Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005594.D
Acq On : 22 May 2016 19:38
Operator : UM/SJ
Sample : H3087-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK3

Manual Integrations APPROVED
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Quant Time: May 23 06:57:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	41921	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	207966	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	132618	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	338045	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	494631	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	580166	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	3983	4.16	ng/uL	0.00
5) Phenol-d5	6.98	99	69264	20.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	41321	20.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	55255	19.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	54371	19.31	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	29372	18.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	32898	18.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	62075	18.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	74738	22.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	223034	20.60	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	265207	19.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	31013	15.15	ng/ul	0.00
57) Fluorene-d10	15.43	176	198733	21.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	19061	9.80	ng/ul	0.00
70) Anthracene-d10	17.28	188	325041	20.19	ng/ul	0.00
76) Pyrene-d10	19.57	212	426487	19.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	563365	20.80	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.63	105	5812	1.37	ng/ul	96
44) Dimethylphthalate	13.90	163	128896	12.05	ng/ul	99
47) Acenaphthylene	14.16	152	18198	1.32	ng/ul	99
58) Fluorene	15.49	166	18848	1.82	ng/ul	95
69) Phenanthrene	17.23	178	258939	13.71	ng/ul	99
71) Anthracene	17.32	178	58666	3.05	ng/ul	99
74) Fluoranthene	19.24	202	392045	18.44	ng/ul	99
77) Pyrene	19.60	202	441289	15.52	ng/ul	97
80) Benzo(a)anthracene	21.34	228	180363	6.20	ng/ul	96
82) Chrysene	21.40	228	216316	7.82	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	230848	6.75	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	59472m	1.84	ng/ul	
88) Benzo(a)pyrene	23.54	252	199192	6.00	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	129406	3.28	ng/ul	96
91) Benzo(g,h,i)perylene	26.64	276	126681	3.82	ng/ul	98

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

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Instrument :
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ClientSampleId :
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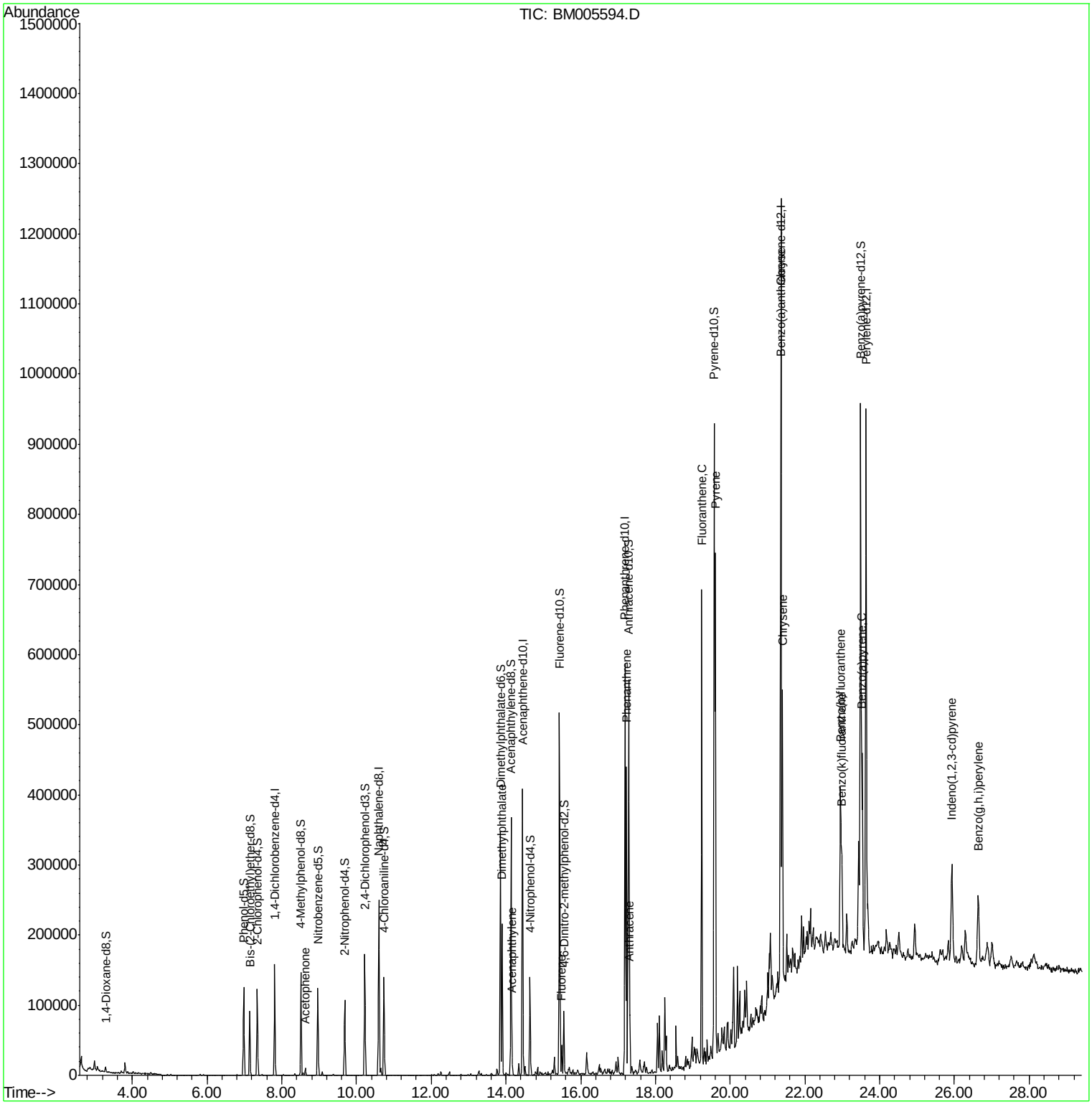
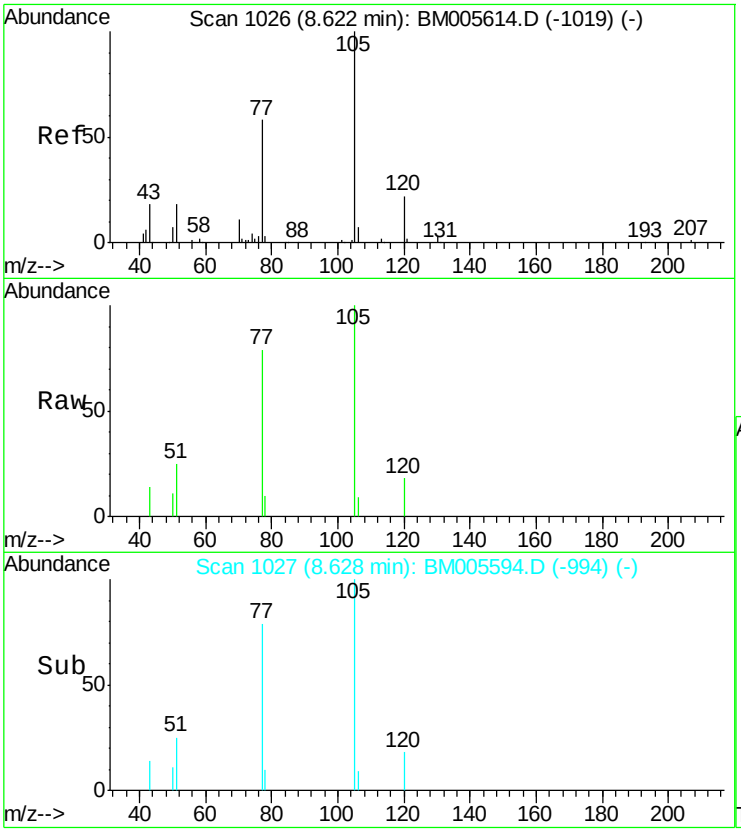
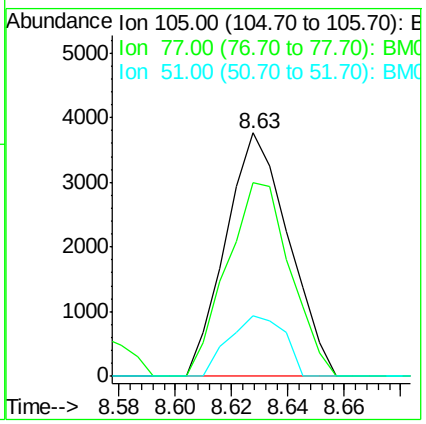




#14
Acetophenone
Concen: 1.37 ng/ul
RT: 8.63 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:105 Resp: 5812

Ion	Ratio	Lower	Upper
105	100		
77	79.4	60.8	91.2
51	25.1	22.2	33.2



Instrument :
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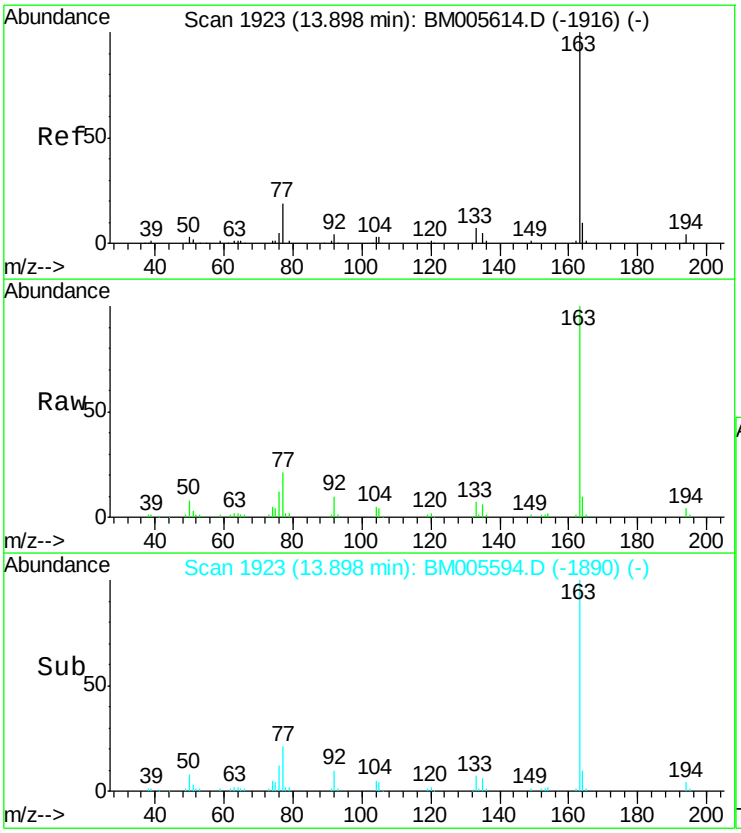
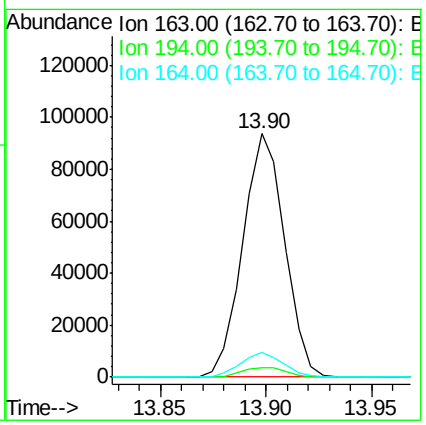
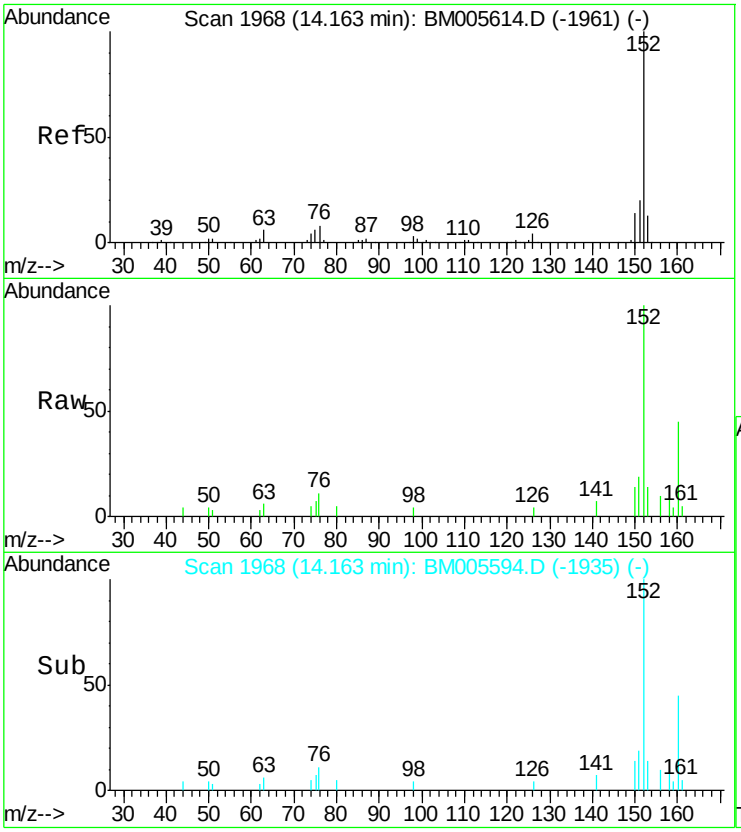


#44
Dimethylphthalate
Concen: 12.05 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:163 Resp: 128896

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.2	8.0	12.0

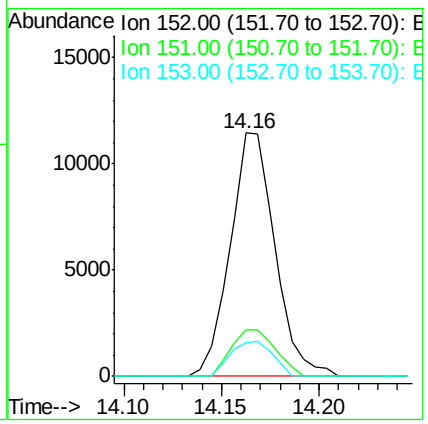




#47
Acenaphthylene
Concen: 1.32 ng/ul
RT: 14.16 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:152 Resp: 18198

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.7	10.5	15.7



Instrument :
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ClientSampleId :
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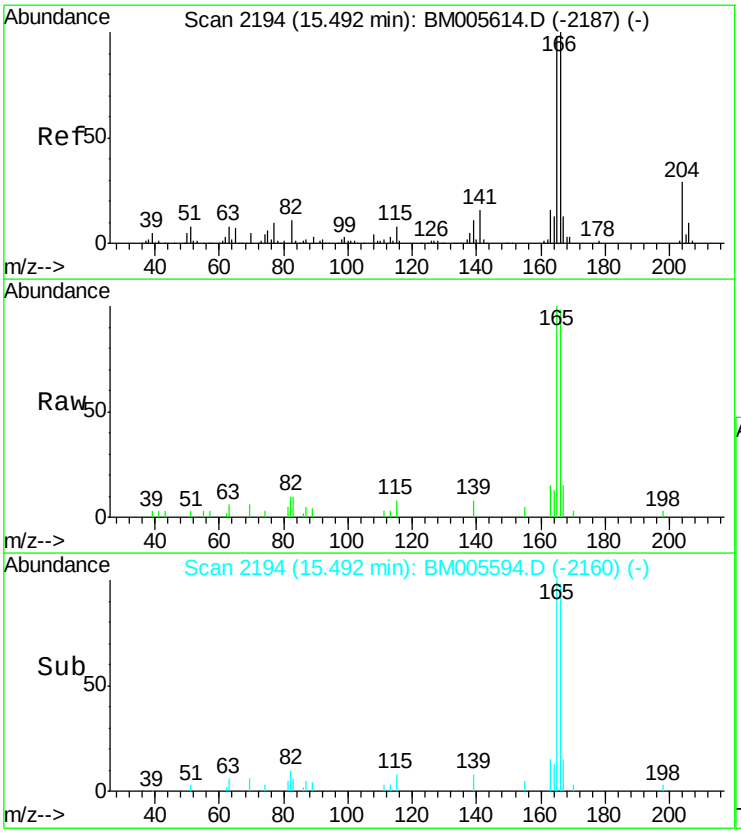
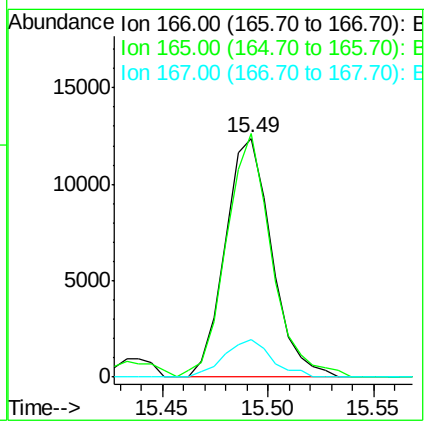
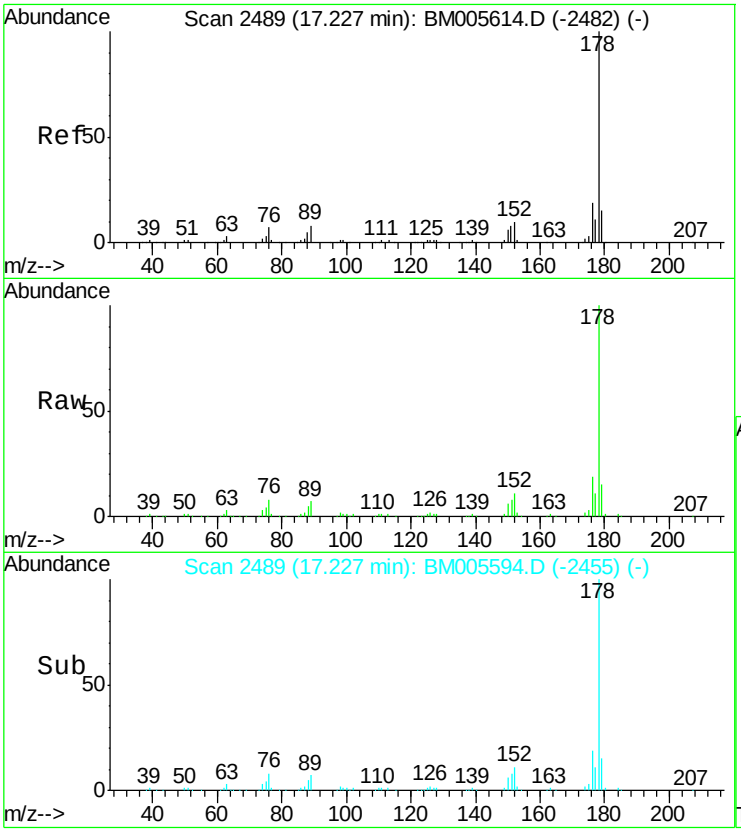


#58
Fluorene
Concen: 1.82 ng/ul
RT: 15.49 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:166 Resp: 18848

Ion	Ratio	Lower	Upper
166	100		
165	101.9	78.0	117.0
167	15.6	10.5	15.7

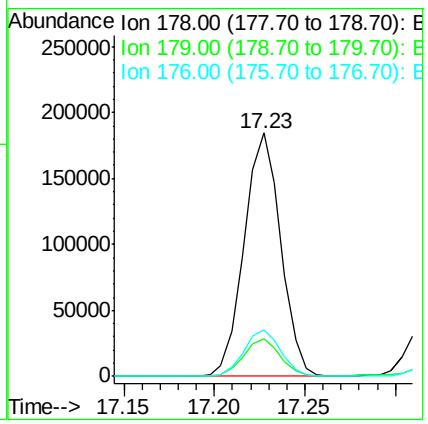




#69
Phenanthrene
Concen: 13.71 ng/ul
RT: 17.23 min Scan# 2489
Delta R.T. -0.00 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:178 Resp: 258939

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.9	15.8	23.6



Instrument :
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ClientSampleId :
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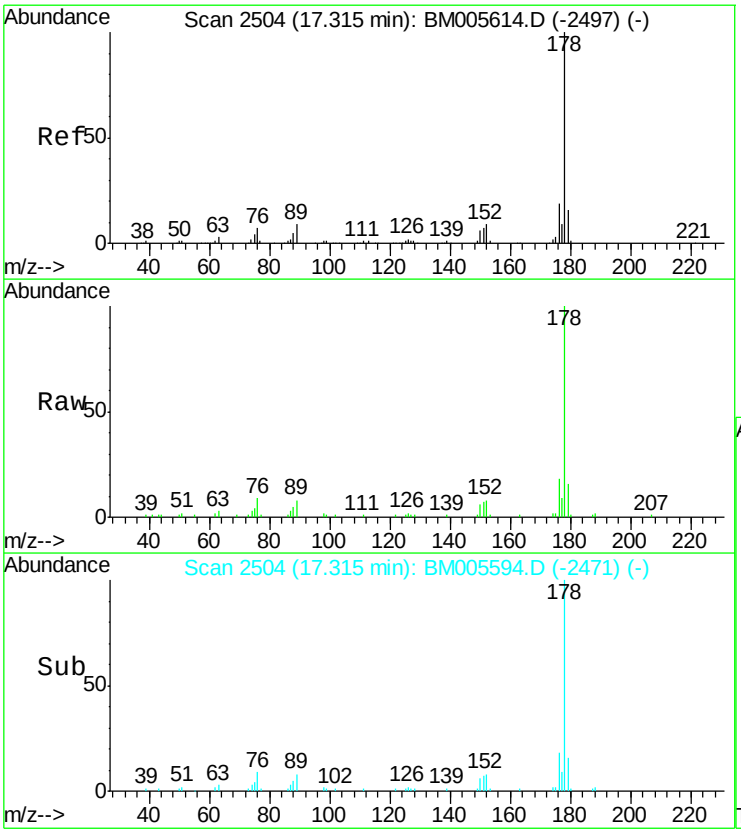
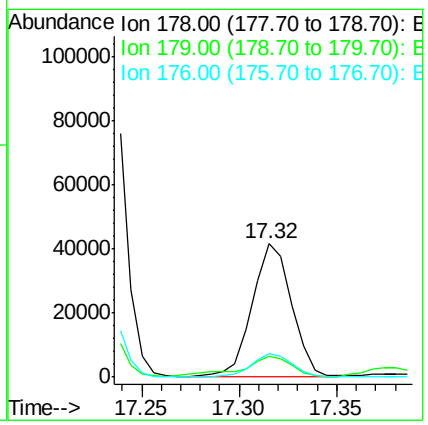
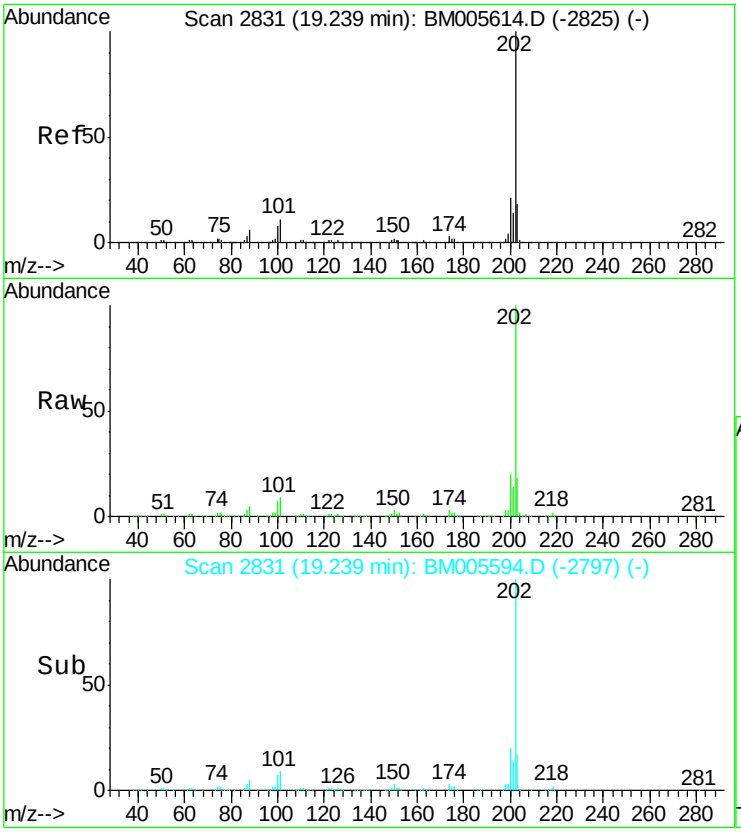


#71
Anthracene
Concen: 3.05 ng/ul
RT: 17.32 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:178 Resp: 58666

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	17.8	15.0	22.4

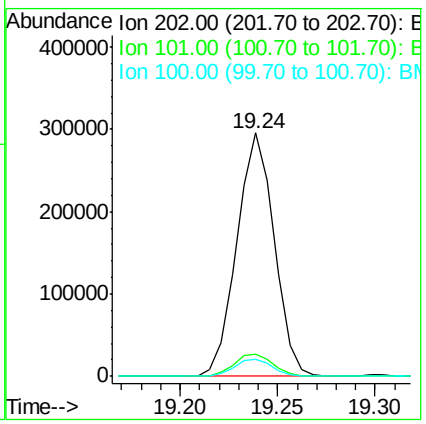




#74
Fluoranthene
Concen: 18.44 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:202 Resp: 392045

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.9	11.9
100	7.1	5.6	8.4



Instrument :
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ClientSampleId :
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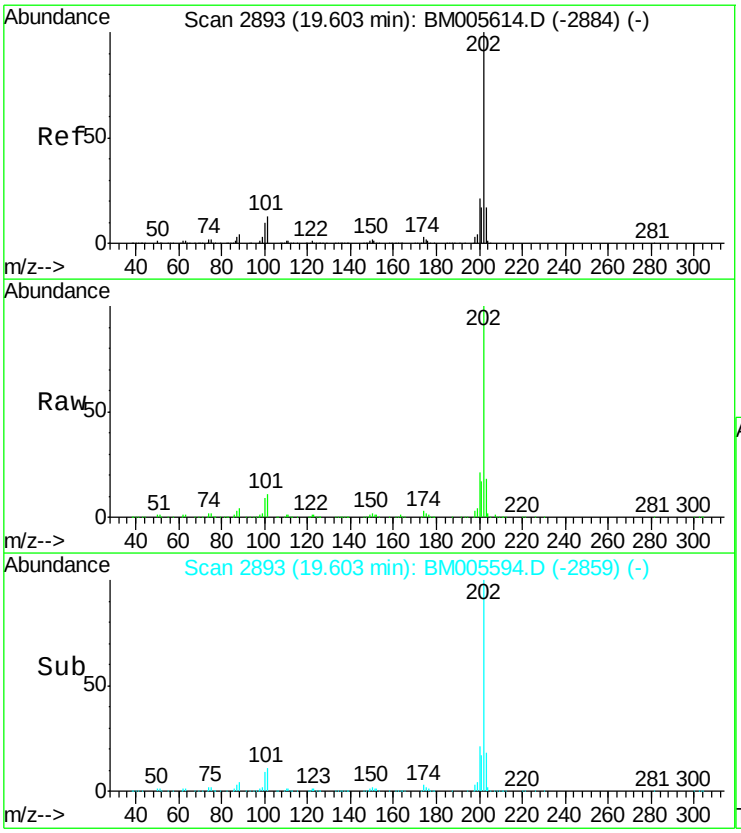
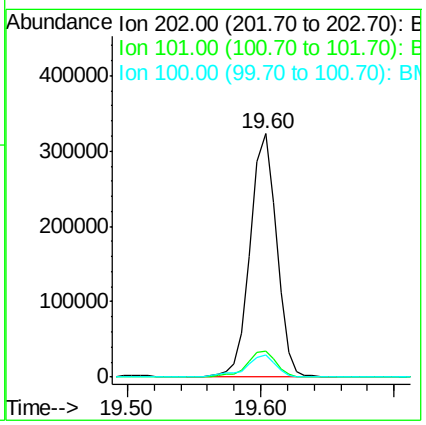
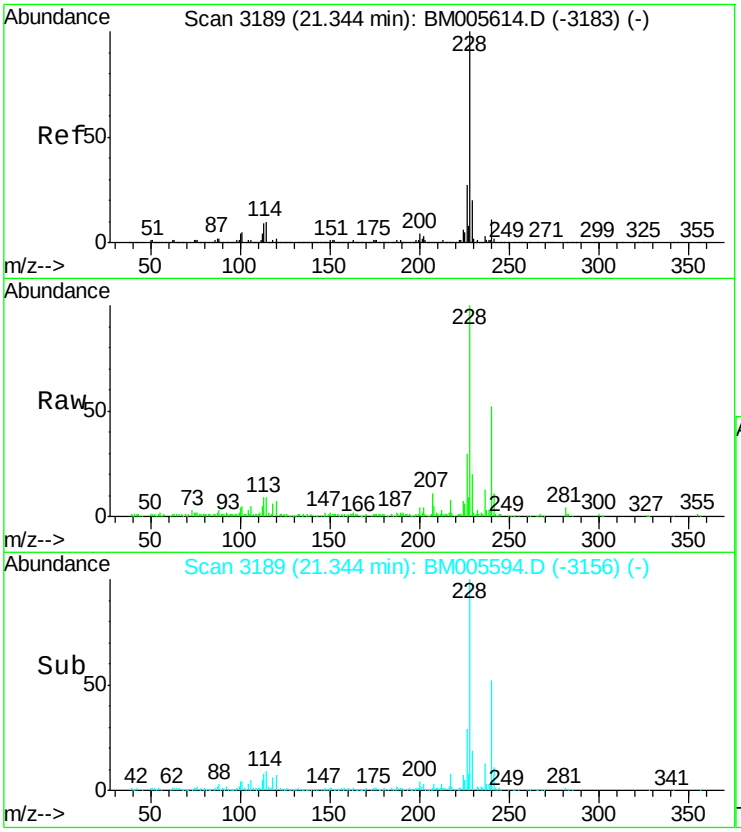


#77
Pyrene
Concen: 15.52 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:202 Resp: 441289

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.6	14.4
100	9.0	7.8	11.6

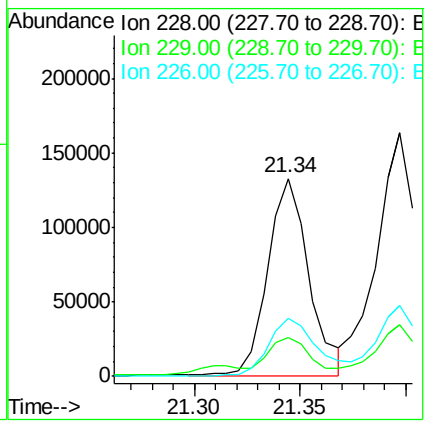




#80
Benzo(a)anthracene
Concen: 6.20 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:228 Resp: 180363

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.2
226	29.5	21.0	31.4



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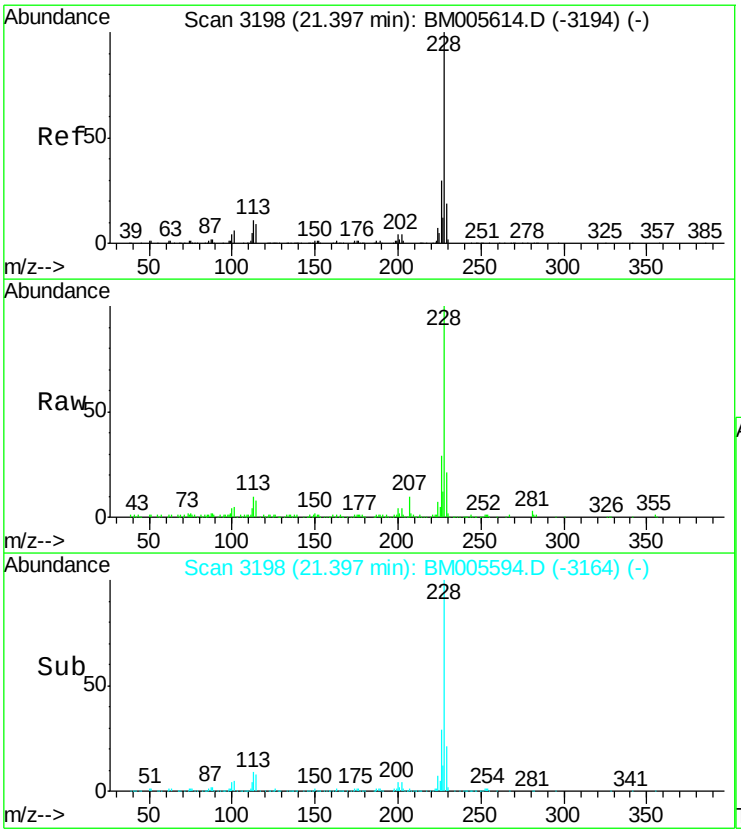
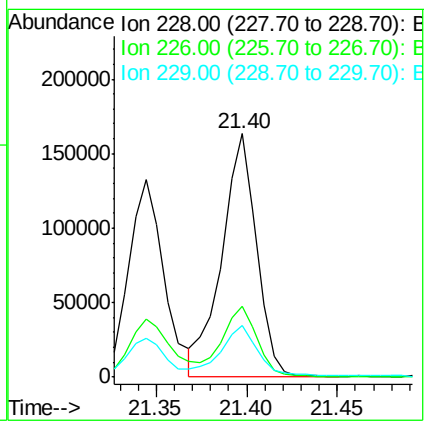
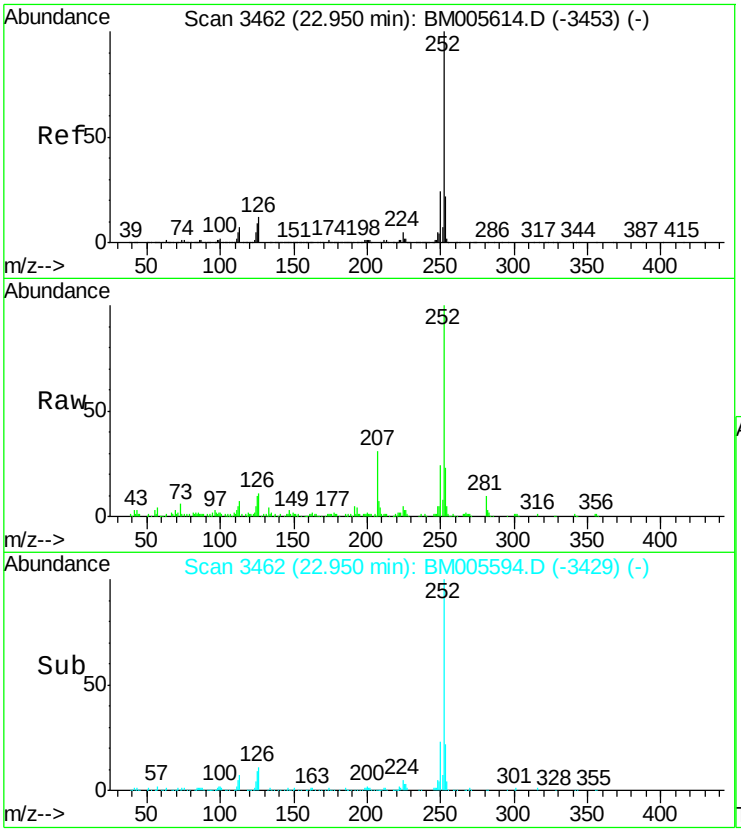


#82
Chrysene
Concen: 7.82 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. -0.00 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:228 Resp: 216316

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.7	35.5
229	21.1	15.5	23.3

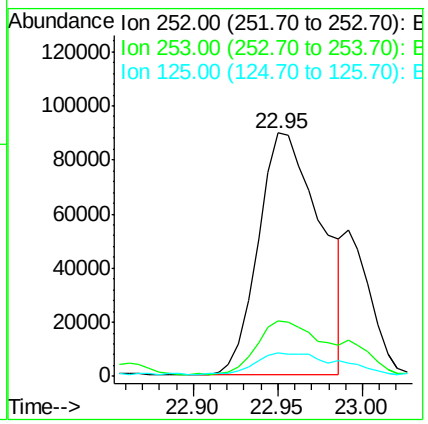




#85
Benzo(b)fluoranthene
Concen: 6.75 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:252 Resp: 230848

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	9.7	7.0	10.4



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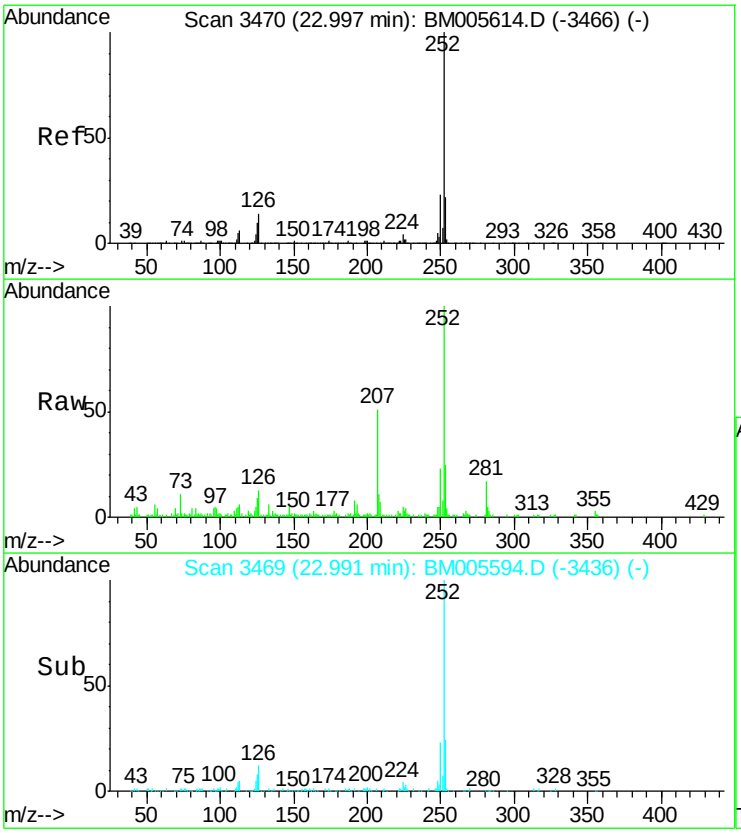
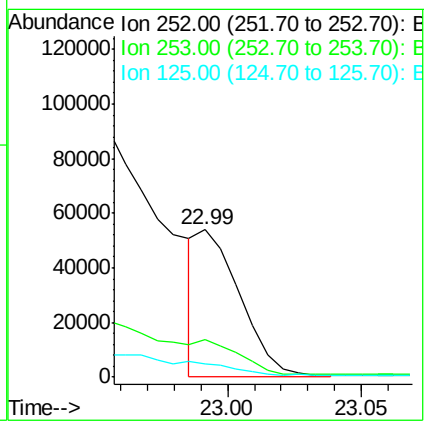
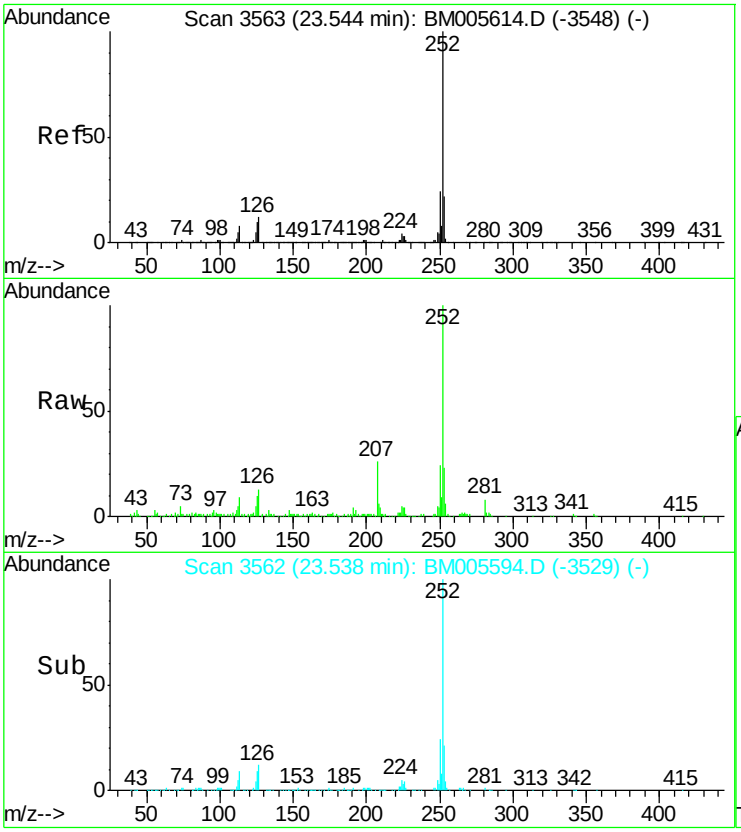


#86
Benzo(k)fluoranthene
Concen: 1.84 ng/ul m
RT: 22.99 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:252 Resp: 59472

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	9.1	7.0	10.6

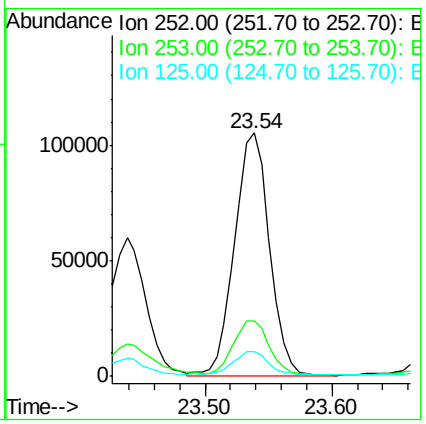




#88
Benzo(a)pyrene
Concen: 6.00 ng/ul
RT: 23.54 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:252 Resp: 199192

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	10.0	7.6	11.4



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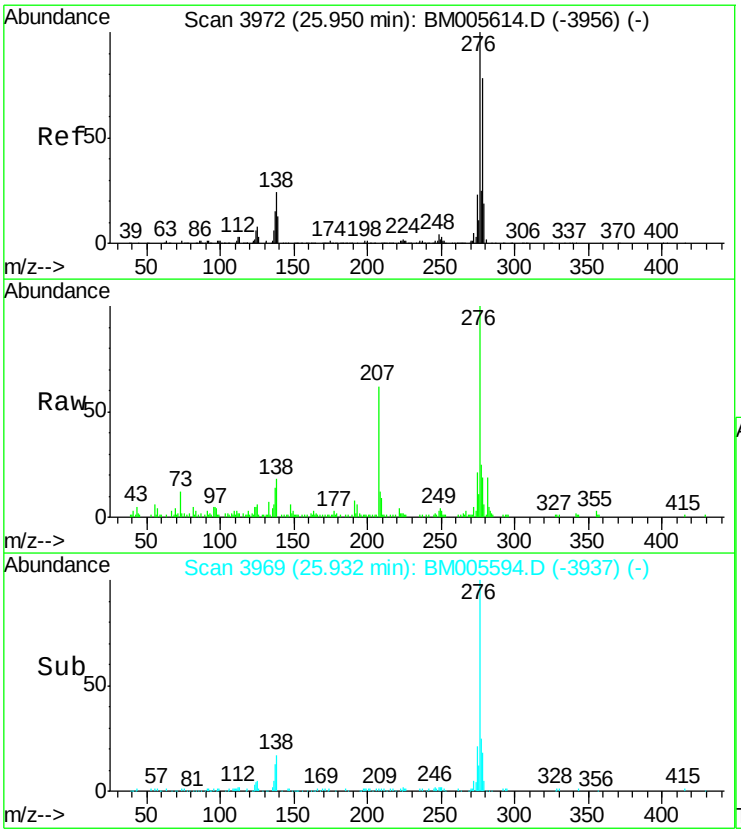
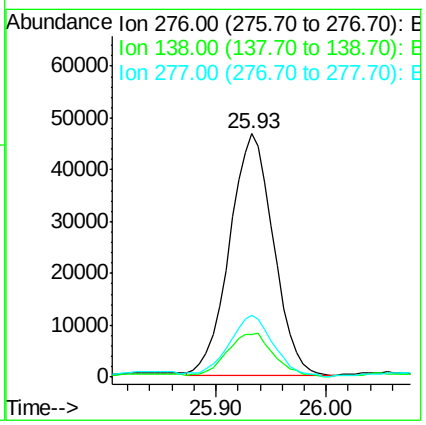
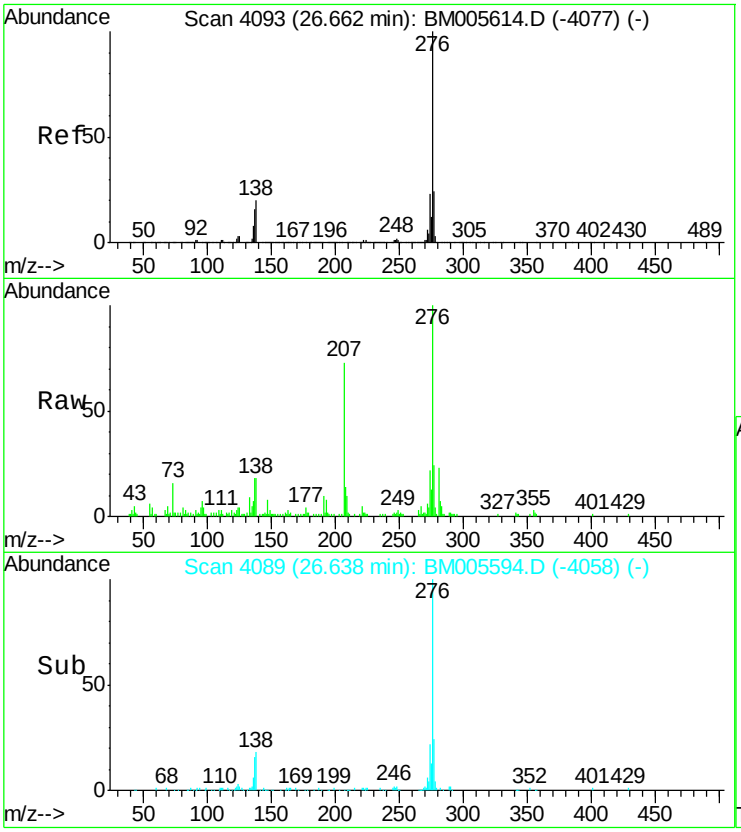


#89
Indeno(1,2,3-cd)pyrene
Concen: 3.28 ng/ul
RT: 25.93 min Scan# 3969
Delta R.T. -0.01 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:276 Resp: 129406

Ion	Ratio	Lower	Upper
276	100		
138	17.6	16.9	25.3
277	25.4	20.2	30.4

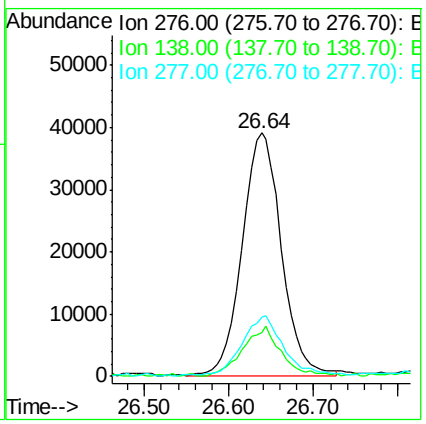




#91
Benzo(g,h,i)perylene
Concen: 3.82 ng/ul
RT: 26.64 min Scan# 4089
Delta R.T. -0.02 min
Lab File: BM005594.D
Acq: 22 May 2016 19:38

Tgt Ion:276 Resp: 126681

Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.0	22.6
277	24.2	18.6	28.0



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