Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017343.D
Acq On : 25 Oct 2018 14:35
Operator : MJ/SJ
Sample : J5598-07DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD4DL

Manual Integrations APPROVED
Sohil
10/26/2018 3:48:33 PM

Quant Time: Oct 26 01:28:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 26 01:13:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	270652	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1283401	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	786277	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1873899	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2294488	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2436805	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	4123	0.70	ng/uL	0.00
5) Phenol-d5	6.84	99	81102	3.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	52861	3.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	65944	3.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	64515	3.30	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	33836	3.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	35645	3.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	63980	3.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	66959m	3.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	246925	3.66	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	296232	3.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	23965m	1.90	ng/ul	0.02
58) Fluorene-d10	15.29	176	223106	3.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	25034	1.92	ng/ul	0.00
71) Anthracene-d10	17.14	188	356236	3.84	ng/ul	0.00
79) Pyrene-d10	19.44	212	430802	4.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	513410	3.99	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	14.02	152	134168	1.746	ng/ul	98
70) Phenanthrene	17.09	178	264887	2.462	ng/ul	99
72) Anthracene	17.18	178	258023	2.361	ng/ul	99
77) Fluoranthene	19.11	202	1981587	16.065	ng/ul	99
80) Pyrene	19.47	202	2775211	20.829	ng/ul	98
83) Benzo(a)anthracene	21.23	228	1279369	9.112	ng/ul	97
85) Chrysene	21.28	228	1907432	14.286	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	4509777	31.617	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	1451231m	10.416	ng/ul	
91) Benzo(a)pyrene	23.36	252	1871419	13.430	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	1755490	10.354	ng/ul	96
93) Dibenzo(a,h)anthracene	25.66	278	438482	3.097	ng/ul#	83
94) Benzo(g,h,i)perylene	26.34	276	1381258	9.590	ng/ul	99

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

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Data File : BM017343.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 26 01:13:26 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations APPROVED
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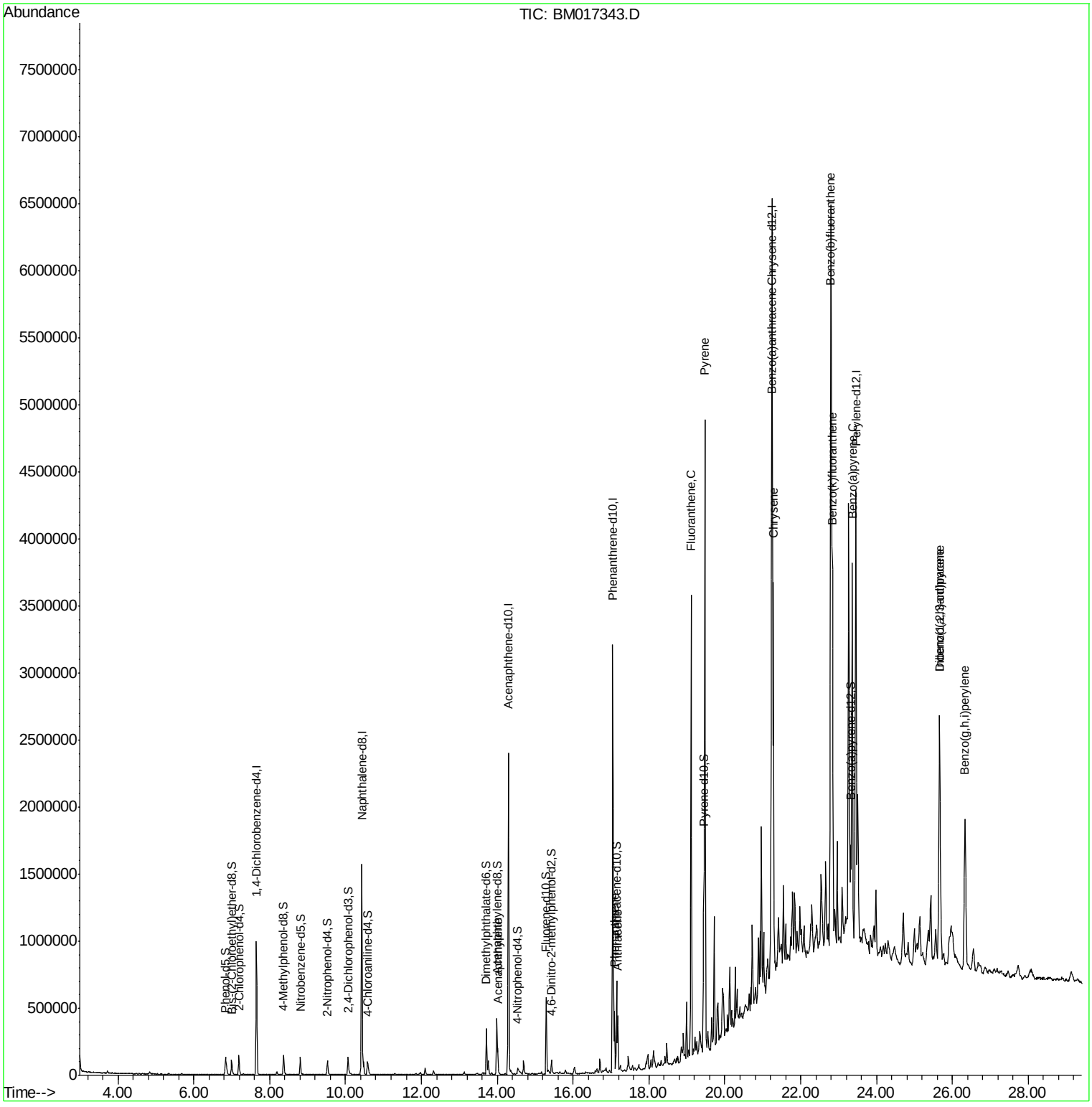
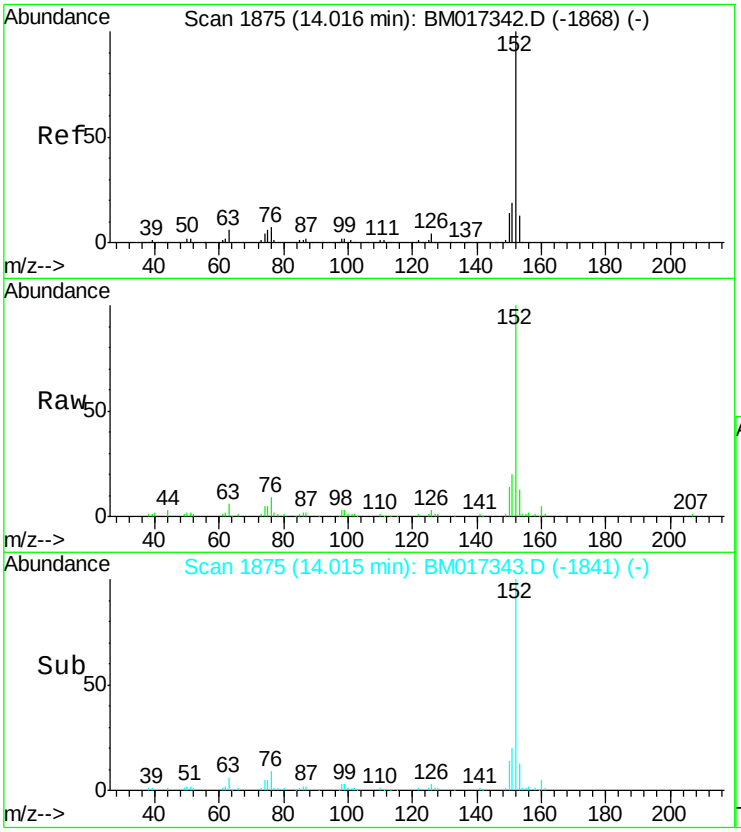
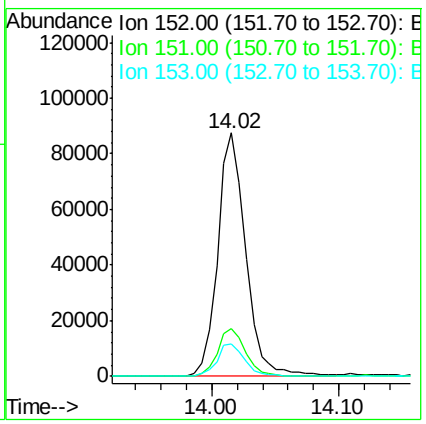




#48
Acenaphthylene
Concen: 1.746 ng/ul
RT: 14.02 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BM017343.D
Acq: 25 Oct 2018 14:35

Tgt Ion:152 Resp: 134168

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.3	22.9
153	13.5	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations APPROVED
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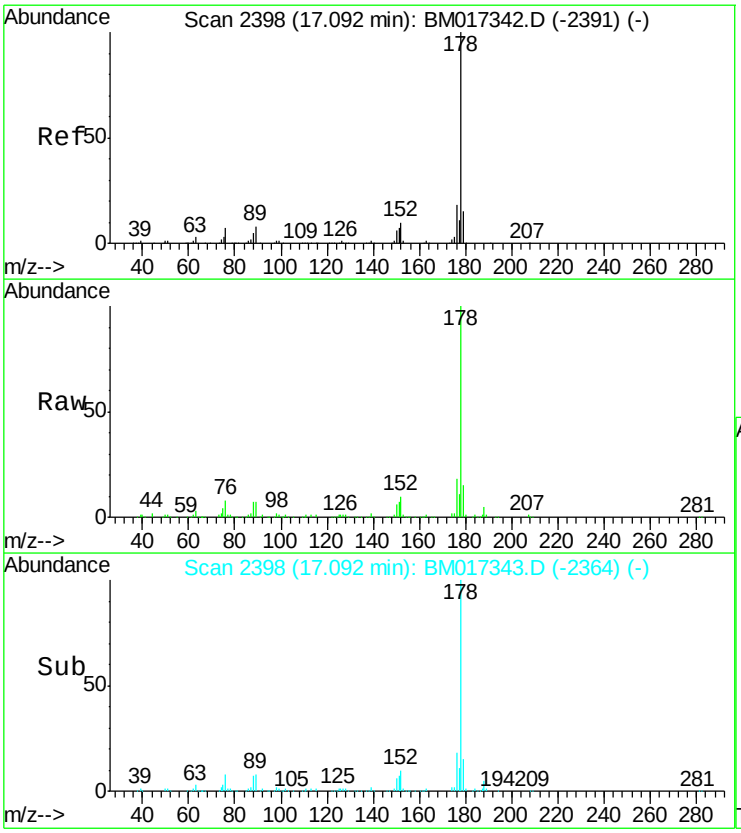
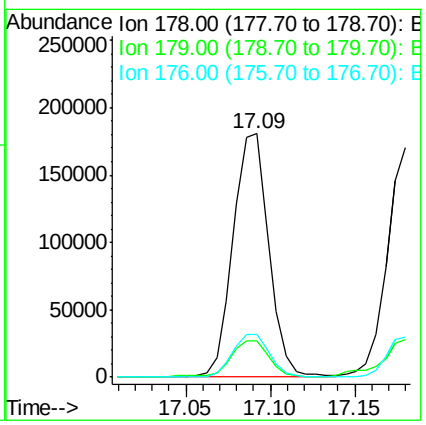
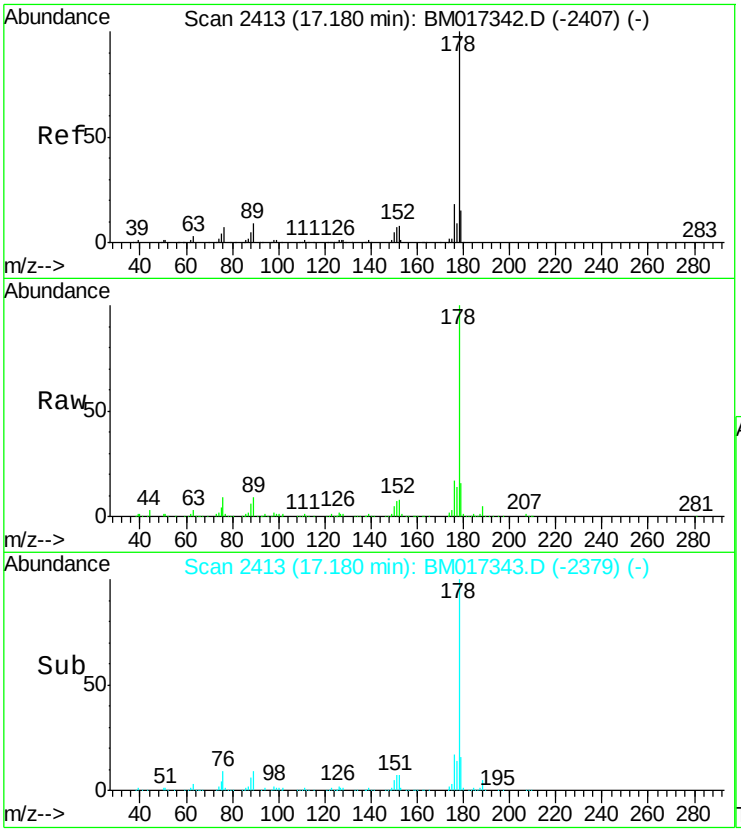


#70
Phenanthrene
Concen: 2.462 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM017343.D
Acq: 25 Oct 2018 14:35

Tgt Ion:178 Resp: 264887

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	17.8	14.9	22.3

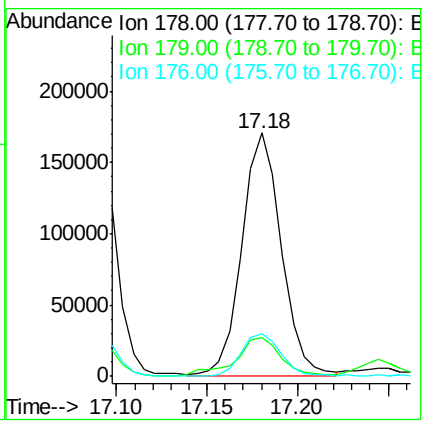




#72
Anthracene
Concen: 2.361 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM017343.D
Acq: 25 Oct 2018 14:35

Tgt Ion:178 Resp: 258023

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.2
176	17.4	14.2	21.2



Instrument :
BNA_M
ClientSampleId :
C0AD4DL

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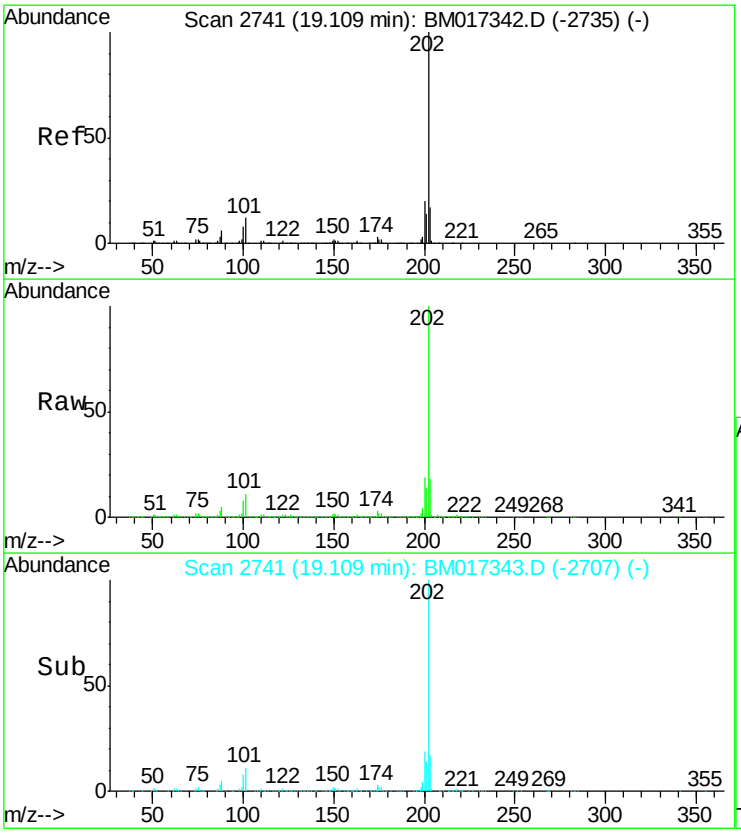
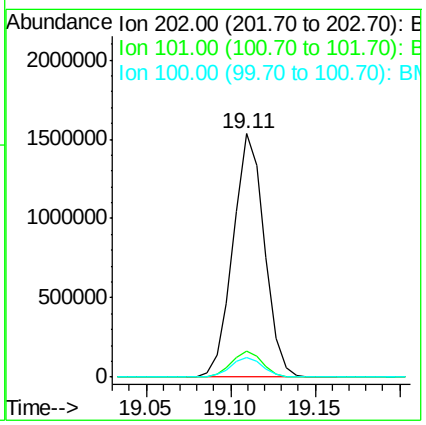
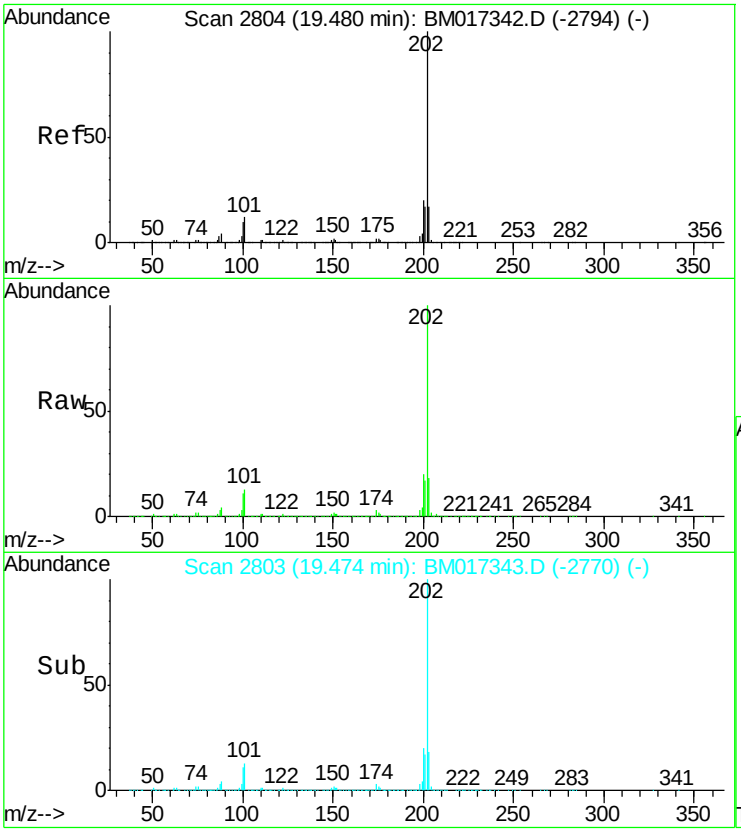


#77
Fluoranthene
Concen: 16.065 ng/ul
RT: 19.11 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BM017343.D
Acq: 25 Oct 2018 14:35

Tgt Ion:202 Resp: 1981587

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.2	12.4
100	8.3	6.3	9.5

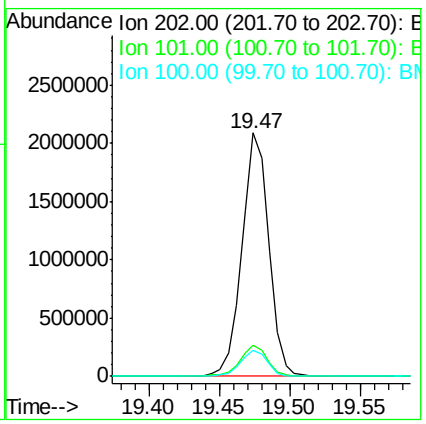




#80
Pyrene
Concen: 20.829 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM017343.D
Acq: 25 Oct 2018 14:35

Tgt Ion:202 Resp: 2775211

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.5	14.3
100	10.6	8.1	12.1



Instrument :
BNA_M
ClientSampleId :
C0AD4DL

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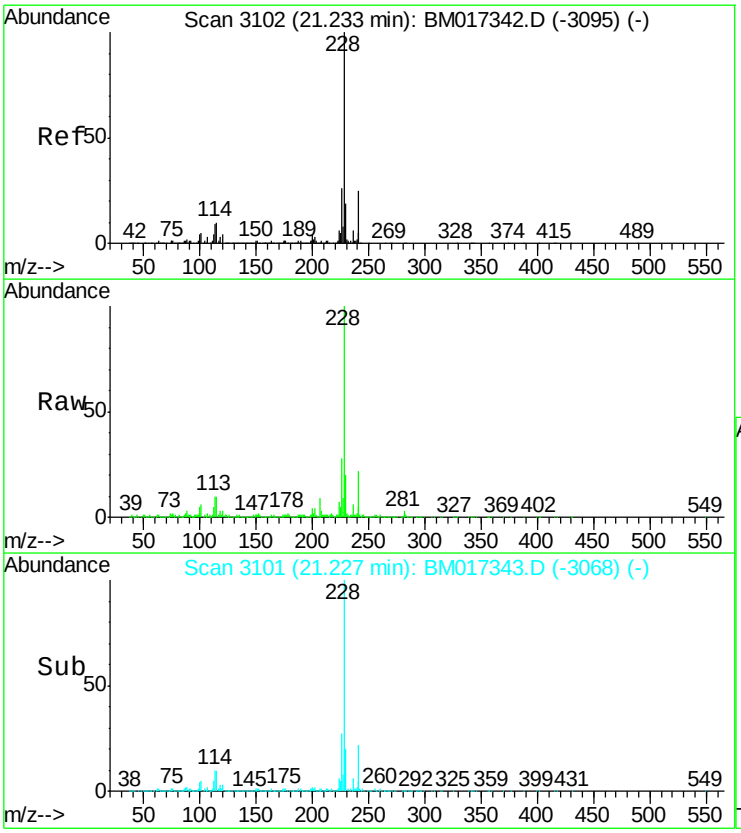
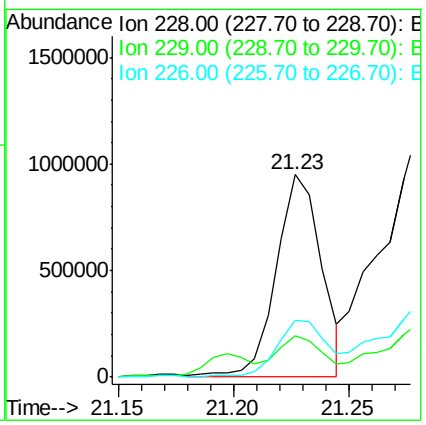
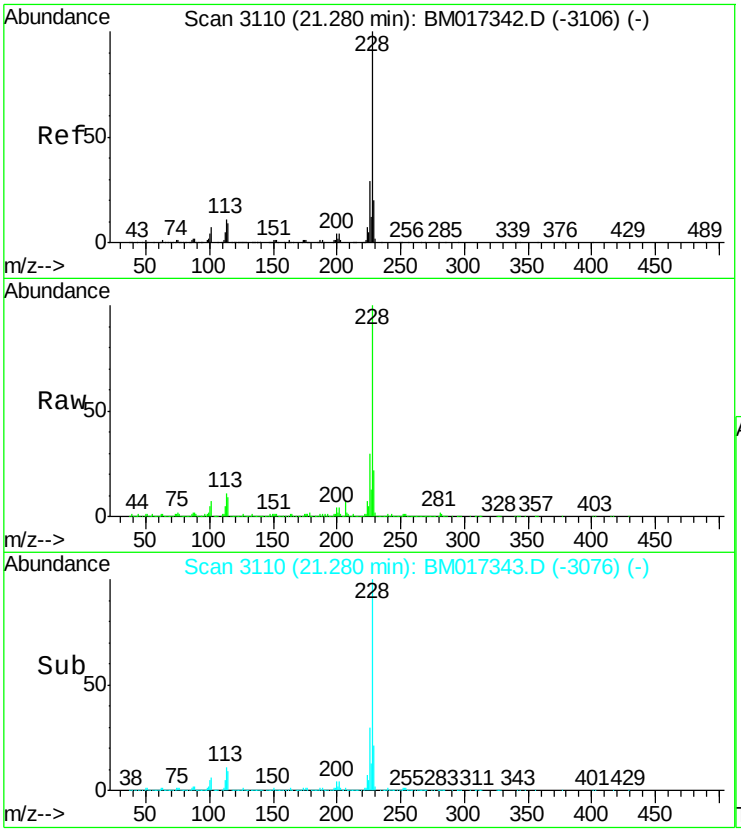


#83
Benzo(a)anthracene
Concen: 9.112 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM017343.D
Acq: 25 Oct 2018 14:35

Tgt Ion:228 Resp: 1279369

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	27.9	20.8	31.2

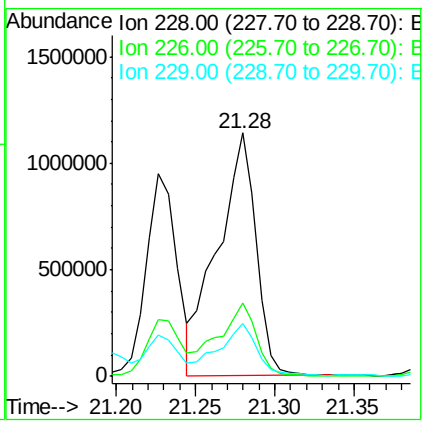




#85
Chrysene
Concen: 14.286 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM017343.D
Acq: 25 Oct 2018 14:35

Tgt Ion:228 Resp: 1907432

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	21.5	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations APPROVED
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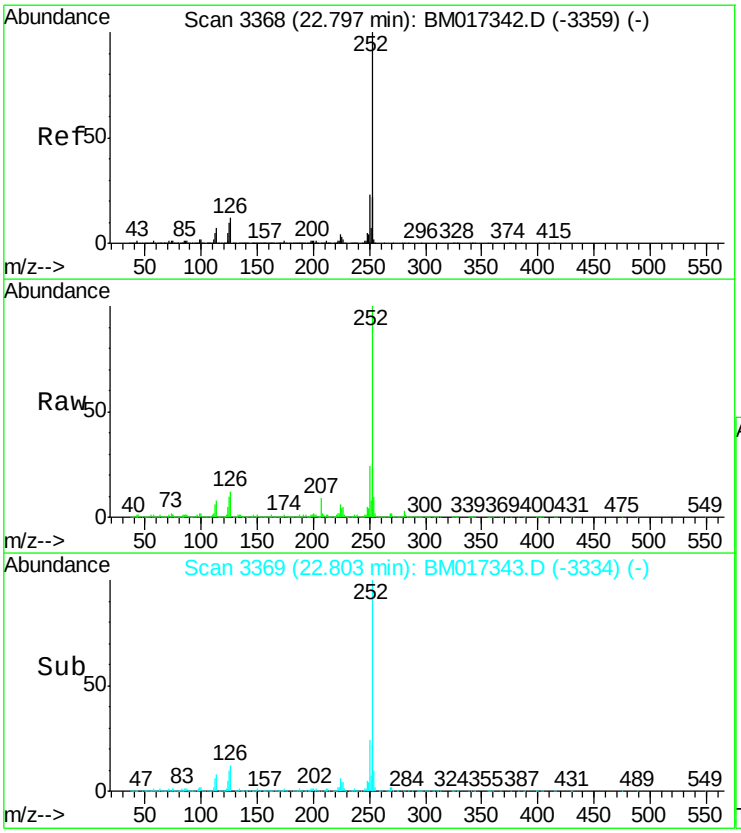
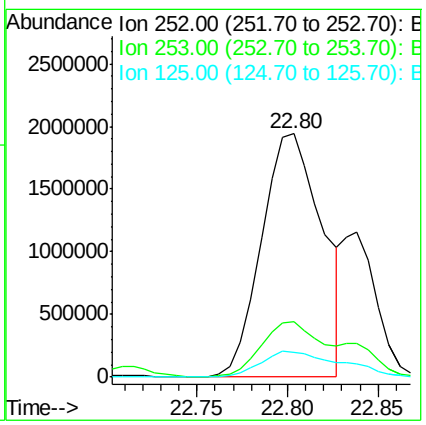
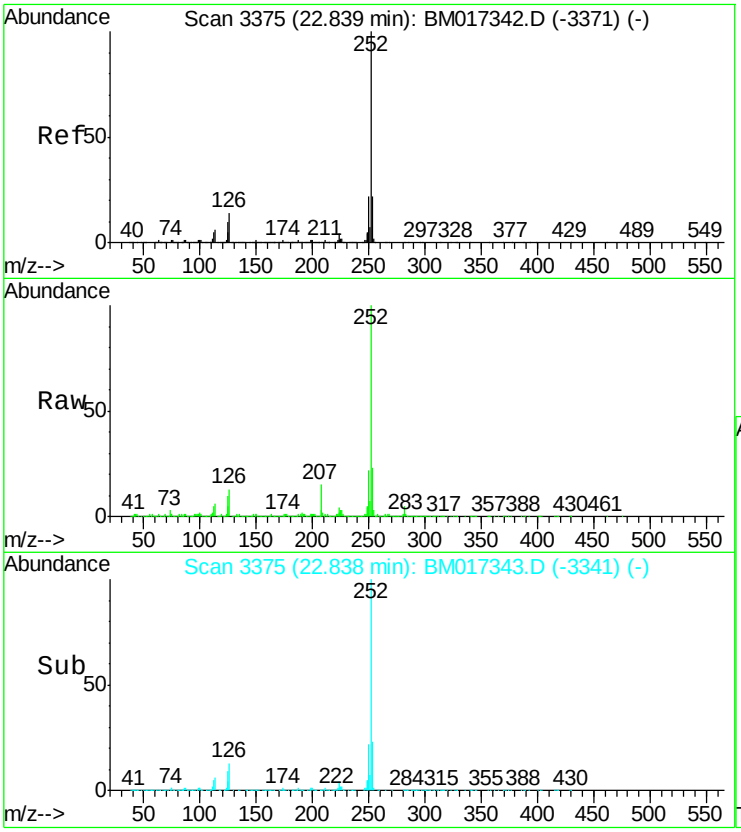


#88
Benzo(b)fluoranthene
Concen: 31.617 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM017343.D
Acq: 25 Oct 2018 14:35

Tgt Ion:252 Resp: 4509777

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	10.3	7.2	10.8

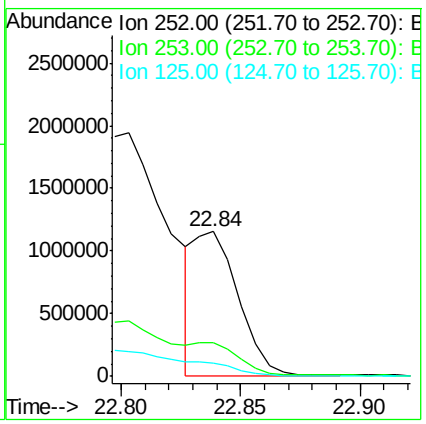




#89
Benzo(k)fluoranthene
Concen: 10.416 ng/ul m
RT: 22.84 min Scan# 3375
Delta R.T. -0.00 min
Lab File: BM017343.D
Acq: 25 Oct 2018 14:35

Tgt Ion:252 Resp: 1451231

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	9.6	7.8	11.6



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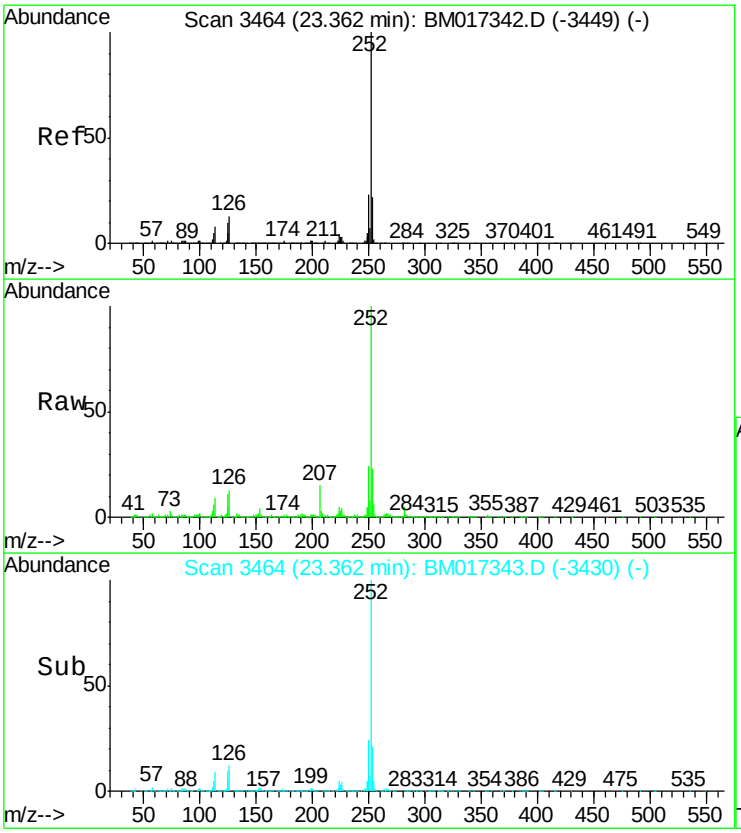
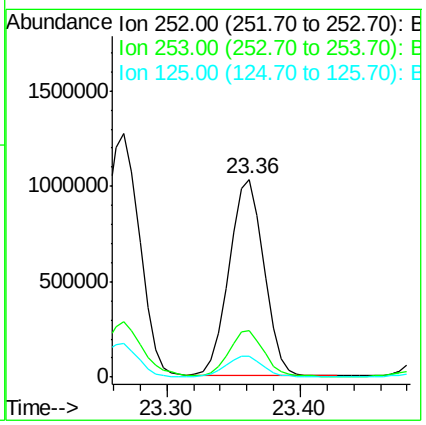
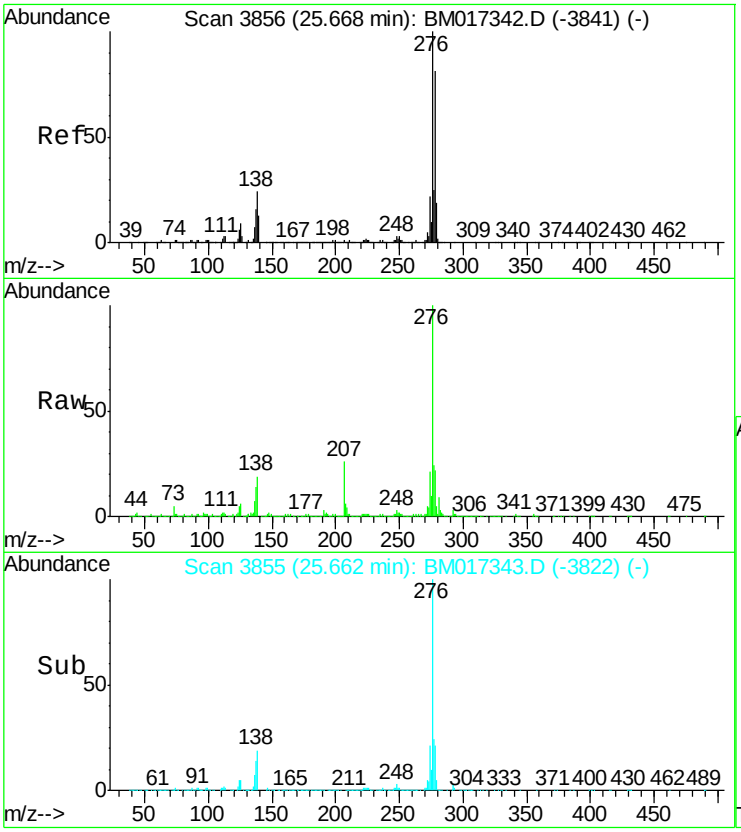


#91
Benzo(a)pyrene
Concen: 13.430 ng/ul
RT: 23.36 min Scan# 3464
Delta R.T. -0.00 min
Lab File: BM017343.D
Acq: 25 Oct 2018 14:35

Tgt Ion:252 Resp: 1871419

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	10.6	8.3	12.5

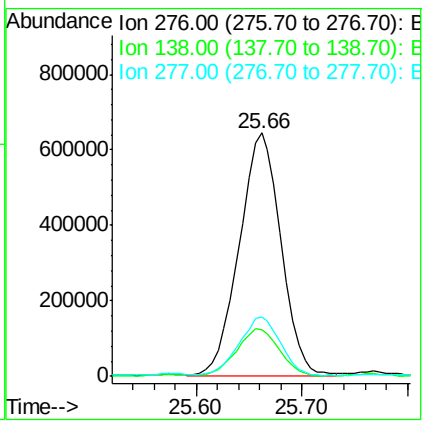




#92
Indeno(1,2,3-cd)pyrene
Concen: 10.354 ng/ul
RT: 25.66 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BM017343.D
Acq: 25 Oct 2018 14:35

Tgt Ion:276 Resp: 1755490

Ion	Ratio	Lower	Upper
276	100		
138	18.9	18.1	27.1
277	24.3	19.6	29.4



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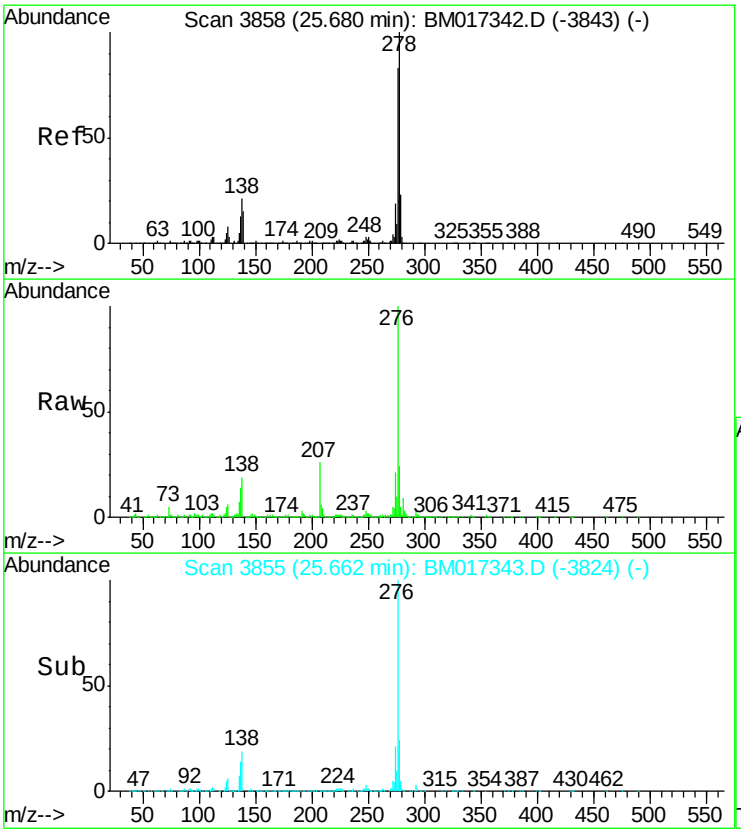
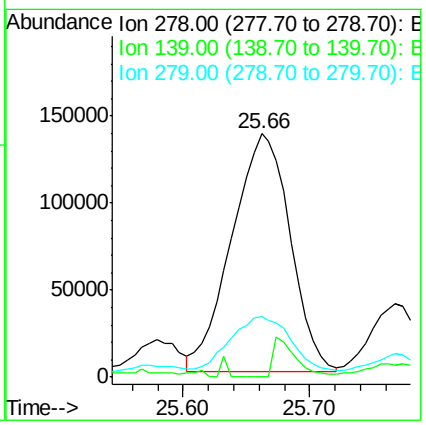
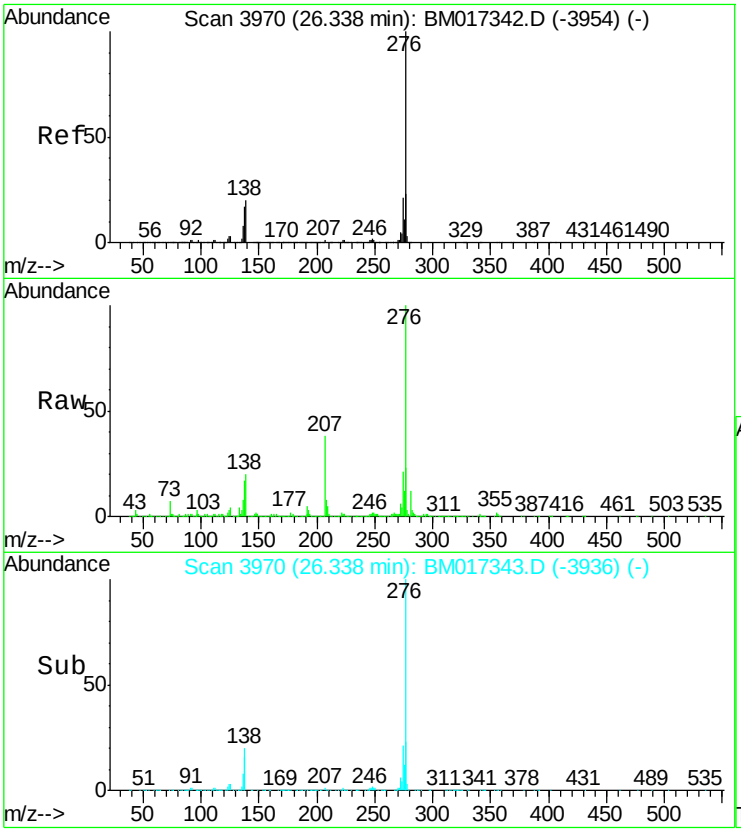


#93
Dibenzo(a,h)anthracene
Concen: 3.097 ng/ul
RT: 25.66 min Scan# 3855
Delta R.T. -0.02 min
Lab File: BM017343.D
Acq: 25 Oct 2018 14:35

Tgt Ion:278 Resp: 438482

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	25.0	19.0	28.4

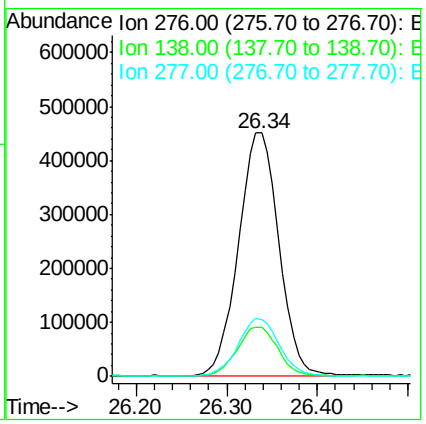




#94
Benzo(g,h,i)perylene
Concen: 9.590 ng/ul
RT: 26.34 min Scan# 3970
Delta R.T. -0.00 min
Lab File: BM017343.D
Acq: 25 Oct 2018 14:35

Tgt Ion:276 Resp: 1381258

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.6	25.0
277	23.3	18.9	28.3



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