Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
Data File : BM002157.D
Acq On : 31 Jul 2015 15:39
Operator : TP/UM
Sample : G3065-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02H5

Quant Time: Aug 01 02:21:29 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 02:15:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	75027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	296336	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	174702	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	398716	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	485915	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	498165	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	2749	1.90	ng/uL	0.00
5) Phenol-d5	6.76	99	61174	11.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	36681	12.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	54560	12.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	32192	7.55	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	25631	12.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	27522	11.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	49130	10.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	43030	8.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	161437	12.62	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	177784	11.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	8151	3.82	ng/ul	0.00
58) Fluorene-d10	15.24	176	129299	11.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	5954	2.44	ng/ul	0.00
71) Anthracene-d10	17.09	188	193667	10.88	ng/ul	0.00
79) Pyrene-d10	19.40	212	231181	11.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	263844	10.93	ng/ul	0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.70	163	28809	2.25	ng/ul#	98
70) Phenanthrene	17.03	178	111445	5.40	ng/ul	97
72) Anthracene	17.03	178	111767	5.29	ng/ul	96
77) Fluoranthene	19.06	202	191355	8.02	ng/ul	98
80) Pyrene	19.43	202	166032	6.28	ng/ul	99
83) Benzo(a)anthracene	21.19	228	104632	3.88	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.11	149	22382	1.45	ng/ul#	81
85) Chrysene	21.24	228	100780	4.00	ng/ul#	91
88) Benzo(b)fluoranthene	22.75	252	143876	5.14	ng/ul#	86
89) Benzo(k)fluoranthene	22.75	252	54046	2.00	ng/ul#	87
91) Benzo(a)pyrene	23.31	252	100428	3.72	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	25.61	276	72284	2.32	ng/ul	97
94) Benzo(g,h,i)perylene	26.30	276	65569	2.51	ng/ul#	93

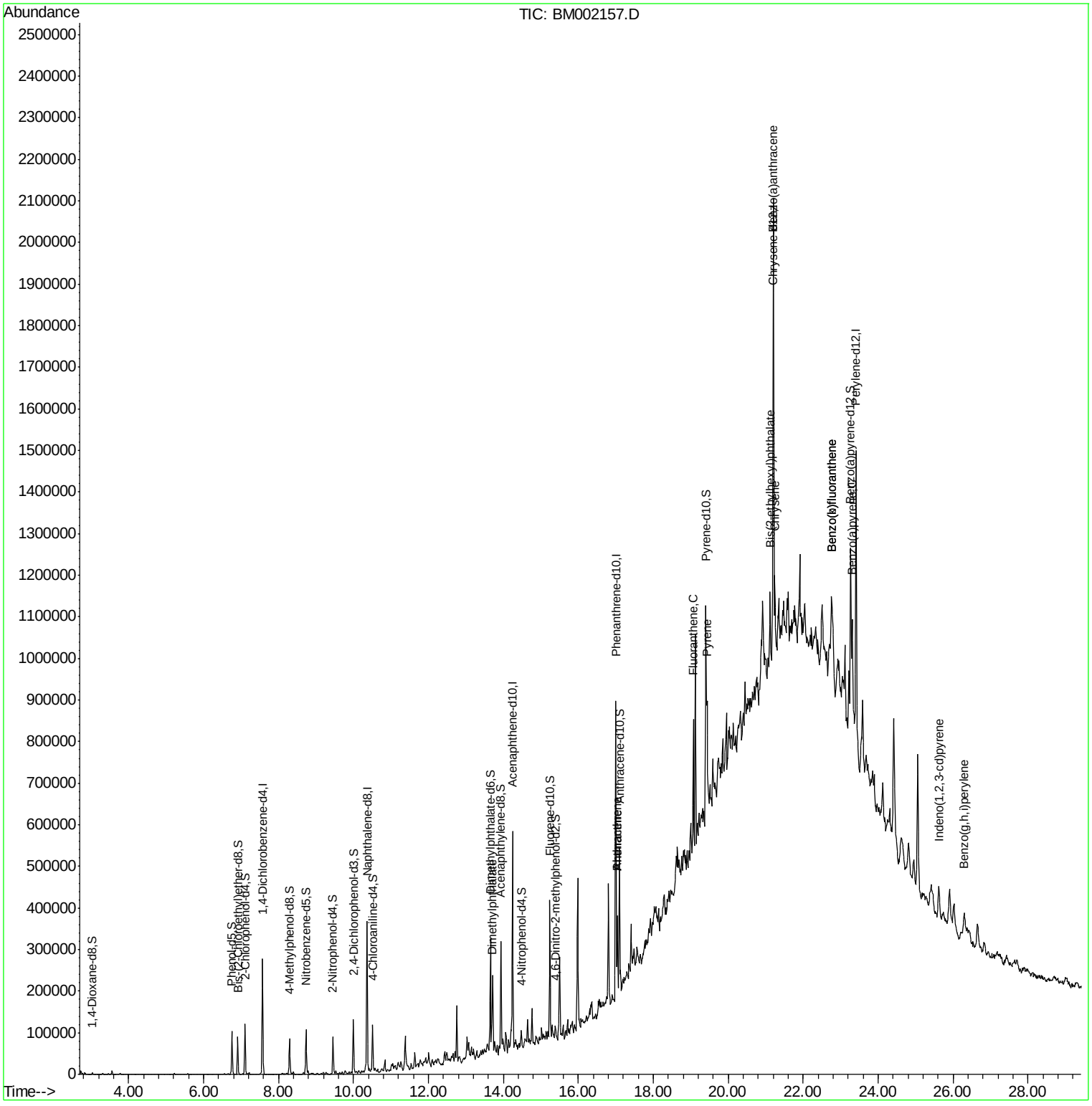
(#) = qualifier out of range (m) = manual integration (+) = signals summed

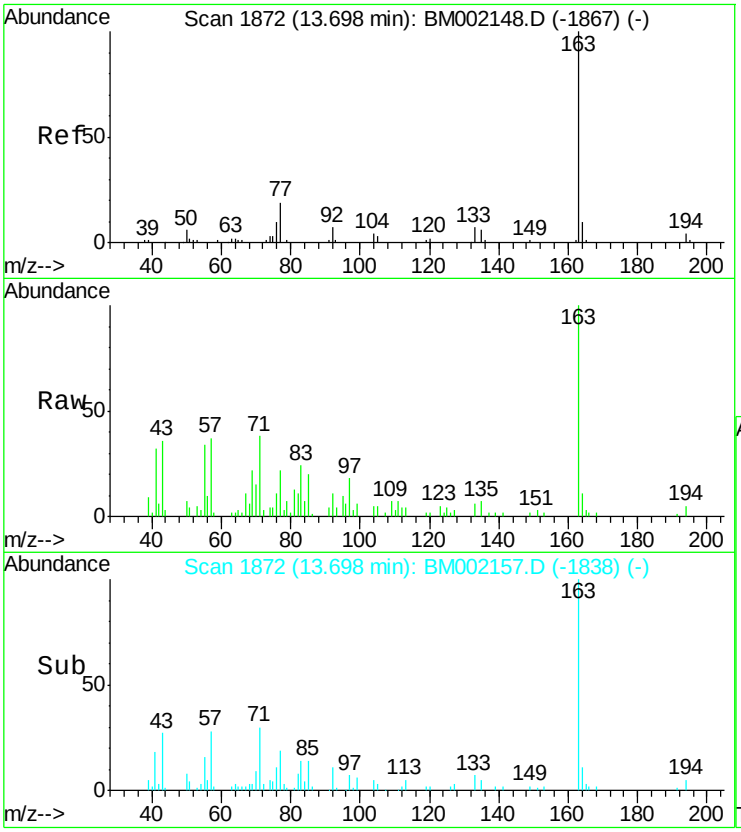
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
Data File : BM002157.D
Acq On : 31 Jul 2015 15:39
Operator : TP/UM
Sample : G3065-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02H5

Quant Time: Aug 01 02:21:29 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 02:15:30 2015
Response via : Initial Calibration



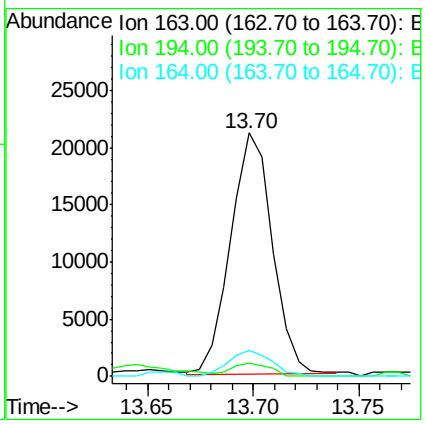


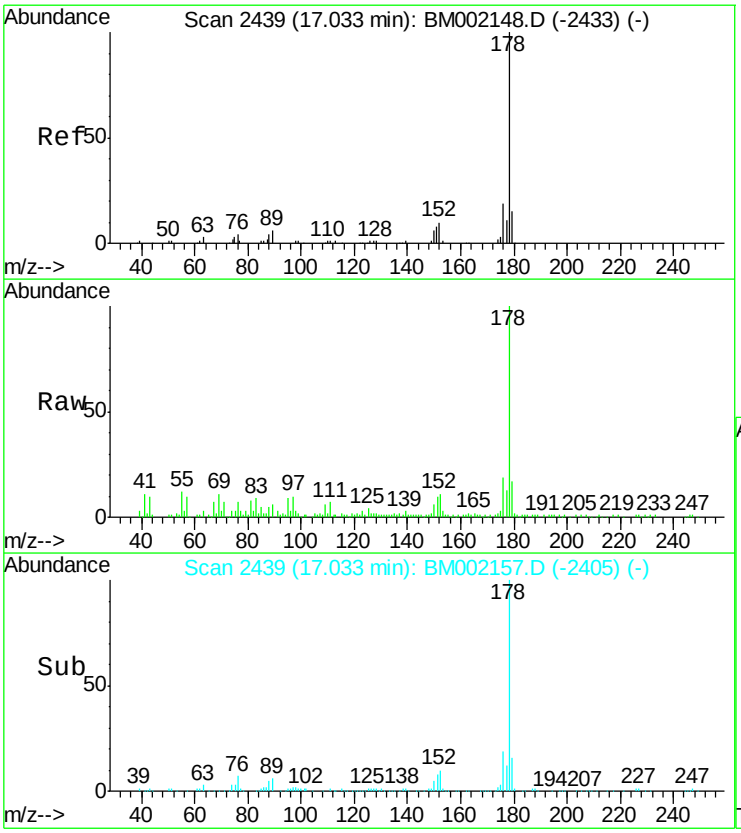
#45
Dimethylphthalate
Concen: 2.25 ng/ul
RT: 13.70 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_M
ClientSampleId :
C02H5

Tgt Ion:163 Resp: 28809

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.5	5.3#
164	10.6	8.0	12.0

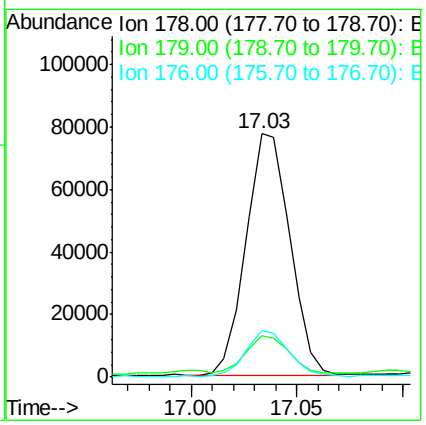


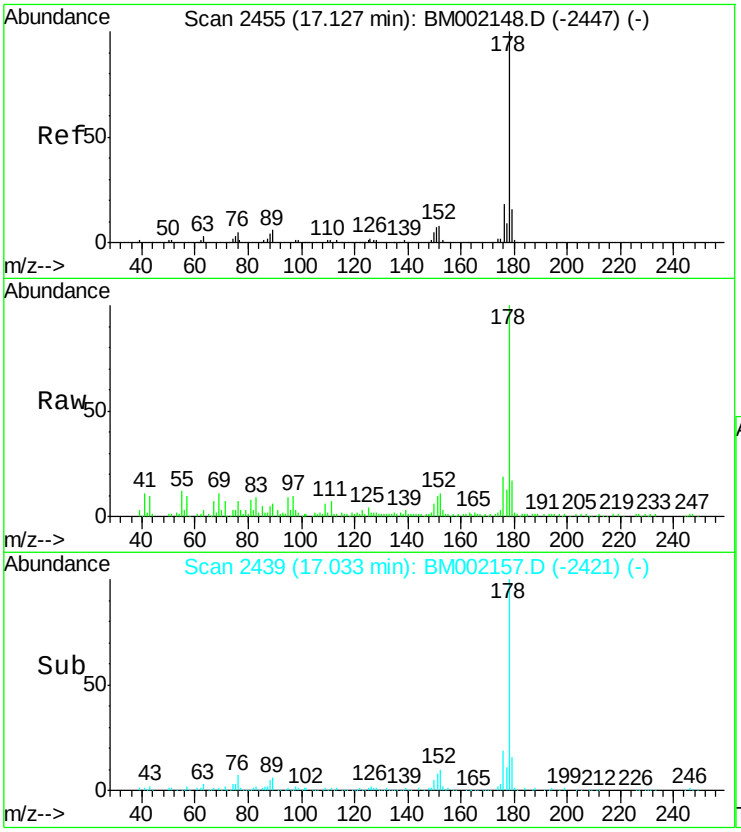


#70
Phenanthrene
Concen: 5.40 ng/ul
RT: 17.03 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Tgt Ion:178 Resp: 111445

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.5	18.7
176	18.9	14.2	21.4



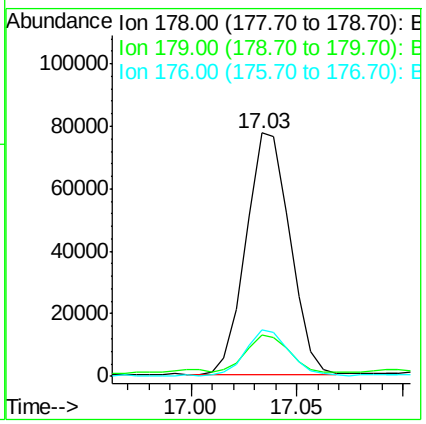


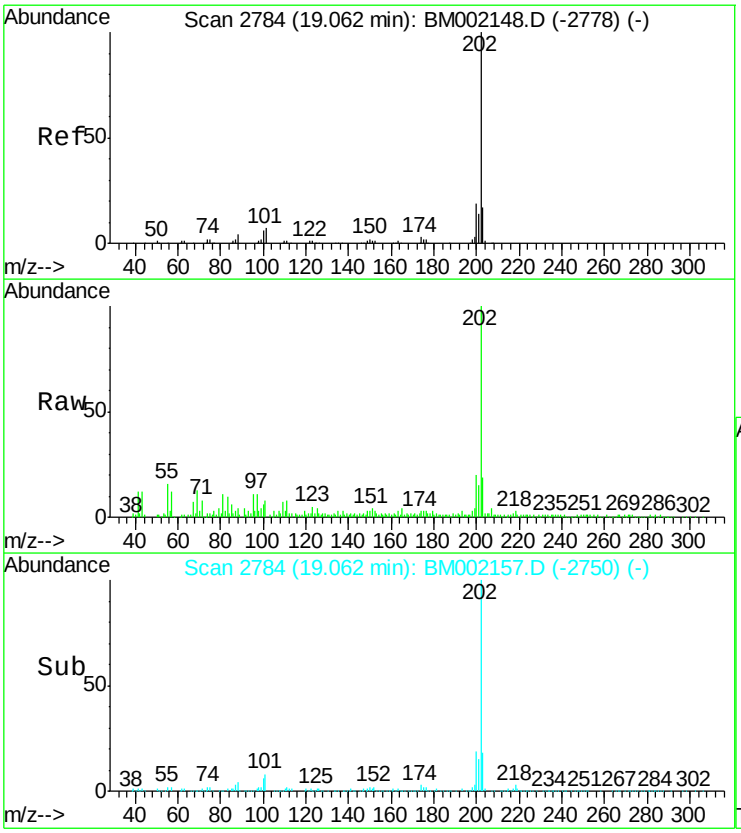
#72
Anthracene
Concen: 5.29 ng/ul
RT: 17.03 min Scan# 2439
Delta R.T. -0.09 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_M
ClientSampleId :
C02H5

Tgt Ion:178 Resp: 111767

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.1	18.1
176	18.9	14.1	21.1

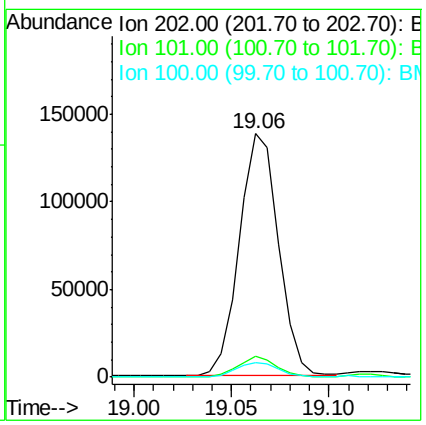


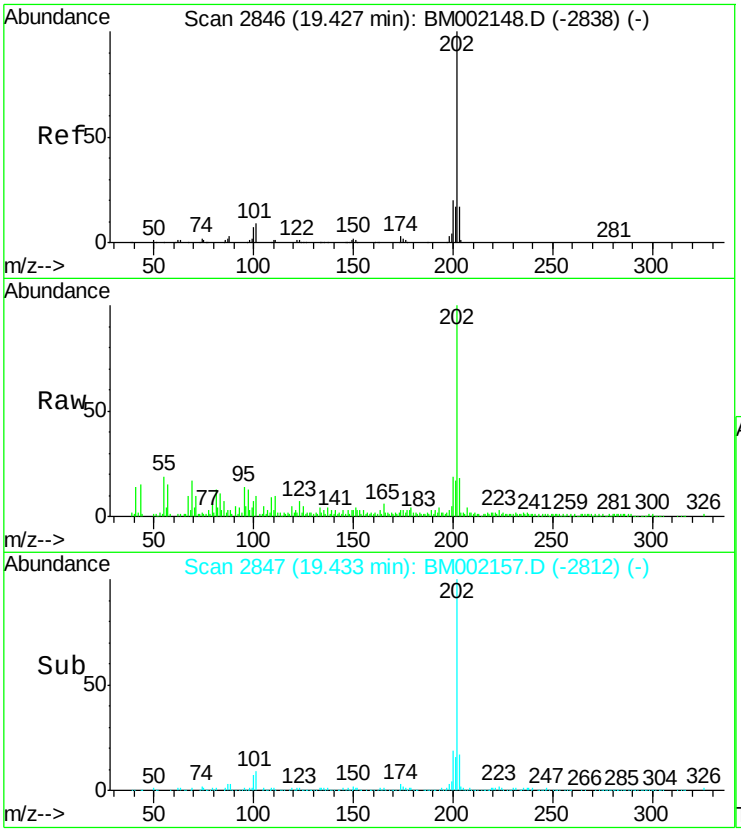


#77
Fluoranthene
Concen: 8.02 ng/ul
RT: 19.06 min Scan# 2784
Delta R.T. 0.00 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Tgt Ion:202 Resp: 191355

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.2	9.4
100	5.8	5.2	7.8



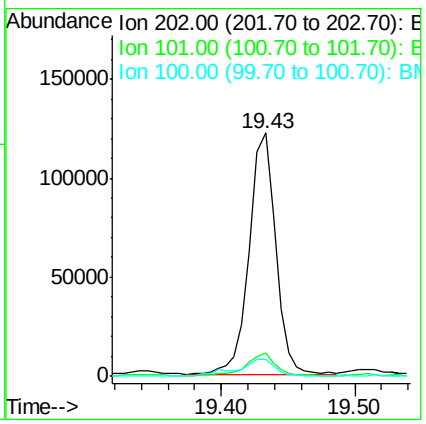


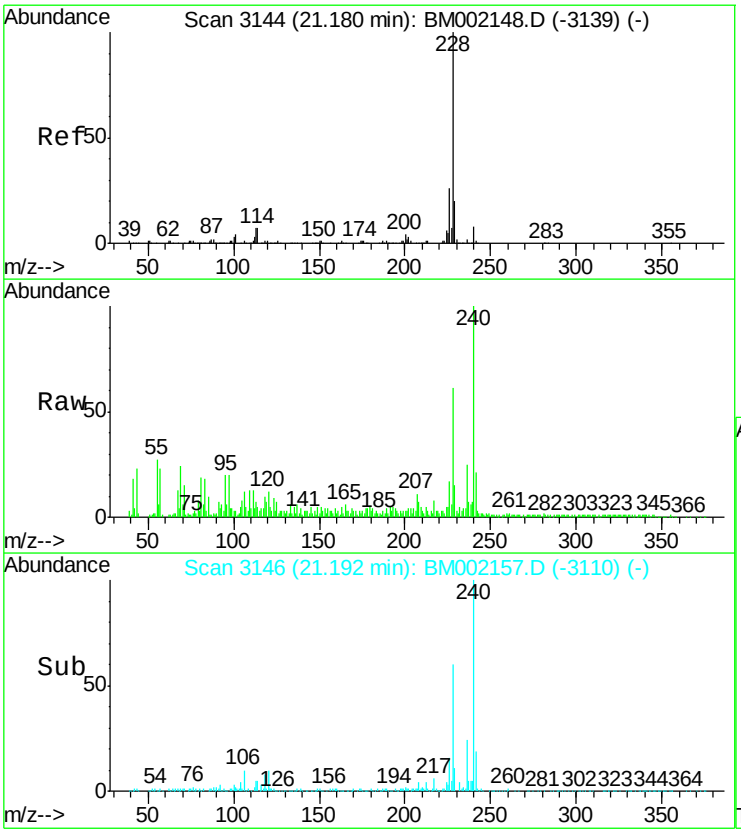
#80
Pyrene
Concen: 6.28 ng/ul
RT: 19.43 min Scan# 2847
Delta R.T. 0.01 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_M
ClientSampleId :
C02H5

Tgt Ion:202 Resp: 166032

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.4	11.2
100	7.2	6.3	9.5

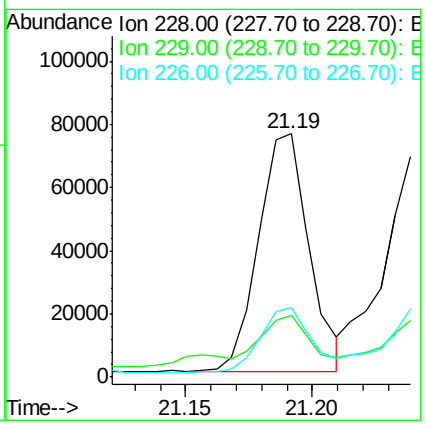


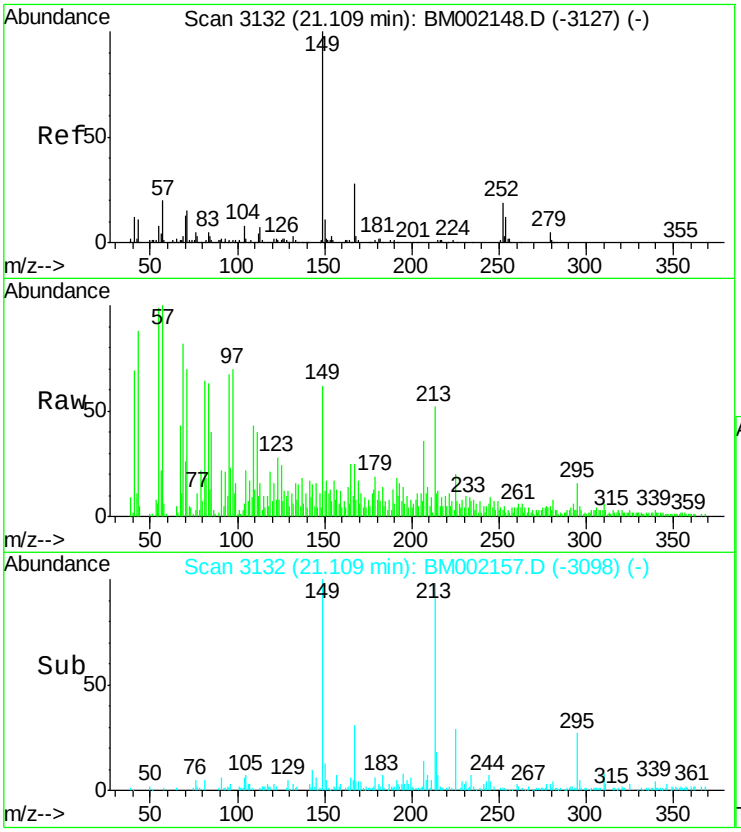


#83
Benzo(a)anthracene
Concen: 3.88 ng/ul
RT: 21.19 min Scan# 3146
Delta R.T. 0.01 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Tgt Ion:228 Resp: 104632

Ion	Ratio	Lower	Upper
228	100		
229	25.3	15.4	23.2#
226	28.5	20.5	30.7



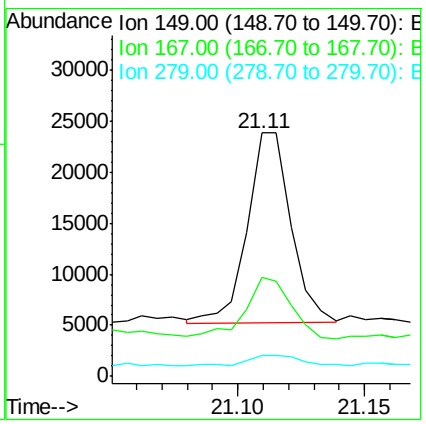


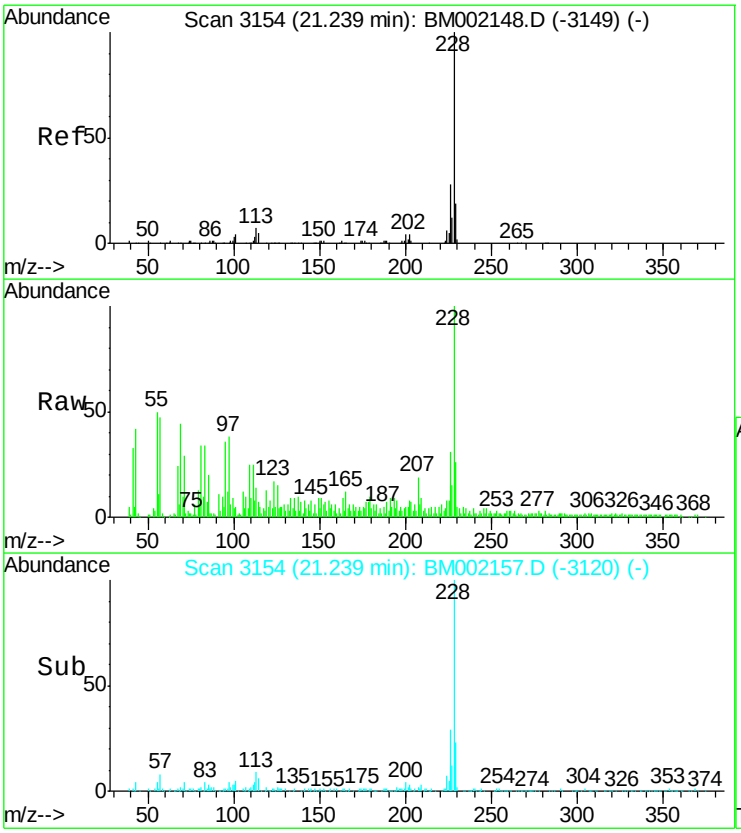
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.45 ng/ul
RT: 21.11 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_M
ClientSampleId :
C02H5

Tgt Ion:149 Resp: 22382

Ion	Ratio	Lower	Upper
149	100		
167	40.6	23.6	35.4#
279	8.4	4.2	6.4#

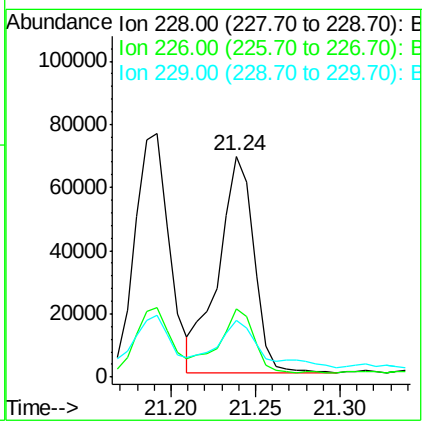


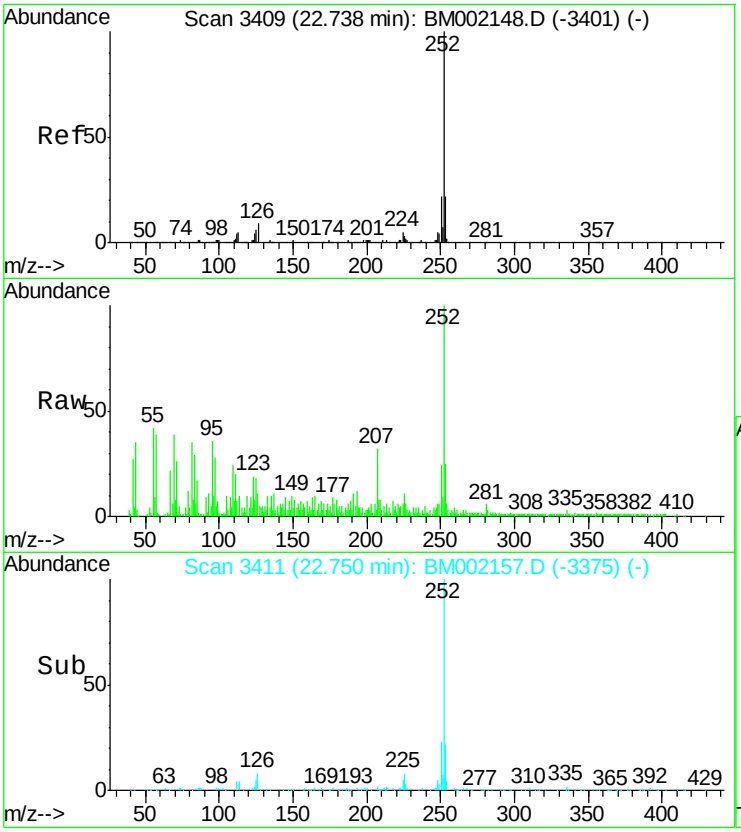


#85
Chrysene
Concen: 4.00 ng/ul
RT: 21.24 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Tgt Ion:228 Resp: 100780

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.3	33.5
229	25.8	15.5	23.3#



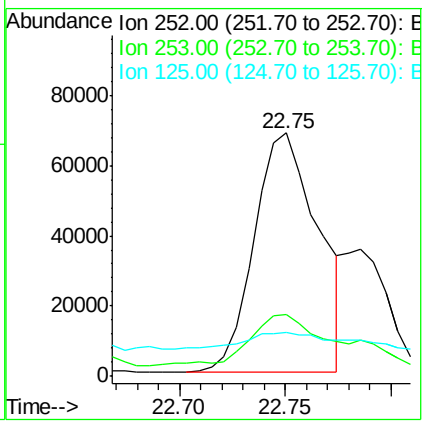


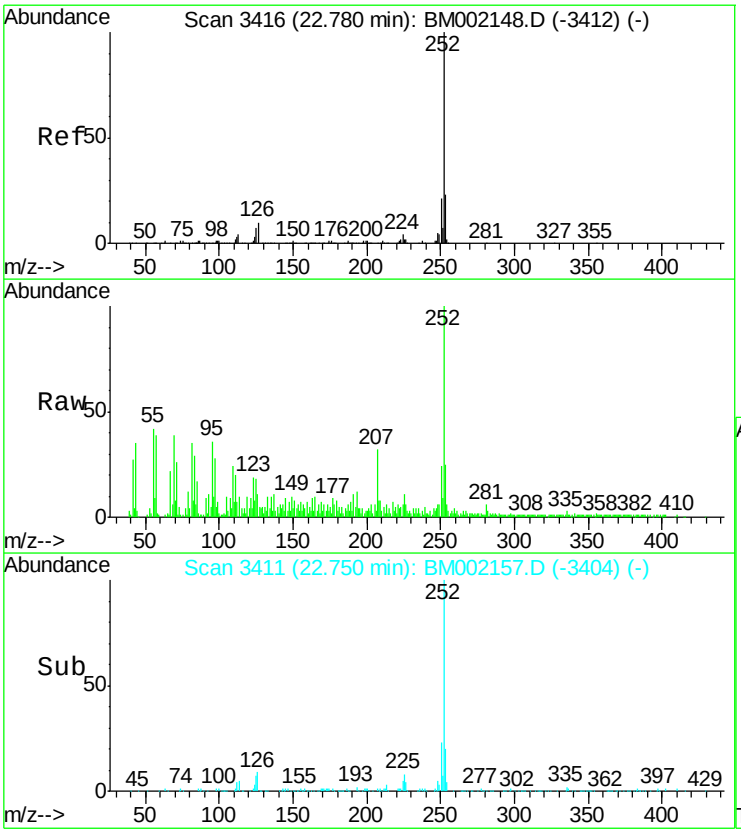
#88
Benzo(b)fluoranthene
Concen: 5.14 ng/ul
RT: 22.75 min Scan# 3411
Delta R.T. 0.01 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_M
ClientSampleId :
C02H5

Tgt Ion:252 Resp: 143876

Ion	Ratio	Lower	Upper
252	100		
253	25.3	16.9	25.3
125	18.1	6.2	9.2#

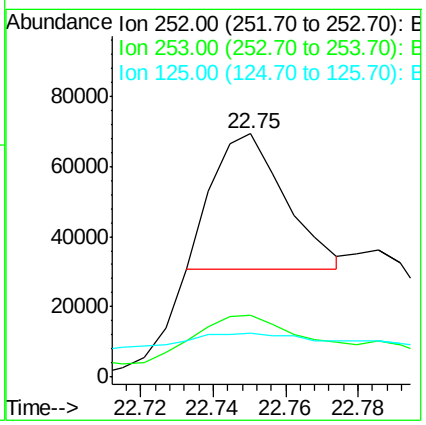


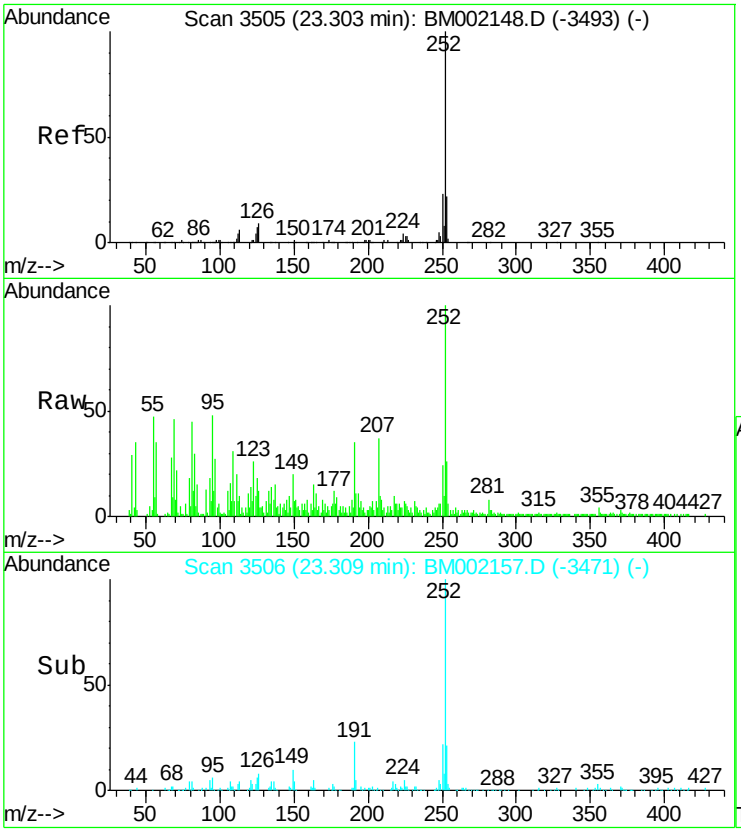


#89
Benzo(k)fluoranthene
Concen: 2.00 ng/ul
RT: 22.75 min Scan# 3411
Delta R.T. -0.03 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Tgt Ion:252 Resp: 54046

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.0
125	18.1	6.2	9.4#



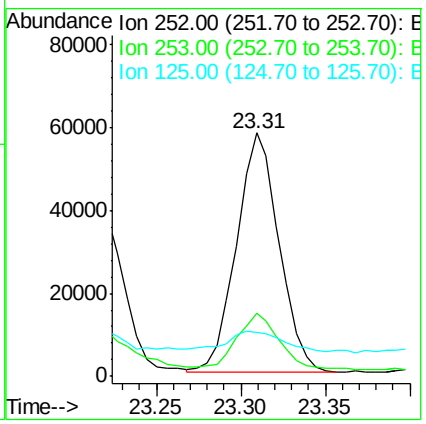


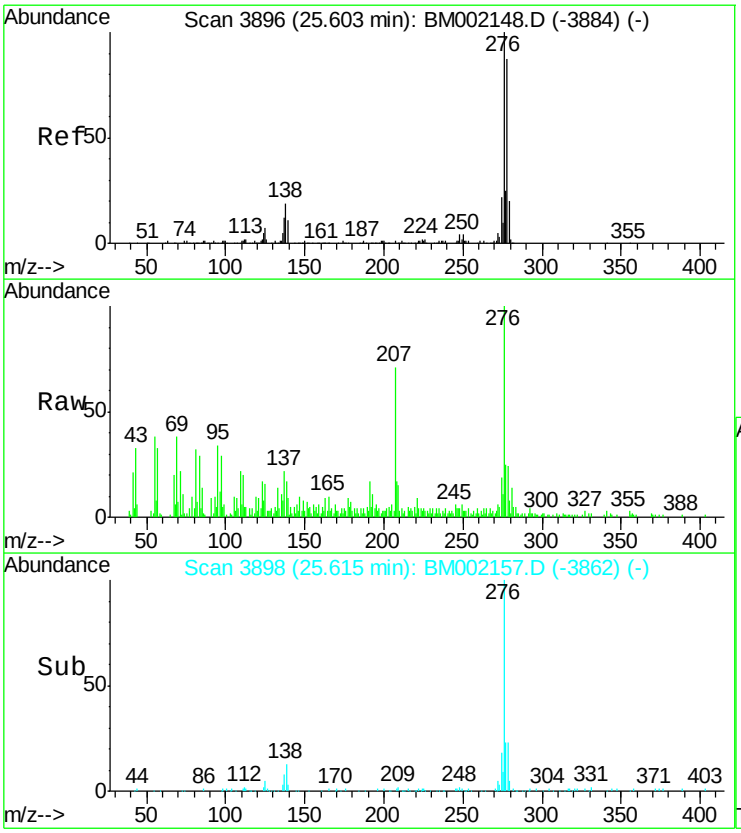
#91
Benzo(a)pyrene
Concen: 3.72 ng/ul
RT: 23.31 min Scan# 3506
Delta R.T. 0.01 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_M
ClientSampleId :
C02H5

Tgt Ion:252 Resp: 100428

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.2	25.8#
125	18.3	6.6	10.0#

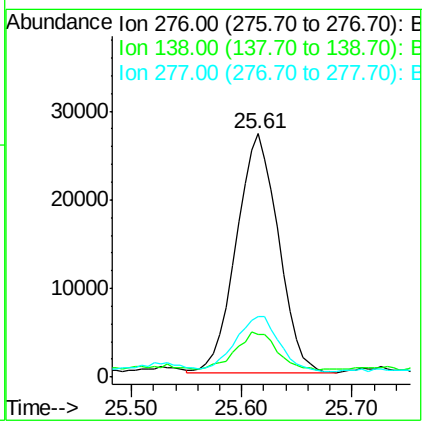


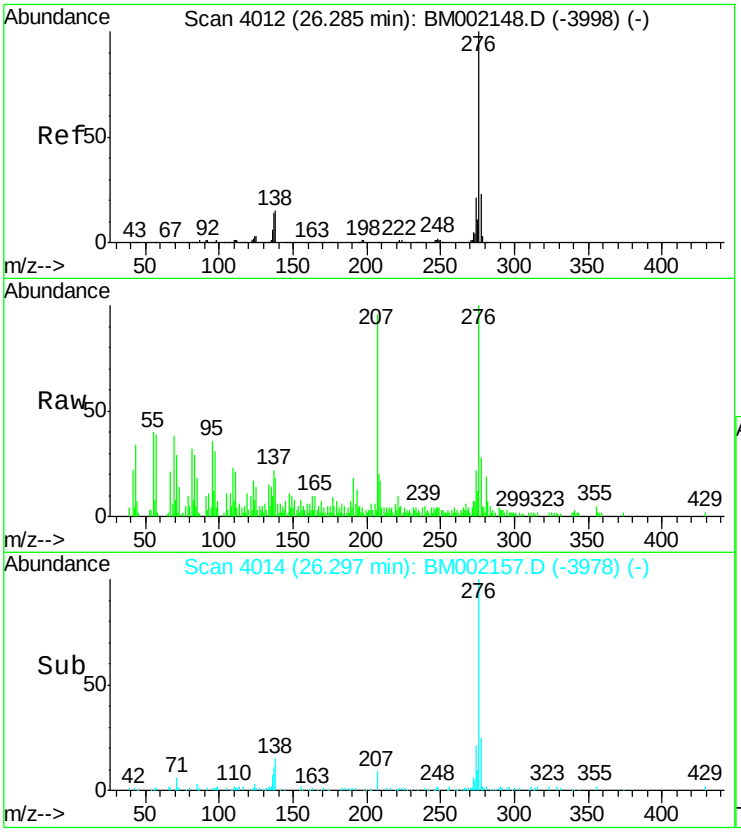


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.32 ng/ul
RT: 25.61 min Scan# 3898
Delta R.T. 0.01 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Tgt Ion:276 Resp: 72284

Ion	Ratio	Lower	Upper
276	100		
138	17.5	16.2	24.2
277	24.8	19.8	29.8





#94
Benzo(g,h,i)perylene
Concen: 2.51 ng/ul
RT: 26.30 min Scan# 4014
Delta R.T. 0.01 min
Lab File: BM002157.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_M
ClientSampleId :
C02H5

Tgt Ion:276 Resp: 65569

Ion	Ratio	Lower	Upper
276	100		
138	18.4	13.8	20.6
277	27.9	18.2	27.2#