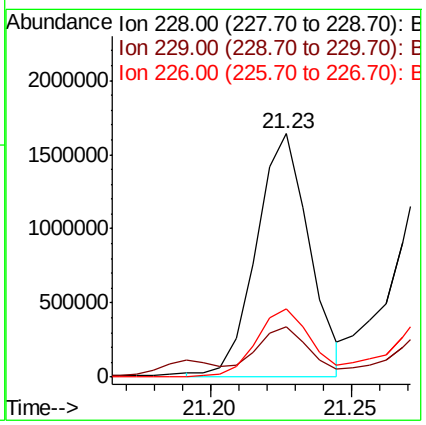
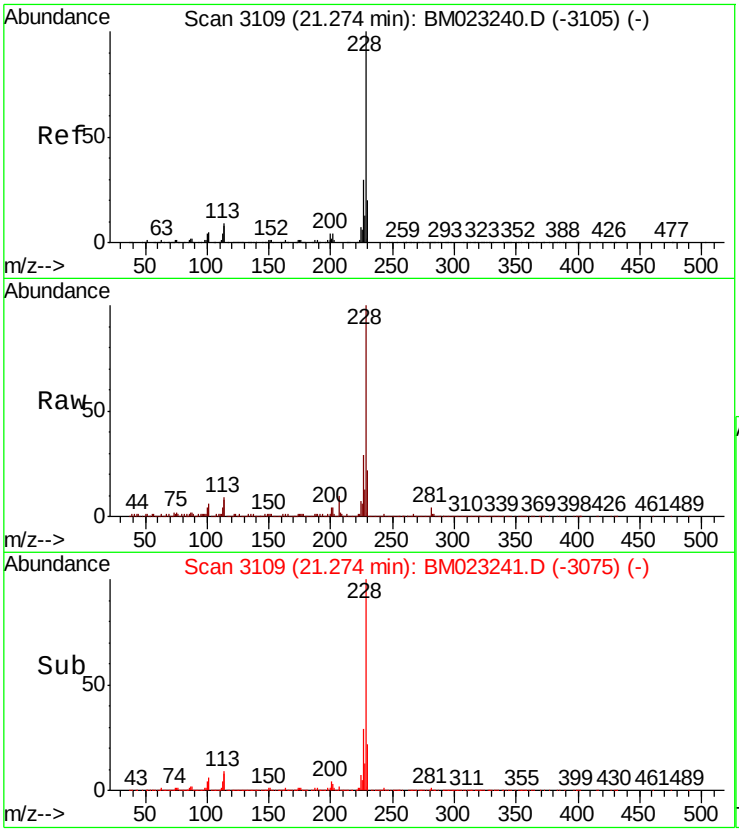


#83
Benzo(a)anthracene
Concen: 12.504 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:228 Resp: 2136121

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	28.2	21.6	32.4

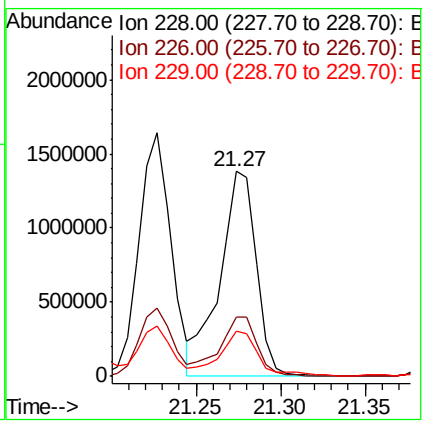




#85
Chrysene
Concen: 12.941 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:228 Resp: 2052768

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.8	35.6
229	22.3	15.5	23.3



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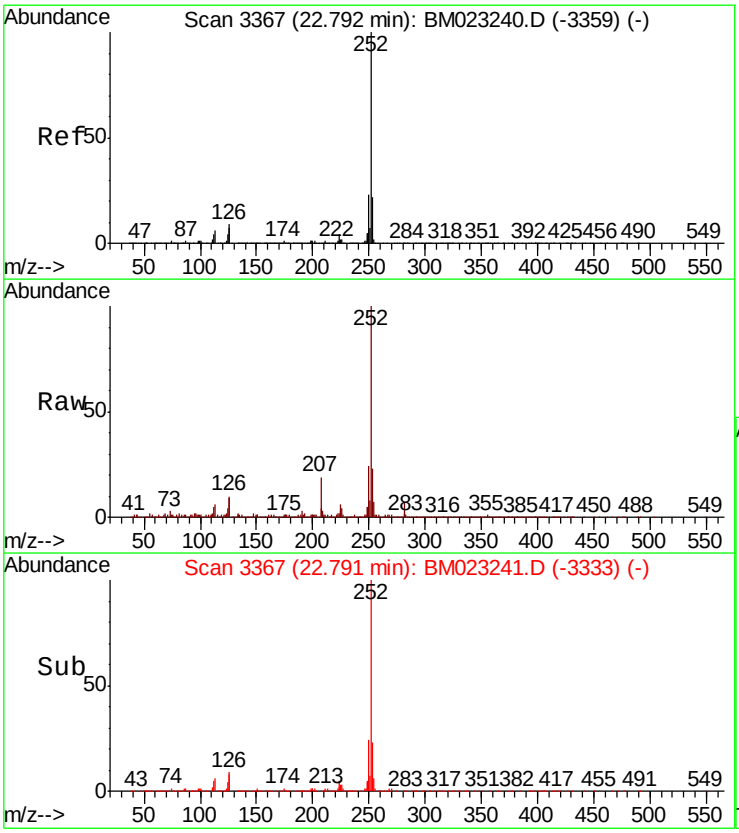
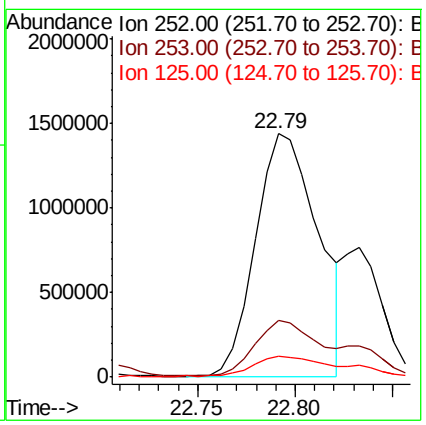
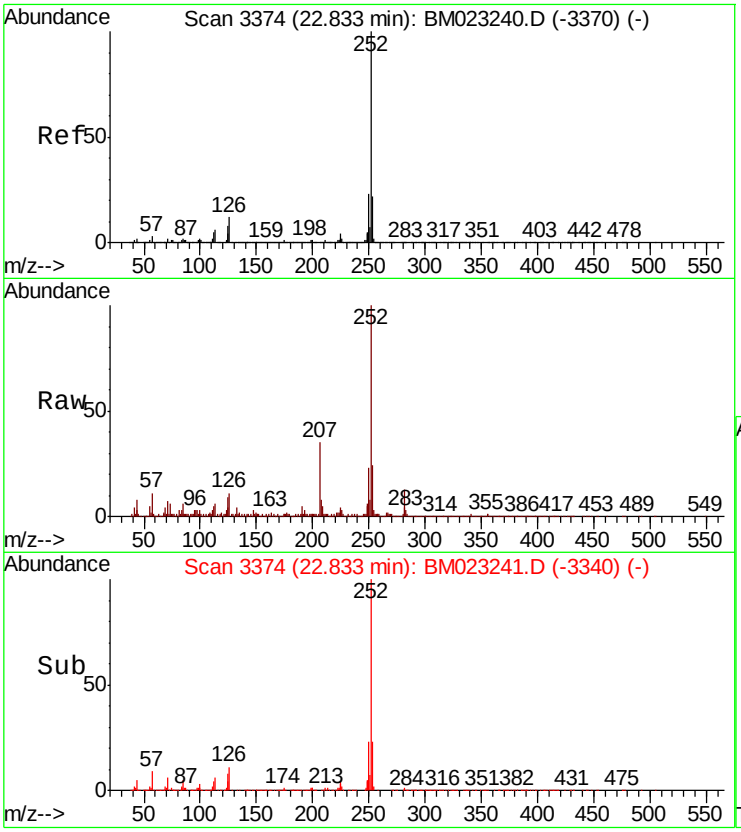


#88
Benzo(b)fluoranthene
Concen: 17.457 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. -0.00 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:252 Resp: 3186935

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	8.7	6.4	9.6

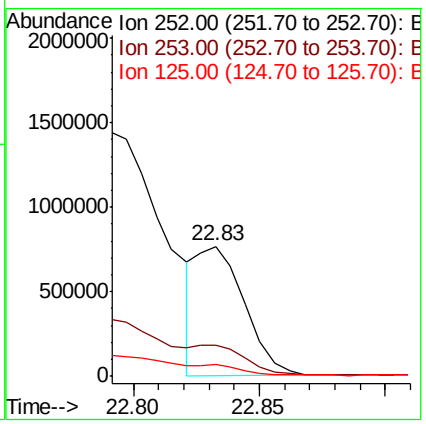




#89
Benzo(k)fluoranthene
Concen: 5.779 ng/ul m
RT: 22.83 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:252 Resp: 1012958

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	9.2	6.5	9.7



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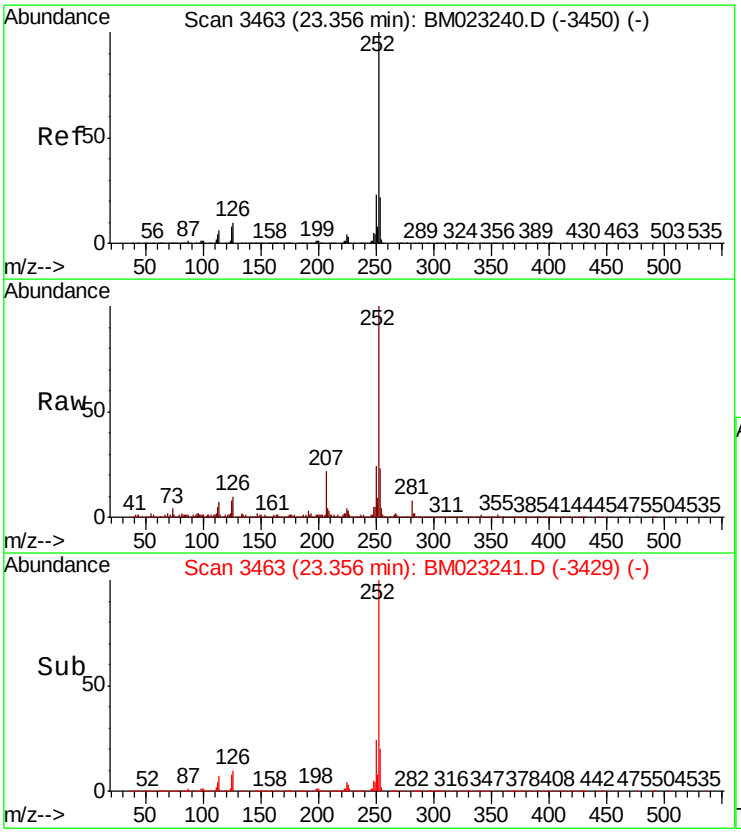
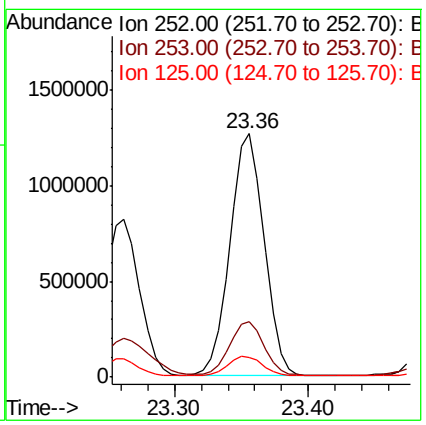
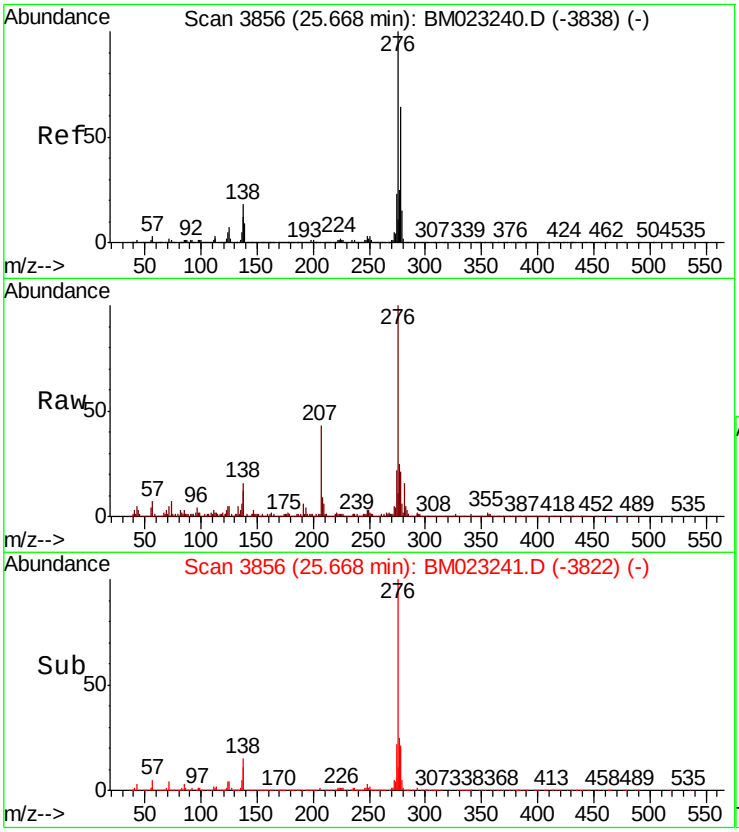


#91
Benzo(a)pyrene
Concen: 12.862 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. -0.00 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:252 Resp: 2252774

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	8.2	7.4	11.0

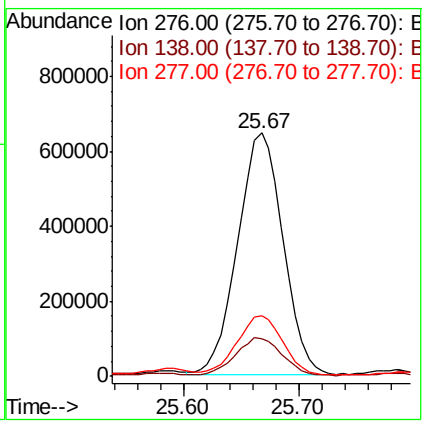




#92
Indeno(1,2,3-cd)pyrene
Concen: 8.462 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. -0.00 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:276 Resp: 1763152

Ion	Ratio	Lower	Upper
276	100		
138	15.6	14.9	22.3
277	25.0	19.8	29.8



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ClientSampleId :
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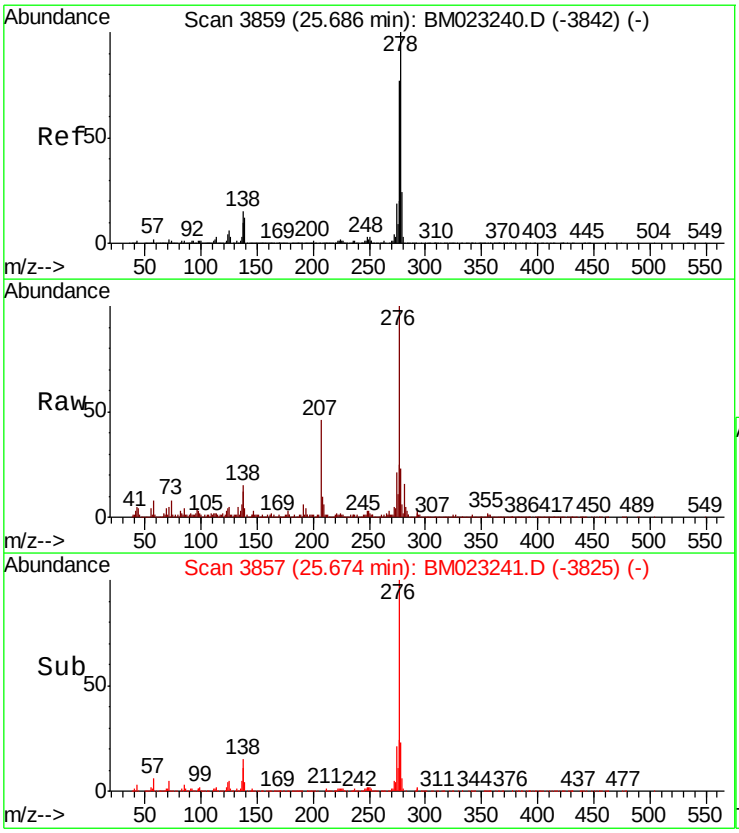
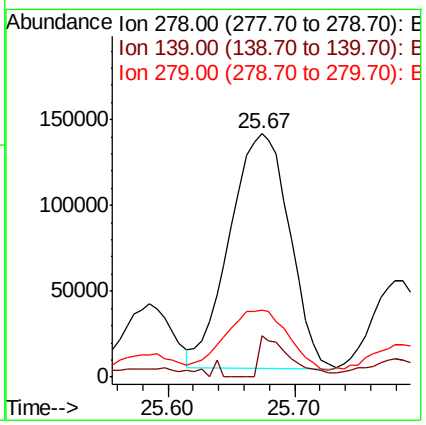
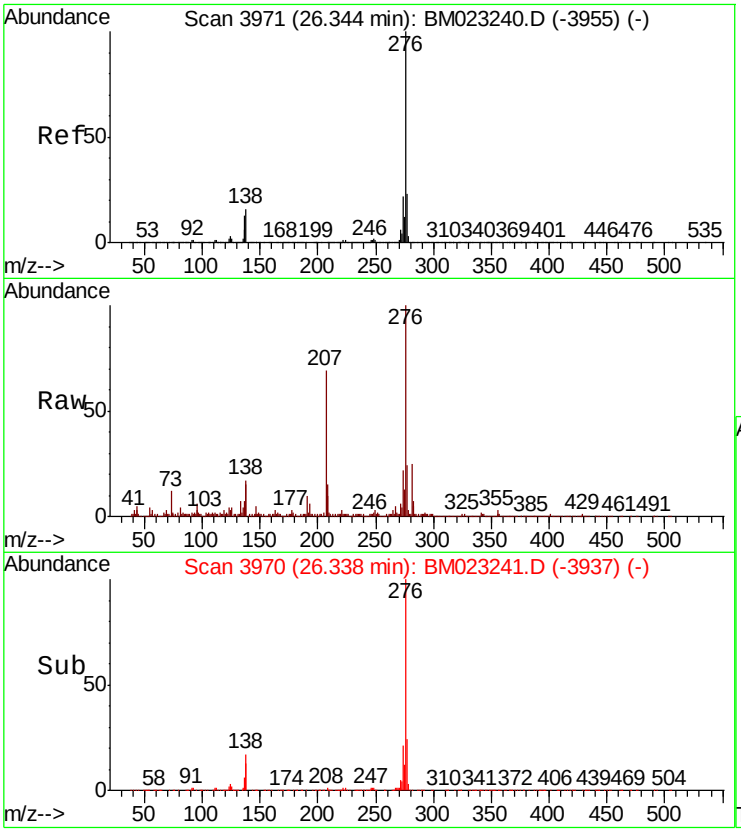


#93
Dibenzo(a,h)anthracene
Concen: 2.567 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. -0.01 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:278 Resp: 447232

Ion	Ratio	Lower	Upper
278	100		
139	17.0	10.0	15.0#
279	27.7	19.4	29.0

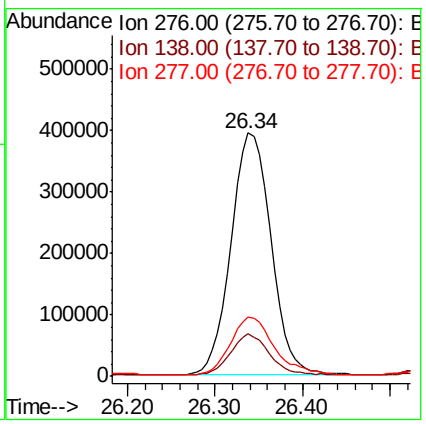




#94
Benzo(g,h,i)perylene
Concen: 7.137 ng/ul
RT: 26.34 min Scan# 3970
Delta R.T. -0.01 min
Lab File: BM023241.D
Acq: 18 Oct 2019 04:41

Tgt Ion:276 Resp: 1224340

Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.4	21.6
277	24.3	19.4	29.2



Instrument :
BNA_M
ClientSampleId :
BFB79DL

Manual Integrations APPROVED
mohammad
10/20/2019 8:06:44 PM