Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007836.D
Acq On : 11 Nov 2016 21:20
Operator : UM/SJ
Sample : H5610-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD4L8

Quant Time: Nov 12 03:16:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 12 03:12:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	213793	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	802392	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	504671	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	982723	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1198686	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1243565	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	12221	2.45	ng/uL	0.00
5) Phenol-d5	6.92	99	209821	12.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	133889	13.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	169051	13.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	151542	11.74	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	80888	14.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	84049	13.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	155447	12.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	140697	10.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	519846	15.13	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	597392	14.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	48213	8.87	ng/ul	0.02
57) Fluorene-d10	15.37	176	448682	14.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	48208	8.26	ng/ul	0.00
70) Anthracene-d10	17.22	188	676068	15.27	ng/ul	0.00
76) Pyrene-d10	19.52	212	822189	16.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	887702	16.35	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.94	94	30165	1.78	ng/ul#	90
44) Dimethylphthalate	13.83	163	533077	15.97	ng/ul	100
69) Phenanthrene	17.16	178	369822	7.08	ng/ul	98
71) Anthracene	17.26	178	81650	1.53	ng/ul	99
74) Fluoranthene	19.18	202	640036	10.48	ng/ul	99
77) Pyrene	19.54	202	552885	8.93	ng/ul	99
80) Benzo(a)anthracene	21.29	228	272697	4.26	ng/ul	98
82) Chrysene	21.34	228	254110	4.13	ng/ul	98
85) Benzo(b)fluoranthene	22.89	252	347948	4.90	ng/ul	95
86) Benzo(k)fluoranthene	22.89	252	347948	5.32	ng/ul	96
88) Benzo(a)pyrene	23.46	252	240915	3.60	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.83	276	163179	2.04	ng/ul	96
91) Benzo(g,h,i)perylene	26.51	276	140432	2.09	ng/ul#	96

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

Quantitation Report (Not Reviewed)

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Acq On : 11 Nov 2016 21:20
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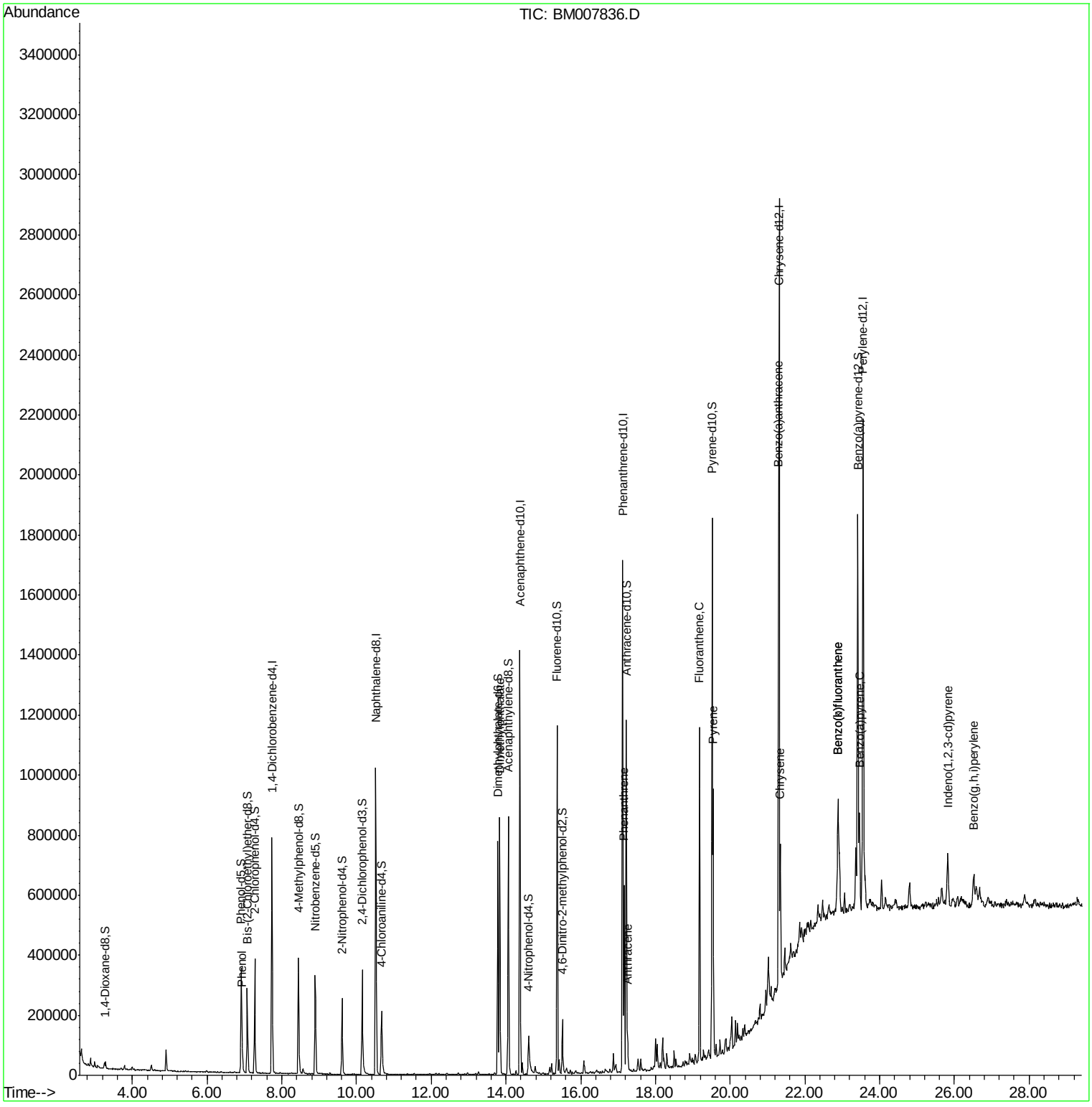
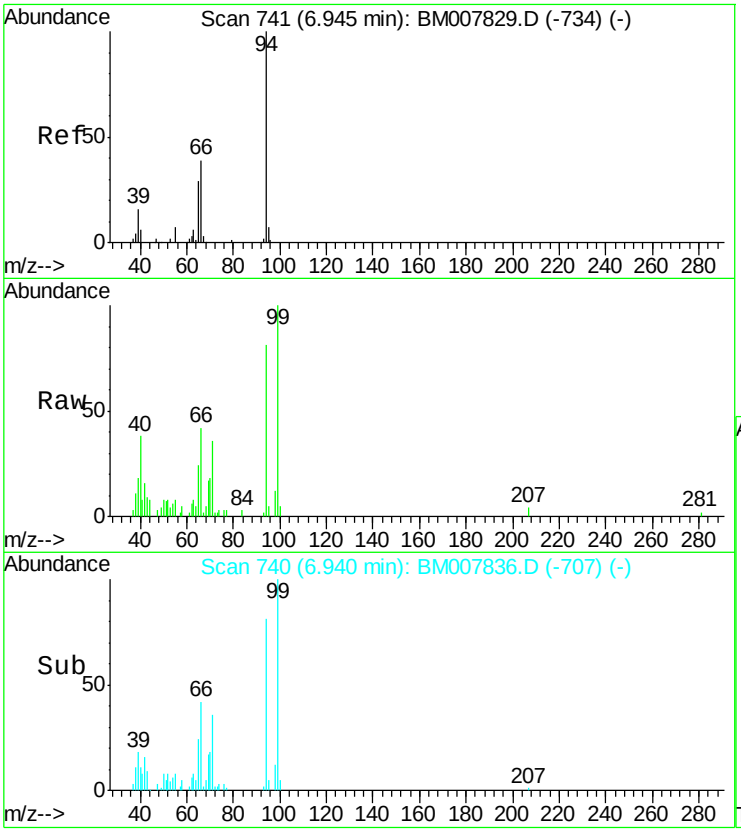
Sample : H5610-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD4L8

Quant Time: Nov 12 03:16:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 12 03:12:55 2016
Response via : Initial Calibration



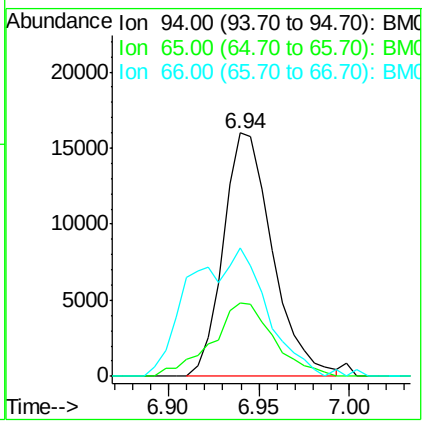


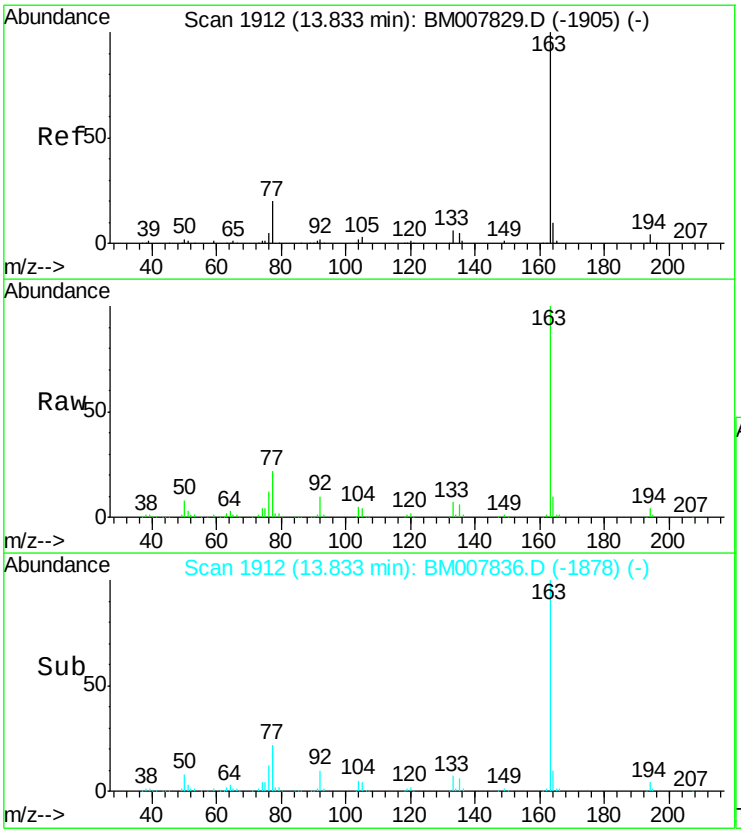
#6
Phenol
Concen: 1.78 ng/ul
RT: 6.94 min Scan# 740
Delta R.T. -0.01 min
Lab File: BM007836.D
Acq: 11 Nov 2016 21:20

Instrument :
BNA_M
ClientSampleId :
BD4L8

Tgt Ion: 94 Resp: 30165

Ion	Ratio	Lower	Upper
94	100		
65	30.3	23.9	35.9
66	52.5	33.5	50.3#

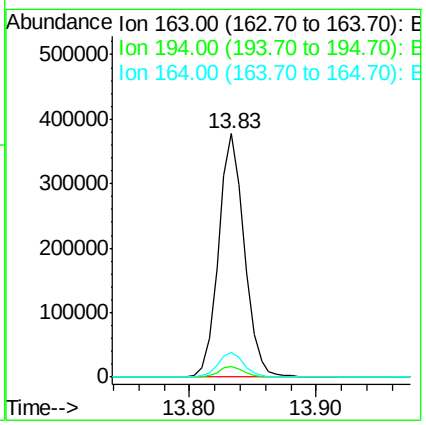


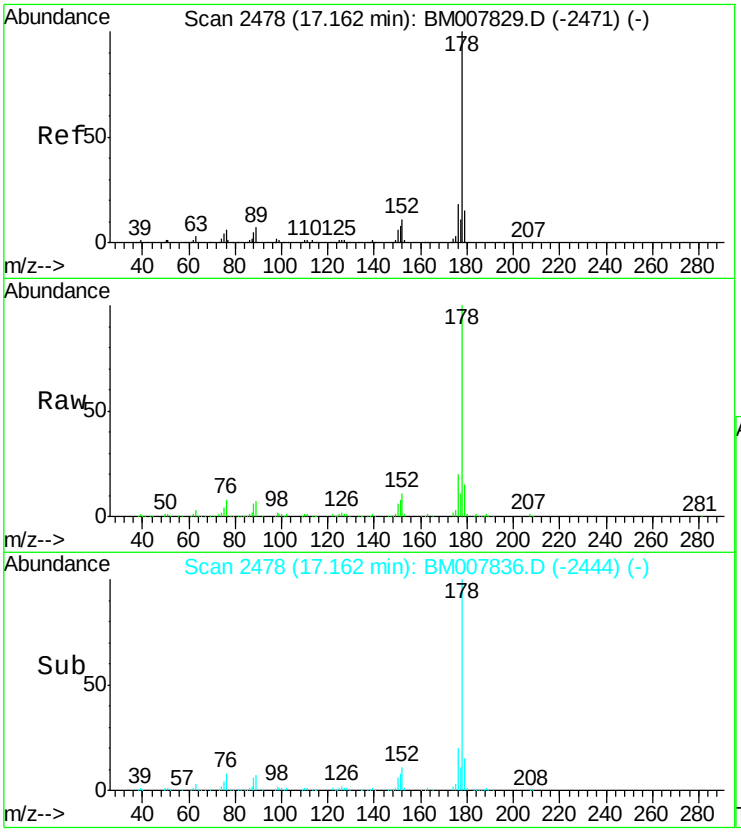


#44
Dimethylphthalate
Concen: 15.97 ng/ul
RT: 13.83 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM007836.D
Acq: 11 Nov 2016 21:20

Tgt Ion:163 Resp: 533077

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.9	7.8	11.8



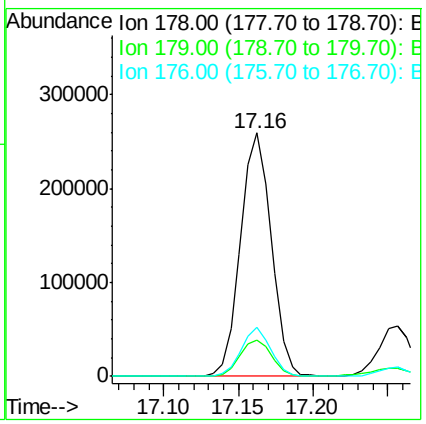


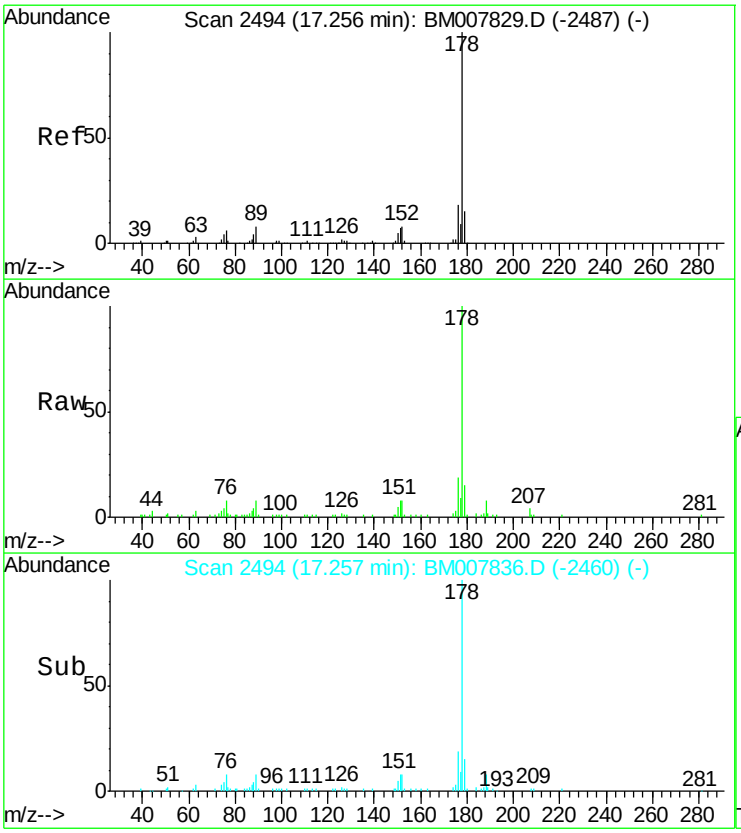
#69
Phenanthrene
Concen: 7.08 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM007836.D
Acq: 11 Nov 2016 21:20

Instrument :
BNA_M
ClientSampleId :
BD4L8

Tgt Ion:178 Resp: 369822

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.2
176	19.9	15.1	22.7

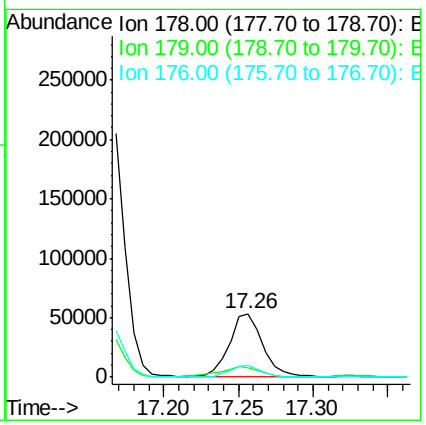


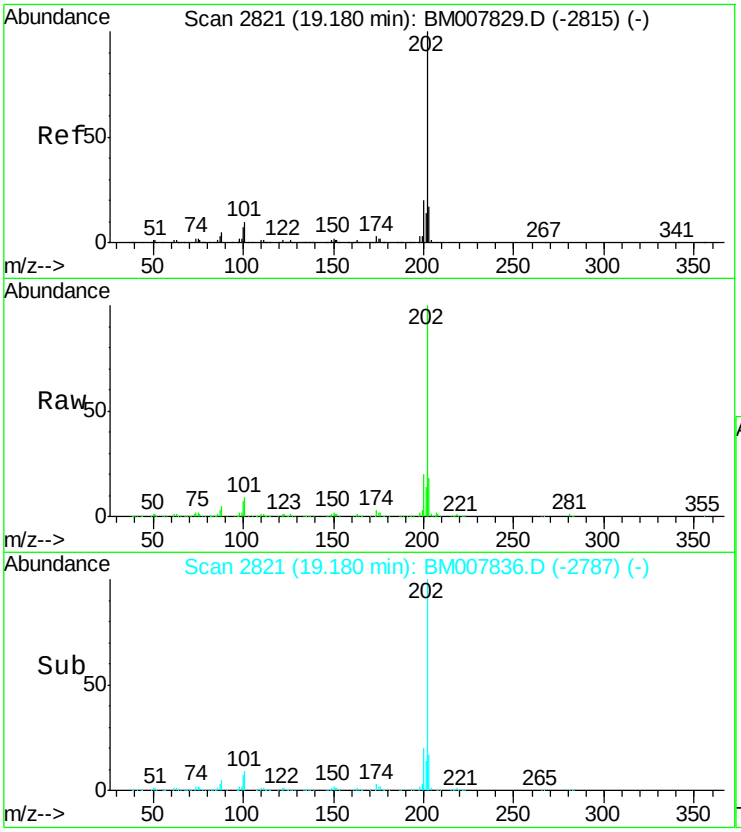


#71
Anthracene
Concen: 1.53 ng/ul
RT: 17.26 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BM007836.D
Acq: 11 Nov 2016 21:20

Tgt Ion:178 Resp: 81650

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	18.8	14.5	21.7



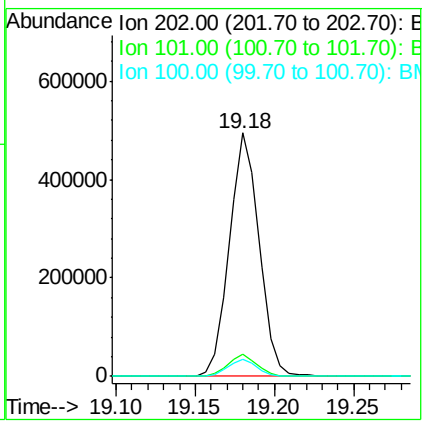


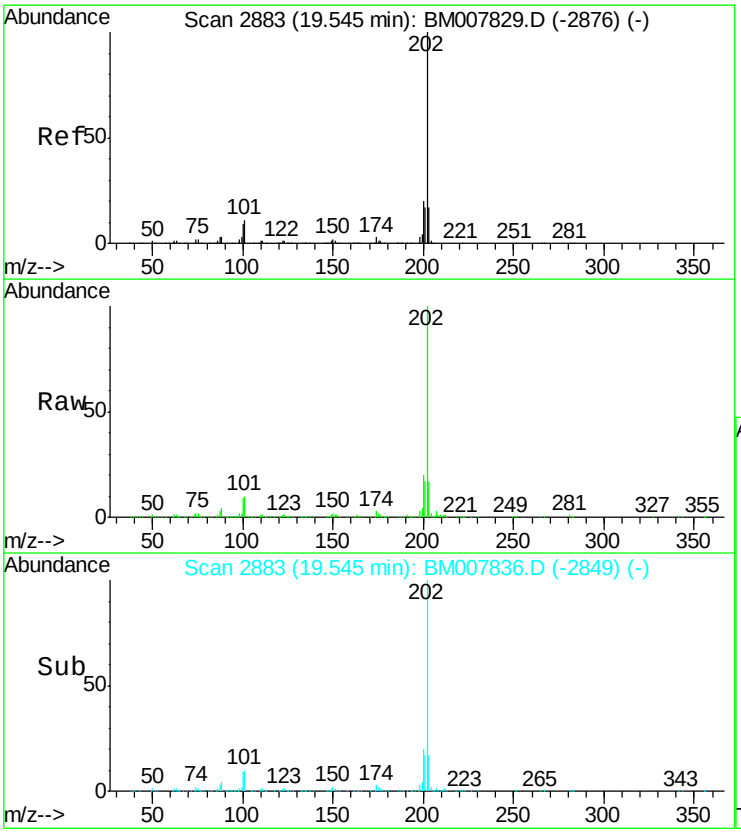
#74
Fluoranthene
Concen: 10.48 ng/ul
RT: 19.18 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BM007836.D
Acq: 11 Nov 2016 21:20

Instrument :
BNA_M
ClientSampleId :
BD4L8

Tgt Ion:202 Resp: 640036

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.9	10.3
100	7.1	5.4	8.0

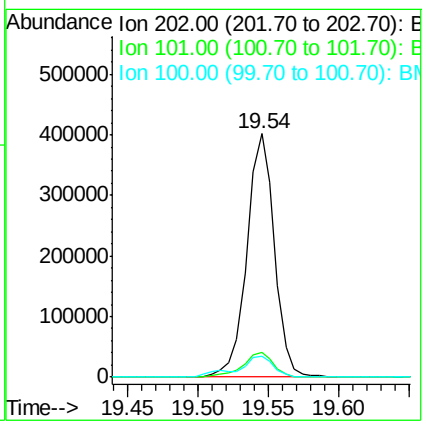


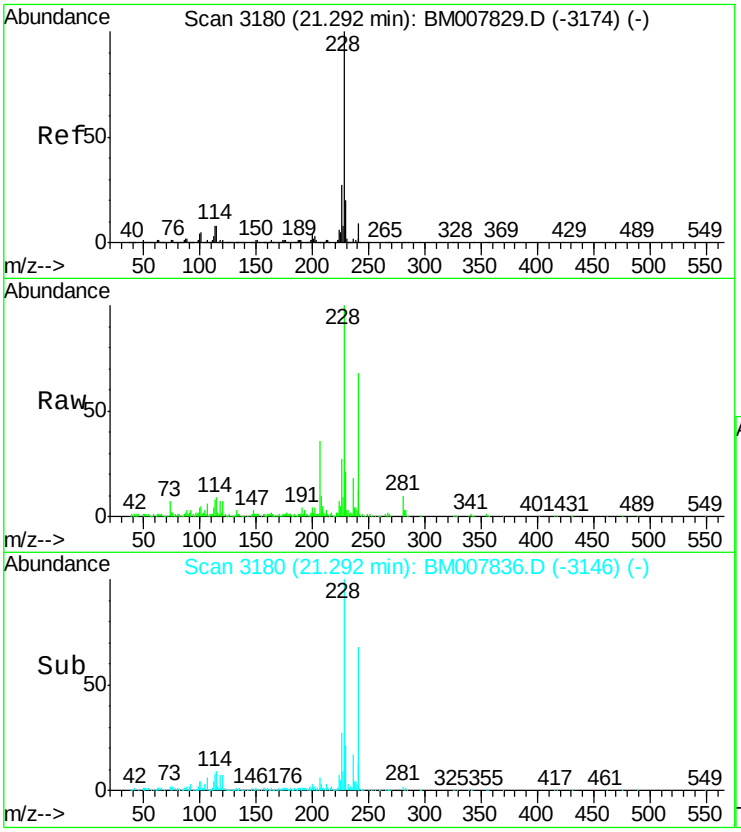


#77
Pyrene
Concen: 8.93 ng/ul
RT: 19.54 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BM007836.D
Acq: 11 Nov 2016 21:20

Tgt Ion:202 Resp: 552885

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.4	12.6
100	8.6	6.9	10.3



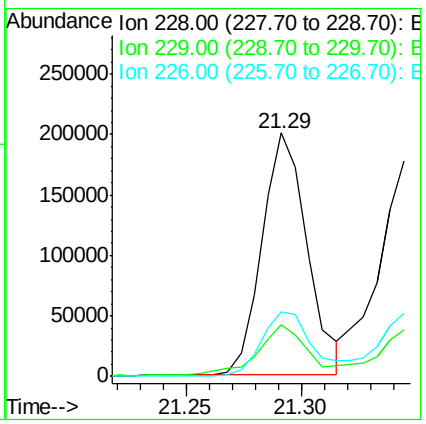


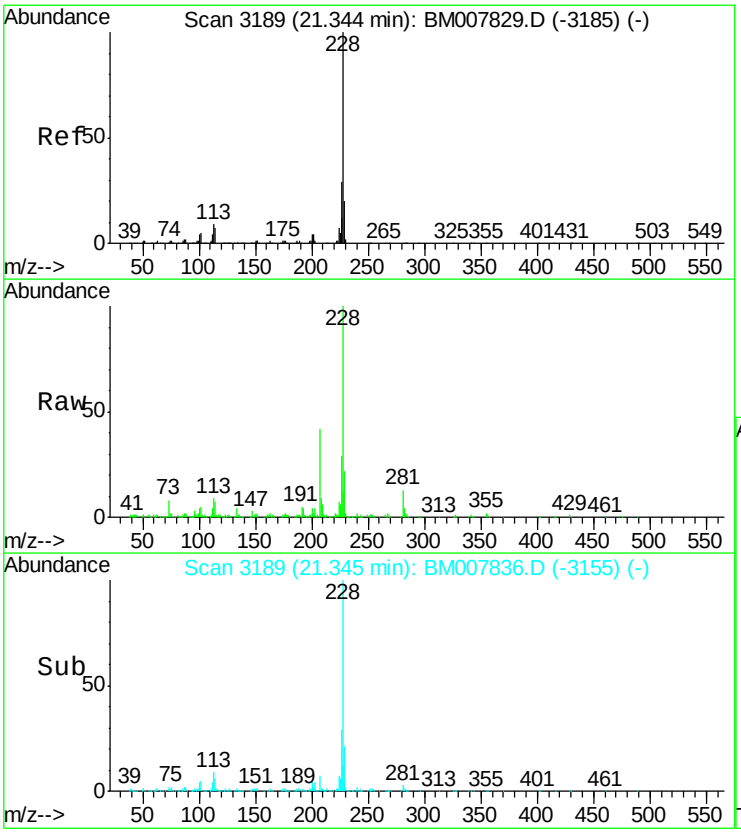
#80
Benzo(a)anthracene
Concen: 4.26 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BM007836.D
Acq: 11 Nov 2016 21:20

Instrument :
BNA_M
ClientSampleId :
BD4L8

Tgt Ion:228 Resp: 272697

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.6	23.4
226	26.7	21.8	32.8

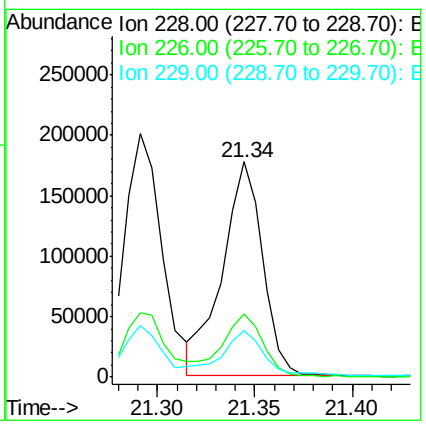


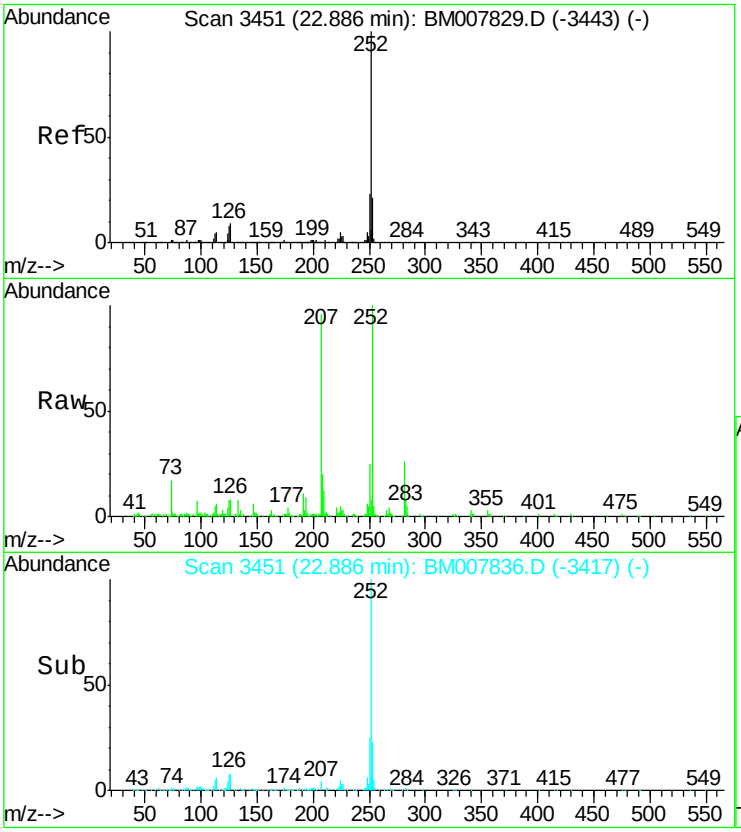


#82
Chrysene
Concen: 4.13 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. 0.00 min
Lab File: BM007836.D
Acq: 11 Nov 2016 21:20

Tgt Ion:228 Resp: 254110

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	21.5	15.5	23.3



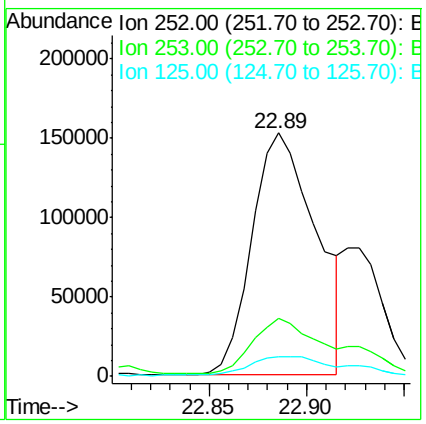


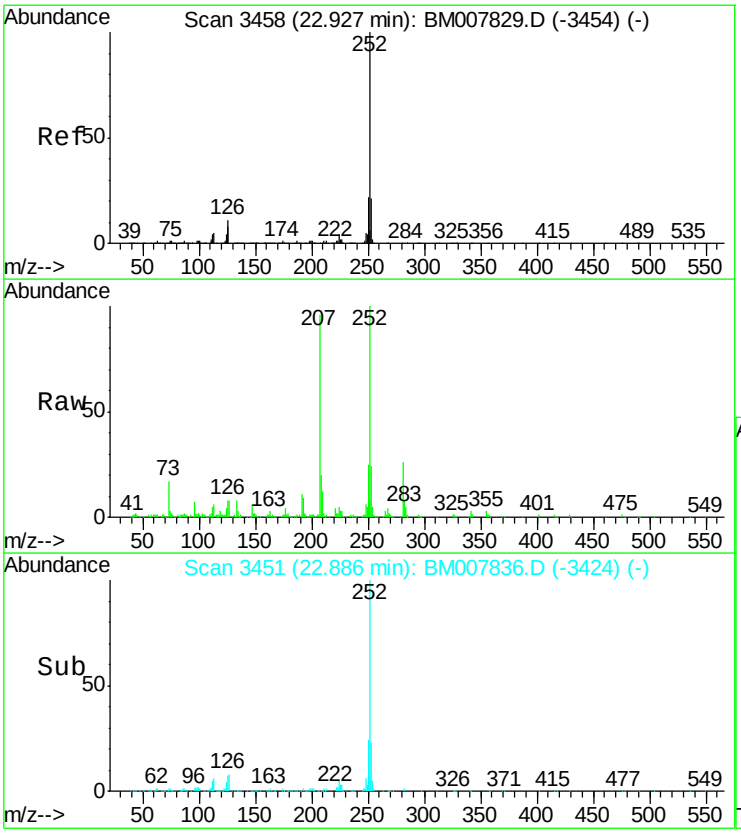
#85
Benzo(b)fluoranthene
Concen: 4.90 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. 0.00 min
Lab File: BM007836.D
Acq: 11 Nov 2016 21:20

Instrument :
BNA_M
ClientSampleId :
BD4L8

Tgt Ion:252 Resp: 347948

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	8.0	5.8	8.8

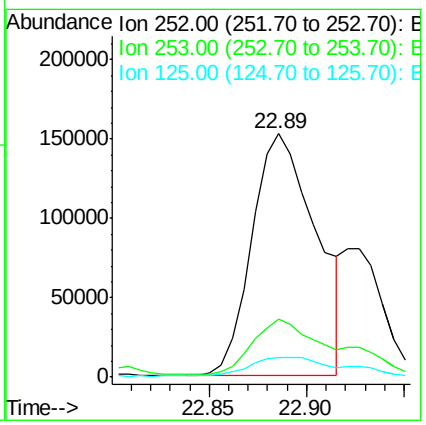


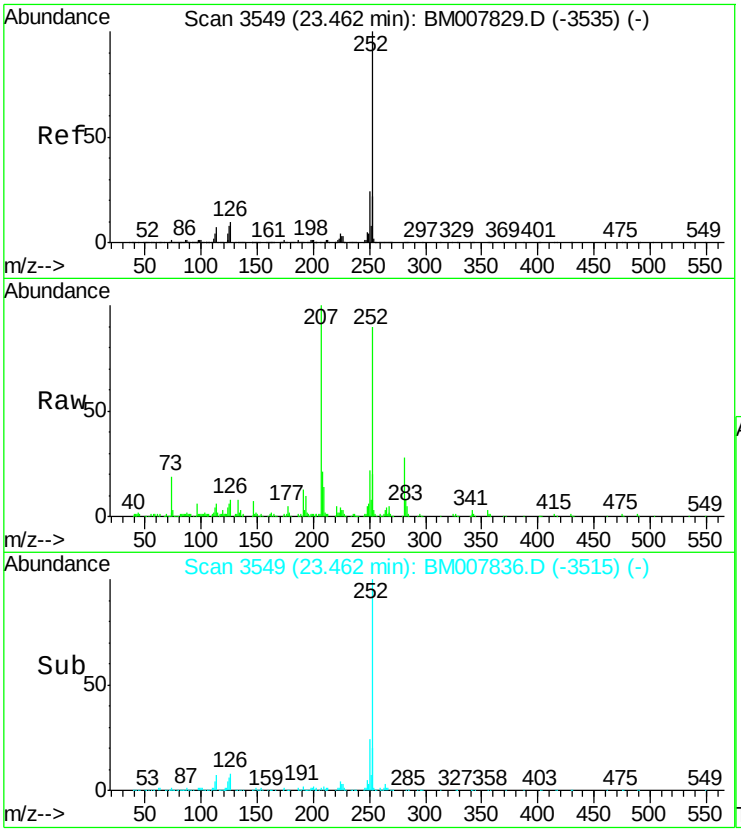


#86
Benzo(k)fluoranthene
Concen: 5.32 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. -0.04 min
Lab File: BM007836.D
Acq: 11 Nov 2016 21:20

Tgt Ion:252 Resp: 347948

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	8.0	5.7	8.5



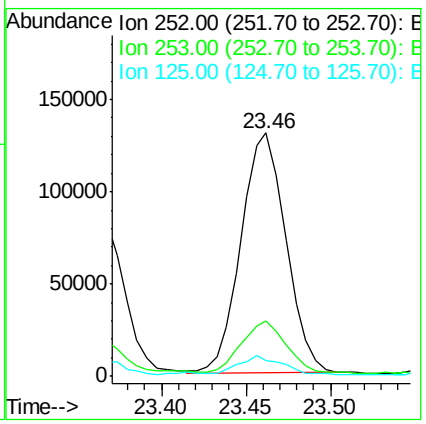


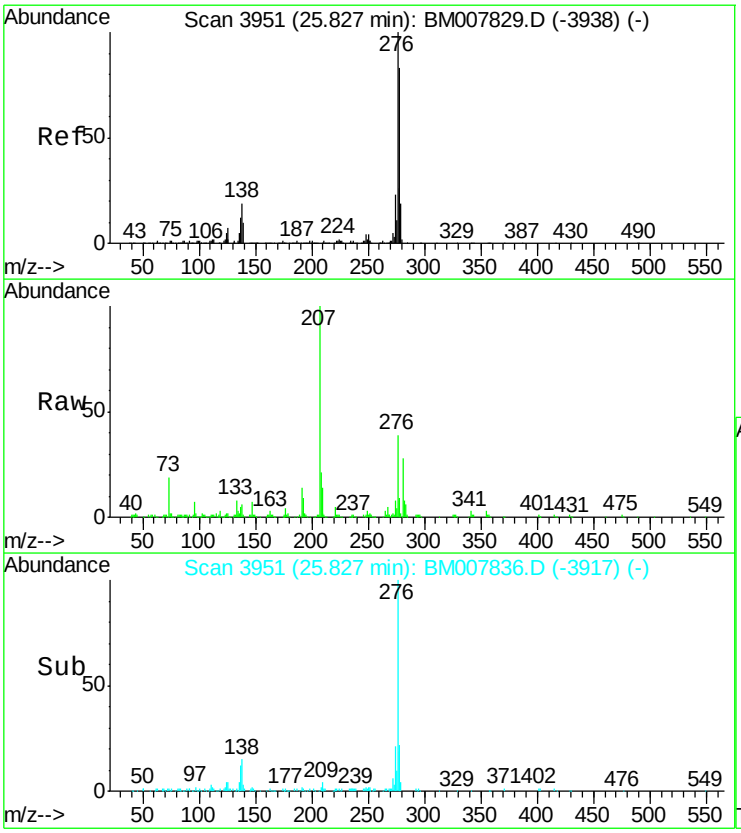
#88
Benzo(a)pyrene
Concen: 3.60 ng/ul
RT: 23.46 min Scan# 3549
Delta R.T. 0.00 min
Lab File: BM007836.D
Acq: 11 Nov 2016 21:20

Instrument :
BNA_M
ClientSampleId :
BD4L8

Tgt Ion:252 Resp: 240915

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	6.7	6.6	9.8

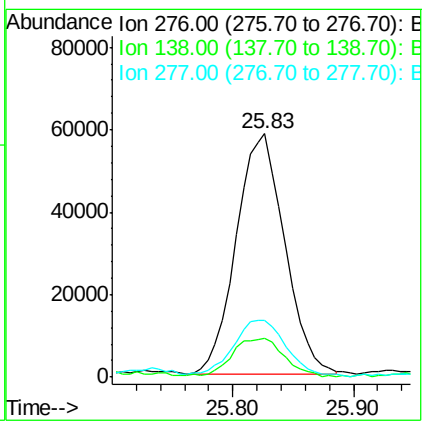


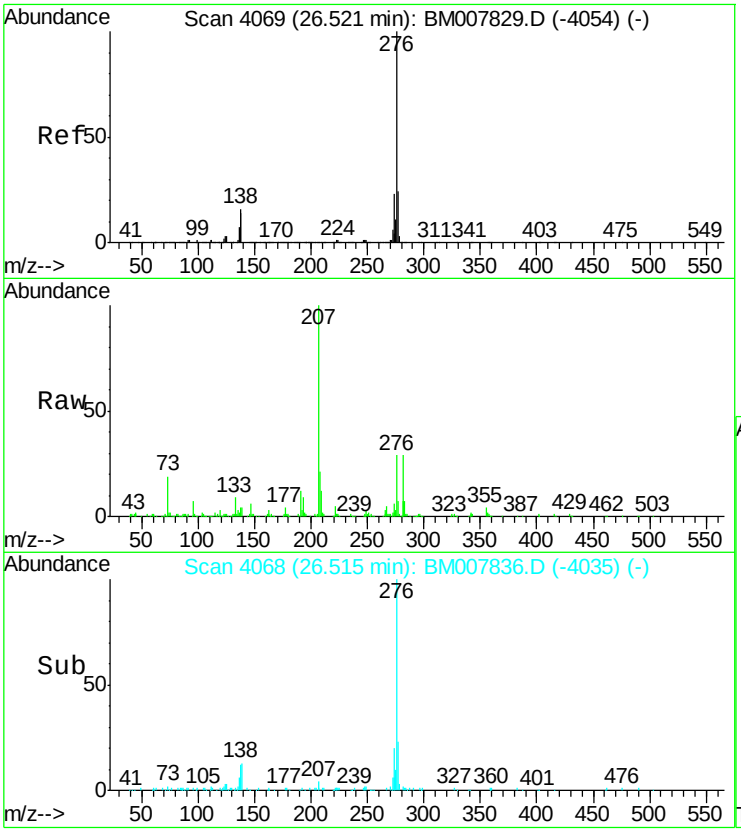


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.04 ng/ul
RT: 25.83 min Scan# 3951
Delta R.T. 0.00 min
Lab File: BM007836.D
Acq: 11 Nov 2016 21:20

Tgt Ion:276 Resp: 163179

Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.9	20.9
277	23.2	20.1	30.1





#91
Benzo(g,h,i)perylene
Concen: 2.09 ng/ul
RT: 26.51 min Scan# 4068
Delta R.T. -0.01 min
Lab File: BM007836.D
Acq: 11 Nov 2016 21:20

Instrument :
BNA_M
ClientSampleId :
BD4L8

Tgt Ion:276 Resp: 140432

Ion	Ratio	Lower	Upper
276	100		
138	13.5	13.5	20.3#
277	23.1	19.3	28.9