Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005471.D
Acq On : 18 May 2016 16:05
Operator : UM/SJ
Sample : H2844-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

Quant Time: May 19 01:43:46 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 14:47:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	31440	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	163450	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	115148	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	304627	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	468359	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	553588	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	667	0.82	ng/uL	0.00
5) Phenol-d5	6.99	99	16383	5.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	49408	29.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	50594	21.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	34392	13.37	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	32731	27.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	36140	28.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	64499	25.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	641	0.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	297785	31.46	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	340853	30.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	10448	5.38	ng/ul	0.00
57) Fluorene-d10	15.46	176	271464	32.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	41335	25.74	ng/ul	0.00
70) Anthracene-d10	17.30	188	475886	33.96	ng/ul	0.00
76) Pyrene-d10	19.59	212	609287	32.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	845948	34.18	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.98	77	1769	1.20	ng/ul	84
14) Acetophenone	8.66	105	688	0.18	ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.53	70	736	0.34	ng/ul#	1
21) Isophorone	9.71	82	3472	0.58	ng/ul#	67
28) Naphthalene	10.68	128	408	0.05	ng/ul#	69
45) 2,6-Dinitrotoluene	14.02	165	523	0.28	ng/ul#	26
56) Diethylphthalate	15.29	149	884	0.09	ng/ul#	59
58) Fluorene	15.46	166	285	0.03	ng/ul#	9
69) Phenanthrene	17.25	178	1163	0.07	ng/ul#	60
71) Anthracene	17.25	178	1163	0.07	ng/ul#	60
72) Carbazole	17.60	167	545	0.04	ng/ul#	60
73) Di-n-butylphthalate	18.18	149	1245	0.06	ng/ul#	78
74) Fluoranthene	19.26	202	930	0.05	ng/ul#	72
77) Pyrene	19.62	202	1096	0.04	ng/ul#	69
78) Butylbenzylphthalate	20.53	149	522	0.05	ng/ul#	22
80) Benzo(a)anthracene	21.38	228	1910	0.07	ng/ul#	52
81) Bis(2-ethylhexyl)phthalate	21.30	149	894	0.06	ng/ul#	52
82) Chrysene	21.42	228	799	0.03	ng/ul#	50
84) Di-n-octyl phthalate	22.20	149	325	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	22.98	252	1606	0.05	ng/ul#	15
86) Benzo(k)fluoranthene	23.00	252	117	0.00	ng/ul#	10
88) Benzo(a)pyrene	23.52	252	3988	0.13	ng/ul#	56
89) Indeno(1,2,3-cd)pyrene	25.96	276	113	0.00	ng/ul#	49

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005471.D
Acq On : 18 May 2016 16:05
Operator : UM/SJ
Sample : H2844-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB7

Quant Time: May 19 01:43:46 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 14:47:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

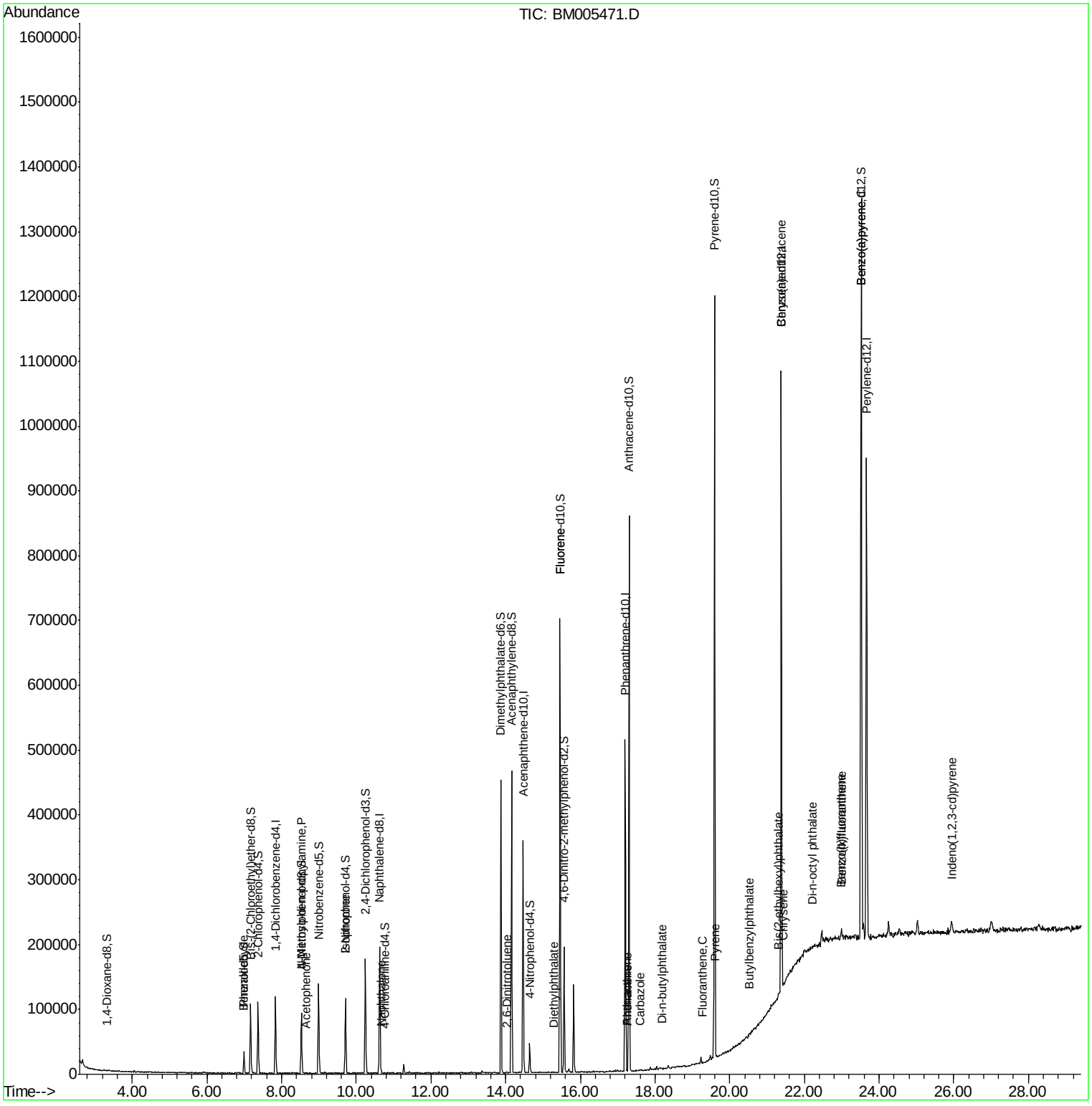
(#) = qualifier out of range (m) = manual integration (+) = signals summed

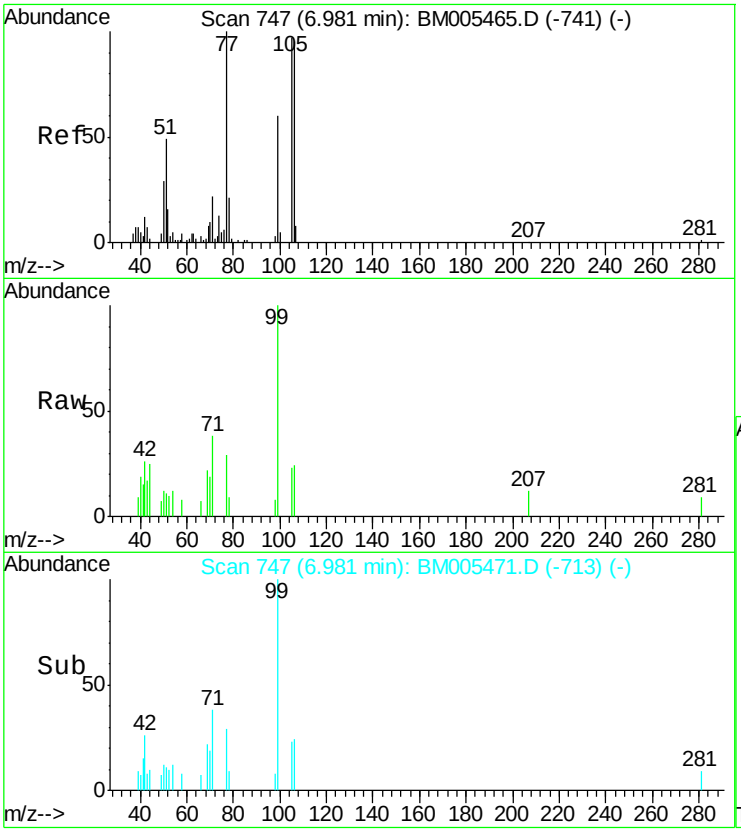
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005471.D
Acq On : 18 May 2016 16:05
Operator : UM/SJ
Sample : H2844-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

Quant Time: May 19 01:43:46 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 14:47:27 2016
Response via : Initial Calibration



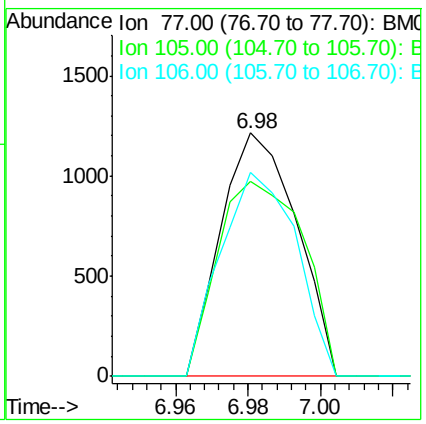


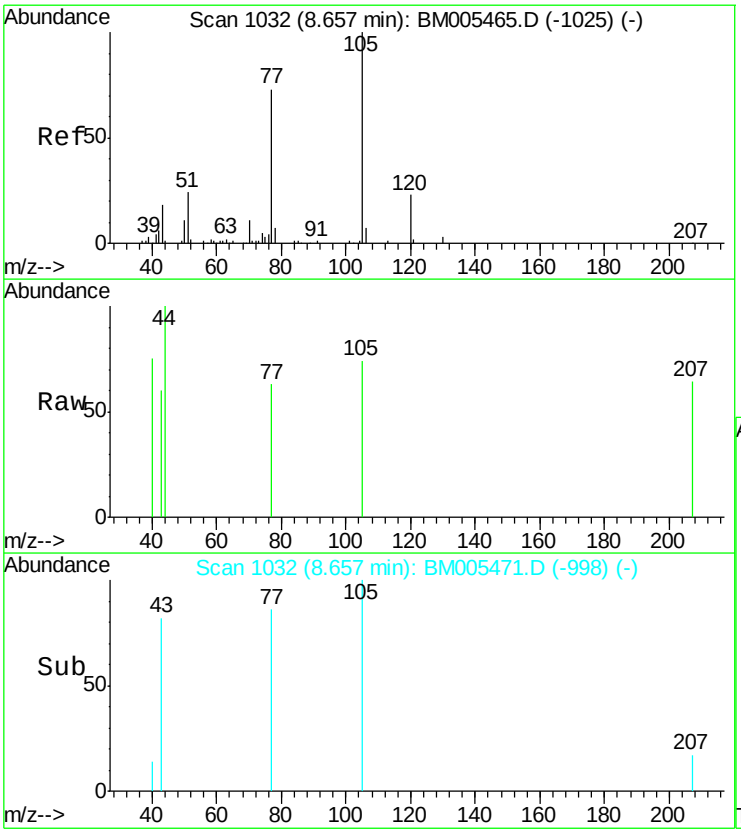
#4
Benzaldehyde
Concen: 1.20 ng/ul
RT: 6.98 min Scan# 747
Delta R.T. 0.00 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion: 77 Resp: 1769

Ion	Ratio	Lower	Upper
77	100		
105	80.3	77.6	116.4
106	83.5	77.9	116.9

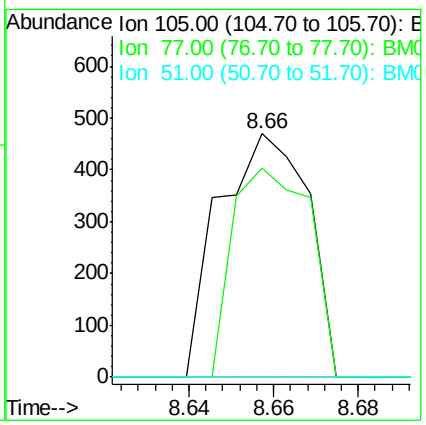


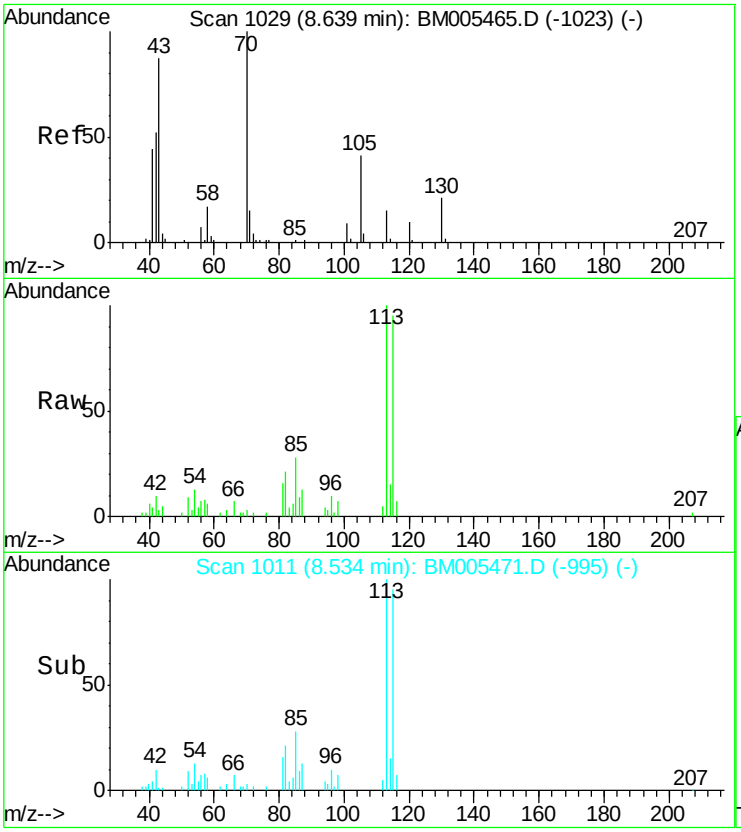


#14
Acetophenone
Concen: 0.18 ng/ul
RT: 8.66 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Tgt Ion:105 Resp: 688

Ion	Ratio	Lower	Upper
105	100		
77	86.0	61.2	91.8
51	0.0	21.2	31.8#



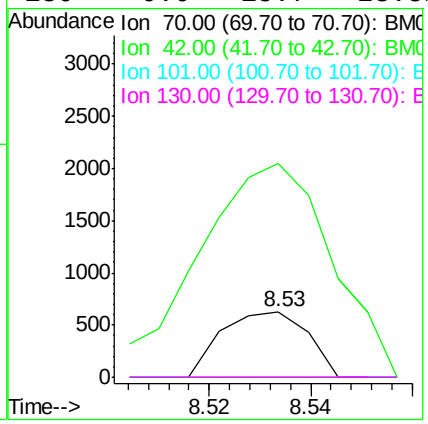


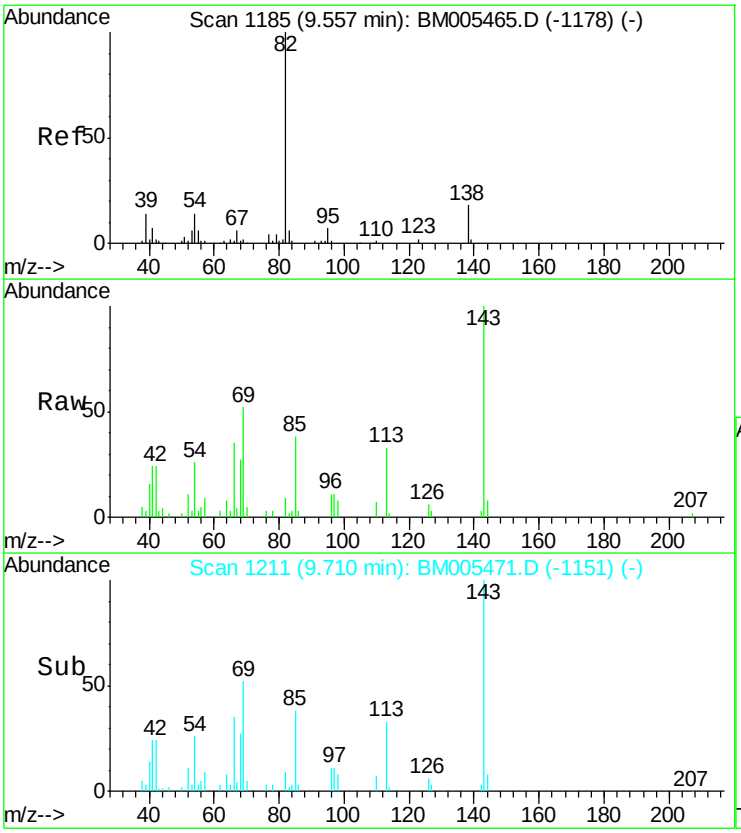
#15
N-Nitroso-di-n-propylamine
Concen: 0.34 ng/ul
RT: 8.53 min Scan# 1011
Delta R.T. -0.11 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion: 70 Resp: 736

Ion	Ratio	Lower	Upper
70	100		
42	324.4	42.8	64.2#
101	0.0	7.8	11.6#
130	0.0	15.7	23.5#

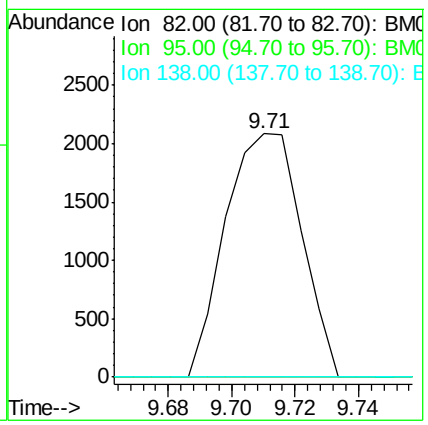


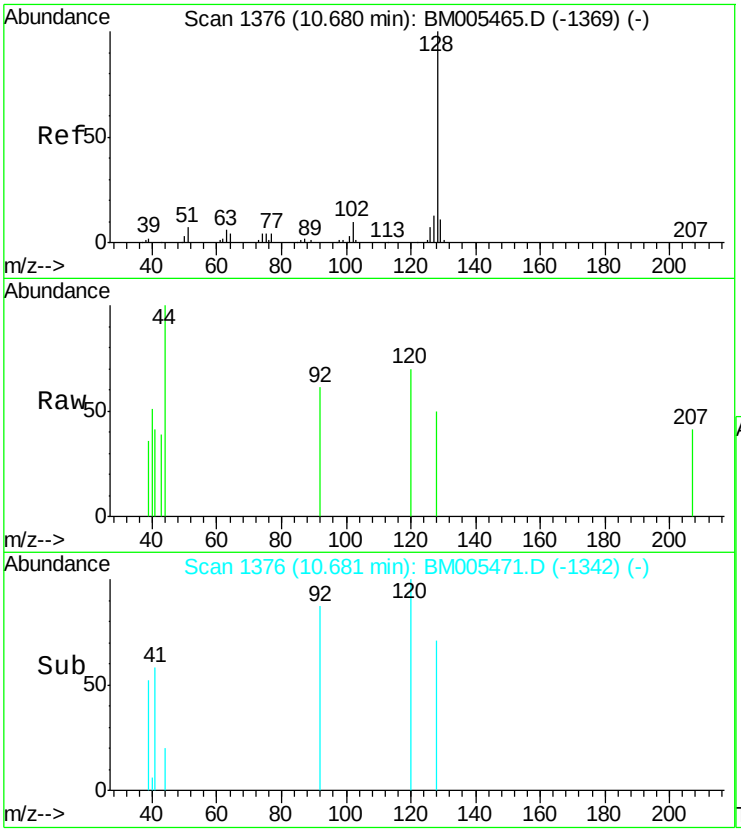


#21
Isophorone
Concen: 0.58 ng/ul
RT: 9.71 min Scan# 1211
Delta R.T. 0.15 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Tgt Ion: 82 Resp: 3472

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.2#



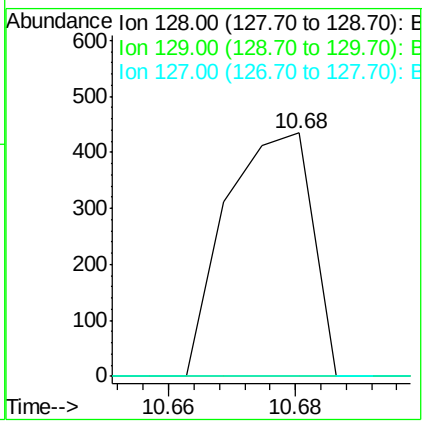


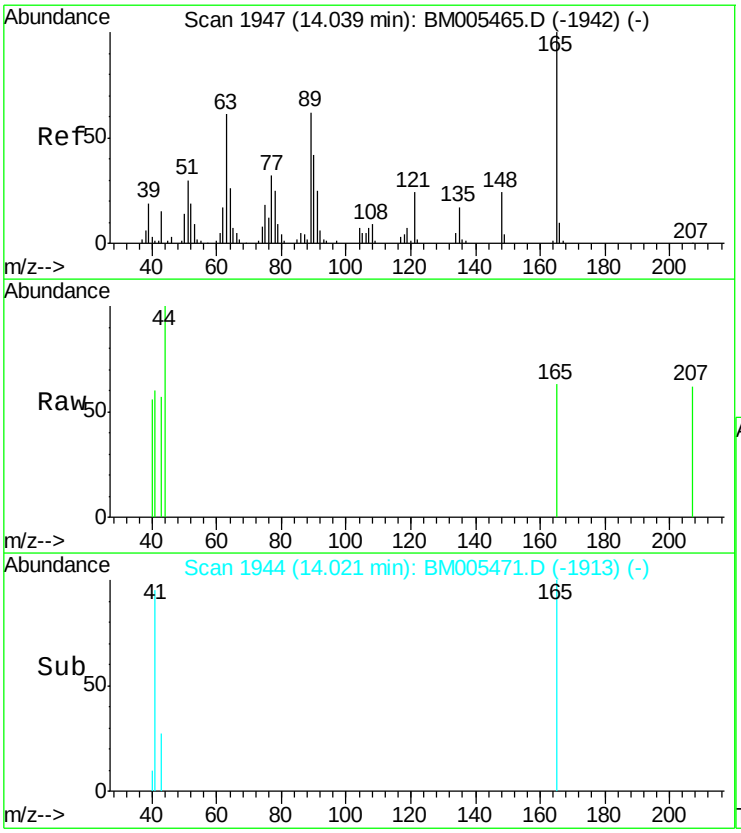
#28
Naphthalene
Concen: 0.05 ng/ul
RT: 10.68 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:128 Resp: 408

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.4	12.6#
127	0.0	10.8	16.2#

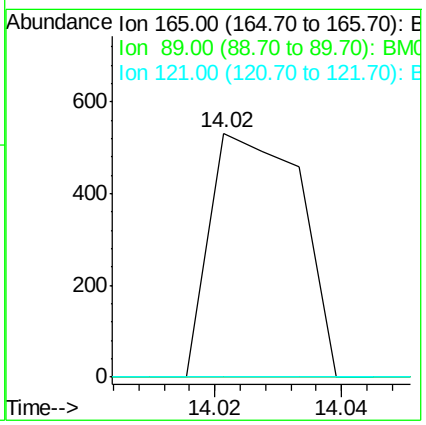


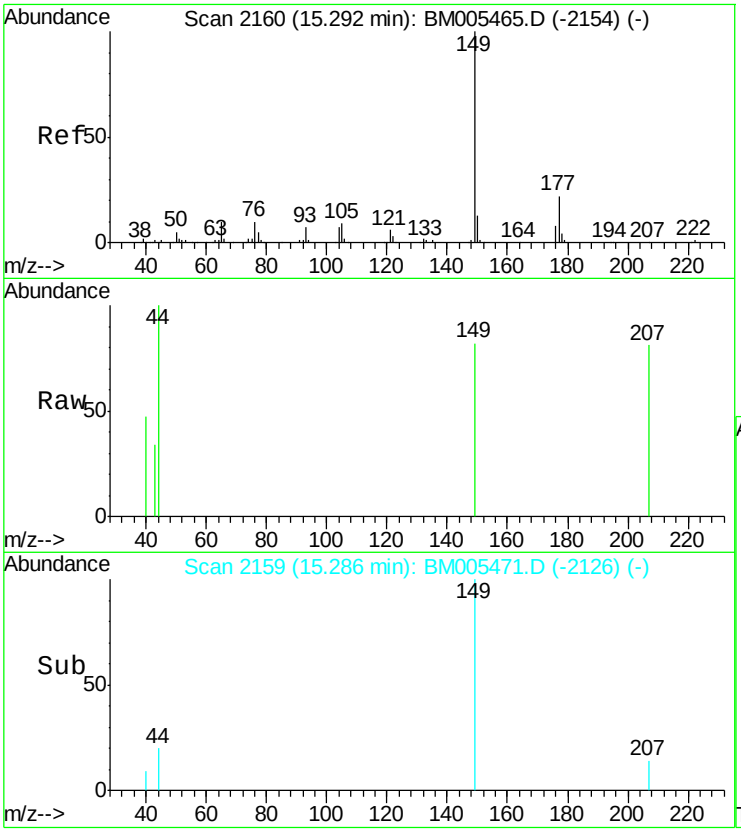


#45
2,6-Dinitrotoluene
Concen: 0.28 ng/ul
RT: 14.02 min Scan# 1944
Delta R.T. -0.02 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Tgt Ion:165 Resp: 523

Ion	Ratio	Lower	Upper
165	100		
89	0.0	52.2	78.4#
121	0.0	21.0	31.4#



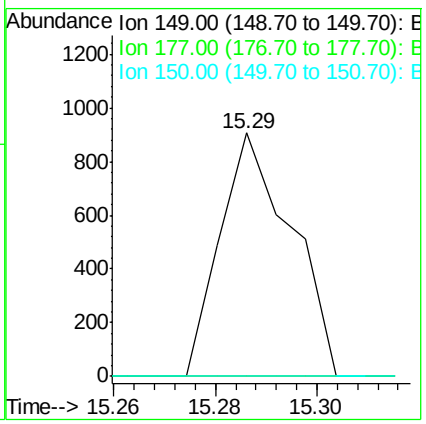


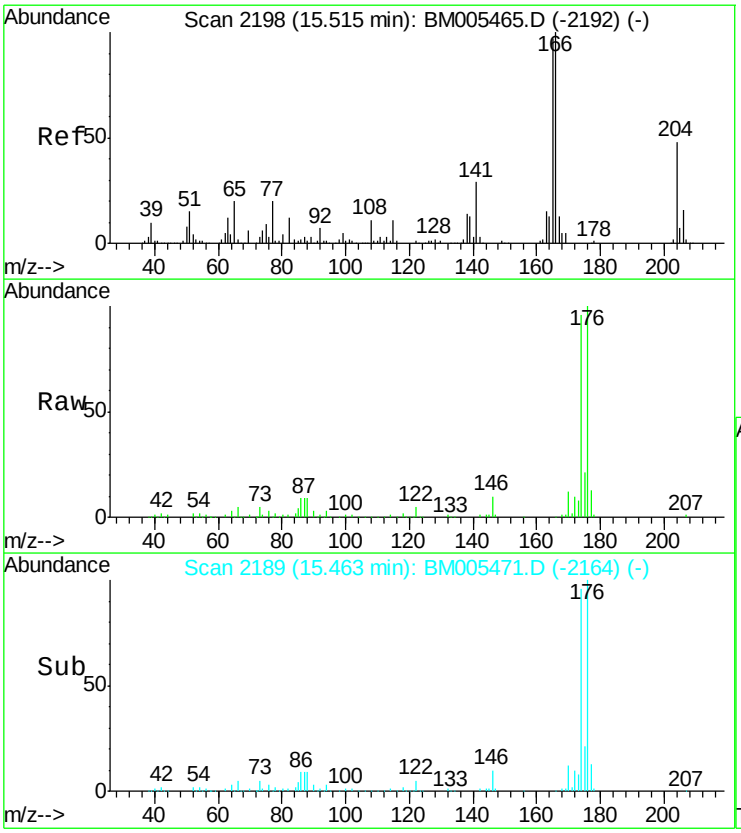
#56
Diethylphthalate
Concen: 0.09 ng/ul
RT: 15.29 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:149 Resp: 884

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.6	26.4#
150	0.0	9.8	14.8#

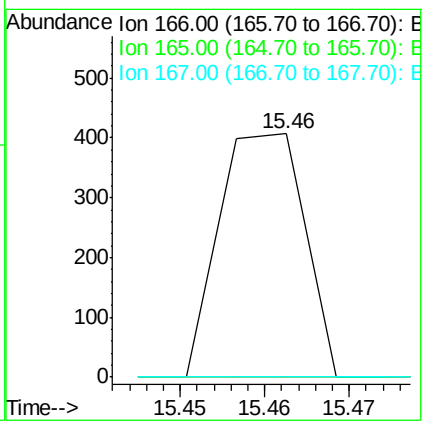


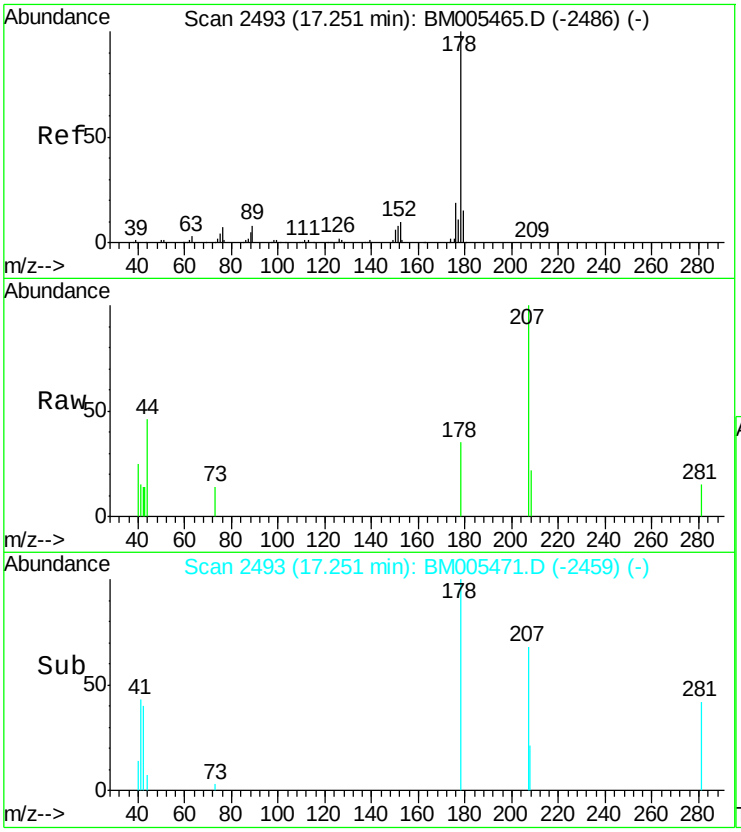


#58
Fluorene
Concen: 0.03 ng/ul
RT: 15.46 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Tgt Ion:166 Resp: 285

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.9	116.9#
167	0.0	10.6	16.0#



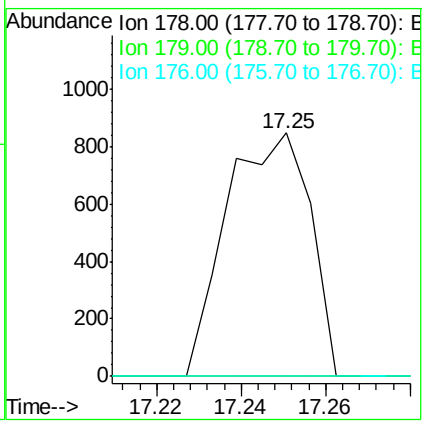


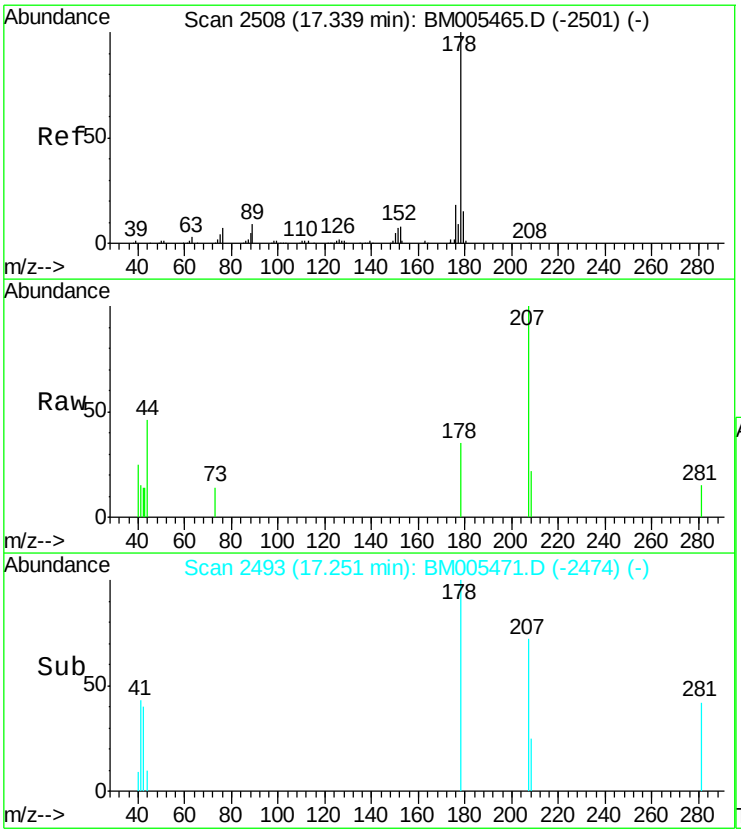
#69
Phenanthrene
Concen: 0.07 ng/ul
RT: 17.25 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:178 Resp: 1163

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.3	18.5#
176	0.0	15.2	22.8#

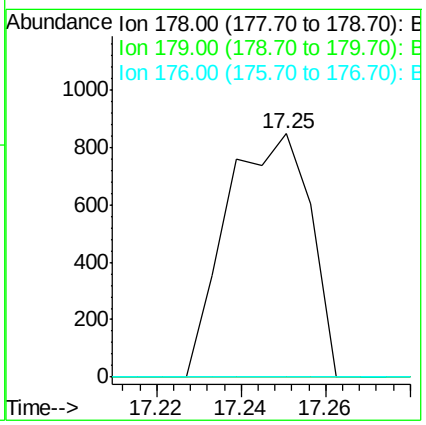


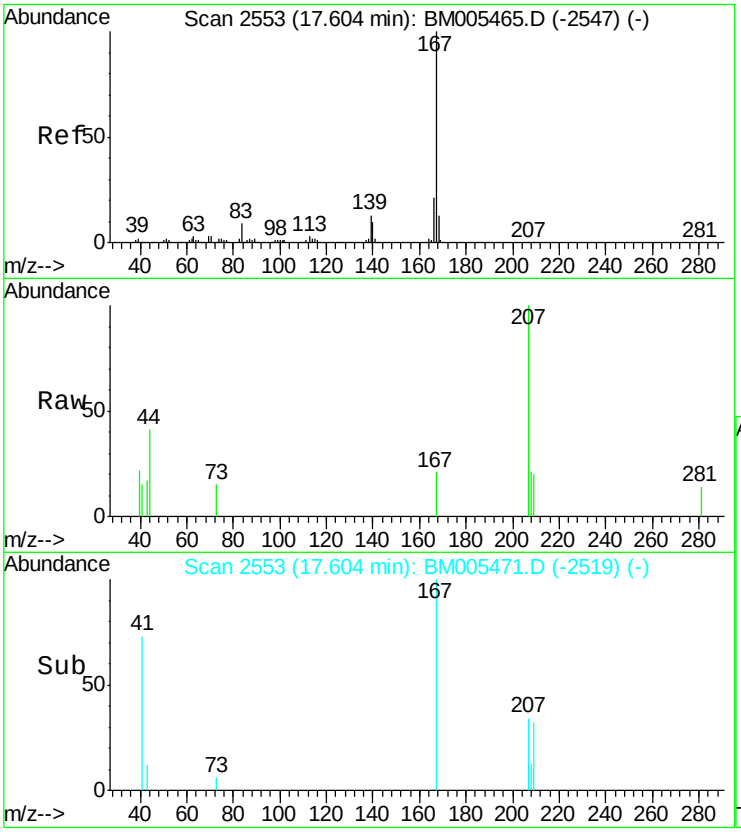


#71
Anthracene
Concen: 0.07 ng/ul
RT: 17.25 min Scan# 2493
Delta R.T. -0.09 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Tgt Ion:178 Resp: 1163

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.4	18.6#
176	0.0	15.1	22.7#



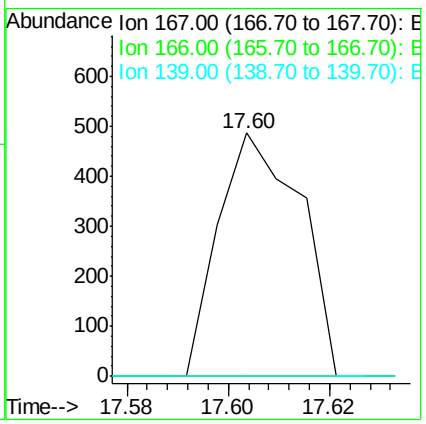


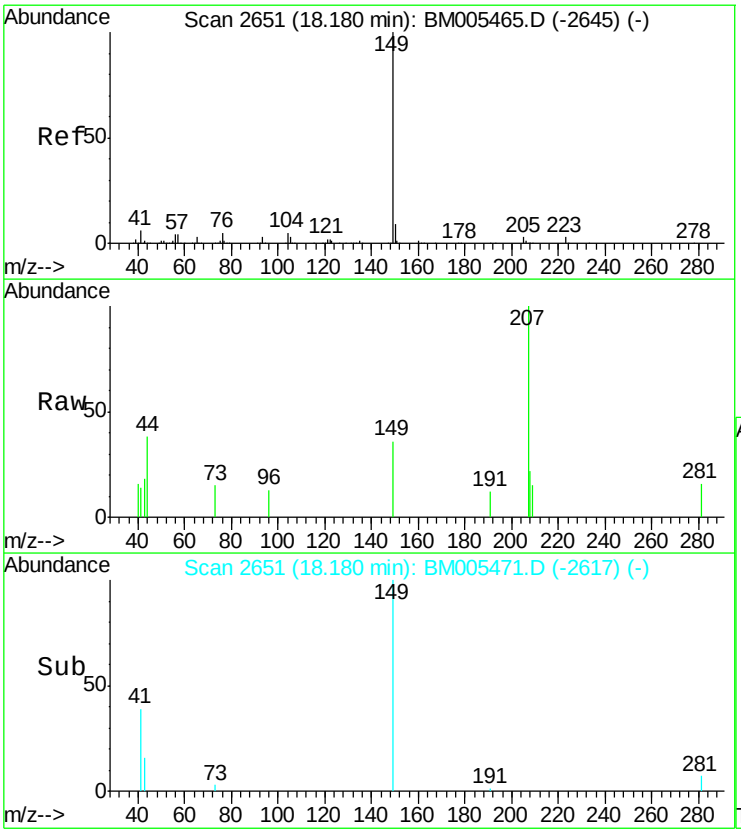
#72
Carbazole
Concen: 0.04 ng/ul
RT: 17.60 min Scan# 2553
Delta R.T. 0.00 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:167 Resp: 545

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.1	25.7#
139	0.0	10.2	15.2#

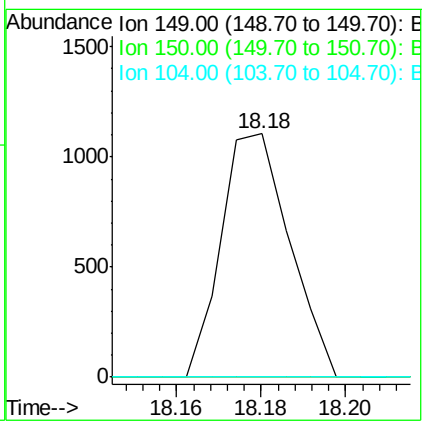


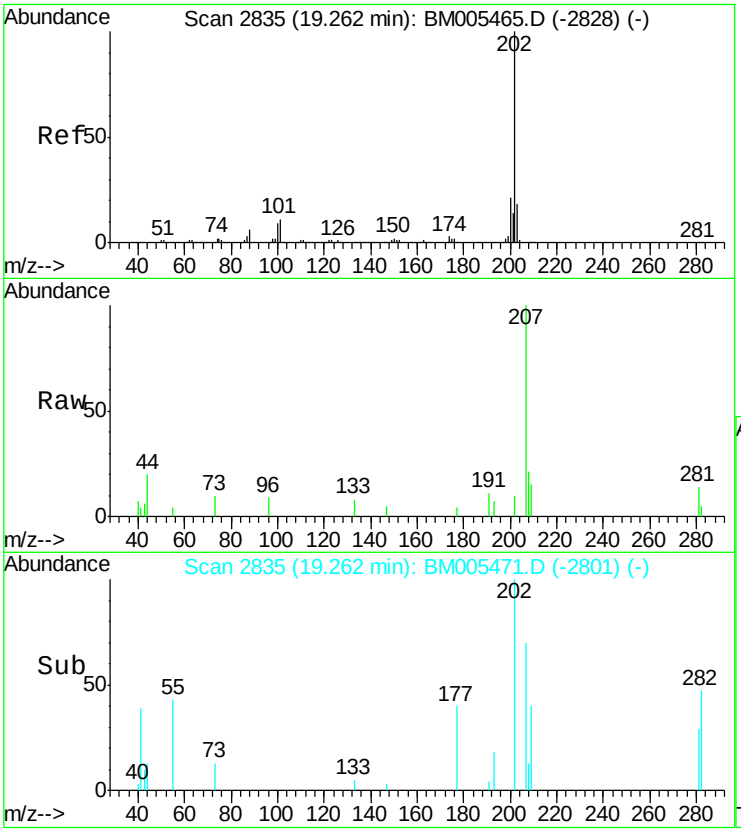


#73
Di-n-butylphthalate
Concen: 0.06 ng/ul
RT: 18.18 min Scan# 2651
Delta R.T. 0.00 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Tgt Ion:149 Resp: 1245

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.3	10.9#
104	0.0	4.1	6.1#



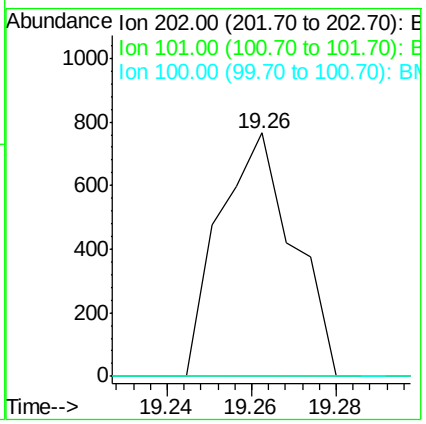


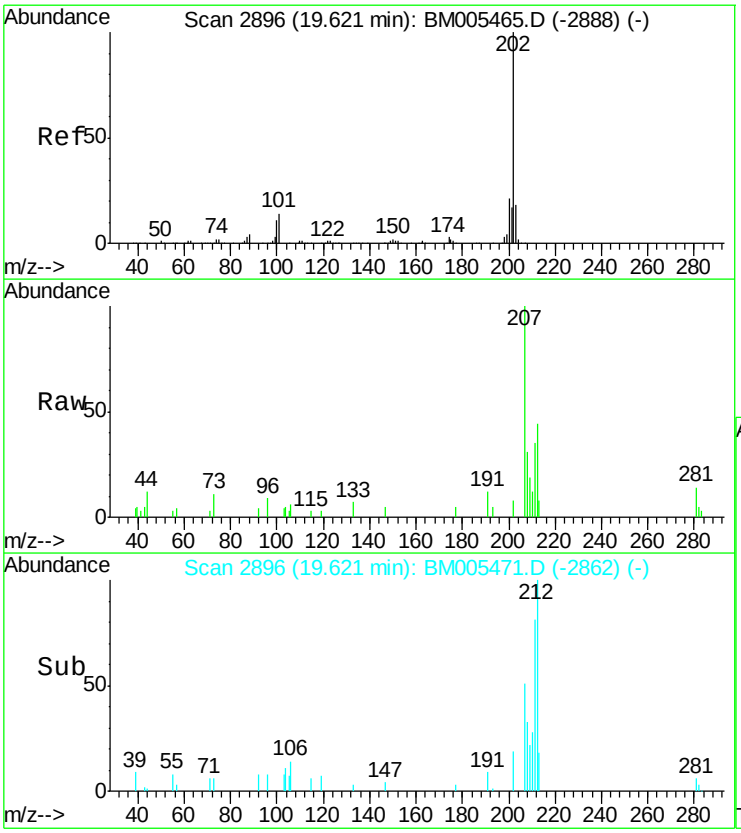
#74
Fluoranthene
Concen: 0.05 ng/ul
RT: 19.26 min Scan# 2835
Delta R.T. 0.00 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:202 Resp: 930

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.2	13.8#
100	0.0	7.1	10.7#

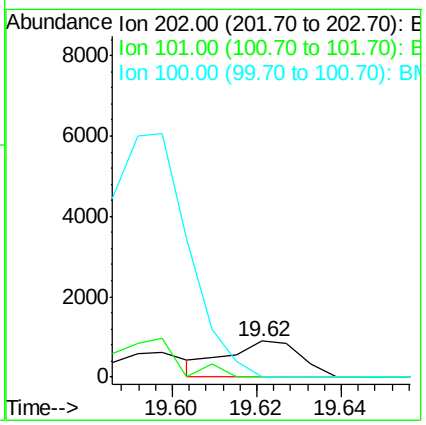


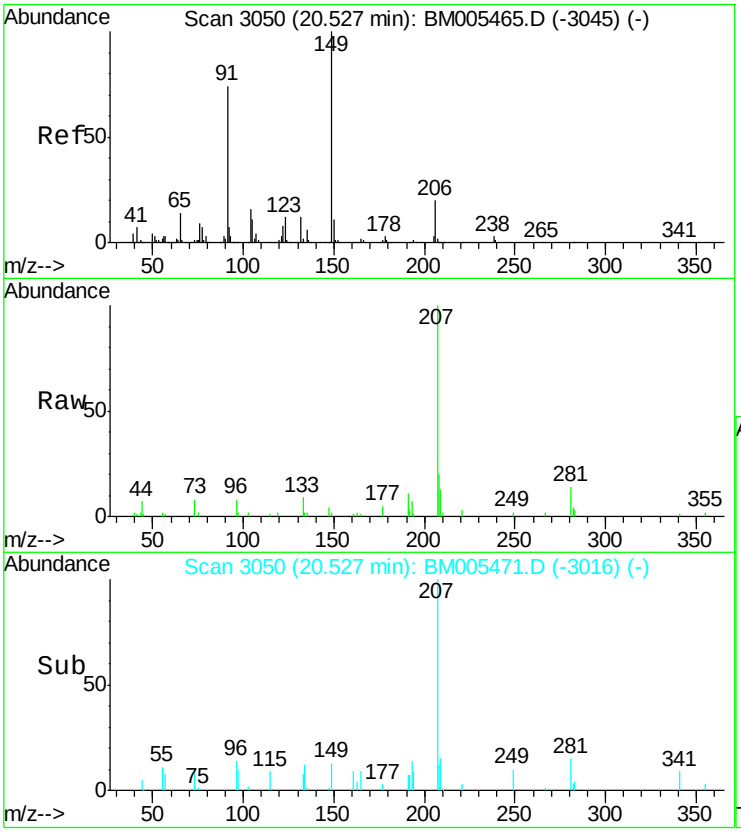


#77
Pyrene
Concen: 0.04 ng/ul
RT: 19.62 min Scan# 2896
Delta R.T. 0.00 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Tgt Ion:202 Resp: 1096

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.8	16.2#
100	0.0	8.4	12.6#



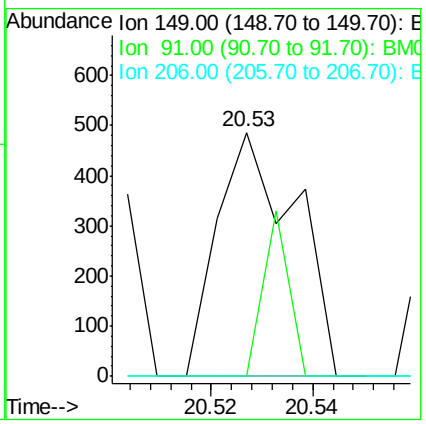


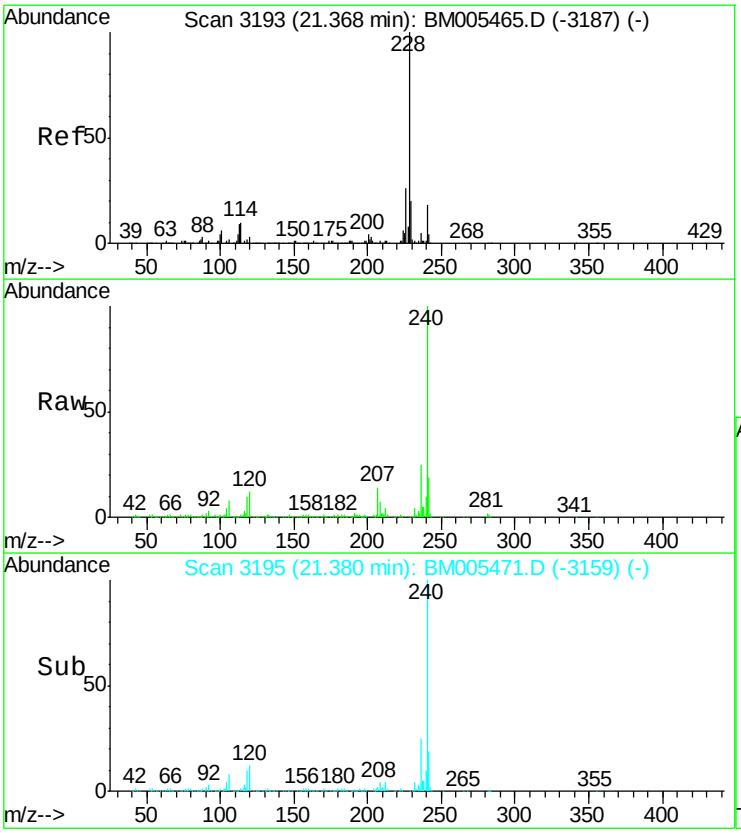
#78
Butylbenzylphthalate
Concen: 0.05 ng/ul
RT: 20.53 min Scan# 3050
Delta R.T. 0.00 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:149 Resp: 522

Ion	Ratio	Lower	Upper
149	100		
91	0.0	58.4	87.6#
206	0.0	17.3	25.9#

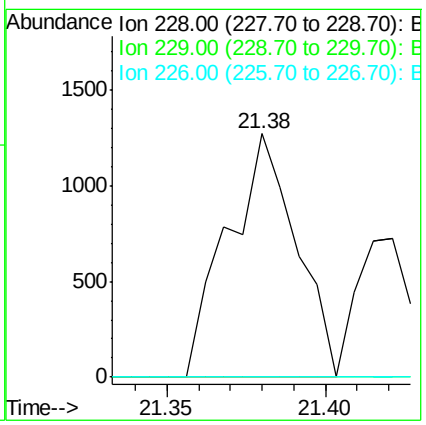


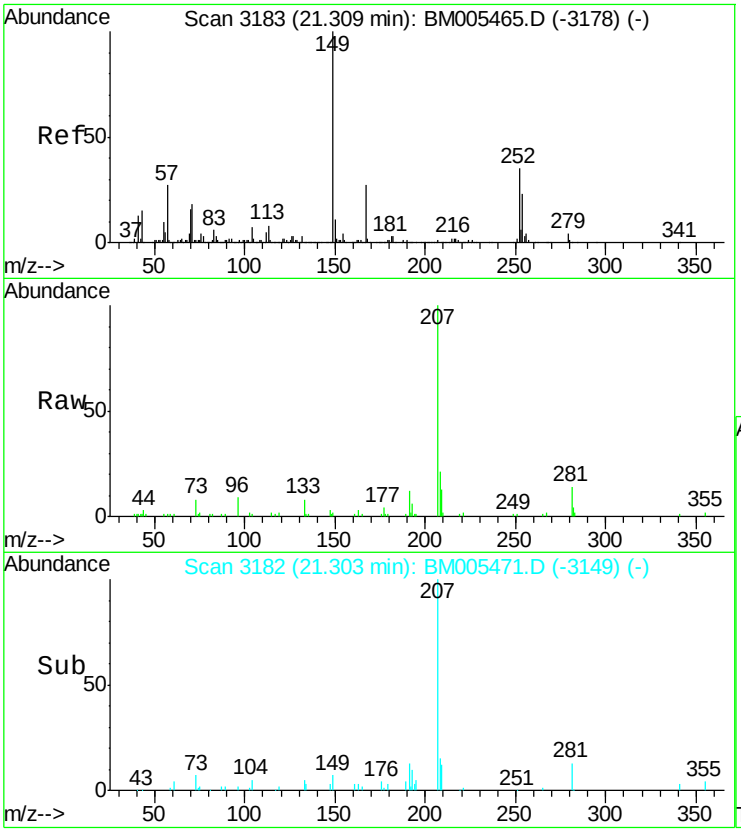


#80
Benzo(a)anthracene
Concen: 0.07 ng/ul
RT: 21.38 min Scan# 3195
Delta R.T. 0.01 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Tgt Ion:228 Resp: 1910

Ion	Ratio	Lower	Upper
228	100		
229	0.0	15.5	23.3#
226	0.0	21.8	32.8#



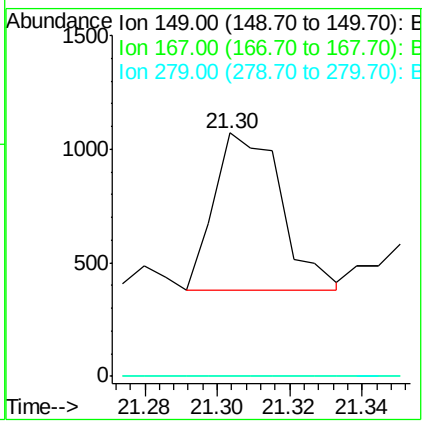


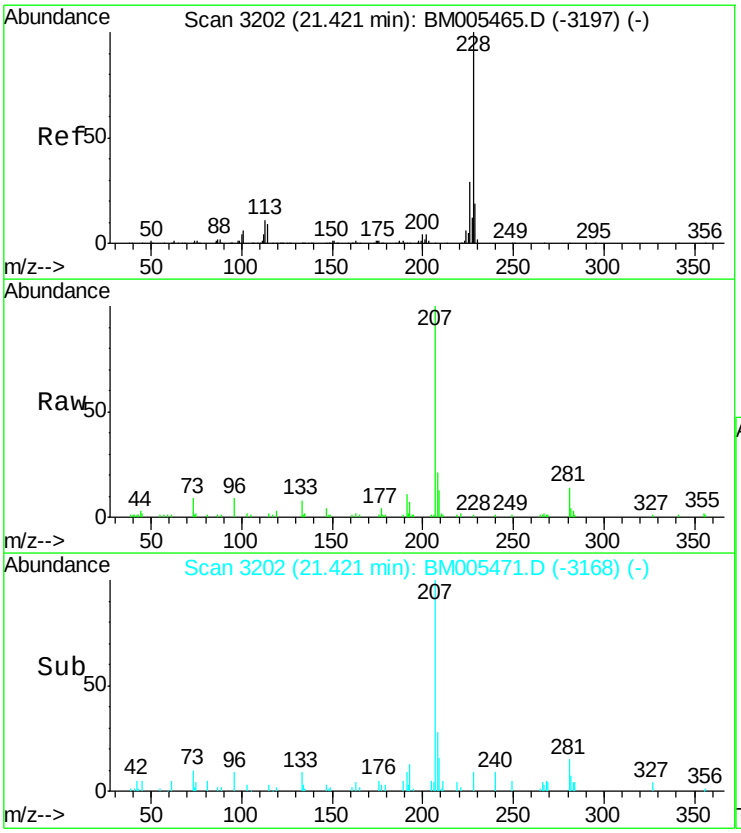
#81
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:149 Resp: 894

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.9	32.9#
279	0.0	3.0	4.4#

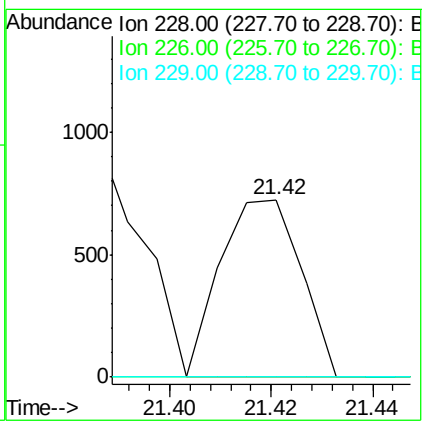


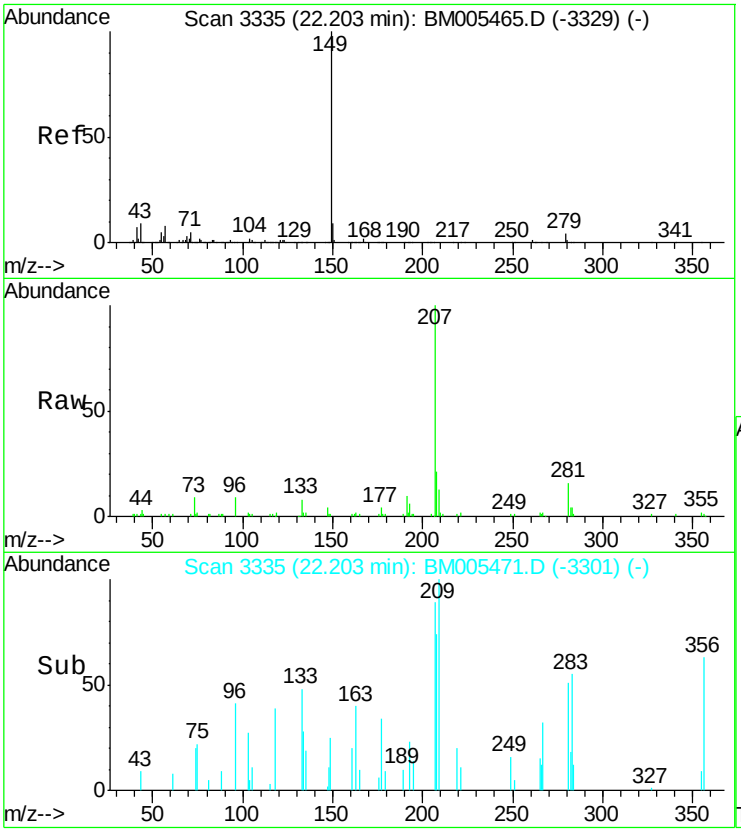


#82
Chrysene
Concen: 0.03 ng/ul
RT: 21.42 min Scan# 3202
Delta R.T. 0.00 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Tgt Ion:228 Resp: 799

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.6	35.4#
229	0.0	15.4	23.0#



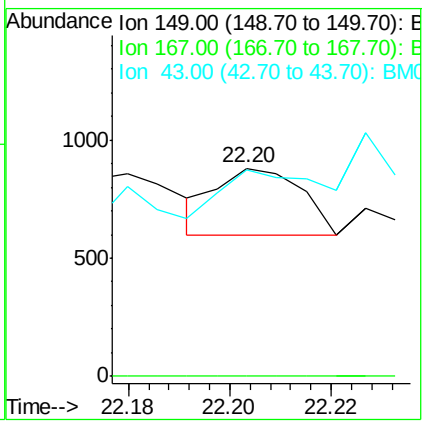


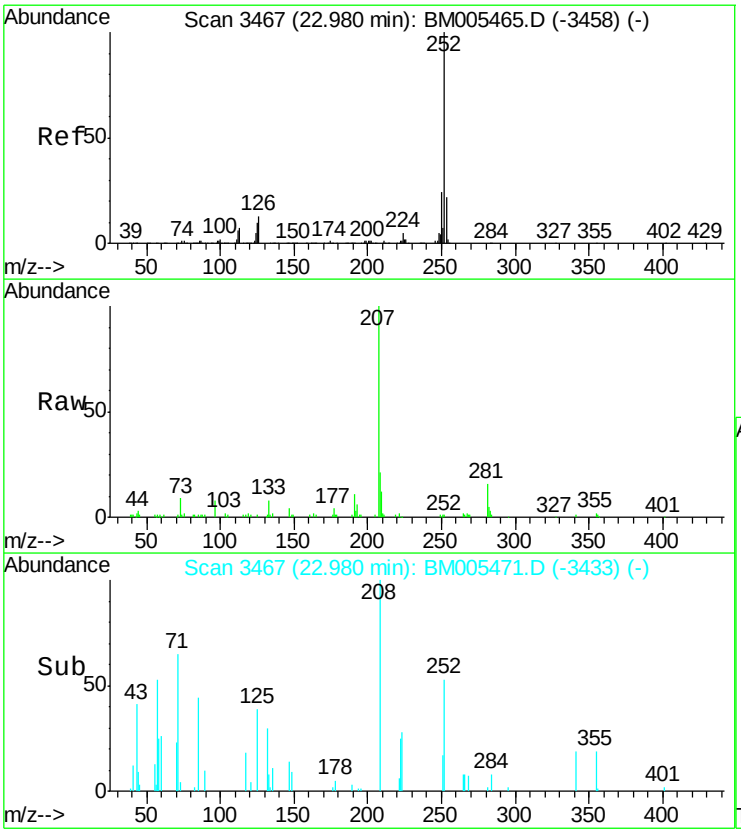
#84
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.20 min Scan# 3335
Delta R.T. 0.00 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:149 Resp: 325

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	99.3	7.4	11.0#

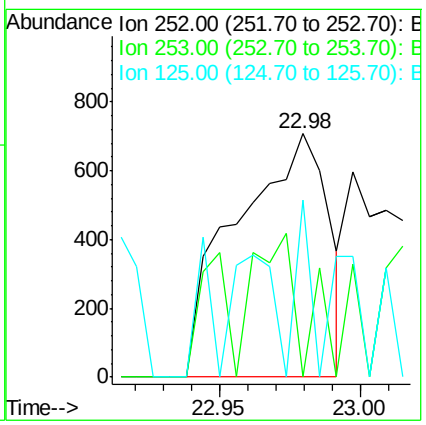


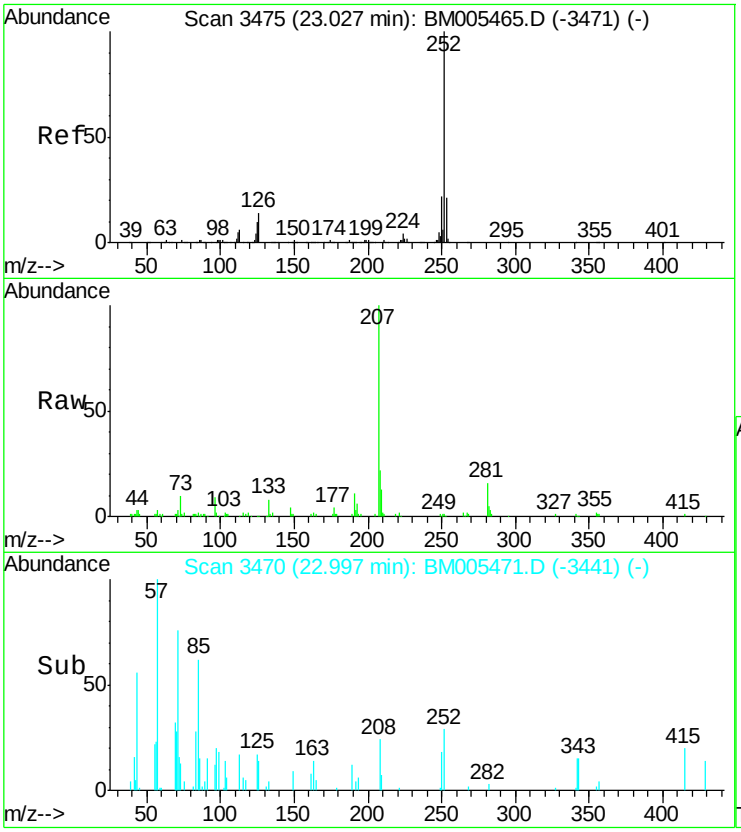


#85
Benzo(b)fluoranthene
Concen: 0.05 ng/ul
RT: 22.98 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Tgt Ion:252 Resp: 1606

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	72.7	8.4	12.6#



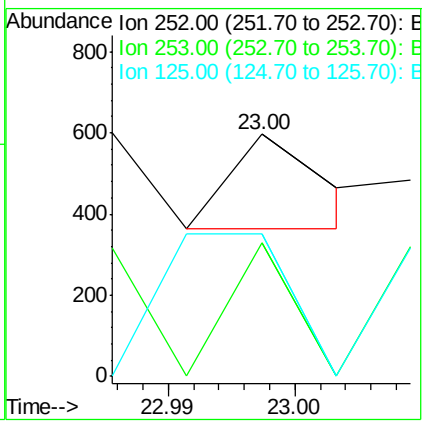


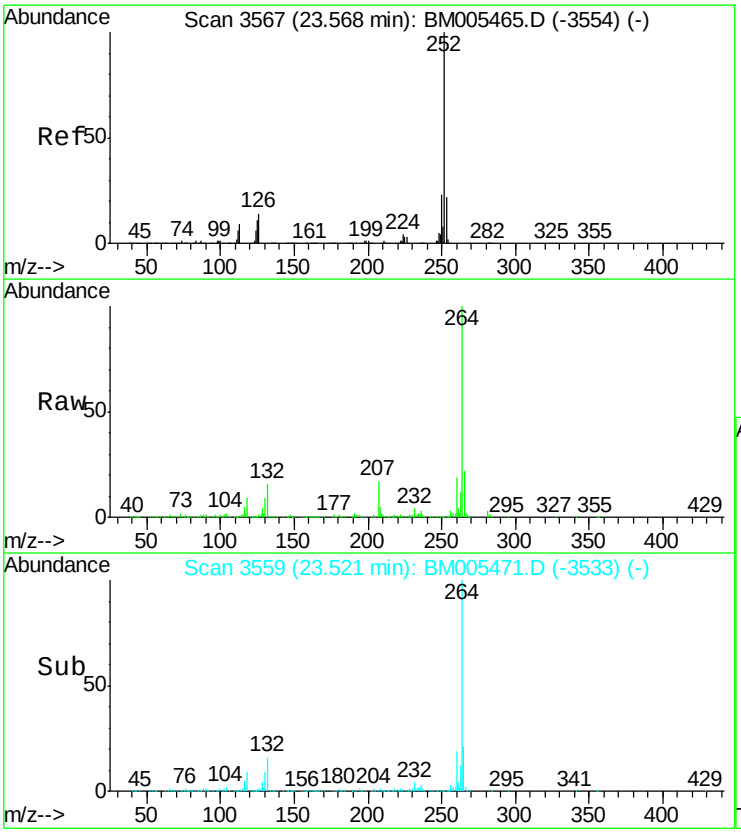
#86
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 23.00 min Scan# 3470
Delta R.T. -0.03 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:252 Resp: 117

Ion	Ratio	Lower	Upper
252	100		
253	55.3	17.3	25.9#
125	58.6	8.0	12.0#

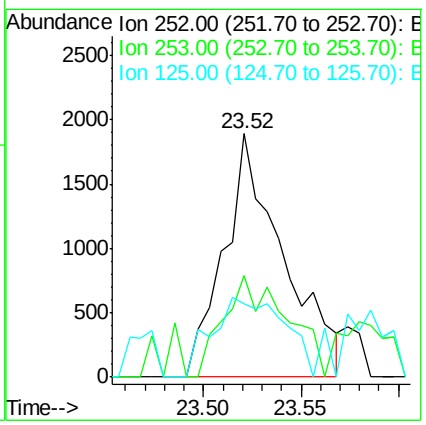


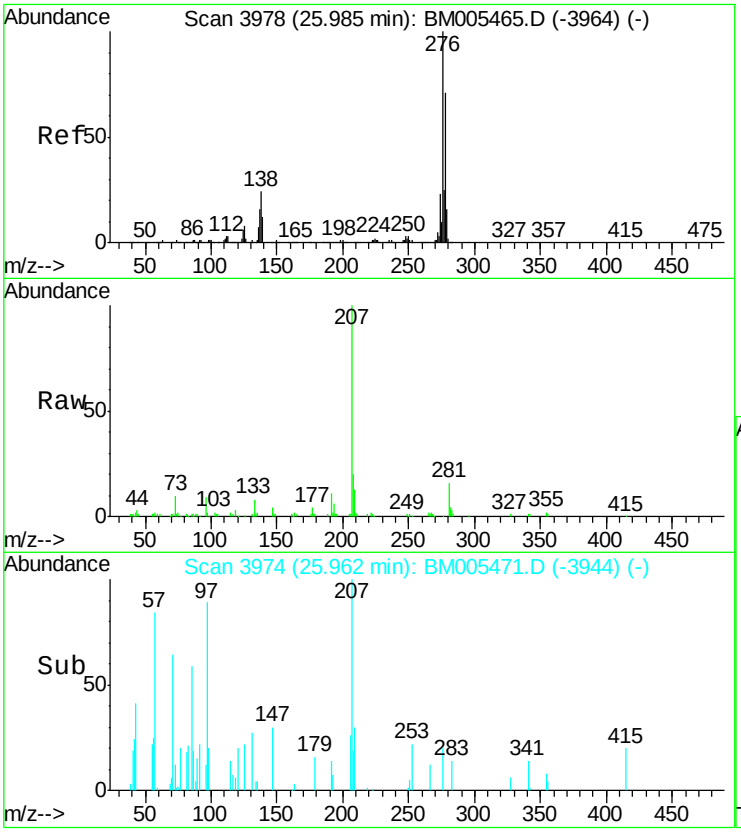


#88
Benzo(a)pyrene
Concen: 0.13 ng/ul
RT: 23.52 min Scan# 3559
Delta R.T. -0.05 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Tgt Ion:252 Resp: 3988

Ion	Ratio	Lower	Upper
252	100		
253	41.6	17.5	26.3#
125	30.1	8.7	13.1#





#89
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.96 min Scan# 3974
Delta R.T. -0.02 min
Lab File: BM005471.D
Acq: 18 May 2016 16:05

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:276 Resp: 113

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.0	31.6#
277	0.0	19.9	29.9#