Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014362.D
Acq On : 26 Feb 2018 18:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE611

Manual Integrations APPROVED
Sohil
2/27/2018 4:58:19 PM

Quant Time: Feb 27 04:12:26 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	113948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	537045	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	314596	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	701446	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	685714	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	585725	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	14467m	5.43	ng/uL	0.00
5) Phenol-d5	6.72	99	313617	32.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	191830	32.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	255930	34.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	272603	32.35	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	136893	34.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	152307	37.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	269376	31.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	295290	35.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	923727	35.56	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1187344	37.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	101072m	28.18	ng/ul	0.00
57) Fluorene-d10	15.18	176	779783	33.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	96435	22.92	ng/ul	0.00
70) Anthracene-d10	17.04	188	1194714	35.30	ng/ul	0.00
76) Pyrene-d10	19.34	212	1288501	36.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	986501	34.61	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.65	163	229544	8.960	ng/ul	100
49) Acenaphthene	14.24	153	39570	1.856	ng/ul	95
58) Fluorene	15.24	166	40705	1.475	ng/ul#	96
69) Phenanthrene	16.98	178	959170	23.733	ng/ul	99
71) Anthracene	17.07	178	144478	3.555	ng/ul	98
72) Carbazole	17.36	167	61330	1.795	ng/ul#	96
74) Fluoranthene	19.01	202	1326798	27.479	ng/ul#	94
77) Pyrene	19.37	202	1286390	28.228	ng/ul#	91
80) Benzo(a)anthracene	21.13	228	514611	12.025	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	178410	6.611	ng/ul#	94
82) Chrysene	21.19	228	507275	12.706	ng/ul	99
85) Benzo(b)fluoranthene	22.68	252	535136	13.645	ng/ul#	97
86) Benzo(k)fluoranthene	22.71	252	185605m	4.978	ng/ul	
88) Benzo(a)pyrene	23.23	252	398414	11.368	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.47	276	228635	6.723	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.48	278	63630m	2.252	ng/ul	
91) Benzo(g,h,i)perylene	26.14	276	166087	6.029	ng/ul#	87

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
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Acq On : 26 Feb 2018 18:36
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE611

Manual Integrations APPROVED
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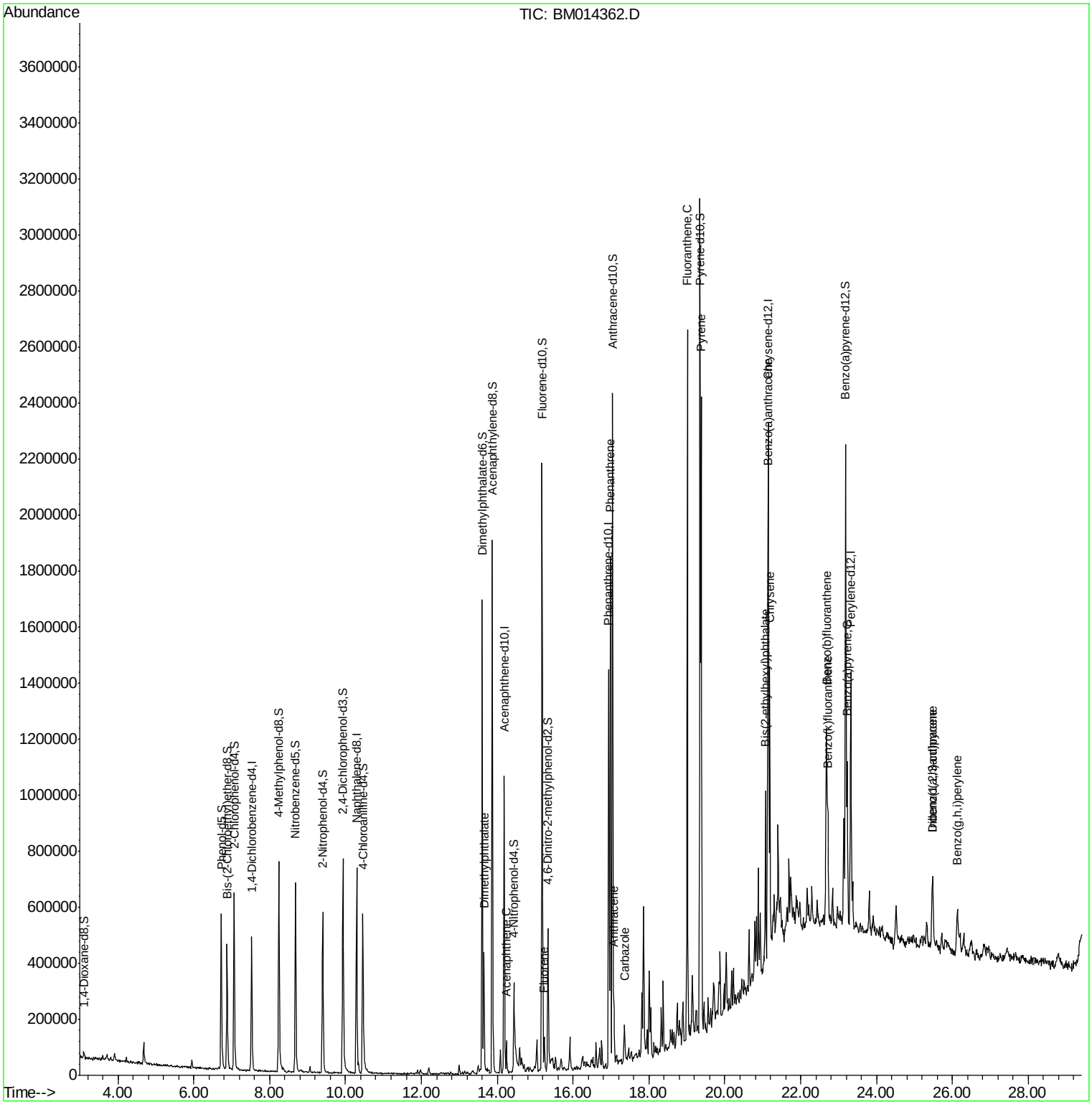
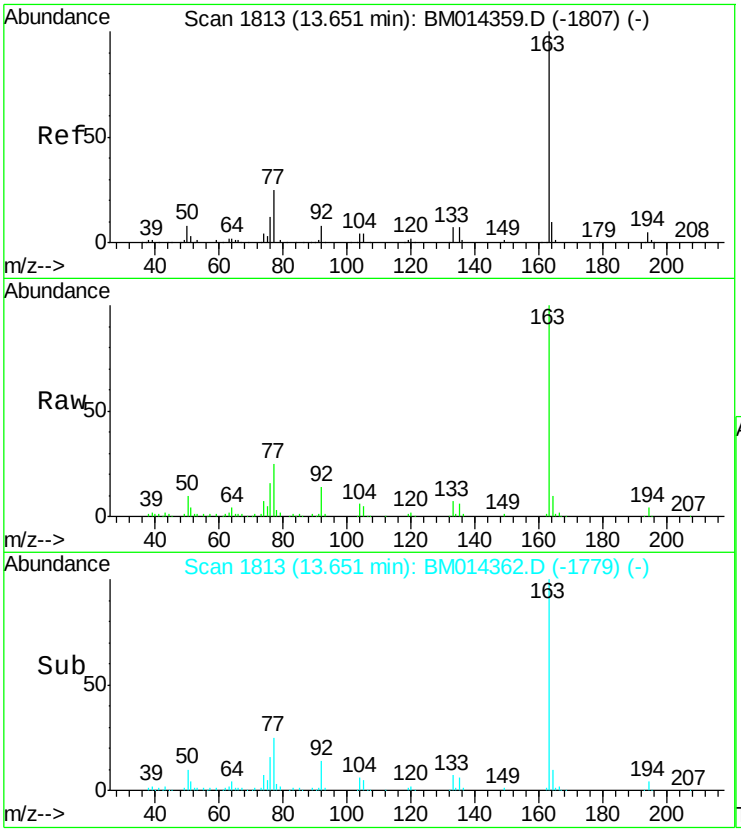
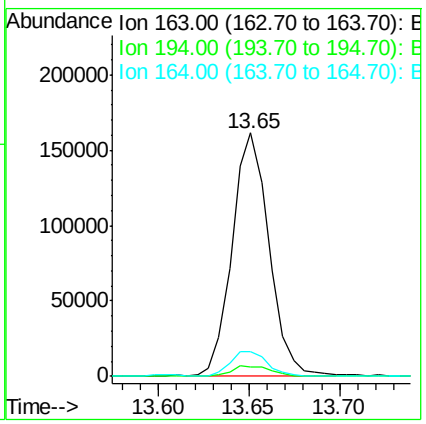




#44
Dimethylphthalate
Concen: 8.960 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:163 Resp: 229544

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.3	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
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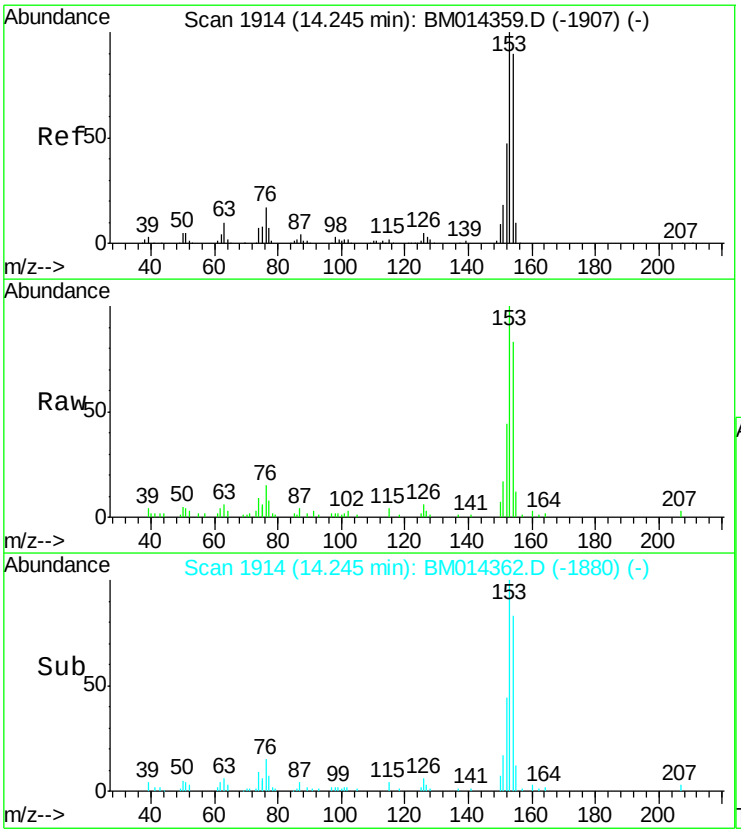
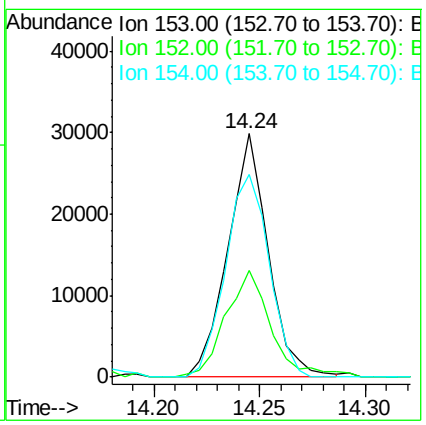
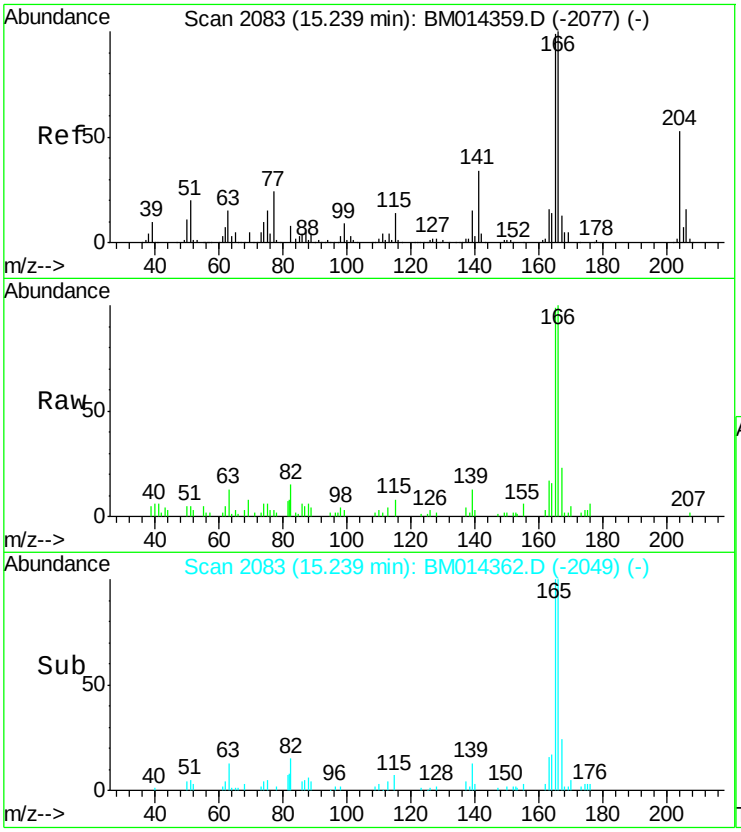


#49
Acenaphthene
Concen: 1.856 ng/ul
RT: 14.24 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:153 Resp: 39570

Ion	Ratio	Lower	Upper
153	100		
152	43.9	37.6	56.4
154	83.5	70.4	105.6

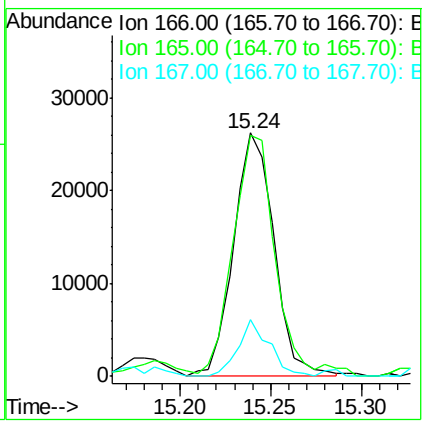




#58
Fluorene
Concen: 1.475 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:166 Resp: 40705

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.9	116.9
167	23.5	10.6	16.0#



Instrument :
BNA_M
ClientSampleId :
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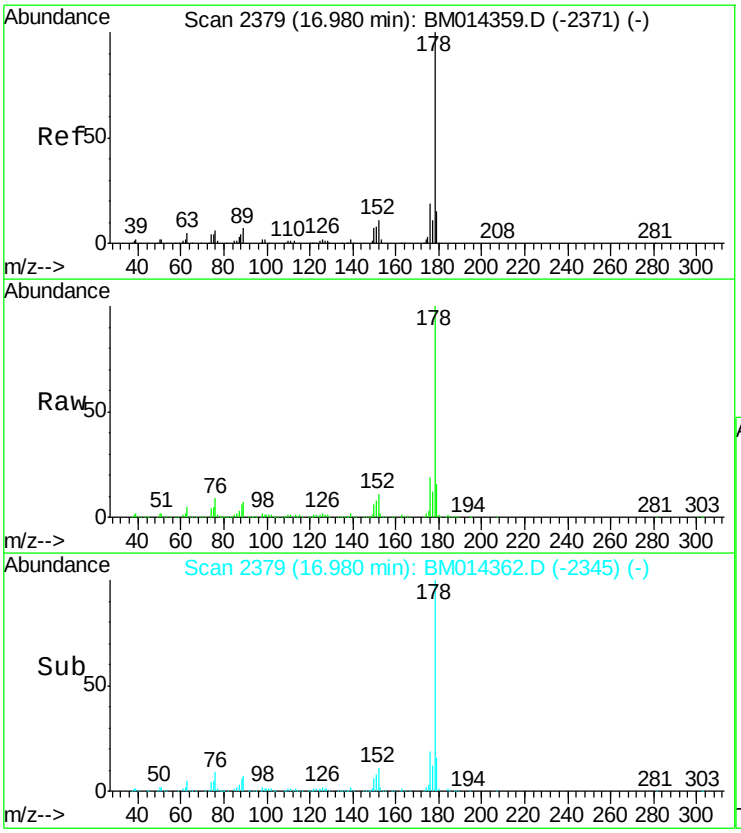
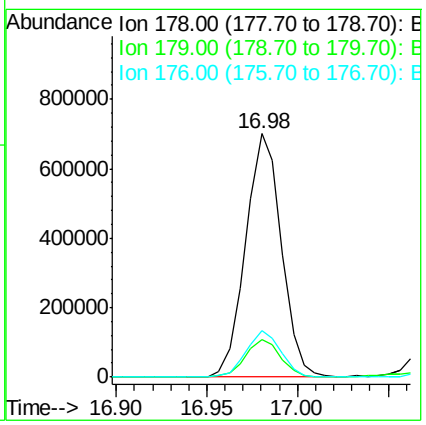
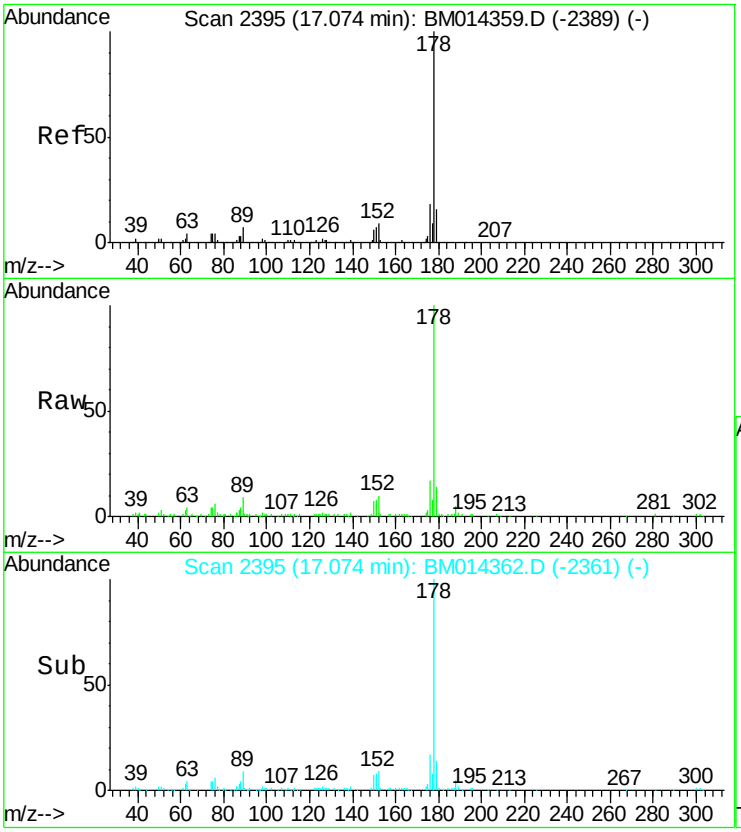


#69
Phenanthrene
Concen: 23.733 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:178 Resp: 959170

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.3	14.9	22.3

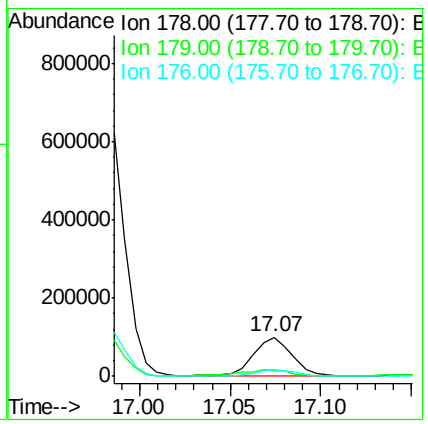




#71
Anthracene
Concen: 3.555 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:178 Resp: 144478

Ion	Ratio	Lower	Upper
178	100		
179	14.5	11.7	17.5
176	16.9	14.6	21.8



Instrument :
BNA_M
ClientSampleId :
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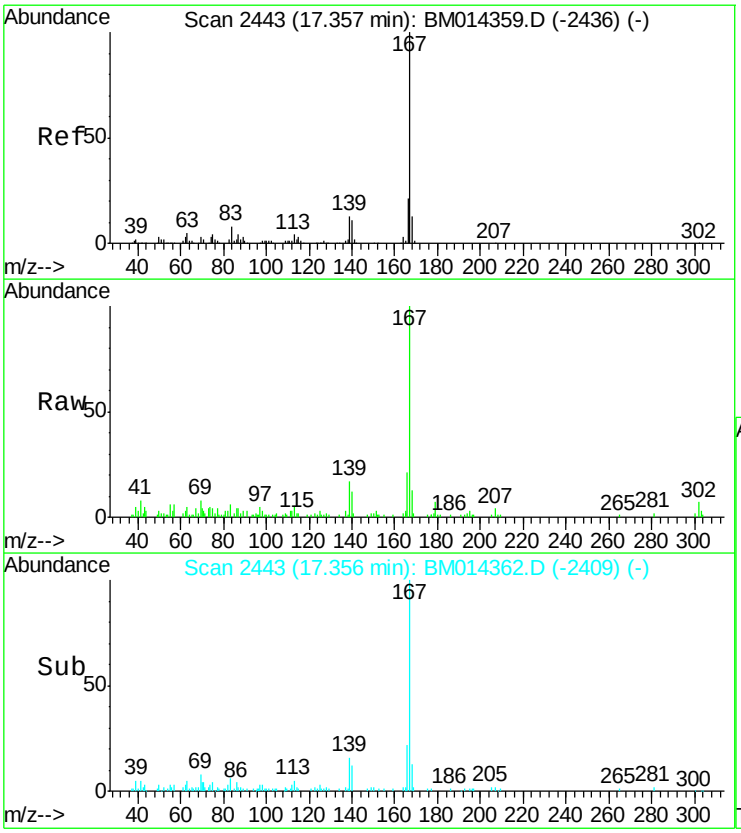
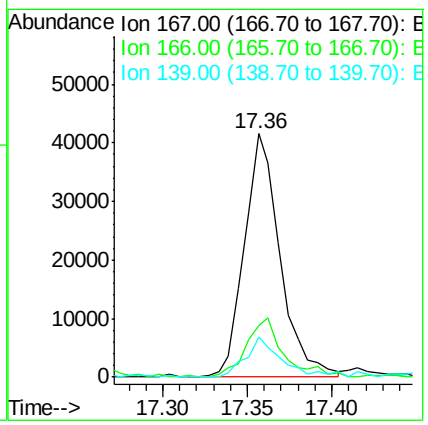
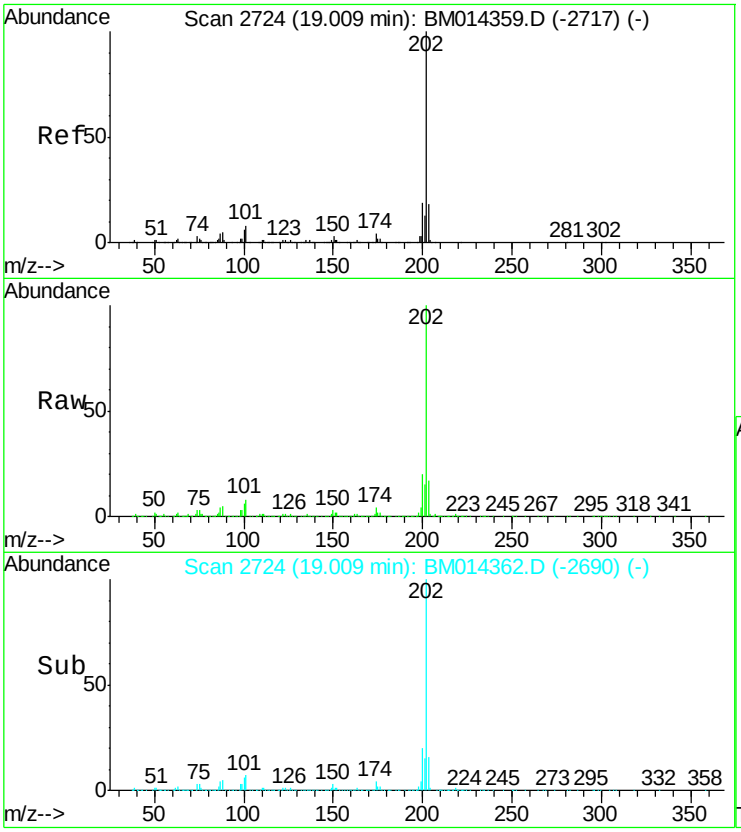


#72
Carbazole
Concen: 1.795 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:167 Resp: 61330

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	16.7	10.0	15.0#





#74
Fluoranthene
Concen: 27.479 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:202 Resp: 1326798

Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.6	7.0#
100	6.5	3.4	5.2#

Instrument :
BNA_M
ClientSampleId :
BE611

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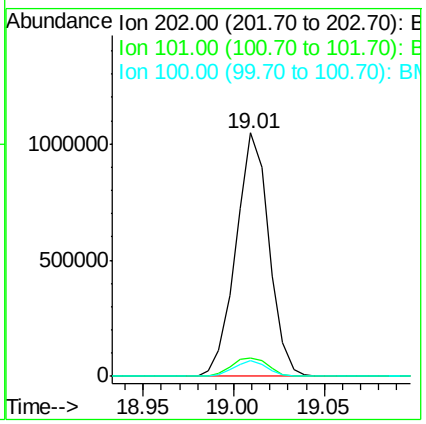
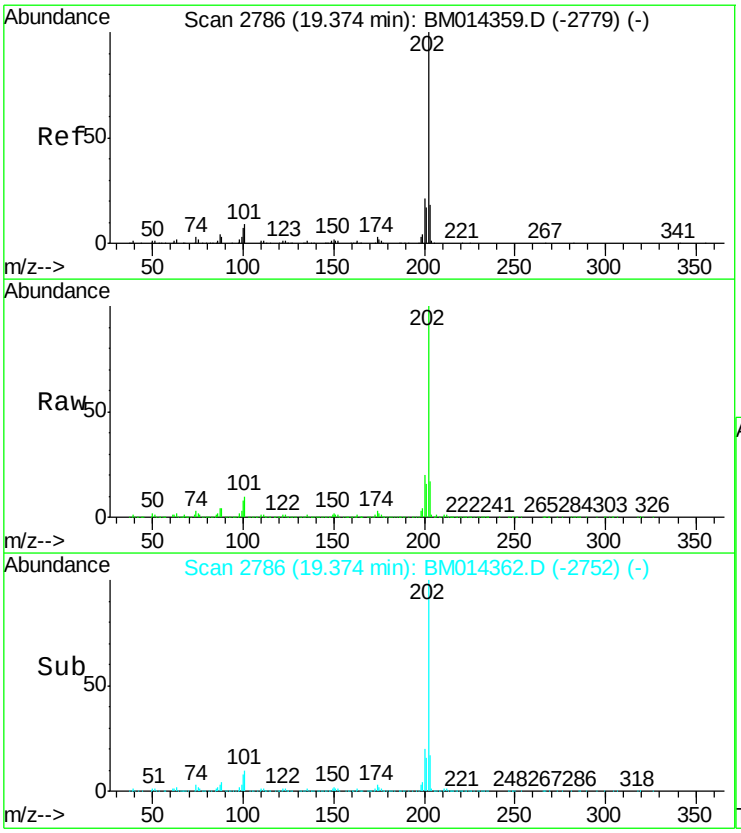
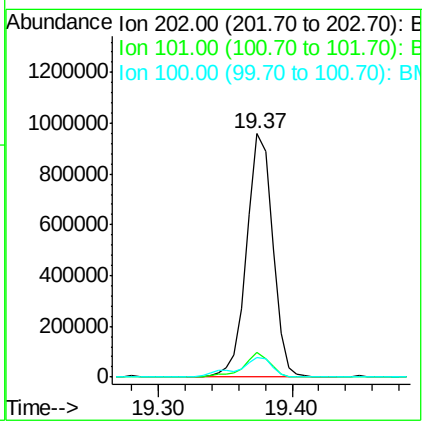


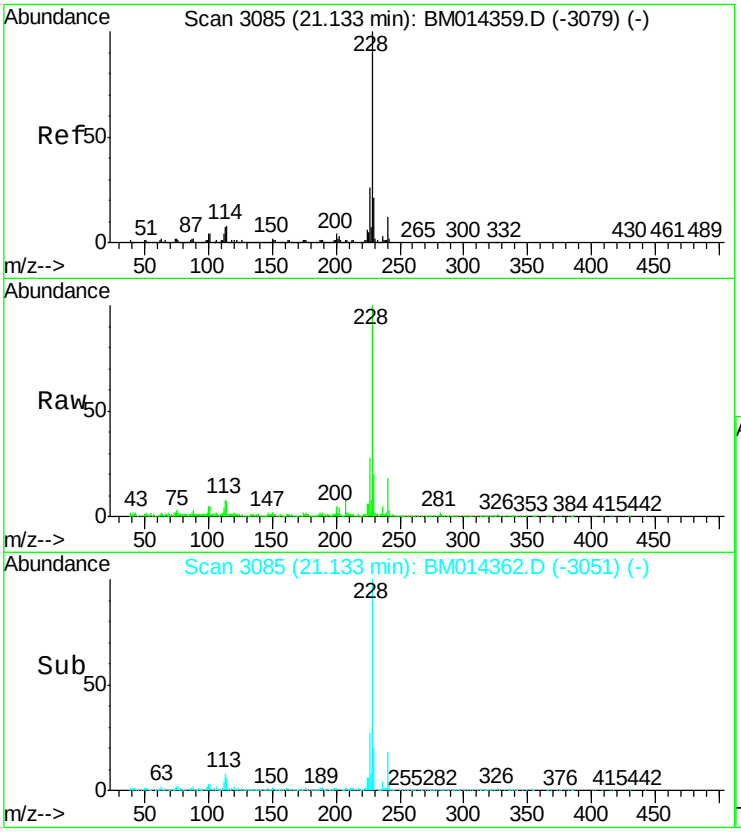


#77
Pyrene
Concen: 28.228 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:202 Resp: 1286390

Ion	Ratio	Lower	Upper
202	100		
101	10.0	5.1	7.7#
100	8.2	4.9	7.3#

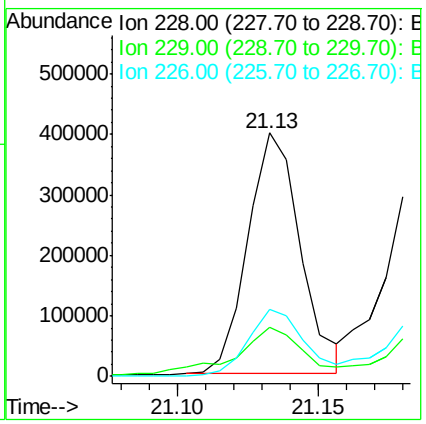




#80
Benzo(a)anthracene
Concen: 12.025 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:228 Resp: 514611

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.4	23.0
226	27.5	21.4	32.0



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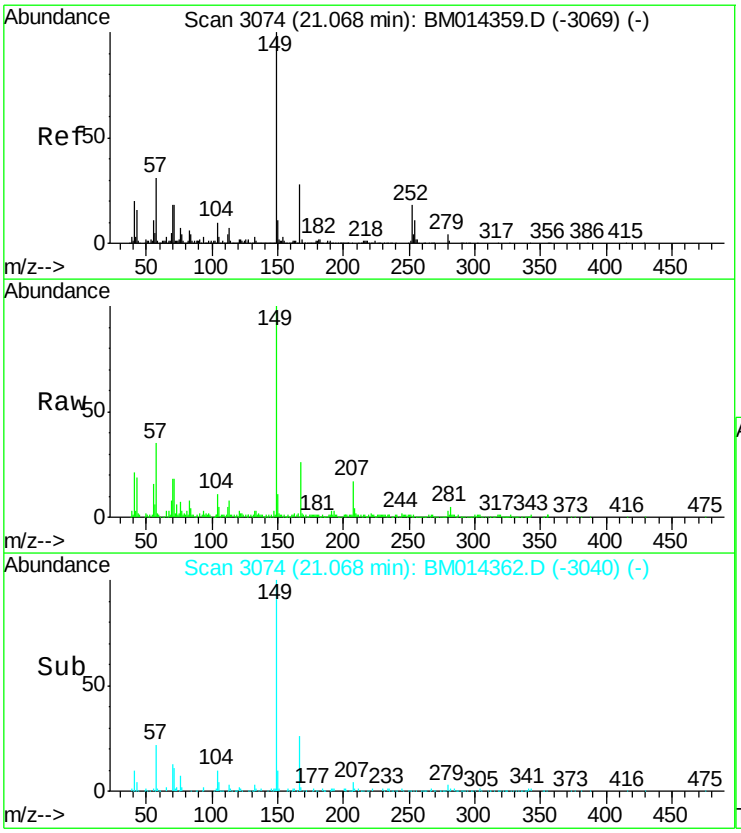
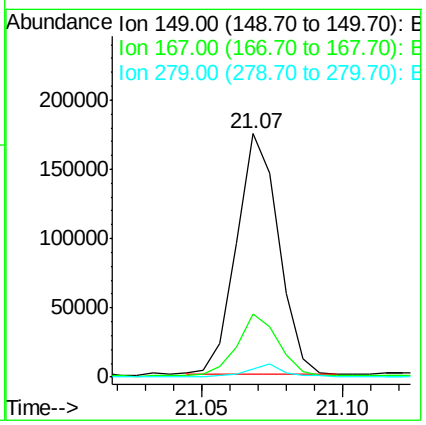
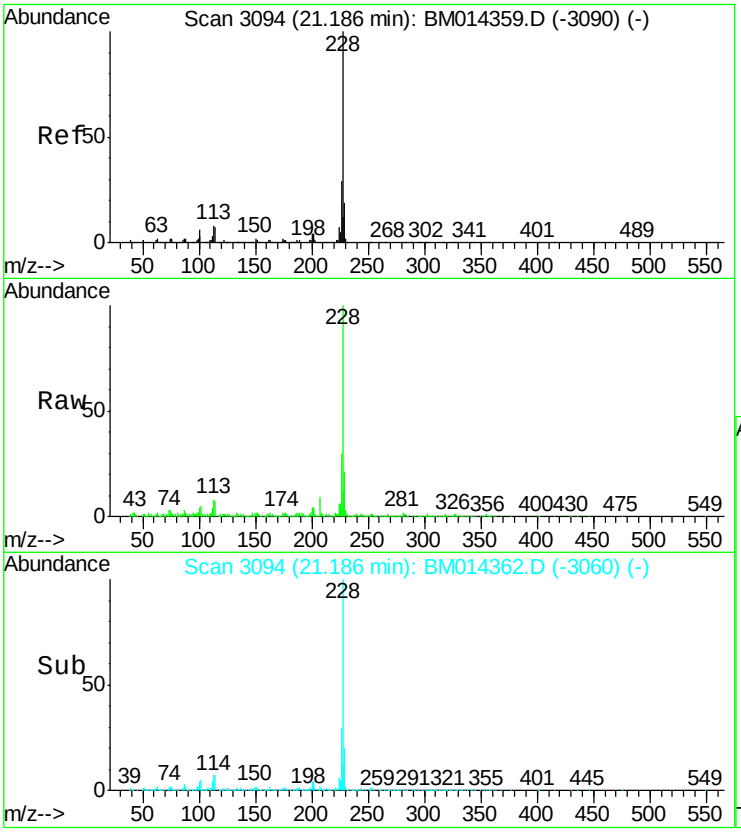


#81
Bis(2-ethylhexyl)phthalate
Concen: 6.611 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:149 Resp: 178410

Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.8	34.2
279	3.2	4.9	7.3#





#82
Chrysene
Concen: 12.706 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:228 Resp: 507275

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	20.7	15.5	23.3

Instrument :
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ClientSampleId :
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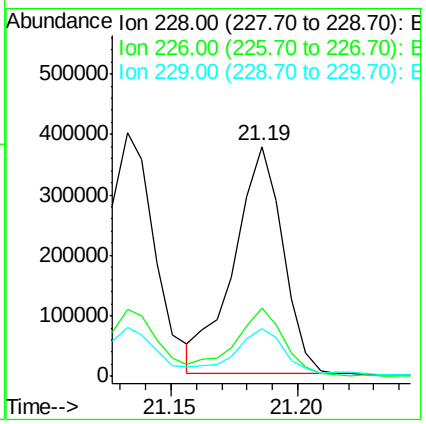
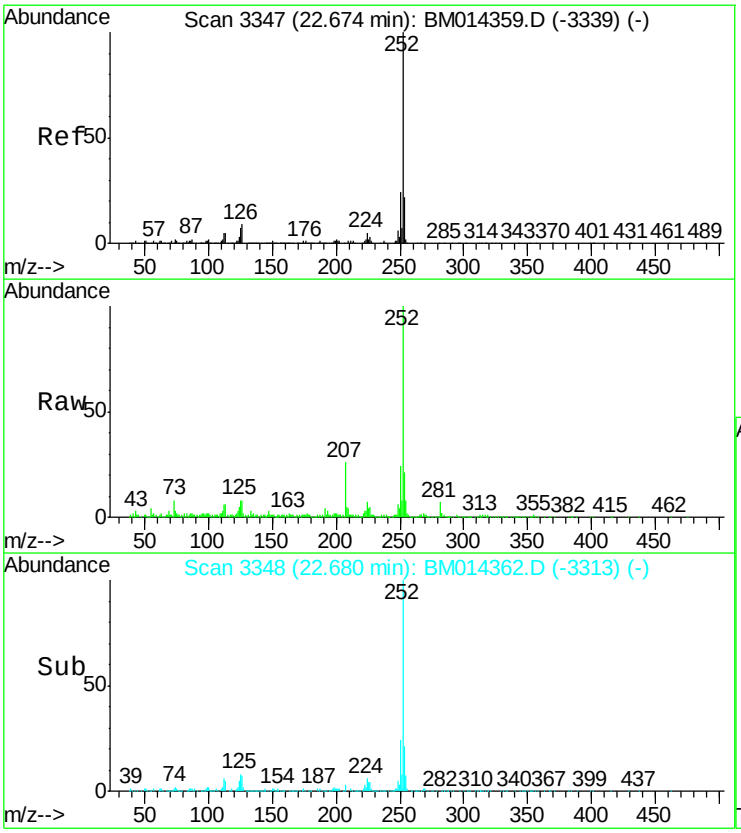
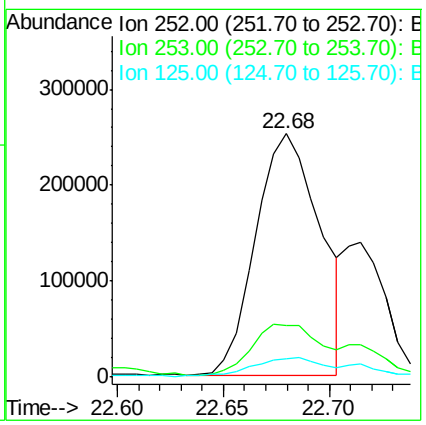


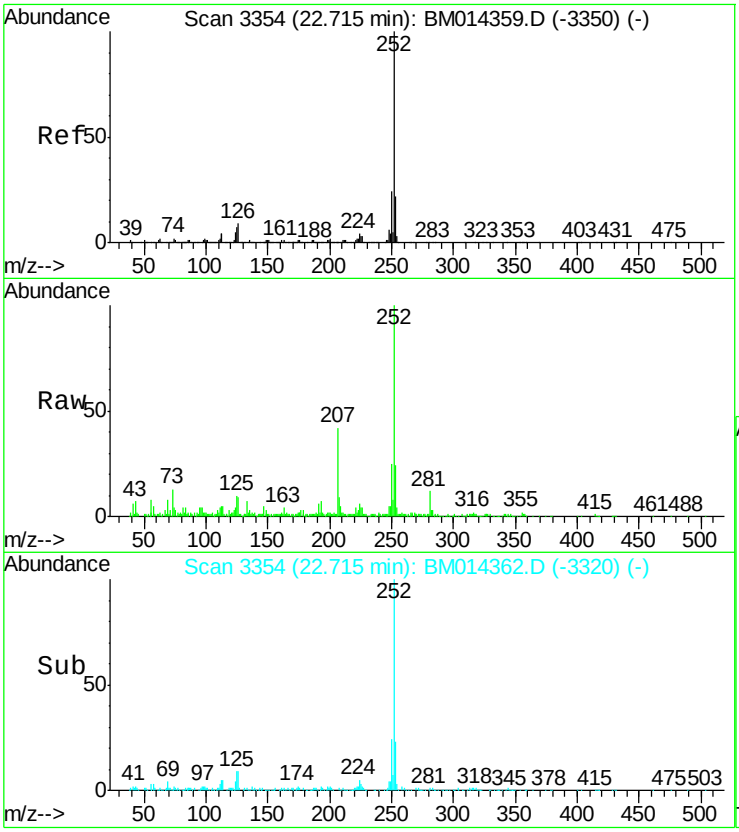


#85
Benzo(b)fluoranthene
Concen: 13.645 ng/ul
RT: 22.68 min Scan# 3348
Delta R.T. 0.01 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:252 Resp: 535136

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	7.8	3.6	5.4#

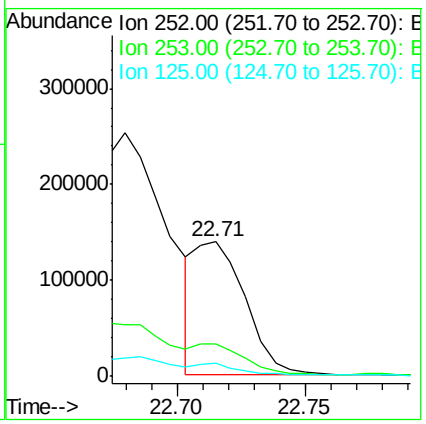




#86
Benzo(k)fluoranthene
Concen: 4.978 ng/ul m
RT: 22.71 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:252 Resp: 185605

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	10.2	3.4	5.2#



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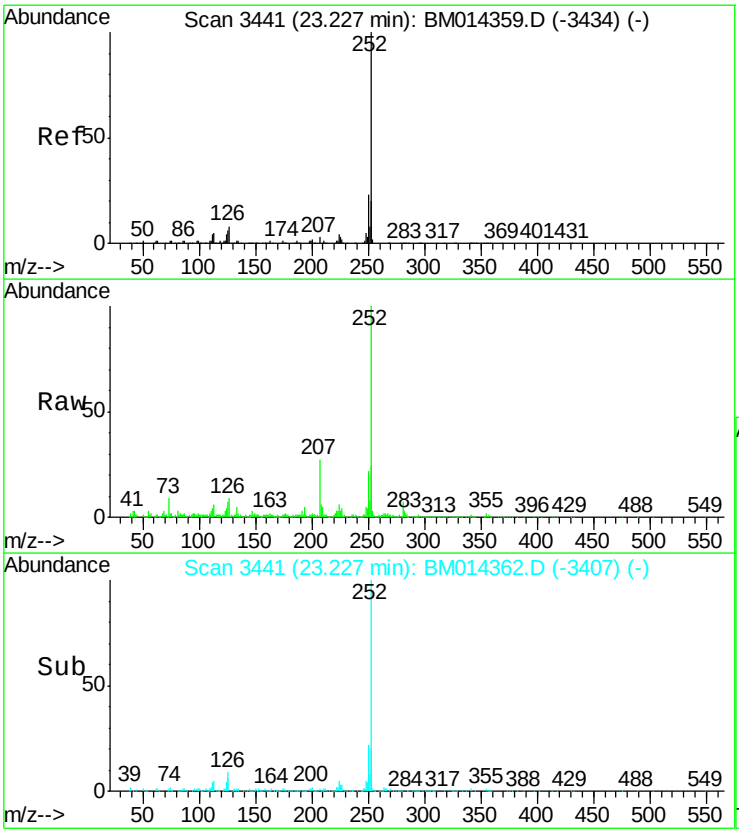
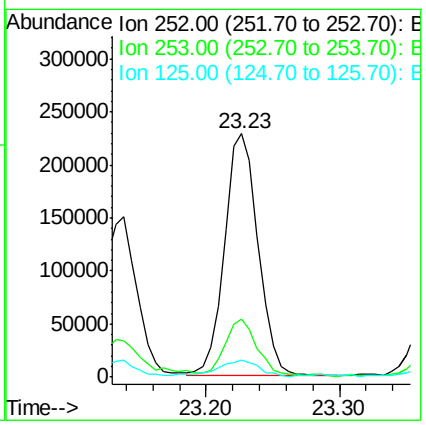
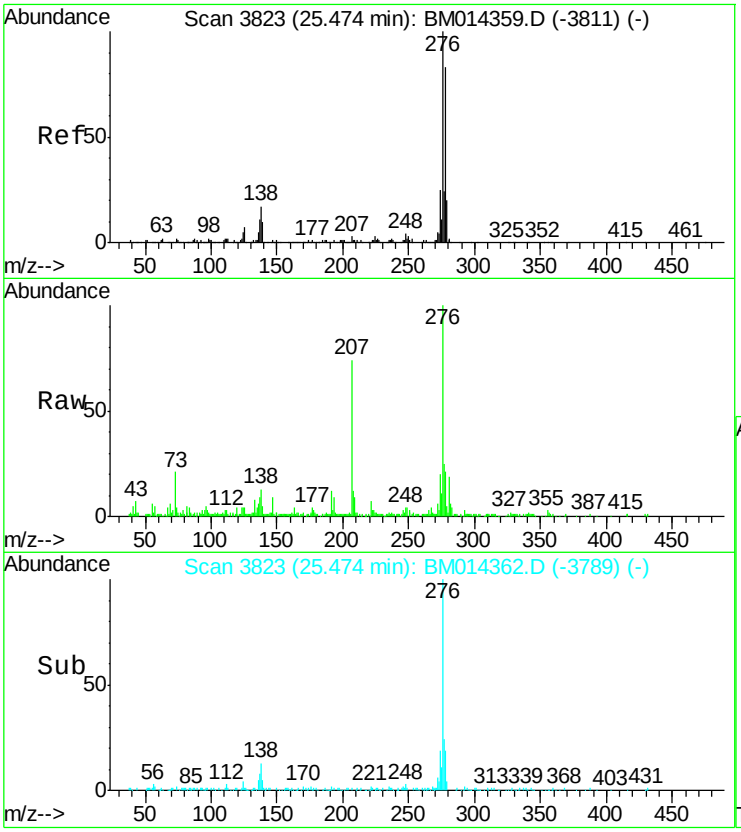


#88
Benzo(a)pyrene
Concen: 11.368 ng/ul
RT: 23.23 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:252 Resp: 398414

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	7.1	4.0	6.0#

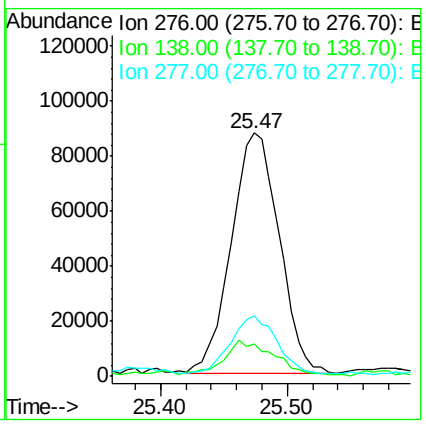




#89
Indeno(1,2,3-cd)pyrene
Concen: 6.723 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:276 Resp: 228635

Ion	Ratio	Lower	Upper
276	100		
138	18.6	9.3	13.9#
277	24.7	19.9	29.9



Instrument :
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ClientSampleId :
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Sohil
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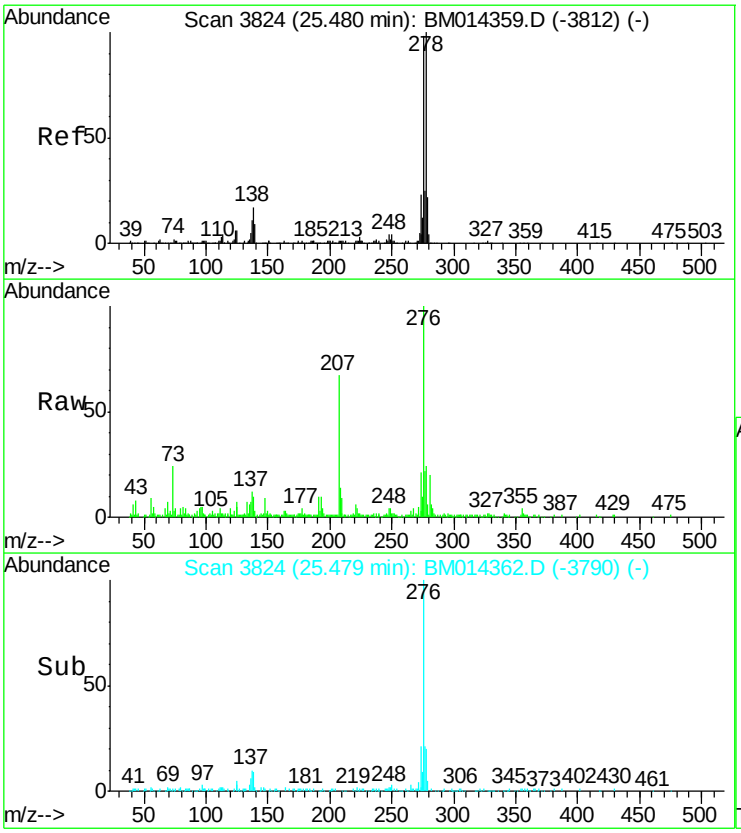
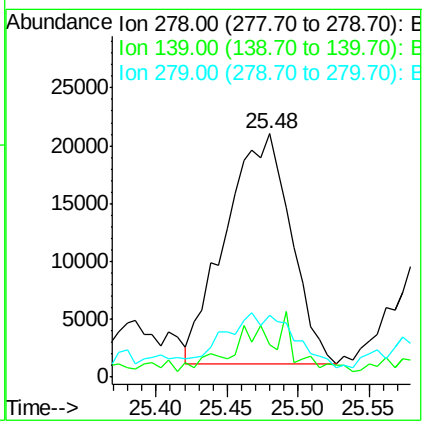
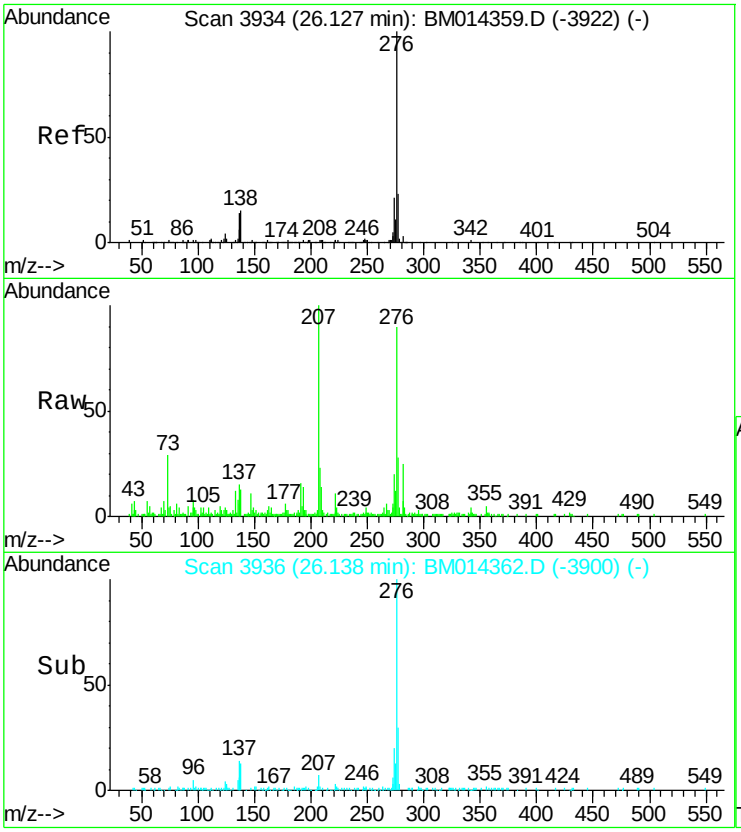


#90
Dibenzo(a,h)anthracene
Concen: 2.252 ng/ul m
RT: 25.48 min Scan# 3824
Delta R.T. -0.00 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:278 Resp: 63630

Ion	Ratio	Lower	Upper
278	100		
139	13.1	5.8	8.8#
279	25.3	18.6	27.8

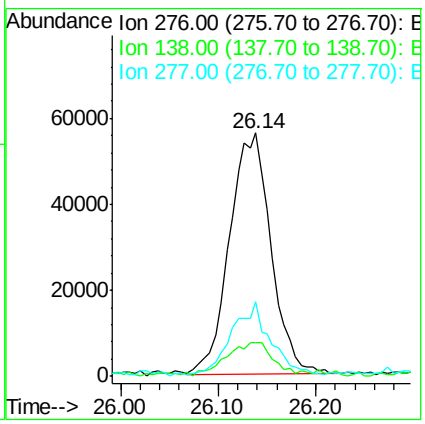




#91
Benzo(g,h,i)perylene
Concen: 6.029 ng/ul
RT: 26.14 min Scan# 3936
Delta R.T. 0.01 min
Lab File: BM014362.D
Acq: 26 Feb 2018 18:36

Tgt Ion:276 Resp: 166087

Ion	Ratio	Lower	Upper
276	100		
138	14.1	8.5	12.7#
277	30.8	18.6	28.0#



Instrument :
BNA_M
ClientSampleId :
BE611

Manual Integrations APPROVED
Sohil
2/27/2018 4:58:19 PM