Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013874.D
Acq On : 27 Jan 2018 09:08
Operator : SJ/JU
Sample : J1222-13DL2 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A95DL2

Manual Integrations APPROVED
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Quant Time: Jan 27 22:48:28 2018
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	136661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	502798	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	271640	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	595063	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	641420	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	664409	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	127	0.04	ng/uL	0.00
5) Phenol-d5	6.80	99	3228	0.31	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.95	67	3611	0.57	ng/ul	0.01
9) 2-Chlorophenol-d4	7.13	132	5061	0.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	3409m	0.42	ng/ul	0.04
19) Nitrobenzene-d5	8.77	128	1739m	0.45	ng/ul	0.04
22) 2-Nitrophenol-d4	9.48	143	1598	0.39	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.06	165	1901	0.24	ng/ul	0.06
29) 4-Chloroaniline-d4	10.48	131	430	0.06	ng/ul	-0.03
43) Dimethylphthalate-d6	13.67	166	17189	0.77	ng/ul	0.01
46) Acenaphthylene-d8	13.93	160	20994	0.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	198	0.05	ng/ul	0.00
57) Fluorene-d10	15.24	176	17077	0.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	1250	0.35	ng/ul	0.02
70) Anthracene-d10	17.09	188	21157	0.73	ng/ul	0.00
76) Pyrene-d10	19.39	212	29356	0.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	26529	0.87	ng/ul	0.00
Target Compounds						Qvalue
49) Acenaphthene	14.30	153	68238	3.772	ng/ul	94
53) Dibenzofuran	14.65	168	56167	2.064	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	28202	4.946	ng/ul#	93
58) Fluorene	15.29	166	48547	2.178	ng/ul	93
68) Pentachlorophenol	16.64	266	573954	142.769	ng/ul	97
69) Phenanthrene	17.03	178	283699	8.577	ng/ul	98
71) Anthracene	17.13	178	60750m	1.781	ng/ul	
74) Fluoranthene	19.06	202	391654	9.919	ng/ul#	94
77) Pyrene	19.42	202	290324	7.445	ng/ul#	95
80) Benzo(a)anthracene	21.17	228	57591	1.486	ng/ul	98
82) Chrysene	21.20	228	93877m	2.640	ng/ul	
85) Benzo(b)fluoranthene	22.73	252	167245	4.099	ng/ul#	94
88) Benzo(a)pyrene	23.29	252	56469	1.465	ng/ul#	91

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
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Instrument :
BNA_M
ClientSampleId :
F6A95DL2

Manual Integrations APPROVED
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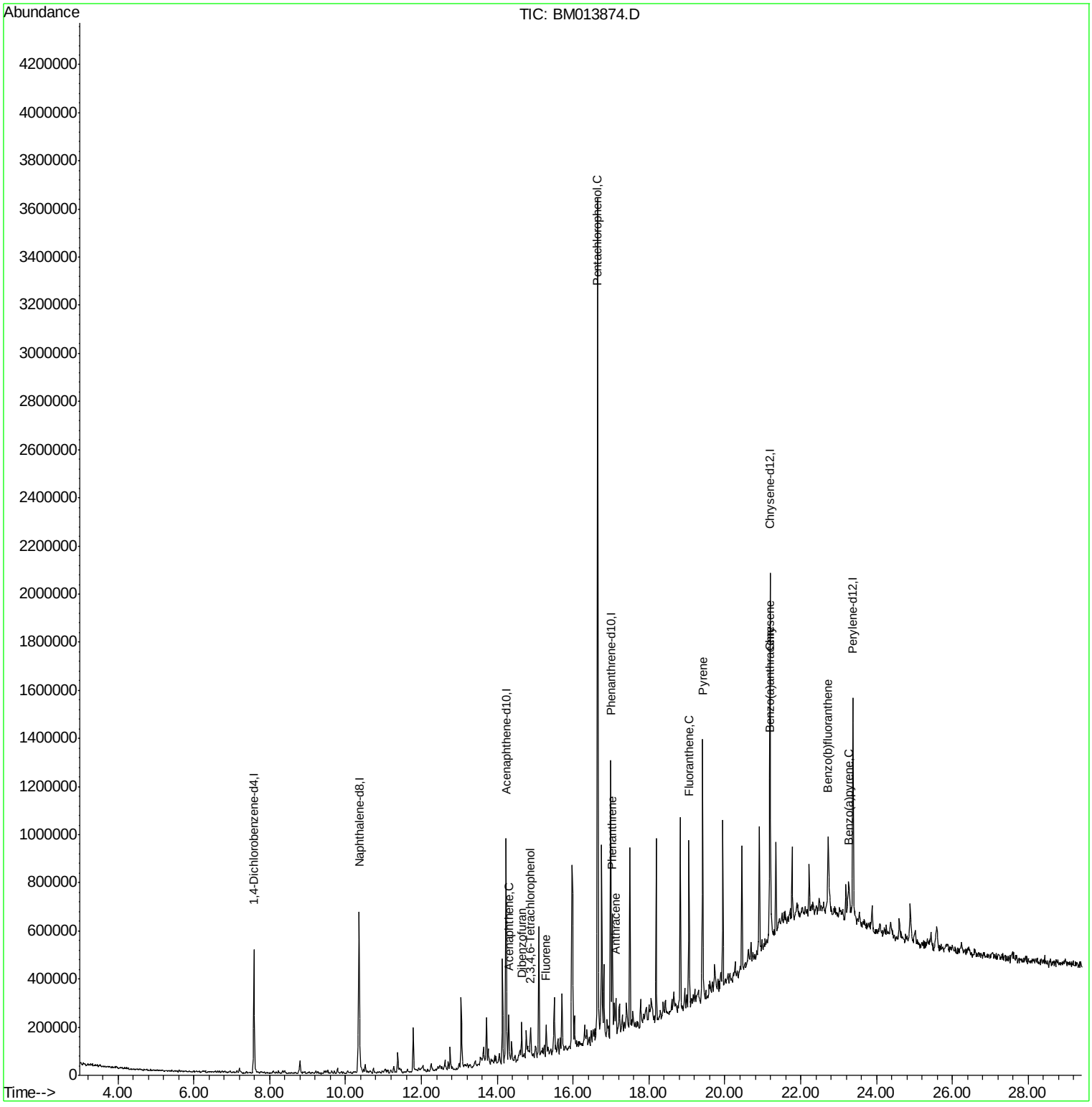
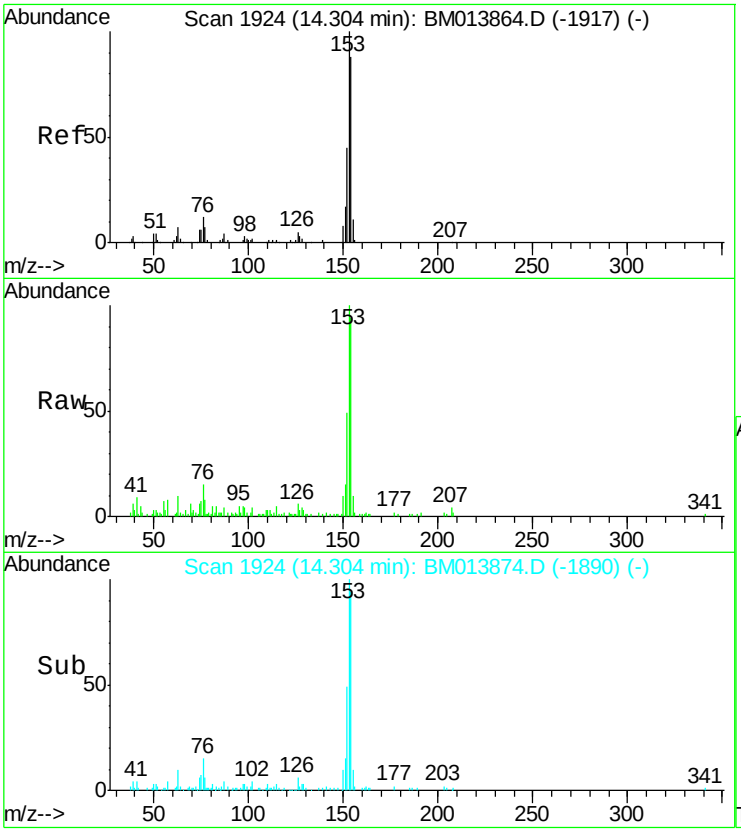
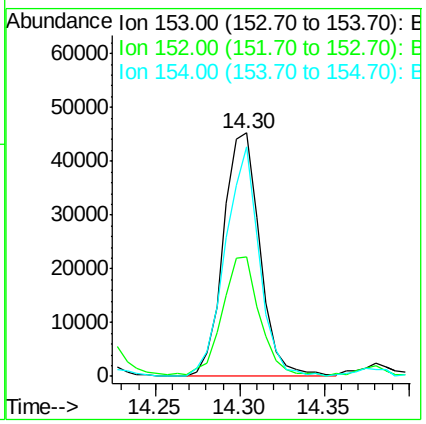




#49
Acenaphthene
Concen: 3.772 ng/ul
RT: 14.30 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:153 Resp: 68238

Ion	Ratio	Lower	Upper
153	100		
152	49.3	37.6	56.4
154	94.2	70.4	105.6



Instrument :
BNA_M
ClientSampleId :
F6A95DL2

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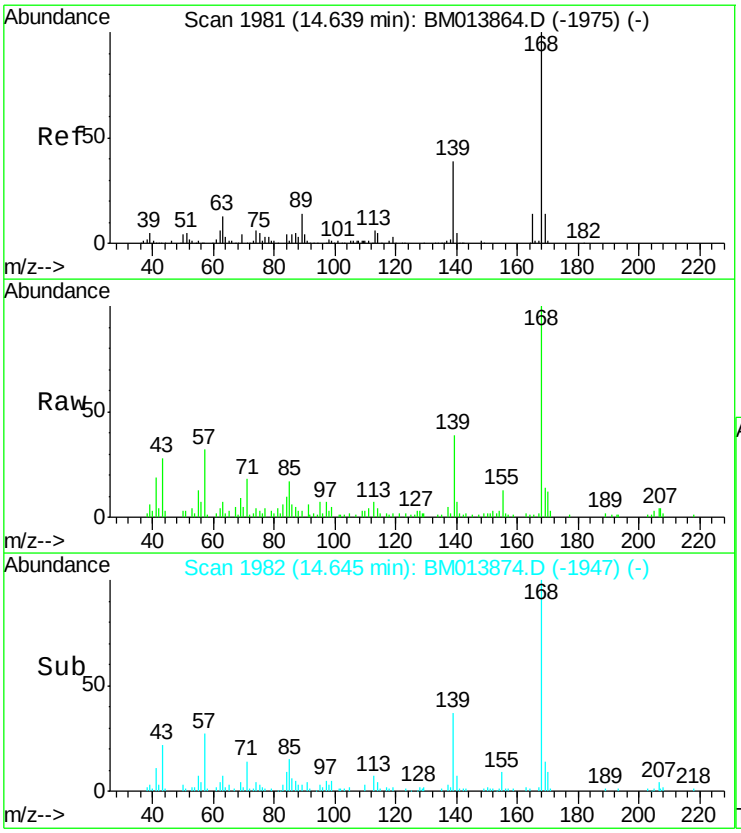
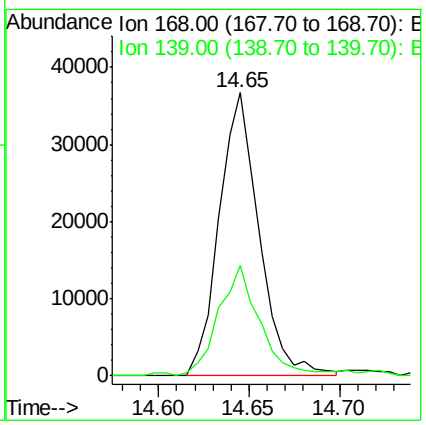
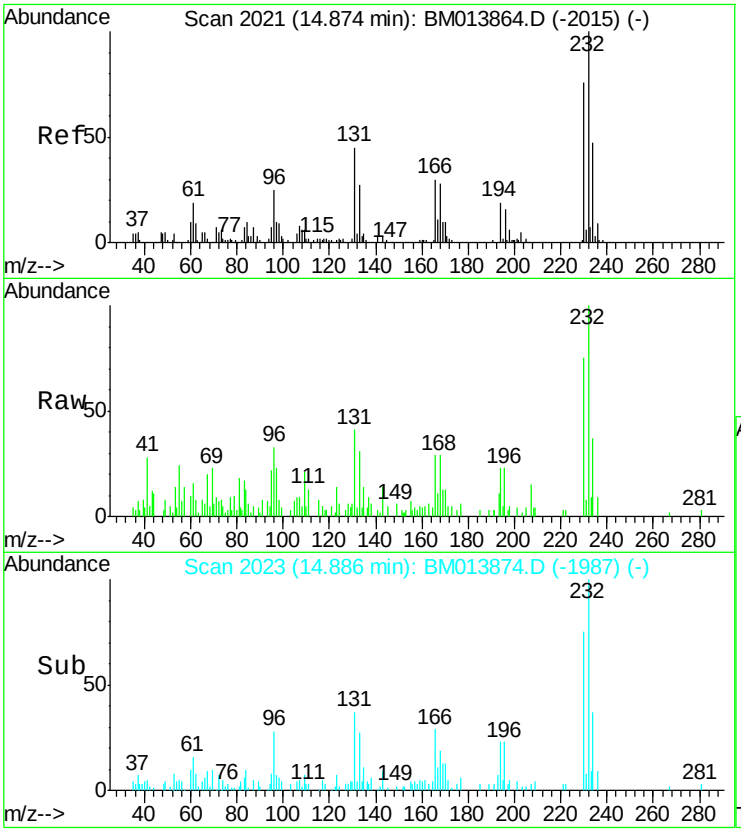


#53
Dibenzofuran
Concen: 2.064 ng/ul
RT: 14.65 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:168 Resp: 56167

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.8	46.2

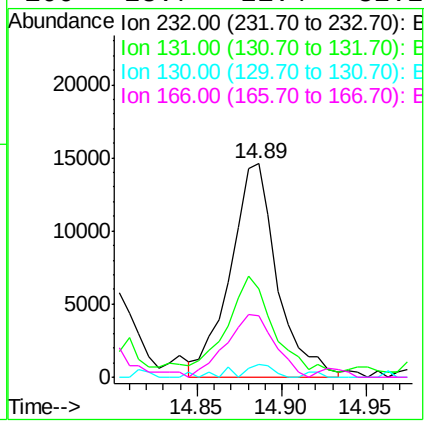




#55
2,3,4,6-Tetrachlorophenol
Concen: 4.946 ng/ul
RT: 14.89 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:232 Resp: 28202

Ion	Ratio	Lower	Upper
232	100		
131	41.5	29.0	43.4
130	6.0	2.0	3.0#
166	28.7	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
F6A95DL2

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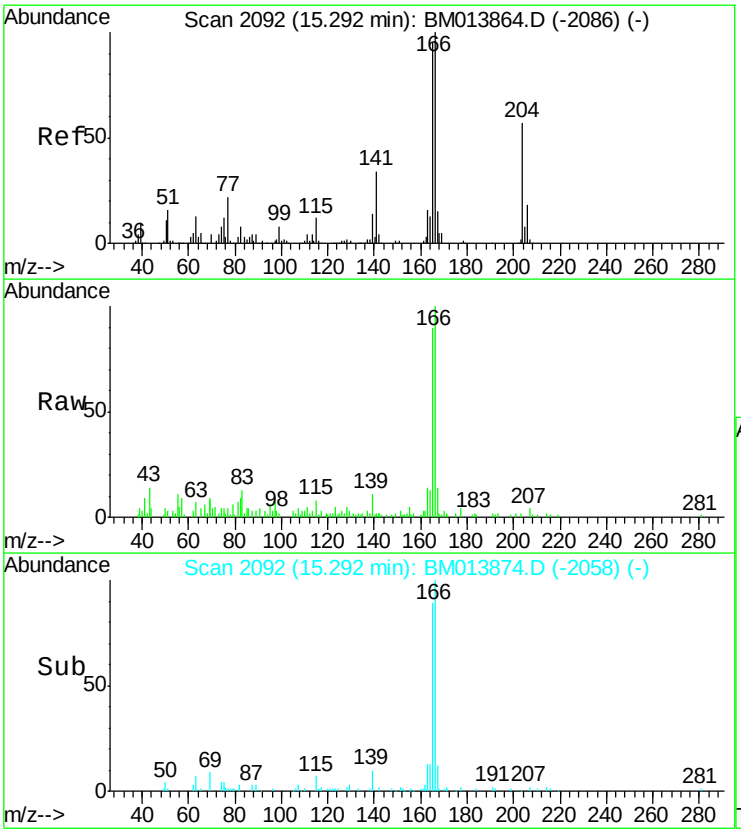
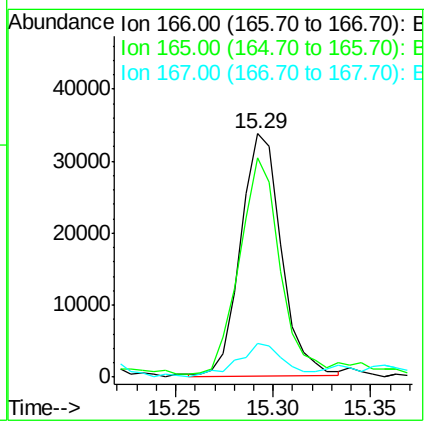
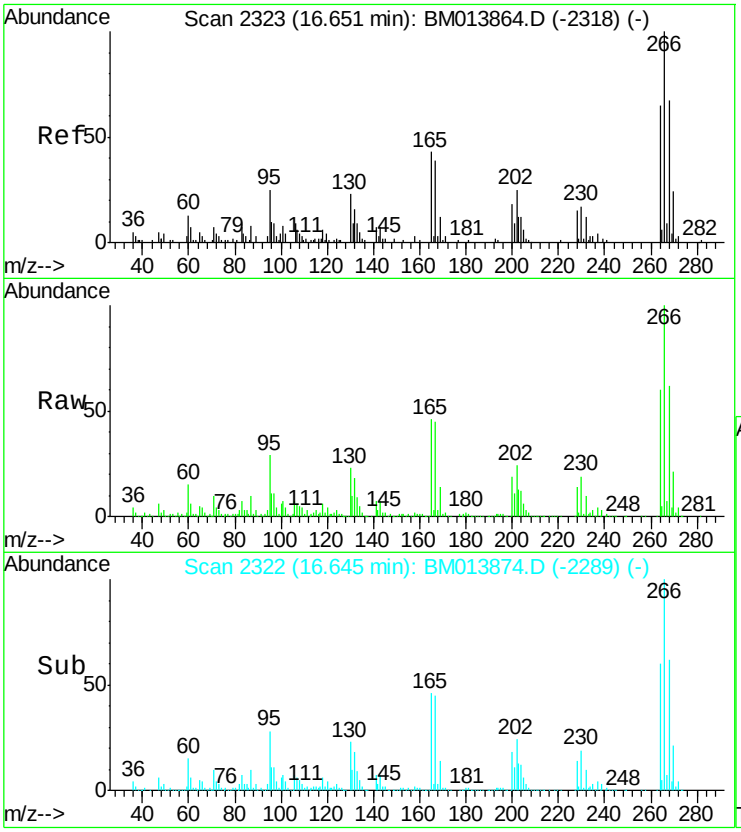


#58
Fluorene
Concen: 2.178 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:166 Resp: 48547

Ion	Ratio	Lower	Upper
166	100		
165	90.2	77.9	116.9
167	13.9	10.6	16.0

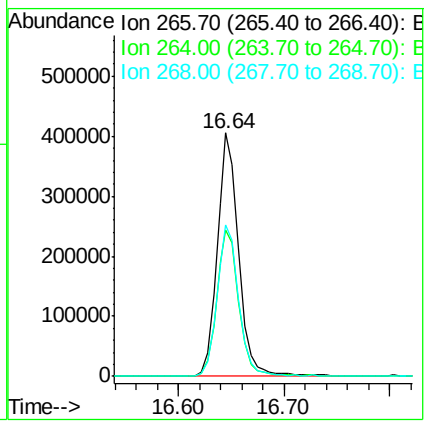




#68
Pentachlorophenol
Concen: 142.769 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:266 Resp: 573954

Ion	Ratio	Lower	Upper
266	100		
264	60.4	49.3	73.9
268	62.2	52.6	78.8



Instrument :
BNA_M
ClientSampleId :
F6A95DL2

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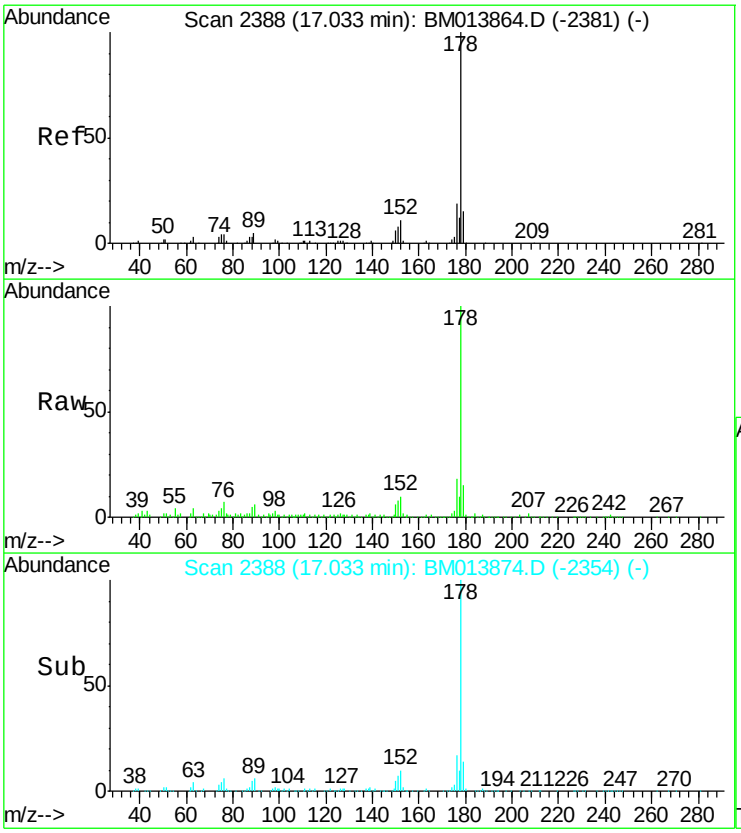
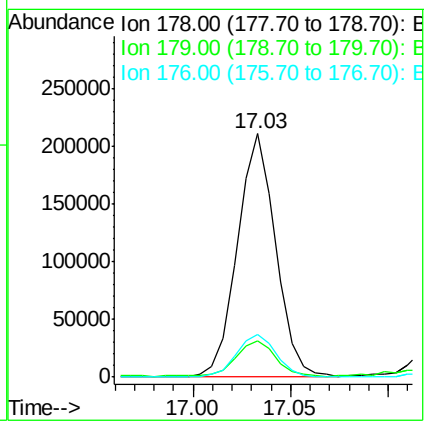
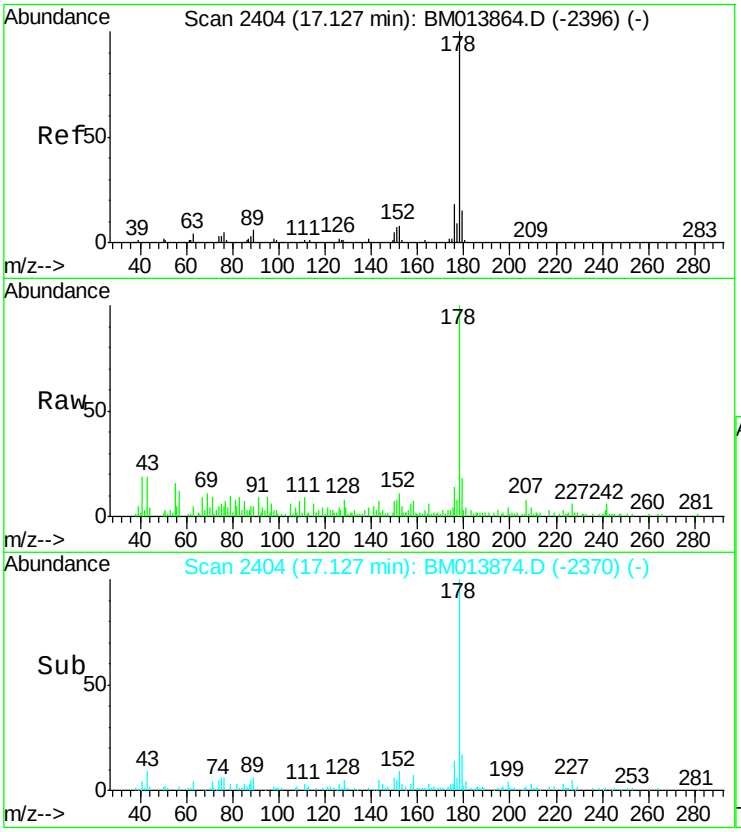


#69
Phenanthrene
Concen: 8.577 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:178 Resp: 283699

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	19.0
176	17.7	14.9	22.3

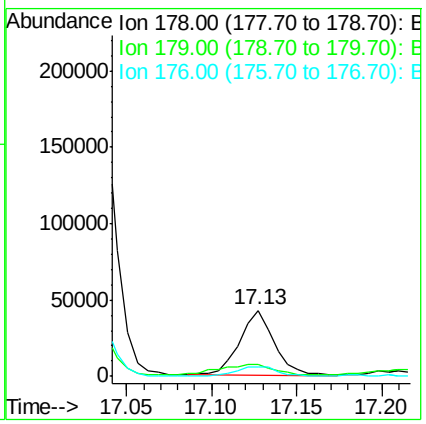




#71
Anthracene
Concen: 1.781 ng/ul m
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:178 Resp: 60750

Ion	Ratio	Lower	Upper
178	100		
179	18.2	11.7	17.5#
176	14.4	14.6	21.8#



Instrument :
BNA_M
ClientSampleId :
F6A95DL2

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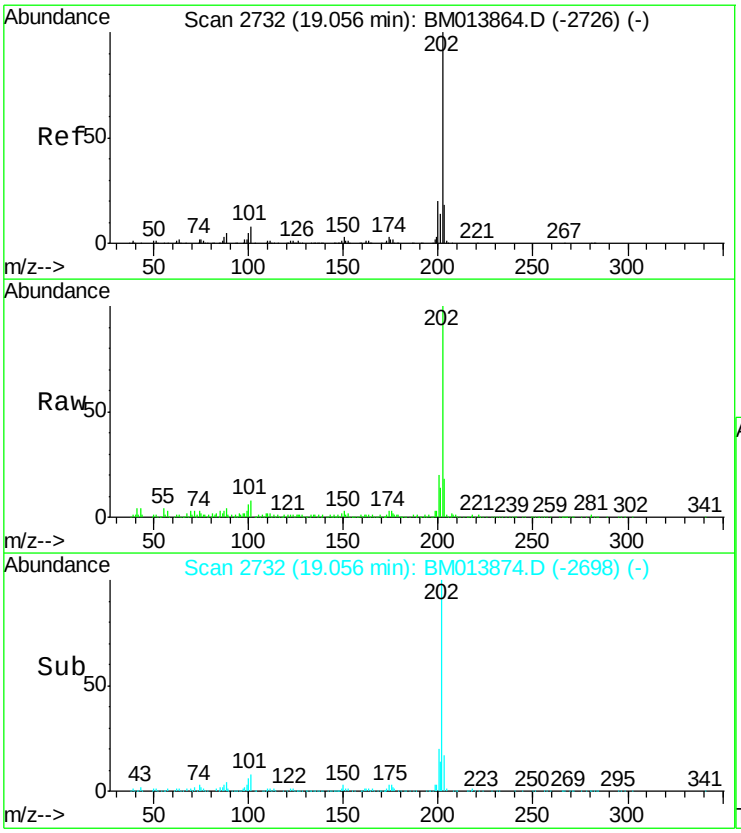
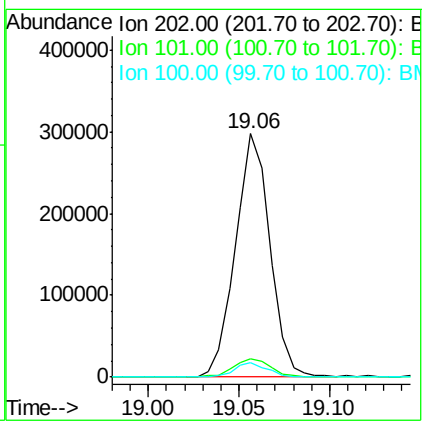
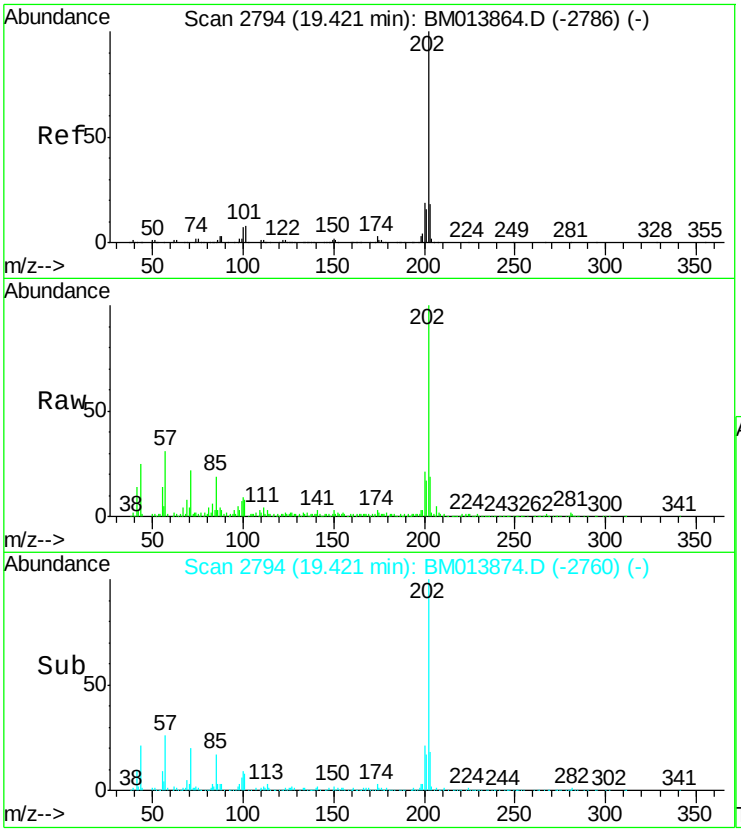


#74
Fluoranthene
Concen: 9.919 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. 0.00 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:202 Resp: 391654

Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.6	7.0#
100	6.2	3.4	5.2#





#77
Pyrene
Concen: 7.445 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:202 Resp: 290324

Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.1	7.7#
100	8.5	4.9	7.3#

Instrument :
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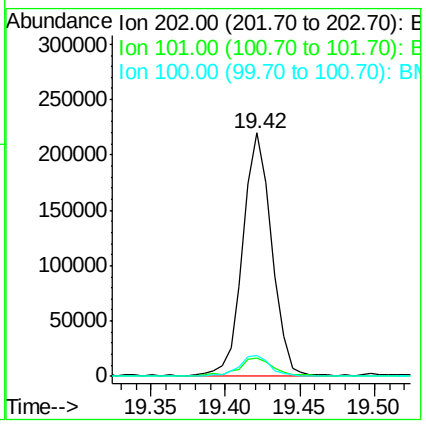
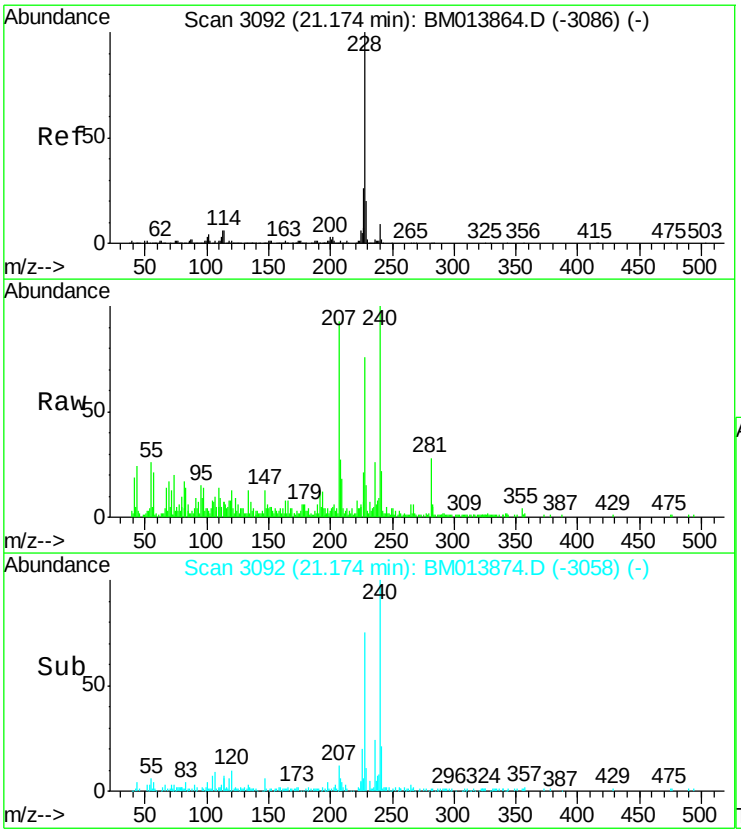
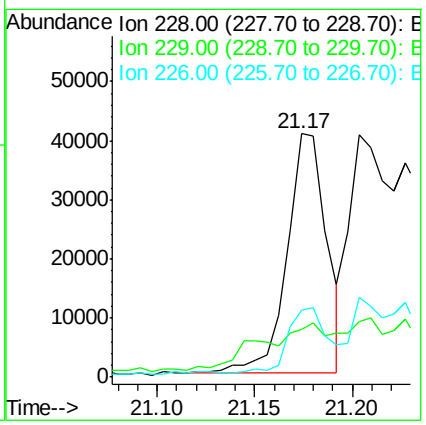


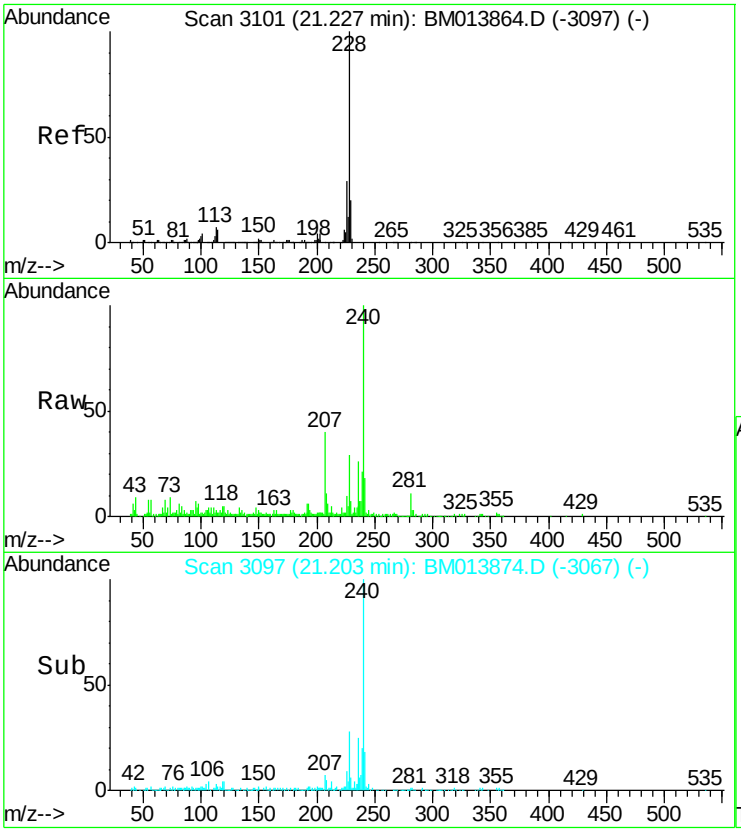


#80
Benzo(a)anthracene
Concen: 1.486 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:228 Resp: 57591

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.4	23.0
226	27.8	21.4	32.0

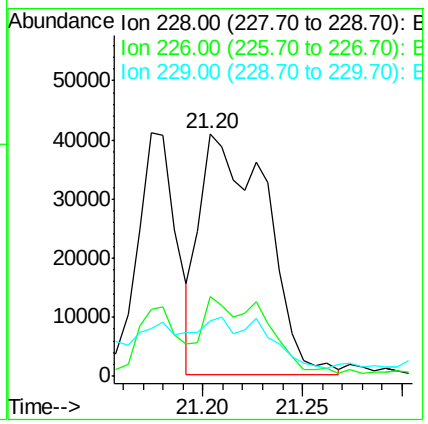




#82
Chrysene
Concen: 2.640 ng/ul m
RT: 21.20 min Scan# 3097
Delta R.T. -0.02 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:228 Resp: 93877

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.4	35.2
229	22.8	15.5	23.3



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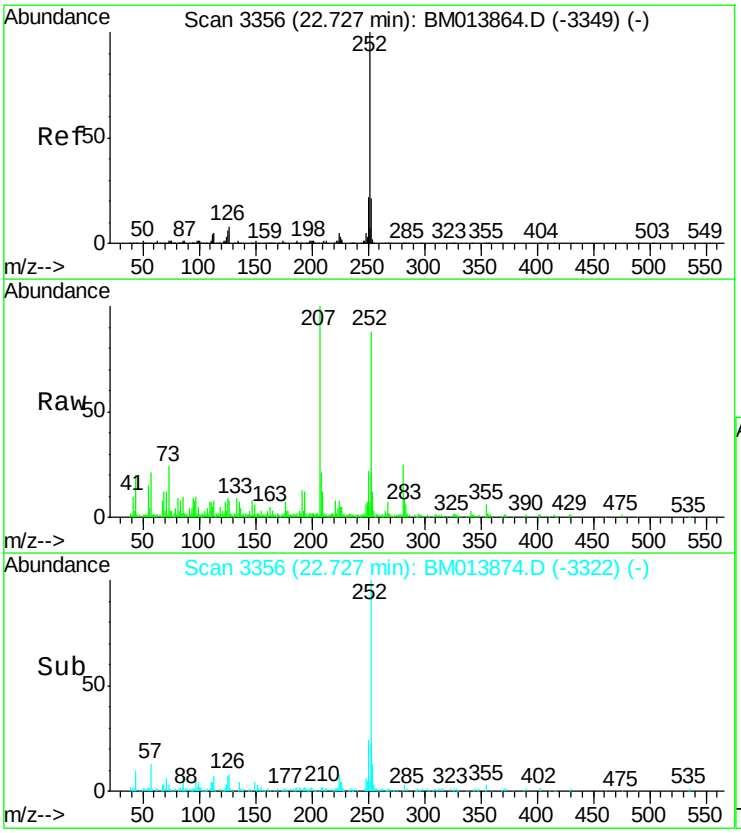
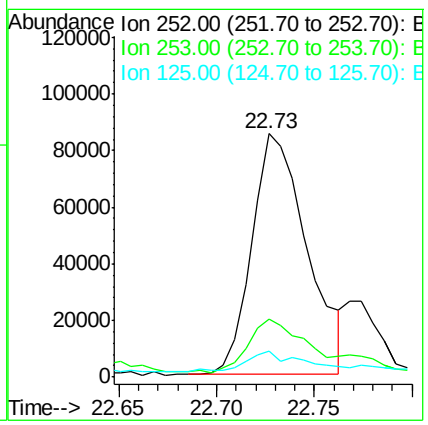
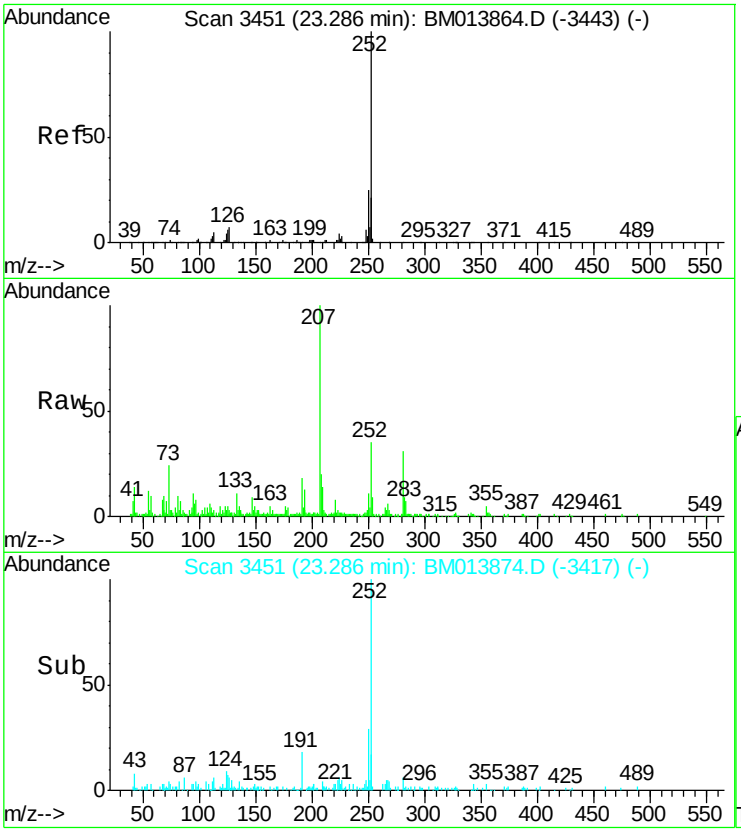


#85
Benzo(b)fluoranthene
Concen: 4.099 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:252 Resp: 167245

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	10.6	3.6	5.4#

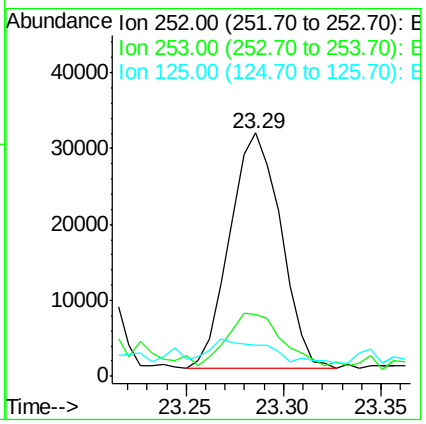




#88
Benzo(a)pyrene
Concen: 1.465 ng/ul
RT: 23.29 min Scan# 3451
Delta R.T. 0.00 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:252 Resp: 56469

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.2	27.2
125	13.0	4.0	6.0#



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