Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005676.D
Acq On : 06 Jun 2016 18:59
Operator : UM/SJ
Sample : H3412-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XS4

Manual Integrations APPROVED
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Quant Time: Jun 07 04:56:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	103362	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	444915	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	229314	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	474993	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	484456	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	499930	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.22	96	3065	1.25	ng/uL	0.00
3) Phenol-d5	6.94	99	121959	13.42	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	79229	14.33	ng/ul	0.00
5) 2-Chlorophenol-d4	7.30	132	103289	13.78	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	63617	8.85	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	48324	14.14	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	50965	13.94	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	88235	13.58	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	58091	7.52	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	268044	15.20	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	343090	14.96	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	28247	11.19	ng/ul	0.00
21) Fluorene-d10	15.39	176	236318	15.61	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	18120	8.10	ng/ul	0.00
26) Anthracene-d10	17.24	188	338637	15.01	ng/ul	0.00
30) Pyrene-d10	19.54	212	364758	14.98	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	345445	15.02	ng/ul	0.00
Target Compounds						Qvalue
18) Acenaphthylene	14.12	152	34646	1.46	ng/ul	97
25) Phenanthrene	17.19	178	86155	3.29	ng/ul	98
27) Anthracene	17.28	178	35717	1.34	ng/ul	99
28) Fluoranthene	19.20	202	209104	7.80	ng/ul	98
31) Pyrene	19.57	202	194490	6.36	ng/ul	98
32) Benzo(a)anthracene	21.31	228	121069	4.26	ng/ul	95
33) Chrysene	21.36	228	149340	5.56	ng/ul	96
35) Benzo(b)fluoranthene	22.91	252	286191	9.49	ng/ul	97
36) Benzo(k)fluoranthene	22.94	252	74677m	2.64	ng/ul	
38) Benzo(a)pyrene	23.49	252	158496	5.46	ng/ul#	94
39) Indeno(1,2,3-cd)pyrene	25.87	276	150267	4.38	ng/ul	96
40) Dibenzo(a,h)anthracene	25.87	278	51440m	1.79	ng/ul	
41) Benzo(g,h,i)perylene	26.57	276	146626	5.09	ng/ul#	93

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

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9XS4

Manual Integrations APPROVED
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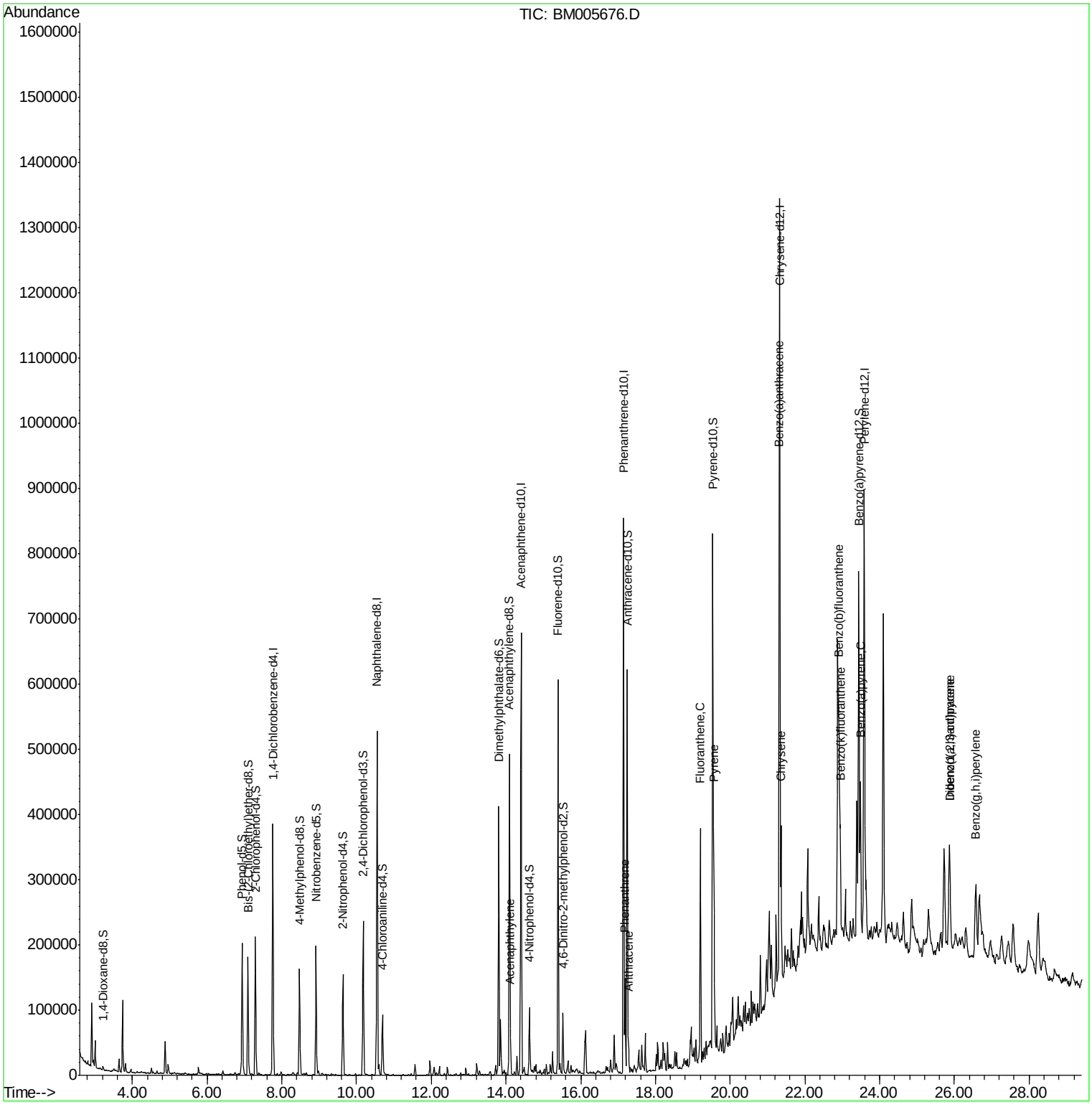
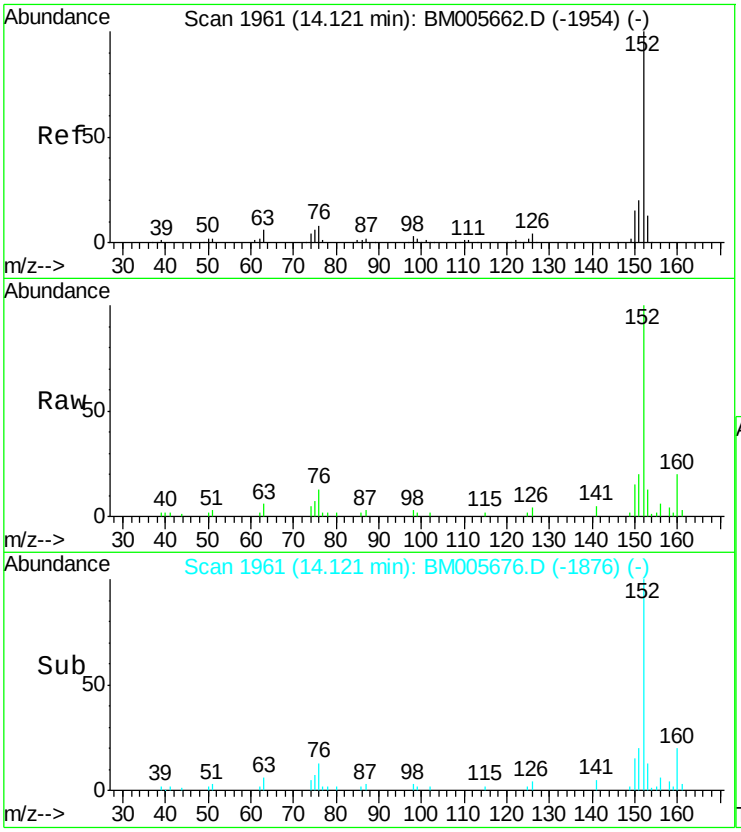
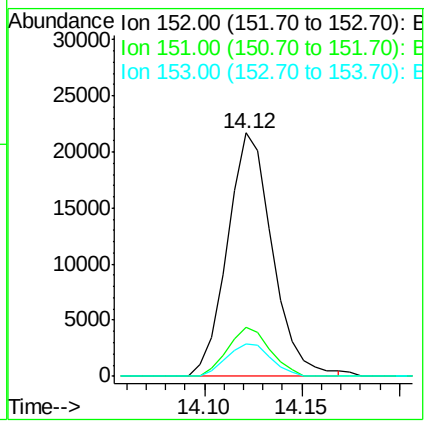




#18
Acenaphthylene
Concen: 1.46 ng/ul
RT: 14.12 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM005676.D
Acq: 06 Jun 2016 18:59

Tgt Ion:152 Resp: 34646

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.3	25.9
153	13.4	11.1	16.7



Instrument :
BNA_M
ClientSampleId :
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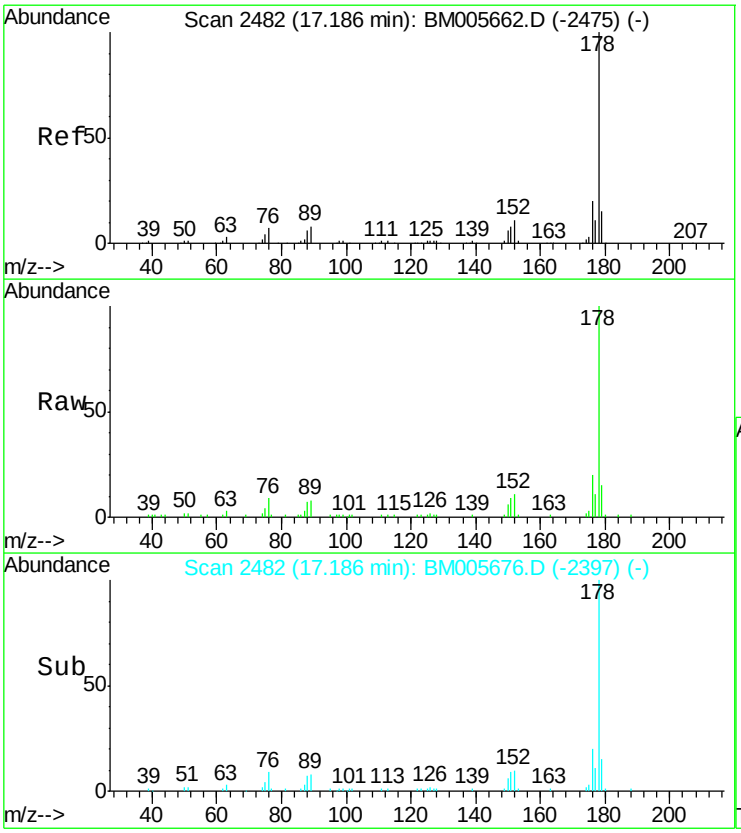
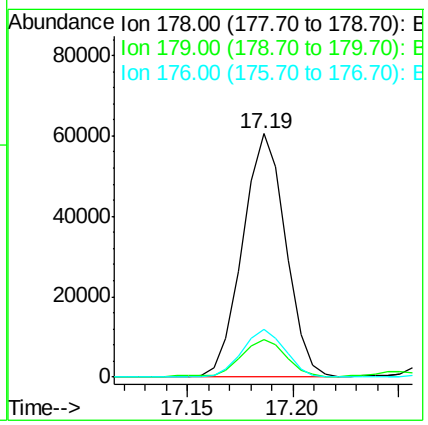
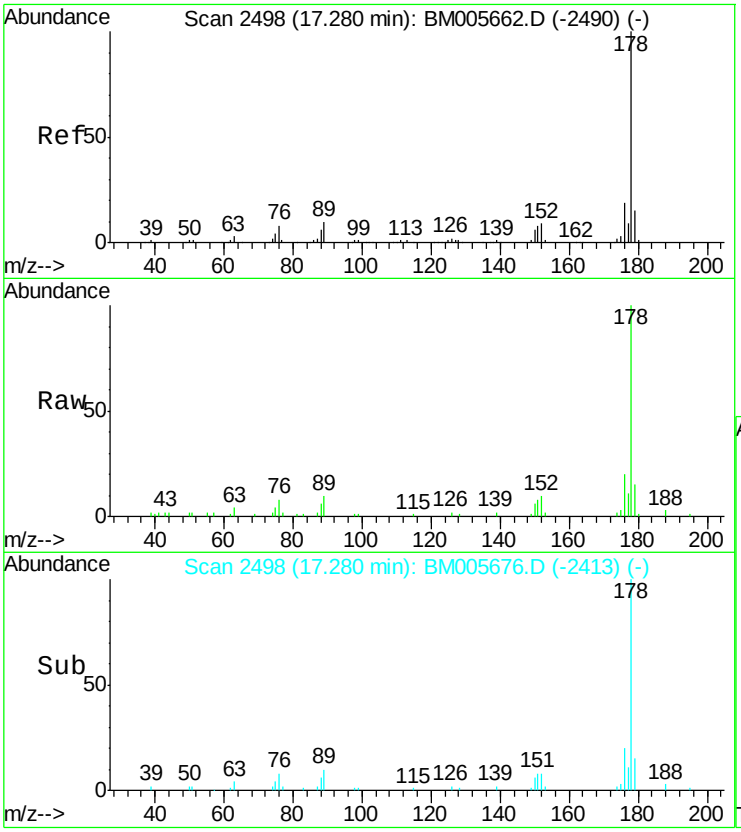


#25
Phenanthrene
Concen: 3.29 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM005676.D
Acq: 06 Jun 2016 18:59

Tgt Ion:178 Resp: 86155

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	19.8	14.8	22.2

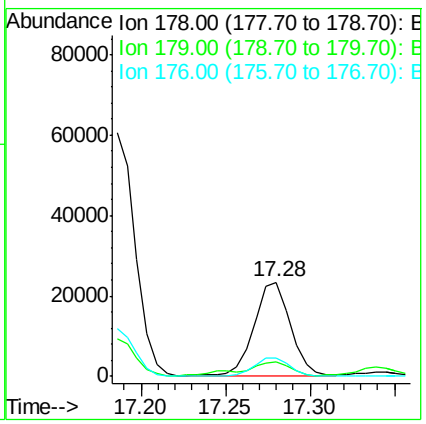




#27
Anthracene
Concen: 1.34 ng/ul
RT: 17.28 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BM005676.D
Acq: 06 Jun 2016 18:59

Tgt Ion:178 Resp: 35717

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	19.8	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
D9XS4

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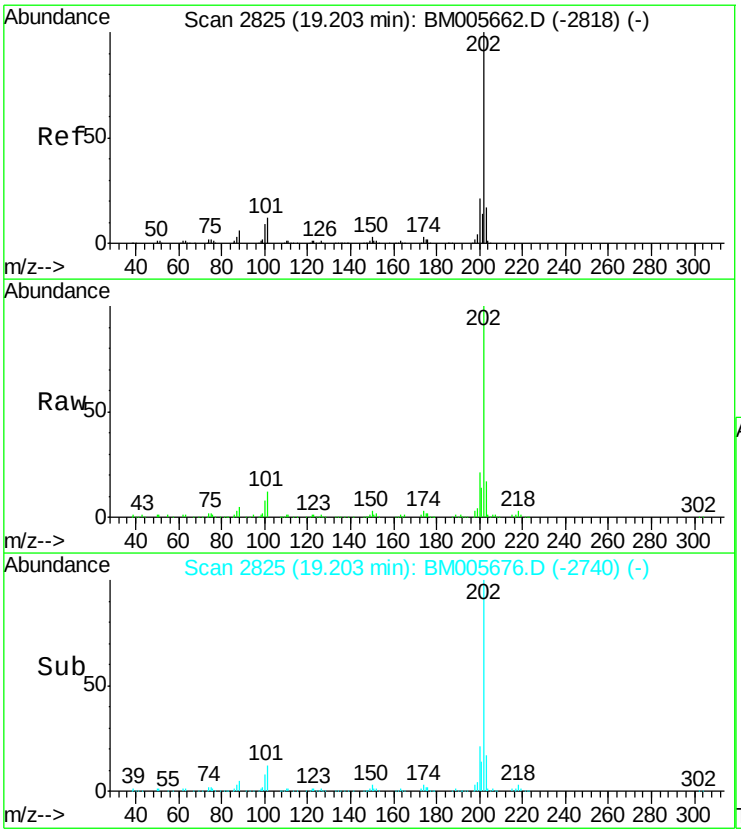
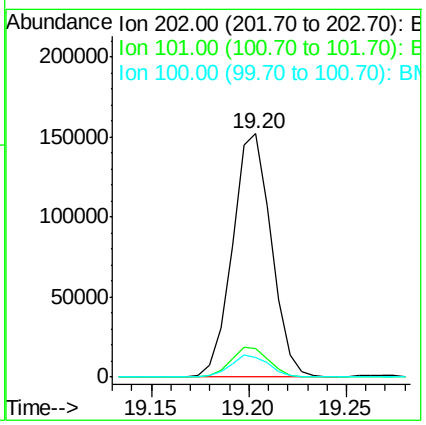
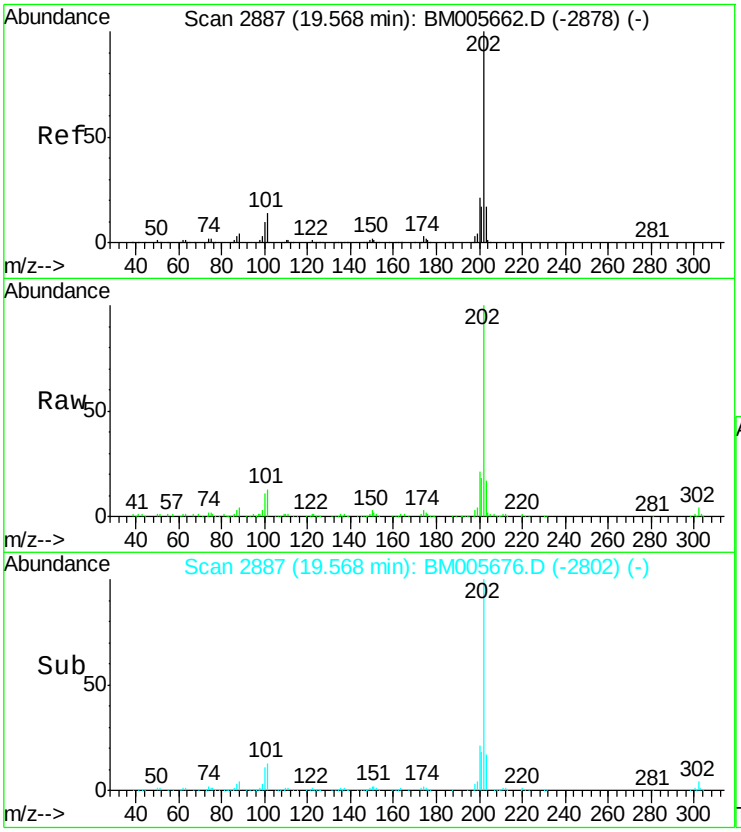


#28
Fluoranthene
Concen: 7.80 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM005676.D
Acq: 06 Jun 2016 18:59

Tgt Ion:202 Resp: 209104

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.9	13.3
100	8.3	7.0	10.4

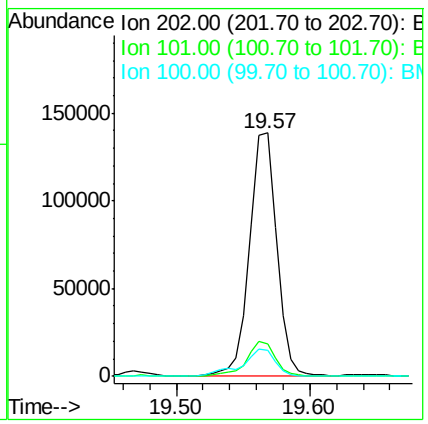




#31
Pyrene
Concen: 6.36 ng/ul
RT: 19.57 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM005676.D
Acq: 06 Jun 2016 18:59

Tgt Ion:202 Resp: 194490

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.8	14.8
100	10.5	9.3	13.9



Instrument :
BNA_M
ClientSampleId :
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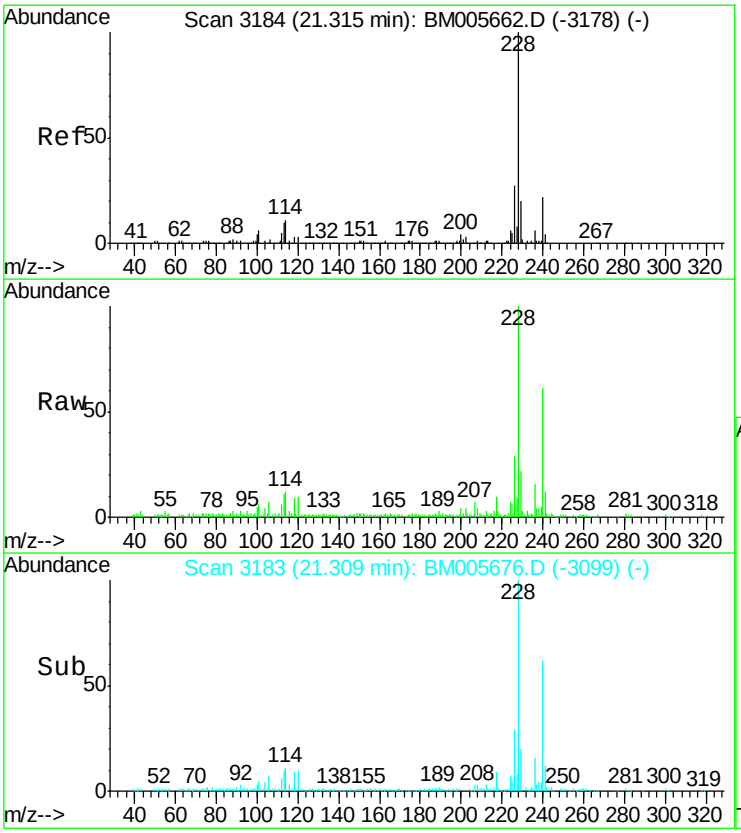
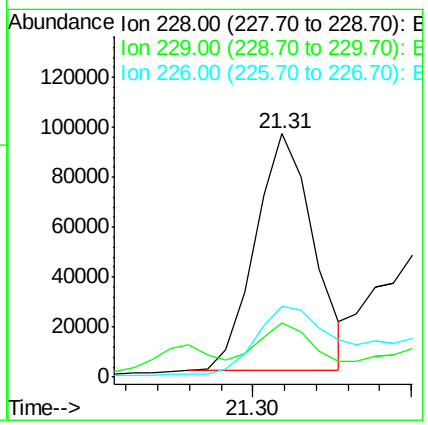
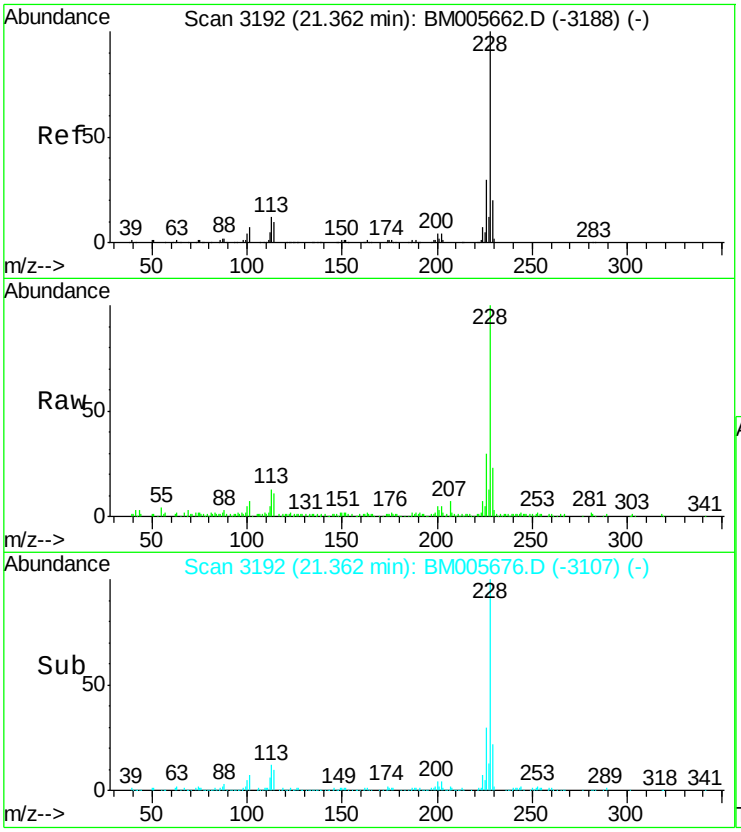


#32
Benzo(a)anthracene
Concen: 4.26 ng/ul
RT: 21.31 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BM005676.D
Acq: 06 Jun 2016 18:59

Tgt Ion:228 Resp: 121069

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.6	25.0
226	29.3	21.0	31.4

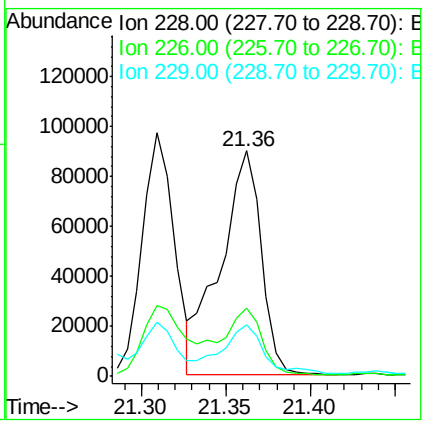




#33
Chrysene
Concen: 5.56 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BM005676.D
Acq: 06 Jun 2016 18:59

Tgt Ion:228 Resp: 149340

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	22.9	16.2	24.2



Instrument :
BNA_M
ClientSampleId :
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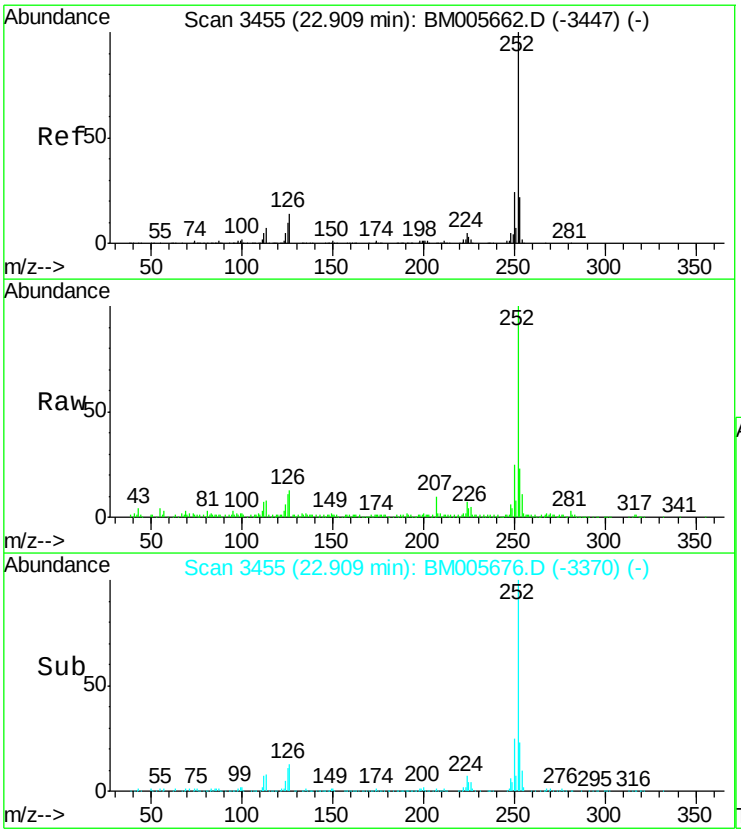
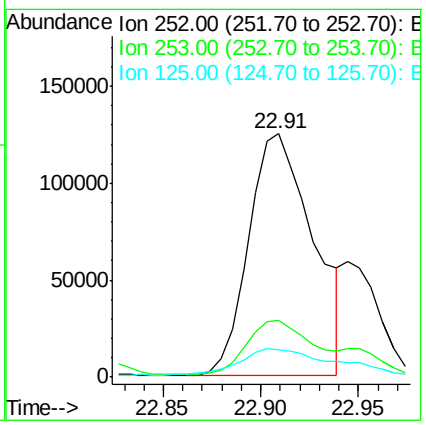
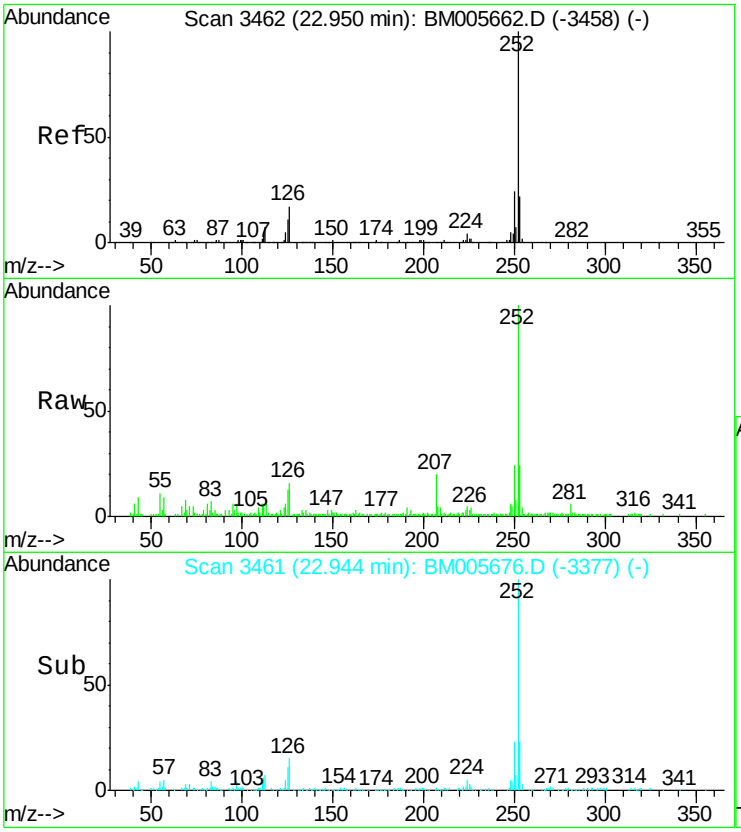


#35
Benzo(b)fluoranthene
Concen: 9.49 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. 0.00 min
Lab File: BM005676.D
Acq: 06 Jun 2016 18:59

Tgt Ion:252 Resp: 286191

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	11.2	7.6	11.4

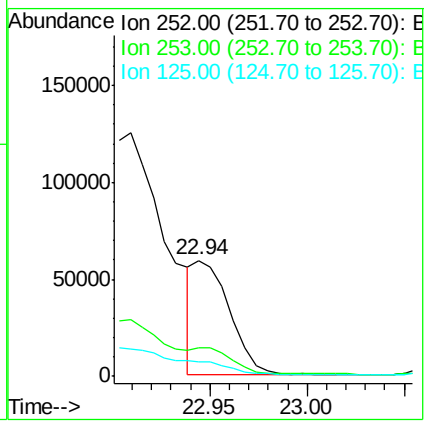




#36
Benzo(k)fluoranthene
Concen: 2.64 ng/ul m
RT: 22.94 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM005676.D
Acq: 06 Jun 2016 18:59

Tgt Ion:252 Resp: 74677

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	12.9	7.7	11.5#



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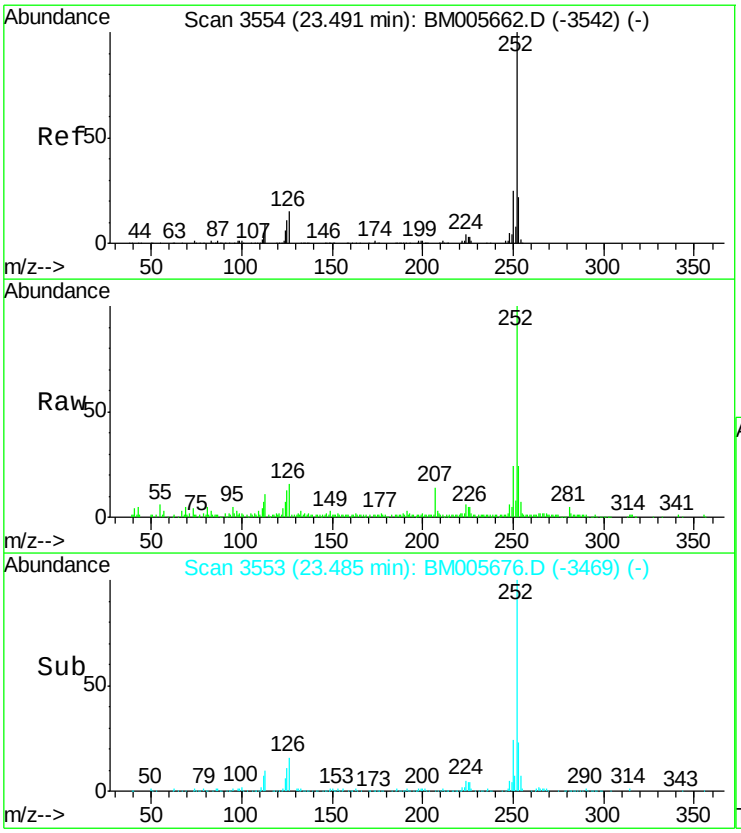
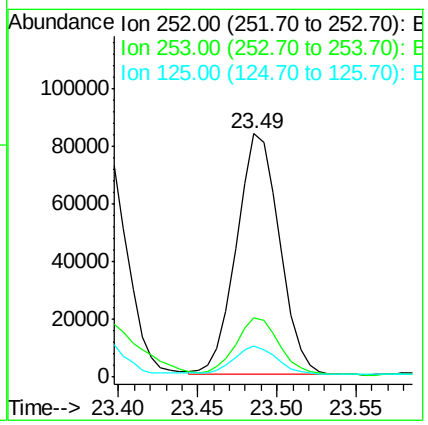
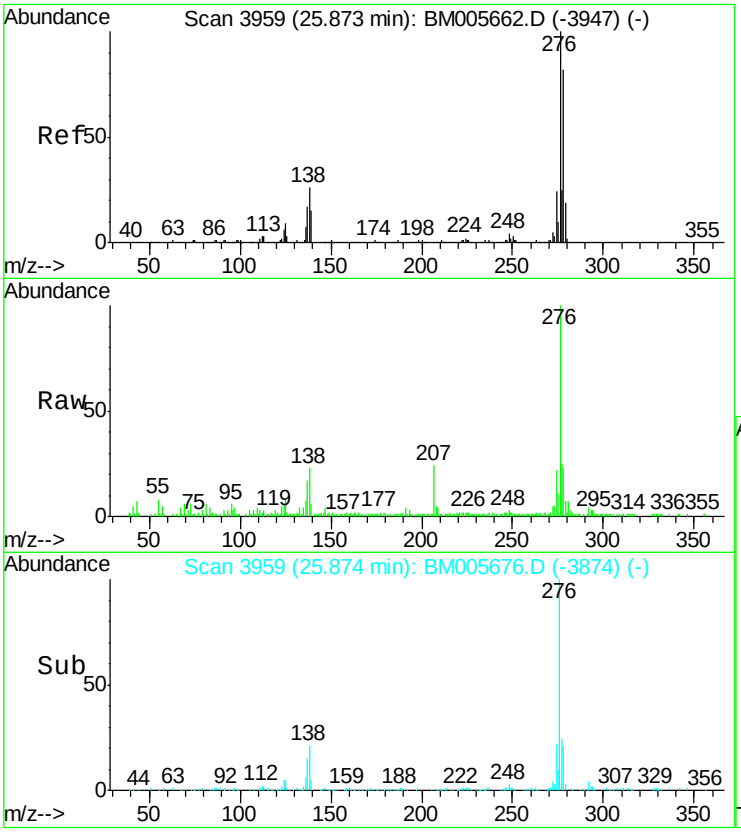


#38
Benzo(a)pyrene
Concen: 5.46 ng/ul
RT: 23.49 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BM005676.D
Acq: 06 Jun 2016 18:59

Tgt Ion:252 Resp: 158496

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	12.6	8.2	12.2#

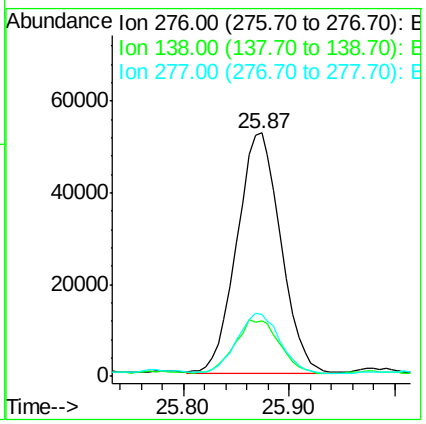




#39
Indeno(1,2,3-cd)pyrene
Concen: 4.38 ng/ul
RT: 25.87 min Scan# 3959
Delta R.T. 0.00 min
Lab File: BM005676.D
Acq: 06 Jun 2016 18:59

Tgt Ion:276 Resp: 150267

Ion	Ratio	Lower	Upper
276	100		
138	22.6	15.8	23.6
277	25.3	19.0	28.6



Instrument :
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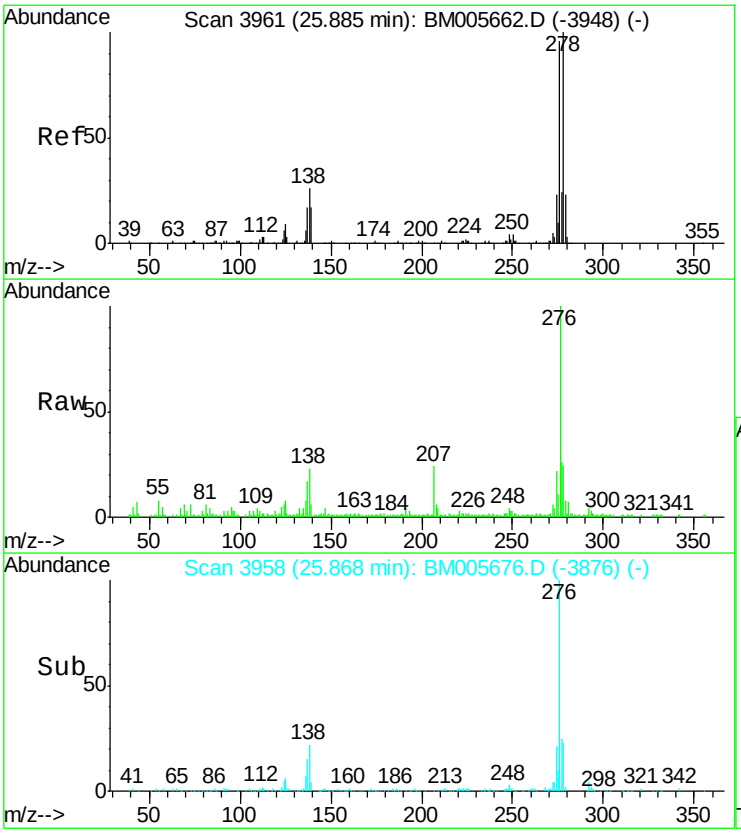
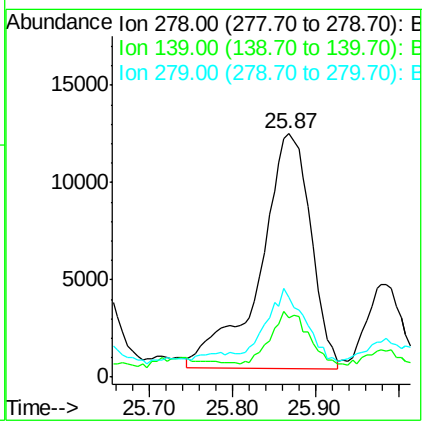
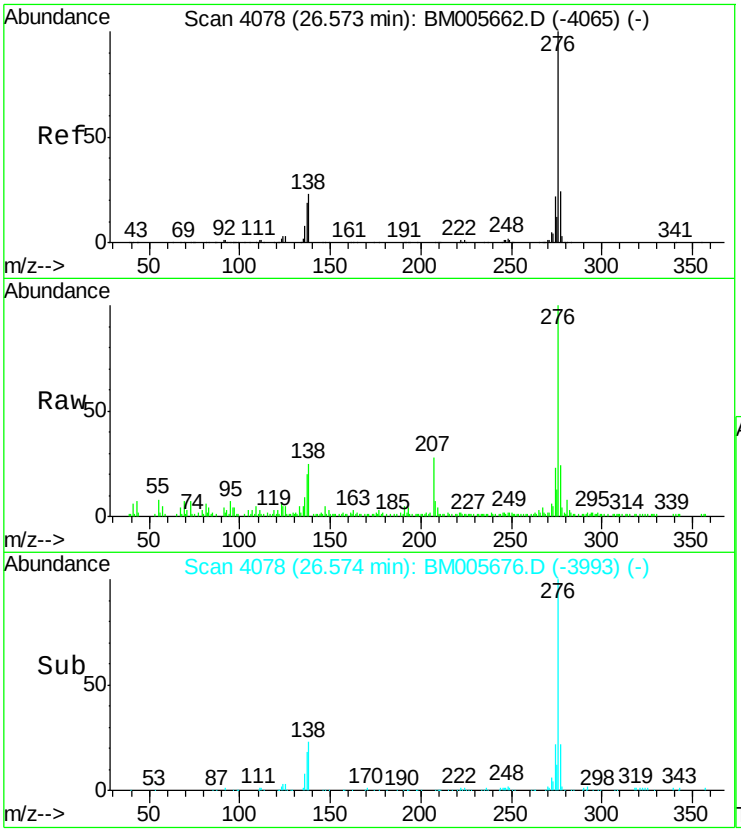


#40
Dibenzo(a,h)anthracene
Concen: 1.79 ng/ul m
RT: 25.87 min Scan# 3958
Delta R.T. -0.02 min
Lab File: BM005676.D
Acq: 06 Jun 2016 18:59

Tgt Ion:278 Resp: 51440

Ion	Ratio	Lower	Upper
278	100		
139	24.5	12.1	18.1#
279	32.9	19.8	29.8#

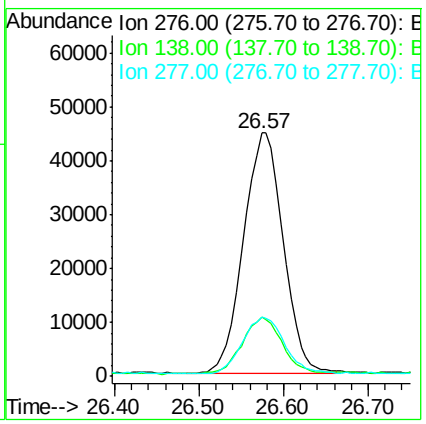




#41
Benzo(g,h,i)perylene
Concen: 5.09 ng/ul
RT: 26.57 min Scan# 4078
Delta R.T. 0.00 min
Lab File: BM005676.D
Acq: 06 Jun 2016 18:59

Tgt Ion:276 Resp: 146626

Ion	Ratio	Lower	Upper
276	100		
138	24.5	13.9	20.9#
277	24.2	19.8	29.6



Instrument :
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