Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002196.D
Acq On : 03 Aug 2015 14:16
Operator : TP/UM
Sample : G3073-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02L6

Quant Time: Aug 04 02:34:47 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	95437	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	409678	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	252486	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	560390	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	518051	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	496373	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	3100	1.68	ng/uL	0.00
5) Phenol-d5	6.72	99	92126	13.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	47003	12.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	77126	13.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	70090	12.92	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	38517	13.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	45597	14.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	84003	13.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	41946	6.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	256388	13.86	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	317384	13.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	27394	8.87	ng/ul	0.00
58) Fluorene-d10	15.20	176	229632	14.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	21019	6.13	ng/ul	0.00
71) Anthracene-d10	17.06	188	341965	13.67	ng/ul	0.00
79) Pyrene-d10	19.37	212	338535	15.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	308194	12.81	ng/ul	0.02
Target Compounds						Qvalue
14) Acetophenone	8.35	105	11265	1.31	ng/ul	97
45) Dimethylphthalate	13.66	163	127191	6.89	ng/ul	99
48) Acenaphthylene	13.92	152	31116	1.30	ng/ul	96
50) Acenaphthene	14.27	153	15657	1.00	ng/ul	97
70) Phenanthrene	17.00	178	366567	12.63	ng/ul	99
72) Anthracene	17.09	178	114078	3.84	ng/ul	99
75) Carbazole	17.37	167	51221	2.02	ng/ul#	95
76) Di-n-butylphthalate	17.93	149	79304	2.62	ng/ul	97
77) Fluoranthene	19.03	202	1205353	35.96	ng/ul	99
80) Pyrene	19.40	202	1037000	36.79	ng/ul	98
81) Butylbenzylphthalate	20.30	149	52085	4.84	ng/ul	91
83) Benzo(a)anthracene	21.16	228	511541	17.81	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.08	149	305727	18.55	ng/ul	98
85) Chrysene	21.21	228	509047	18.95	ng/ul	96
88) Benzo(b)fluoranthene	22.72	252	652375	23.39	ng/ul#	95
89) Benzo(k)fluoranthene	22.72	252	215776	8.02	ng/ul#	96
91) Benzo(a)pyrene	23.27	252	390572	14.51	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.56	276	290832	9.37	ng/ul	96
93) Dibenzo(a,h)anthracene	25.56	278	79209	2.98	ng/ul#	85
94) Benzo(g,h,i)perylene	26.24	276	263339	10.13	ng/ul	98

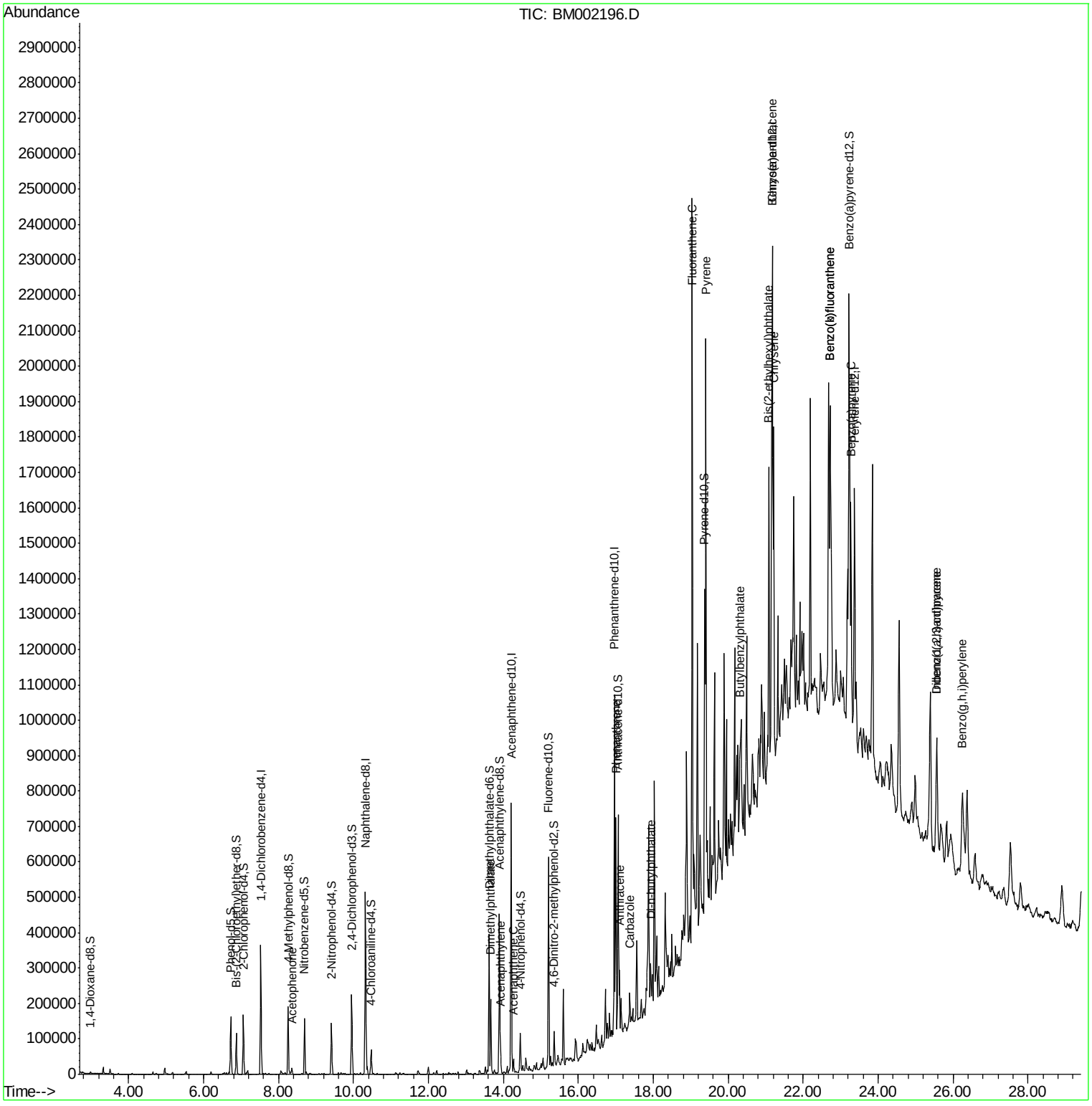
(#) = qualifier out of range (m) = manual integration (+) = signals summed

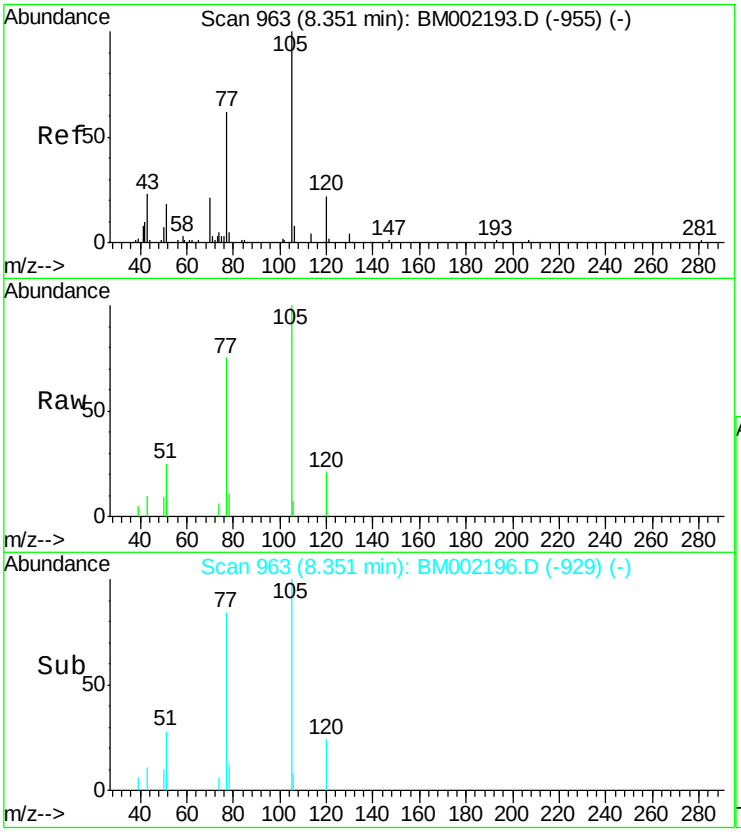
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002196.D
Acq On : 03 Aug 2015 14:16
Operator : TP/UM
Sample : G3073-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02L6

Quant Time: Aug 04 02:34:47 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration



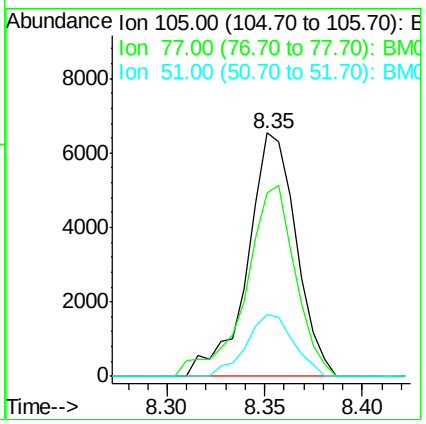


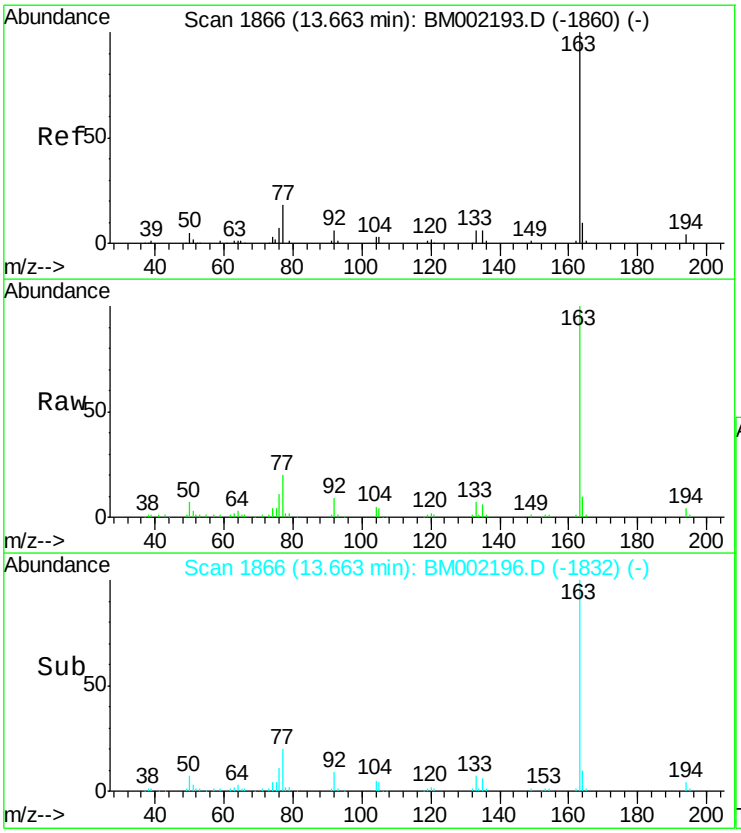
#14
Acetophenone
Concen: 1.31 ng/ul
RT: 8.35 min Scan# 963
Delta R.T. -0.00 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
C02L6

Tgt Ion:105 Resp: 11265

Ion	Ratio	Lower	Upper
105	100		
77	75.3	61.8	92.8
51	25.2	18.5	27.7

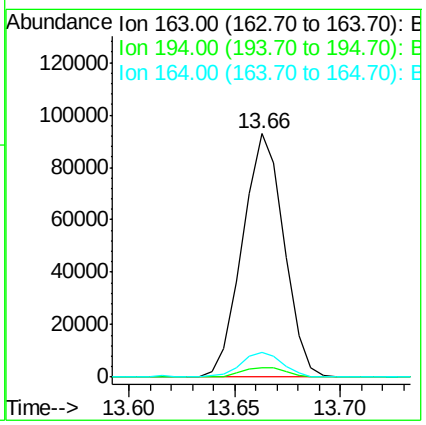


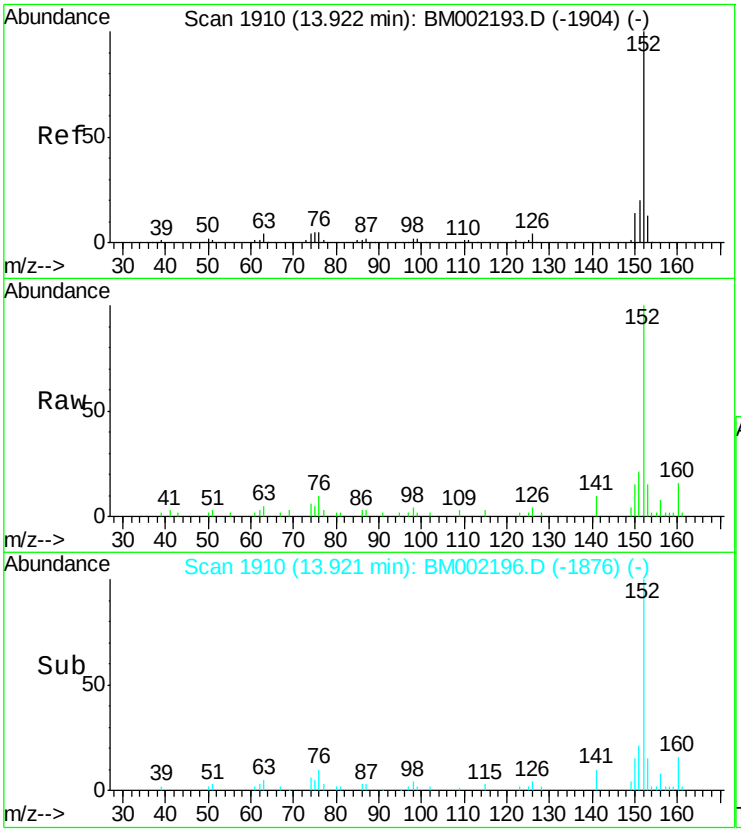


#45
Dimethylphthalate
Concen: 6.89 ng/ul
RT: 13.66 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Tgt Ion:163 Resp: 127191

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.9	8.0	12.0



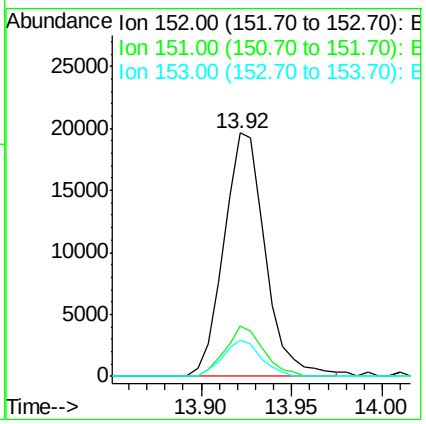


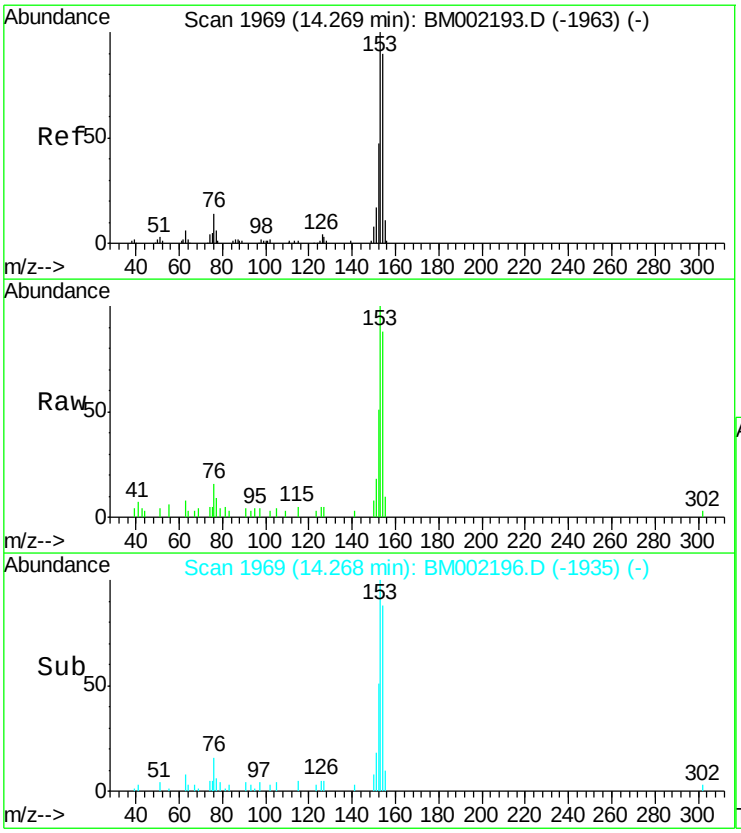
#48
Acenaphthylene
Concen: 1.30 ng/ul
RT: 13.92 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
C02L6

Tgt Ion:152 Resp: 31116

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.6	23.4
153	15.1	10.3	15.5

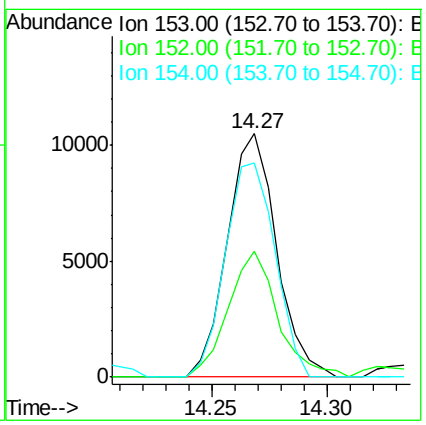


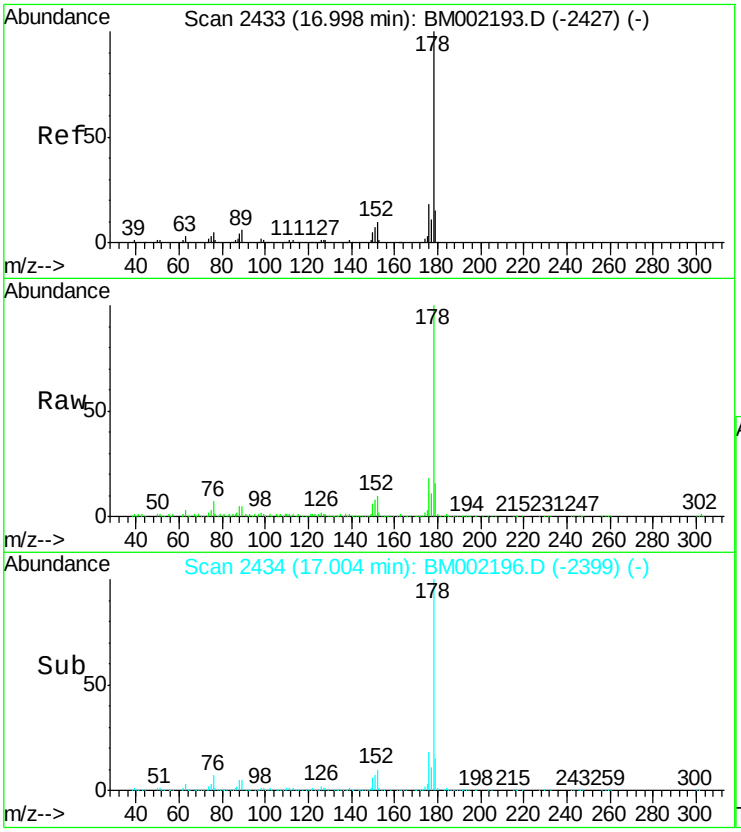


#50
Acenaphthene
Concen: 1.00 ng/ul
RT: 14.27 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Tgt Ion:153 Resp: 15657

Ion	Ratio	Lower	Upper
153	100		
152	51.5	37.3	55.9
154	88.1	71.4	107.2



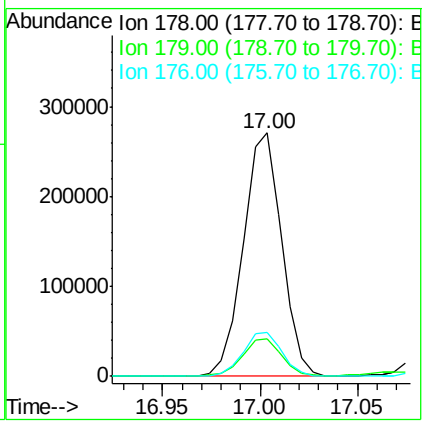


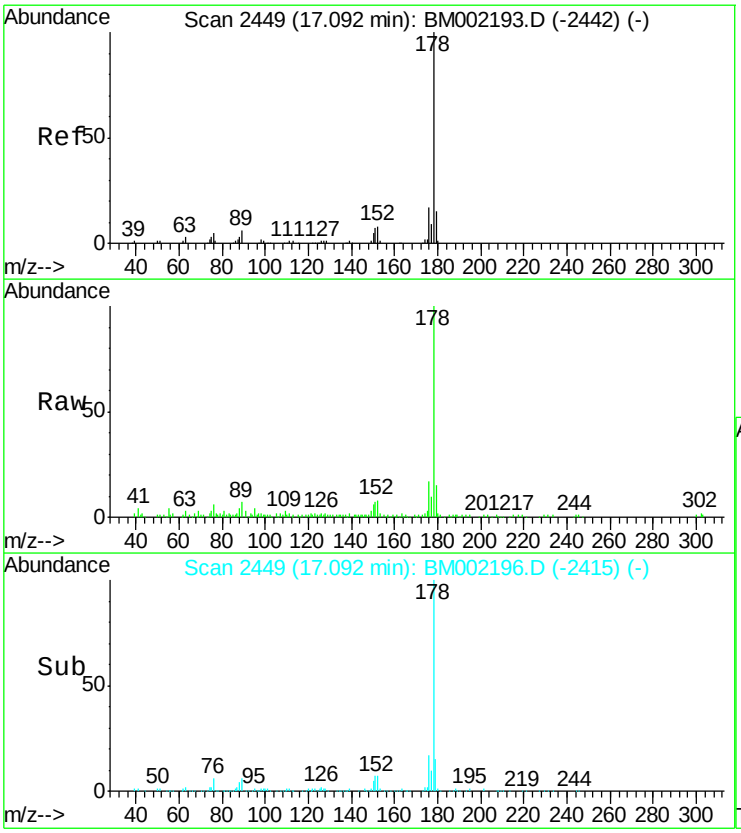
#70
Phenanthrene
Concen: 12.63 ng/ul
RT: 17.00 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
C02L6

Tgt Ion:178 Resp: 366567

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.2	14.2	21.4

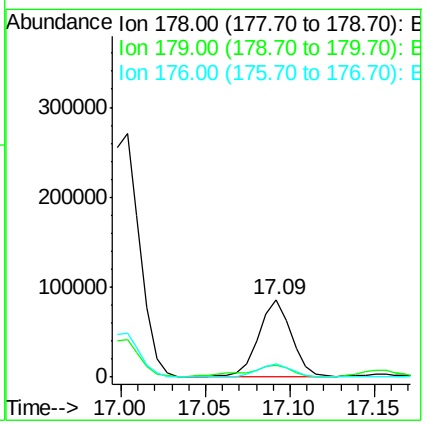


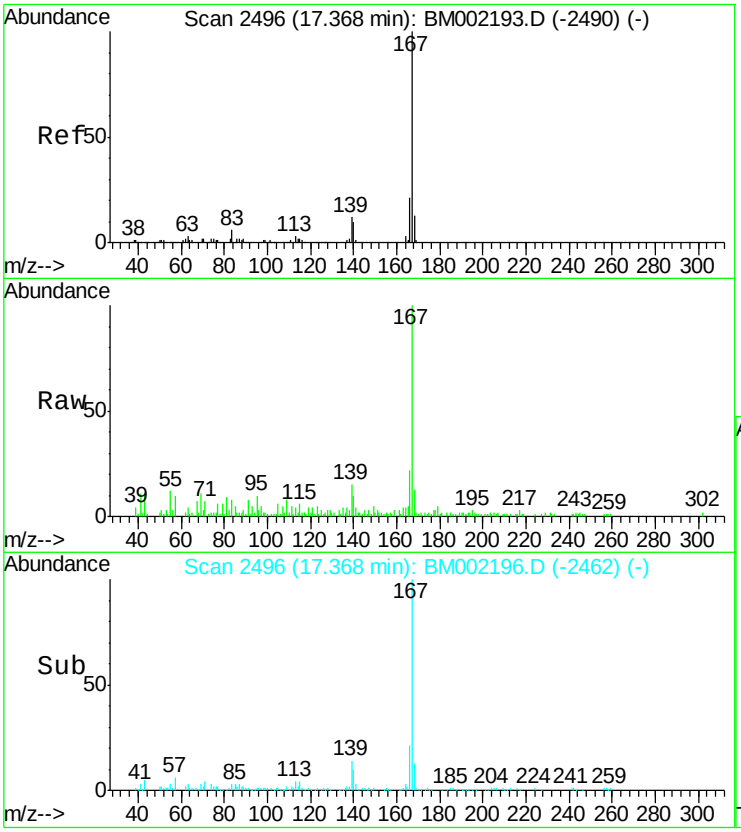


#72
Anthracene
Concen: 3.84 ng/ul
RT: 17.09 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Tgt Ion:178 Resp: 114078

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	17.2	14.1	21.1



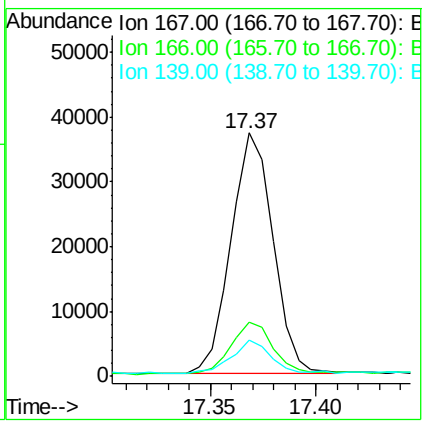


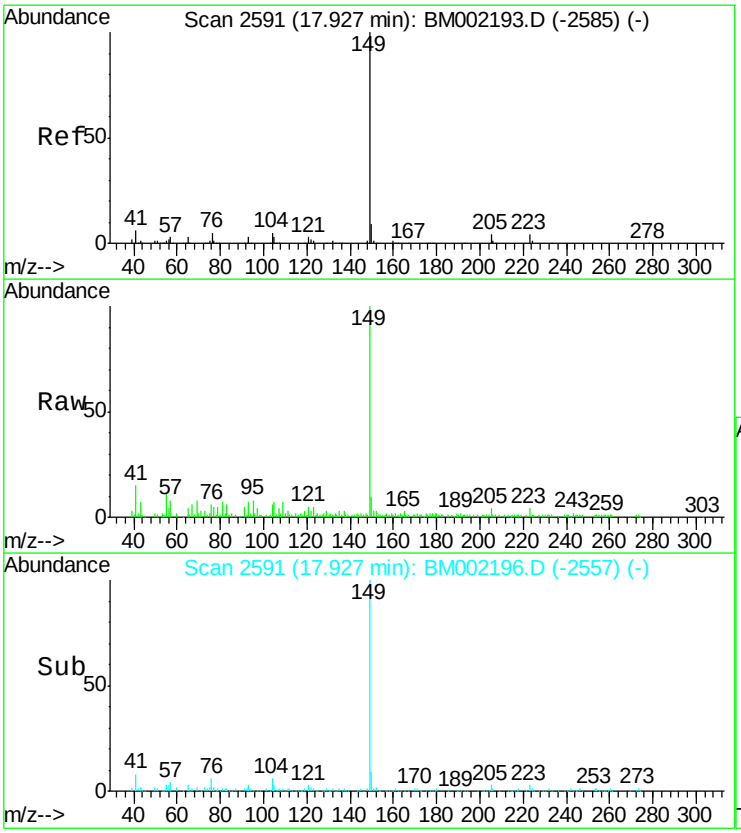
#75
Carbazole
Concen: 2.02 ng/ul
RT: 17.37 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
C02L6

Tgt Ion:167 Resp: 51221

Ion	Ratio	Lower	Upper
167	100		
166	22.3	16.2	24.4
139	14.7	9.6	14.4#

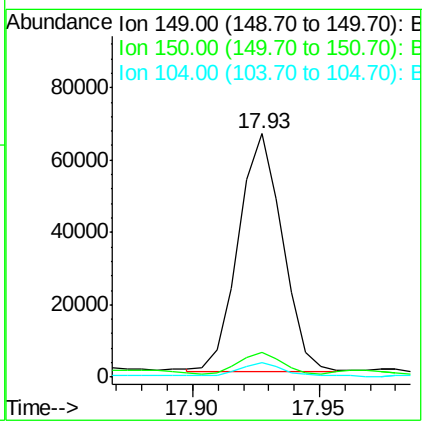


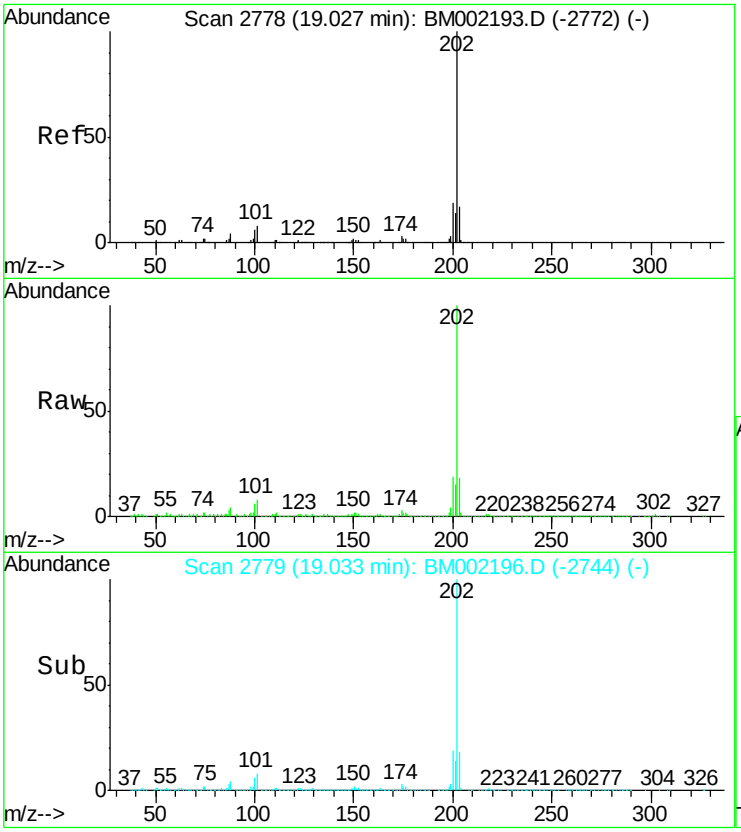


#76
Di-n-butylphthalate
Concen: 2.62 ng/ul
RT: 17.93 min Scan# 2591
Delta R.T. -0.00 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Tgt Ion:149 Resp: 79304

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.0	10.4
104	5.9	4.2	6.2



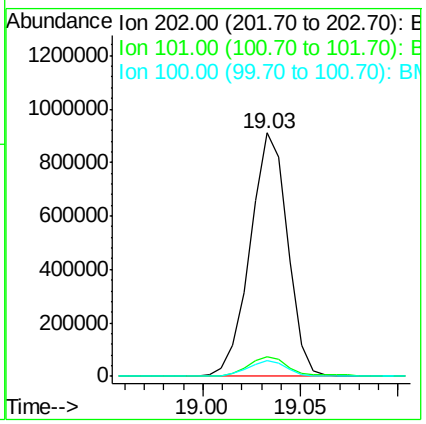


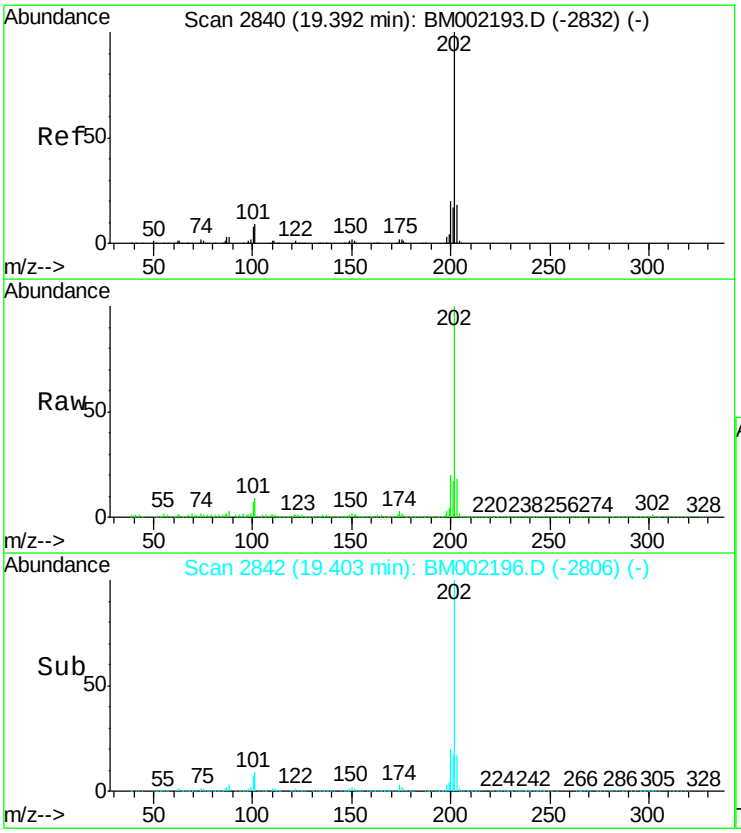
#77
Fluoranthene
Concen: 35.96 ng/ul
RT: 19.03 min Scan# 2779
Delta R.T. 0.01 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
C02L6

Tgt Ion:202 Resp: 1205353

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.2	9.4
100	6.4	5.2	7.8

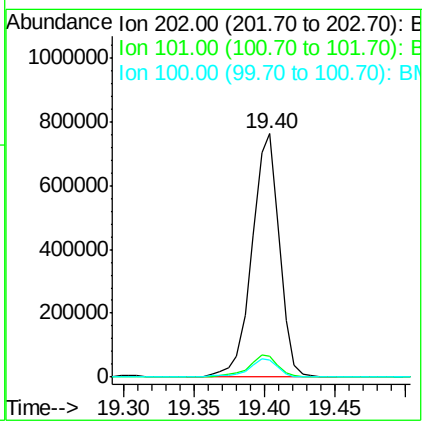


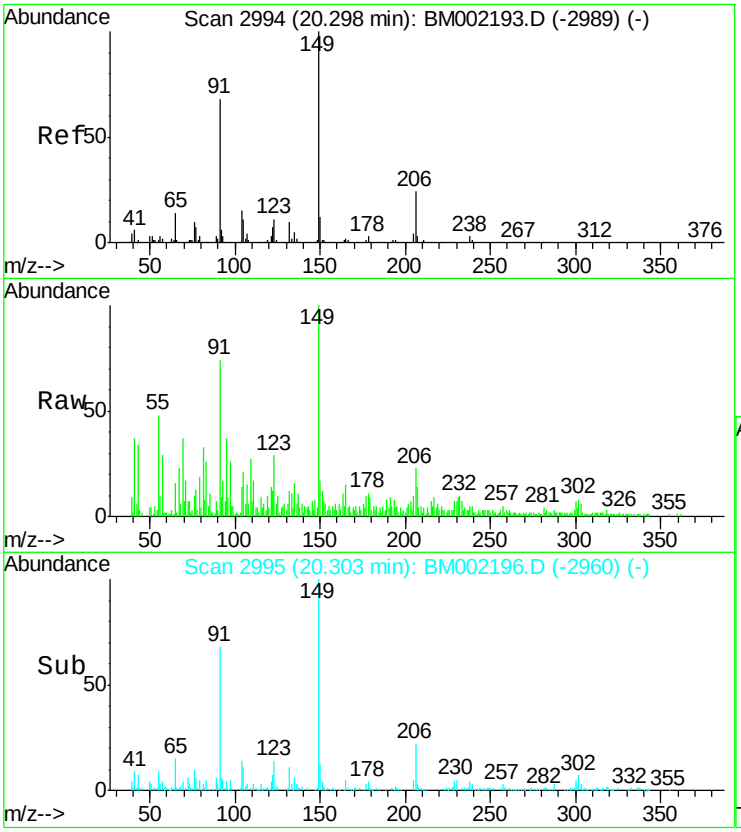


#80
Pyrene
Concen: 36.79 ng/ul
RT: 19.40 min Scan# 2842
Delta R.T. 0.01 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Tgt Ion:202 Resp: 1037000

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.4	11.2
100	7.2	6.3	9.5



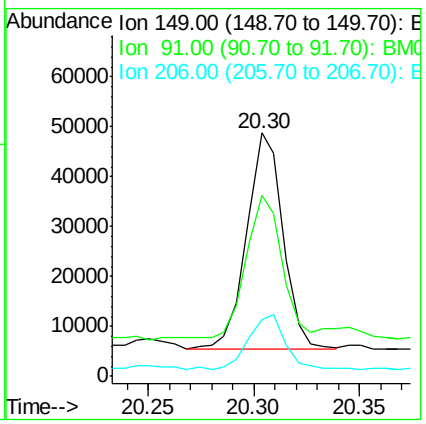


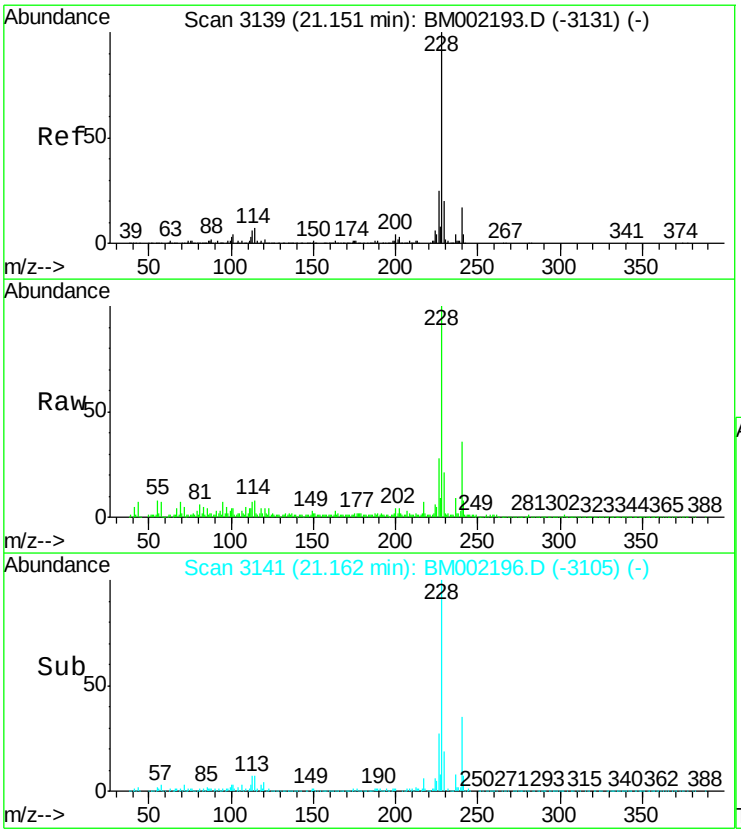
#81
Butylbenzylphthalate
Concen: 4.84 ng/ul
RT: 20.30 min Scan# 2995
Delta R.T. 0.01 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
C02L6

Tgt Ion:149 Resp: 52085

Ion	Ratio	Lower	Upper
149	100		
91	74.5	52.4	78.6
206	23.0	19.9	29.9

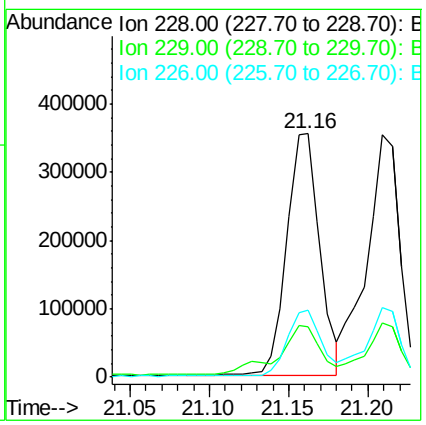


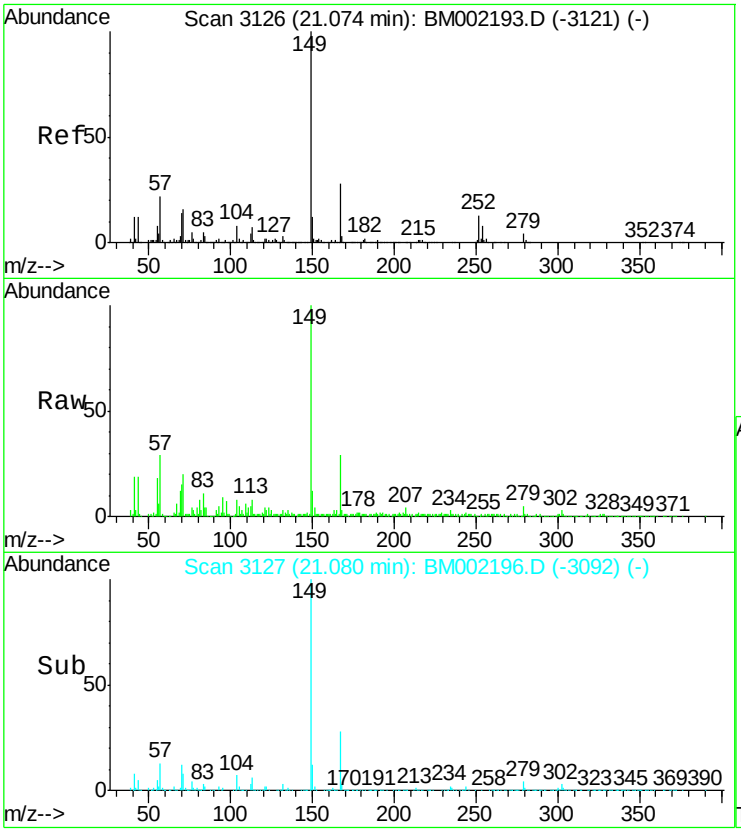


#83
Benzo(a)anthracene
Concen: 17.81 ng/ul
RT: 21.16 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Tgt Ion:228 Resp: 511541

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.2
226	27.7	20.5	30.7



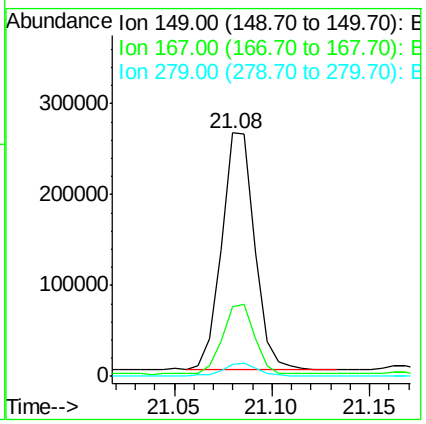


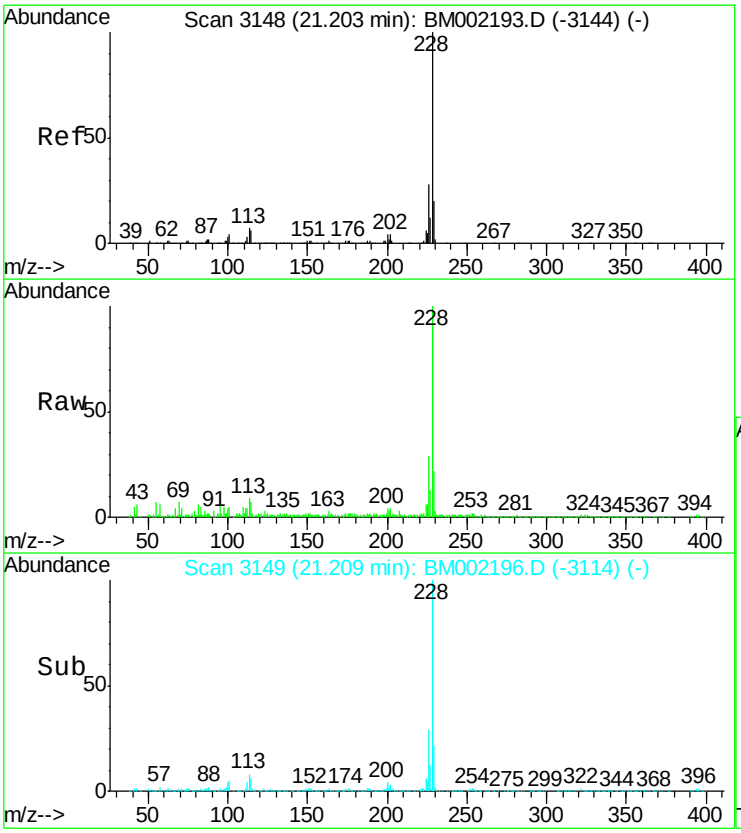
#84
Bis(2-ethylhexyl)phthalate
Concen: 18.55 ng/ul
RT: 21.08 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
C02L6

Tgt Ion:149 Resp: 305727

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.6	35.4
279	4.8	4.2	6.4

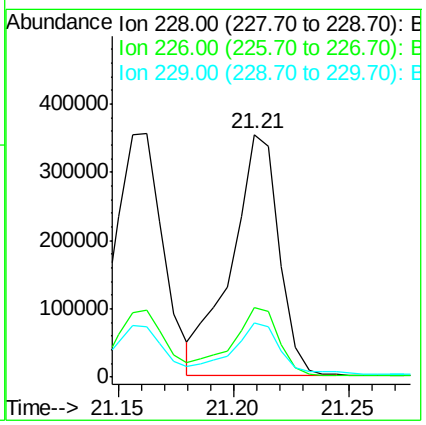


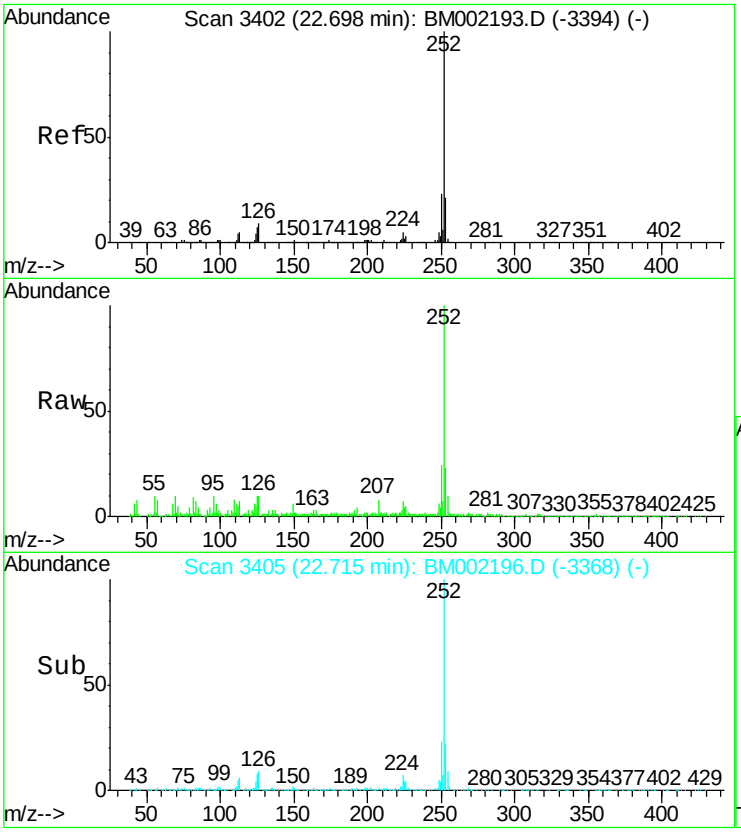


#85
Chrysene
Concen: 18.95 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Tgt Ion:228 Resp: 509047

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	22.1	15.5	23.3



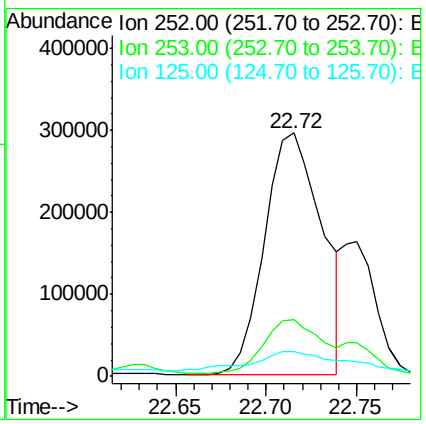


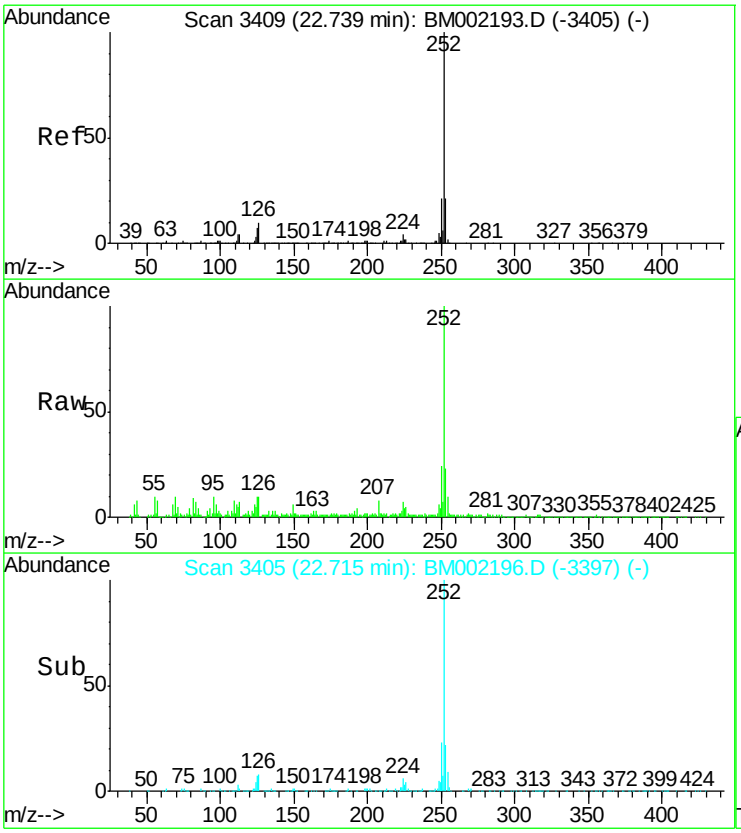
#88
Benzo(b)fluoranthene
Concen: 23.39 ng/ul
RT: 22.72 min Scan# 3405
Delta R.T. 0.02 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
C02L6

Tgt Ion:252 Resp: 652375

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.9	25.3
125	10.3	6.2	9.2#

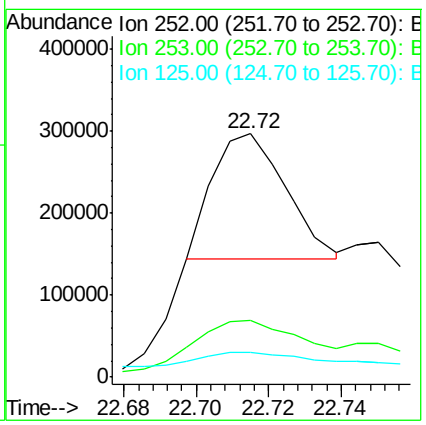


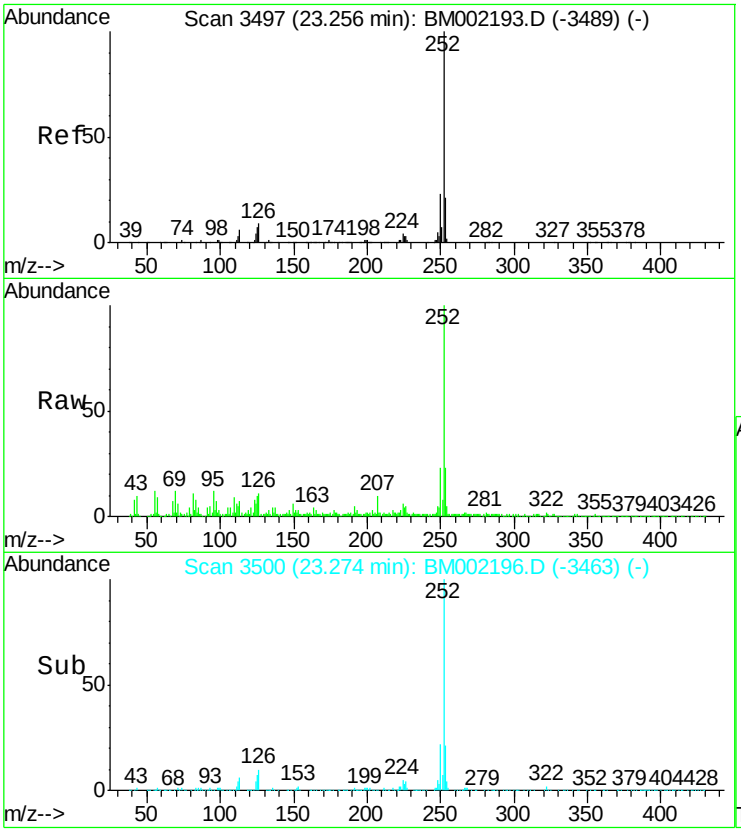


#89
Benzo(k)fluoranthene
Concen: 8.02 ng/ul
RT: 22.72 min Scan# 3405
Delta R.T. -0.02 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Tgt Ion:252 Resp: 215776

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	10.3	6.2	9.4#



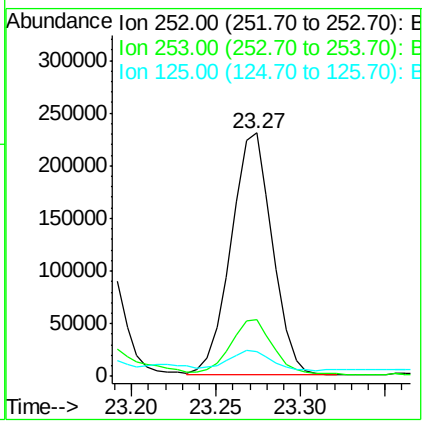


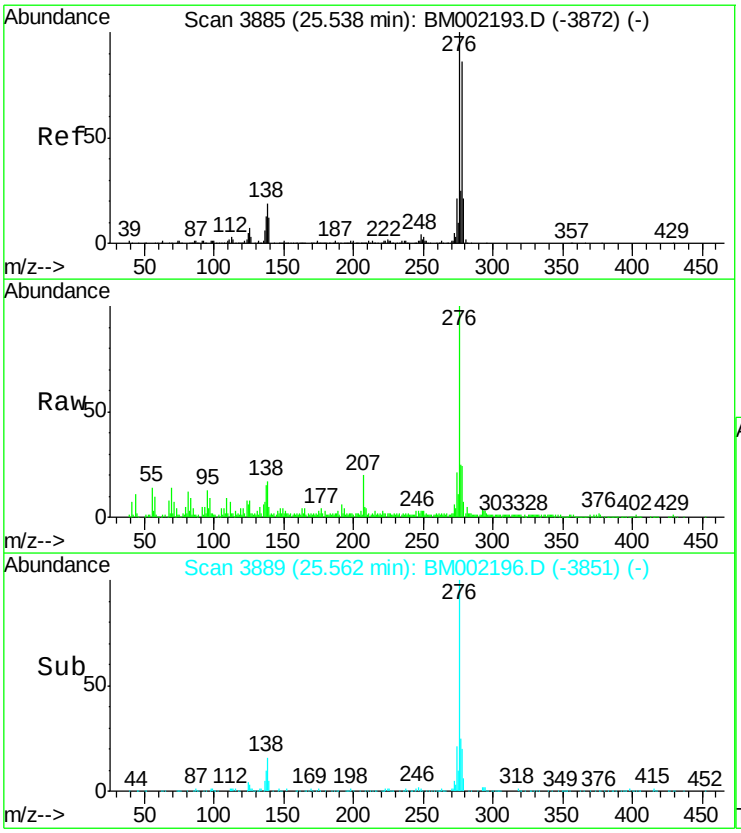
#91
Benzo(a)pyrene
Concen: 14.51 ng/ul
RT: 23.27 min Scan# 3500
Delta R.T. 0.02 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
C02L6

Tgt Ion:252 Resp: 390572

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	10.1	6.6	10.0#

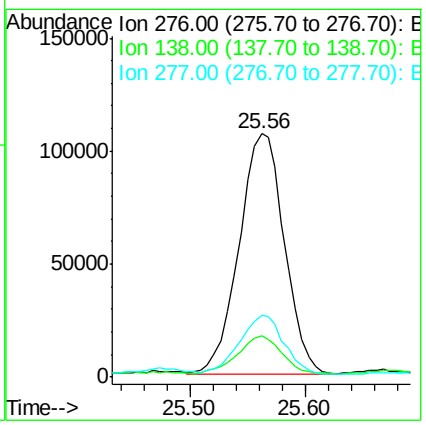


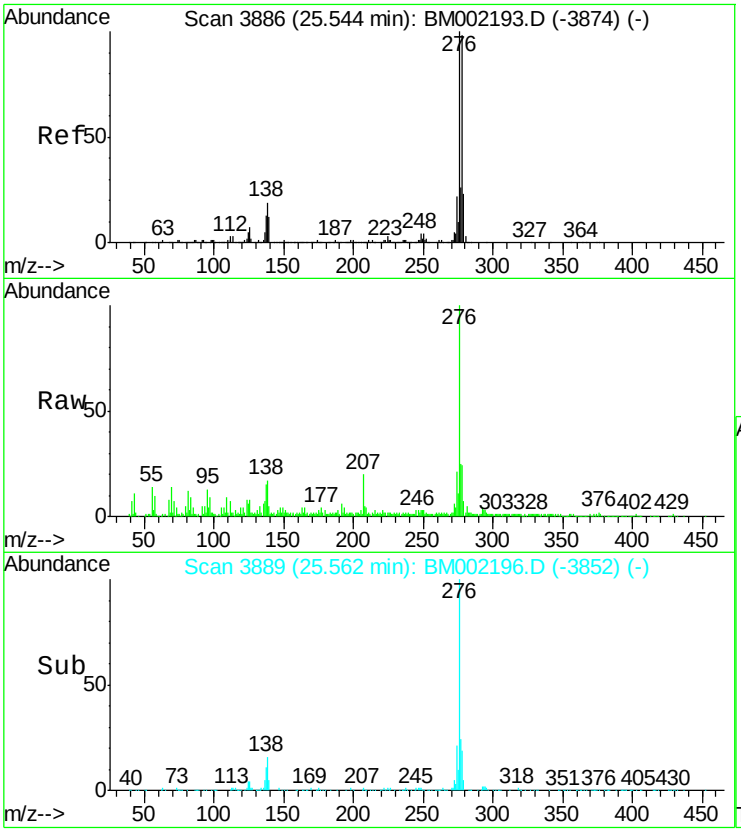


#92
Indeno(1,2,3-cd)pyrene
Concen: 9.37 ng/ul
RT: 25.56 min Scan# 3889
Delta R.T. 0.02 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Tgt Ion:276 Resp: 290832

Ion	Ratio	Lower	Upper
276	100		
138	17.0	16.2	24.2
277	25.5	19.8	29.8



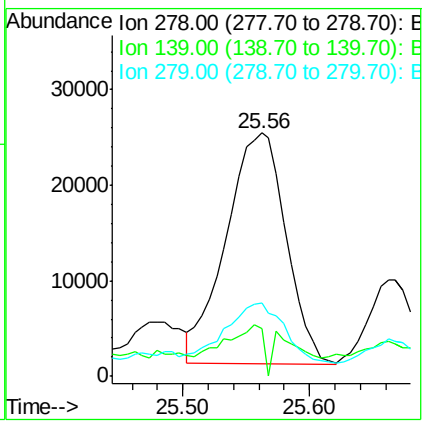


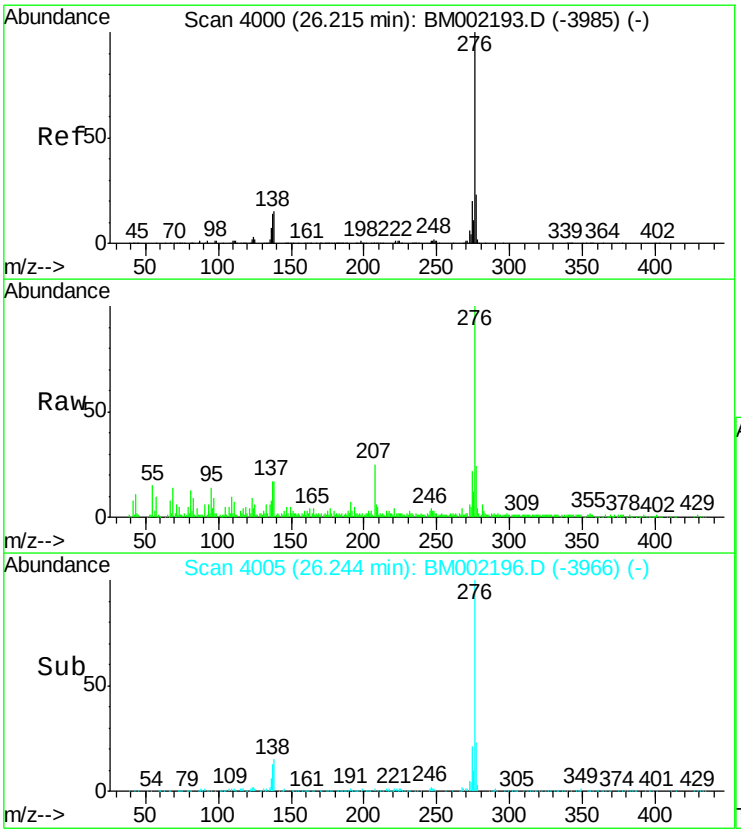
#93
Dibenzo(a,h)anthracene
Concen: 2.98 ng/ul
RT: 25.56 min Scan# 3889
Delta R.T. 0.02 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Instrument :
BNA_M
ClientSampleId :
C02L6

Tgt Ion:278 Resp: 79209

Ion	Ratio	Lower	Upper
278	100		
139	19.8	10.6	16.0#
279	30.2	18.5	27.7#





#94
Benzo(g,h,i)perylene
Concen: 10.13 ng/ul
RT: 26.24 min Scan# 4005
Delta R.T. 0.03 min
Lab File: BM002196.D
Acq: 03 Aug 2015 14:16

Tgt Ion:276 Resp: 263339

Ion	Ratio	Lower	Upper
276	100		
138	16.7	13.8	20.6
277	24.2	18.2	27.2