Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005239.D
Acq On : 05 May 2016 17:42
Operator : UM/SJ
Sample : PB90297BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK97

Quant Time: May 06 04:19:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 06 04:17:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	88363	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	432979	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	287627	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	723620	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	876061	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	873400	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	8522	4.53	ng/uL	0.00
5) Phenol-d5	6.95	99	165843	20.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	107294	23.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	132531	21.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	140730	21.25	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	68688	22.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	79074	22.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	135142	20.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	216719	27.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	557554	24.18	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	620564	22.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	86311	20.51	ng/ul	0.00
57) Fluorene-d10	15.41	176	469840	23.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	77965	19.15	ng/ul	0.00
70) Anthracene-d10	17.26	188	795509	24.87	ng/ul	0.00
76) Pyrene-d10	19.56	212	932104	23.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	958583	24.79	ng/ul	0.00
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	7.20	93	388	0.06	ng/ul#	79
12) 2,2'-oxybis(1-Chloropropan	8.47	45	599	0.07	ng/ul#	67
15) N-Nitroso-di-n-propylamine	8.47	70	3129	0.61	ng/ul#	1
20) Nitrobenzene	8.93	77	231	0.03	ng/ul#	41
21) Isophorone	9.65	82	6590	0.44	ng/ul#	70
45) 2,6-Dinitrotoluene	13.83	165	3754	0.83	ng/ul#	38
58) Fluorene	15.41	166	904	0.04	ng/ul#	9
64) N-Nitrosodiphenylamine	15.54	169	610	0.03	ng/ul#	34
73) Di-n-butylphthalate	18.13	149	566	0.01	ng/ul#	78
77) Pyrene	19.56	202	1097	0.02	ng/ul#	1
80) Benzo(a)anthracene	21.36	228	2771	0.05	ng/ul#	60
82) Chrysene	21.40	228	481	0.01	ng/ul#	50
84) Di-n-octyl phthalate	22.17	149	236	0.00	ng/ul#	78
85) Benzo(b)fluoranthene	22.96	252	1555	0.03	ng/ul#	63
86) Benzo(k)fluoranthene	23.00	252	1419	0.03	ng/ul#	55
88) Benzo(a)pyrene	23.53	252	1738	0.04	ng/ul#	69
89) Indeno(1,2,3-cd)pyrene	25.94	276	2030	0.04	ng/ul#	49
90) Dibenzo(a,h)anthracene	25.96	278	3044	0.07	ng/ul#	55
91) Benzo(g,h,i)perylene	26.66	276	2071	0.05	ng/ul#	52

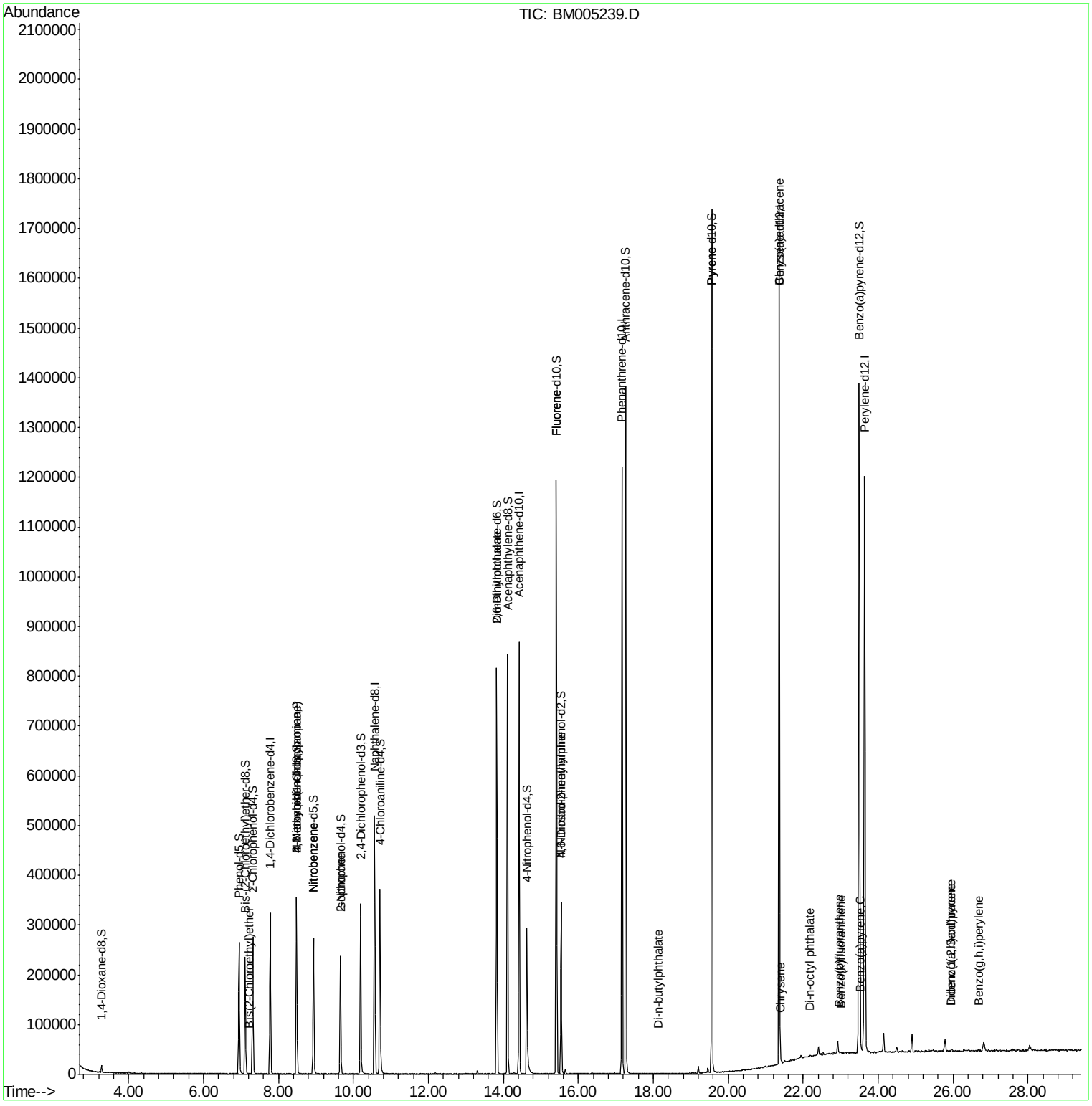
(#) = qualifier out of range (m) = manual integration (+) = signals summed

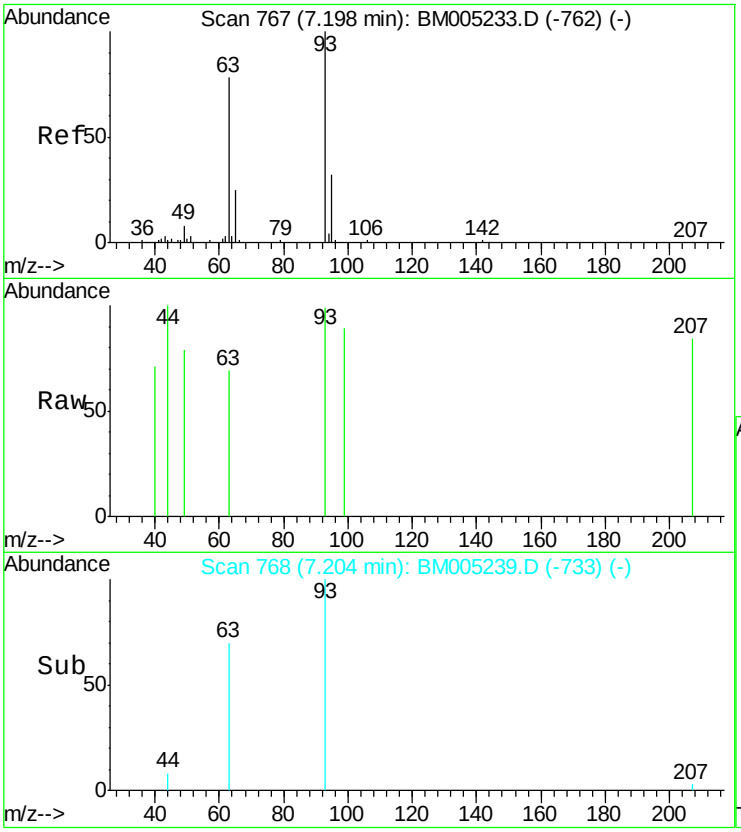
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005239.D
Acq On : 05 May 2016 17:42
Operator : UM/SJ
Sample : PB90297BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK97

Quant Time: May 06 04:19:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 06 04:17:42 2016
Response via : Initial Calibration



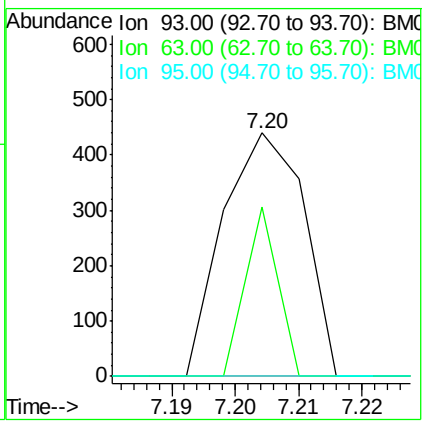


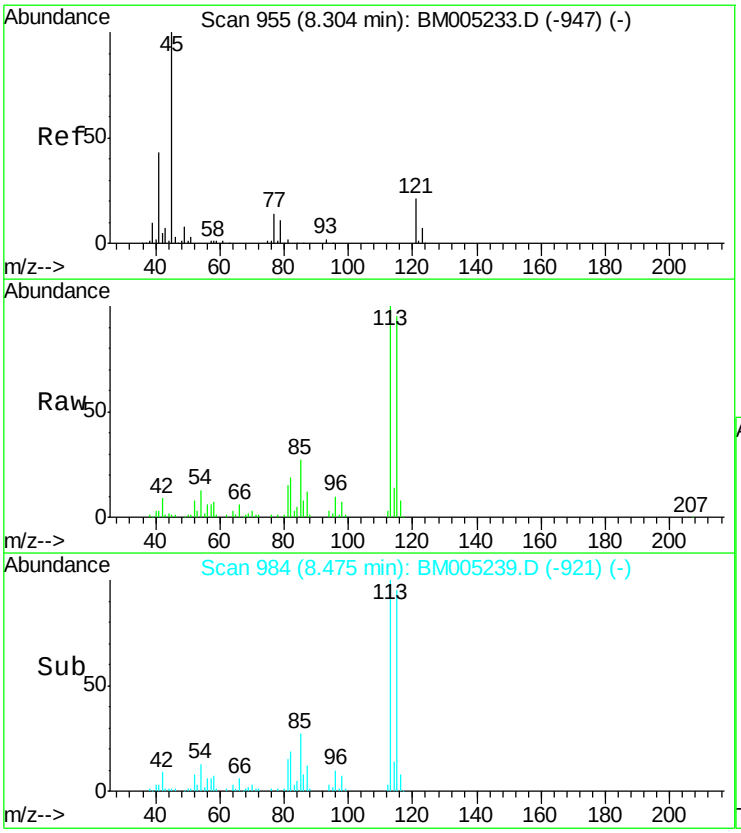
#8
Bis(2-Chloroethyl)ether
Concen: 0.06 ng/ul
RT: 7.20 min Scan# 768
Delta R.T. 0.01 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Instrument :
BNA_M
ClientSampleId :
SBLK97

Tgt Ion: 93 Resp: 388

Ion	Ratio	Lower	Upper
93	100		
63	69.5	60.6	90.8
95	0.0	24.2	36.4#

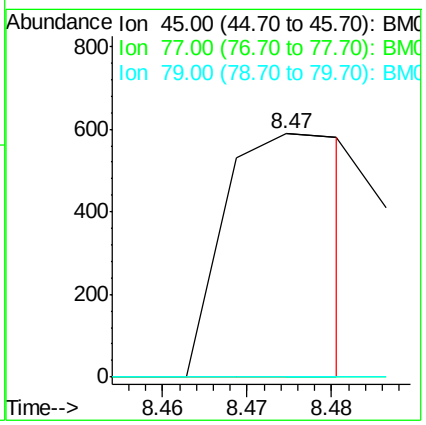


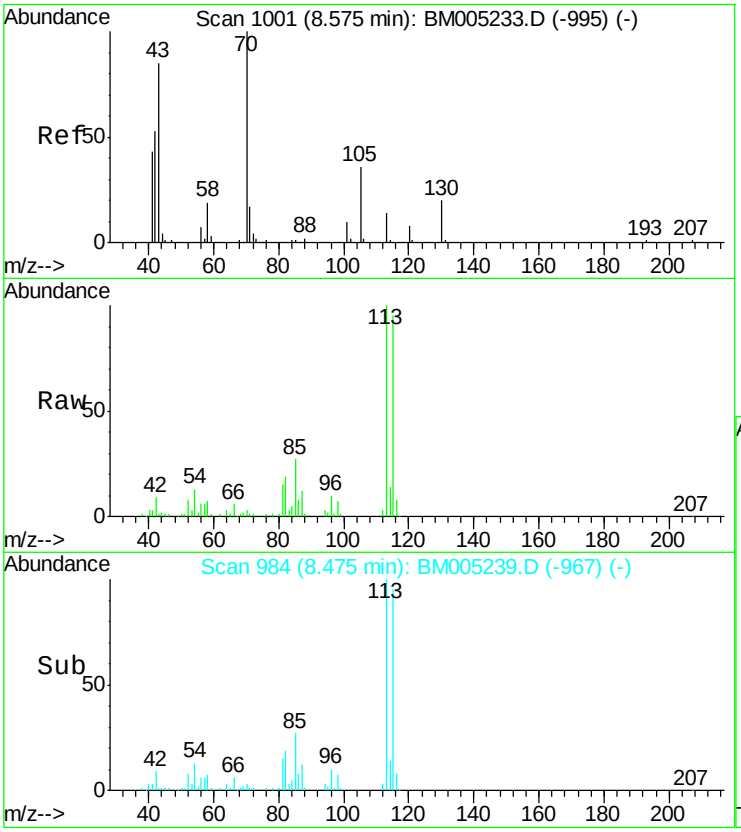


#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.07 ng/ul
RT: 8.47 min Scan# 984
Delta R.T. 0.17 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Tgt Ion: 45 Resp: 599

Ion	Ratio	Lower	Upper
45	100		
77	0.0	12.1	18.1#
79	0.0	9.0	13.4#



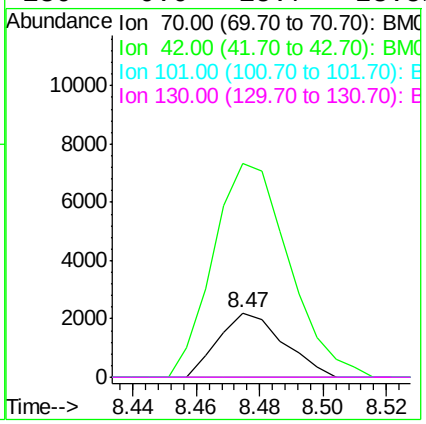


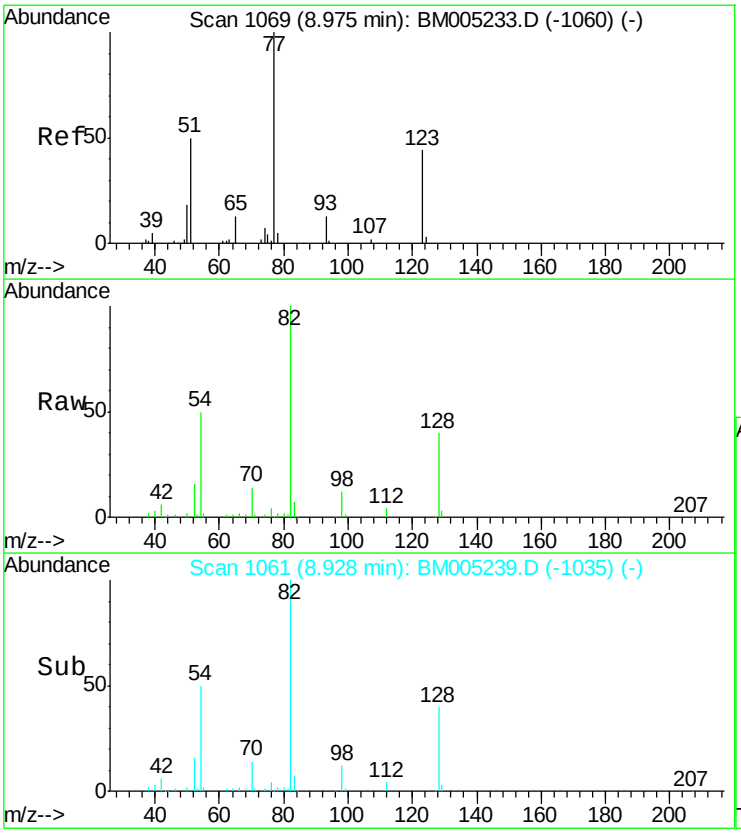
#15
N-Nitroso-di-n-propylamine
Concen: 0.61 ng/ul
RT: 8.47 min Scan# 984
Delta R.T. -0.10 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Instrument :
BNA_M
ClientSampleId :
SBLK97

Tgt Ion: 70 Resp: 3129

Ion	Ratio	Lower	Upper
70	100		
42	332.0	42.8	64.2#
101	0.0	7.8	11.6#
130	0.0	15.7	23.5#

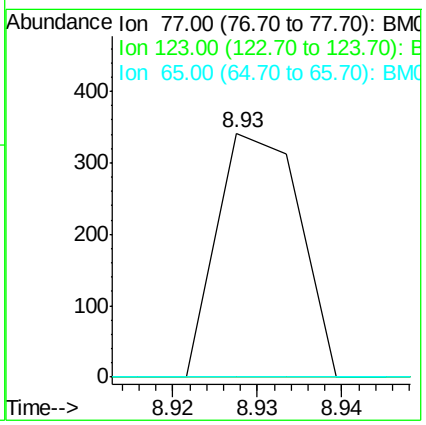


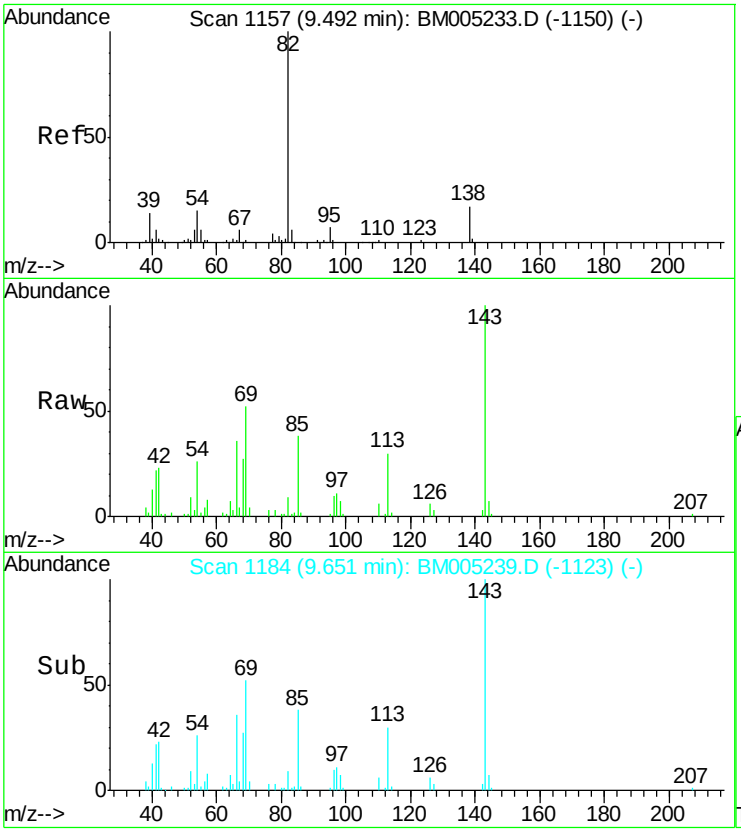


#20
Nitrobenzene
Concen: 0.03 ng/ul
RT: 8.93 min Scan# 1061
Delta R.T. -0.05 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Tgt Ion: 77 Resp: 231

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	0.0	11.0	16.4#



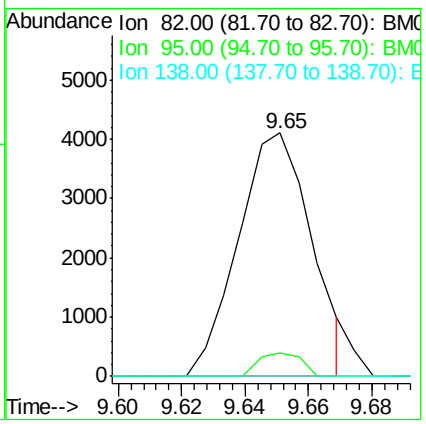


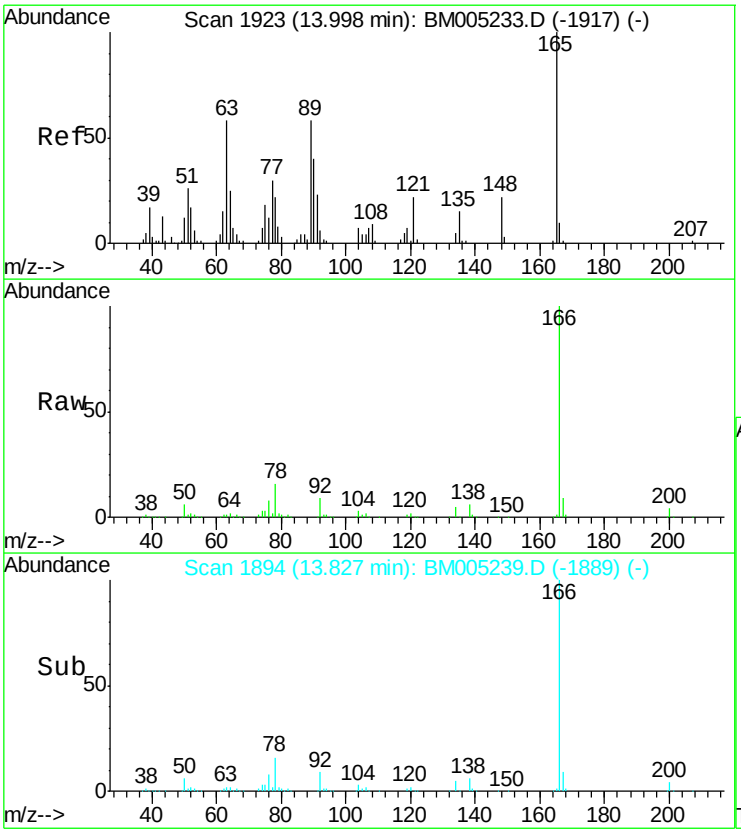
#21
Isophorone
Concen: 0.44 ng/ul
RT: 9.65 min Scan# 1184
Delta R.T. 0.16 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Instrument :
BNA_M
ClientSampleId :
SBLK97

Tgt Ion: 82 Resp: 6590

Ion	Ratio	Lower	Upper
82	100		
95	9.6	5.4	8.0#
138	0.0	13.4	20.2#

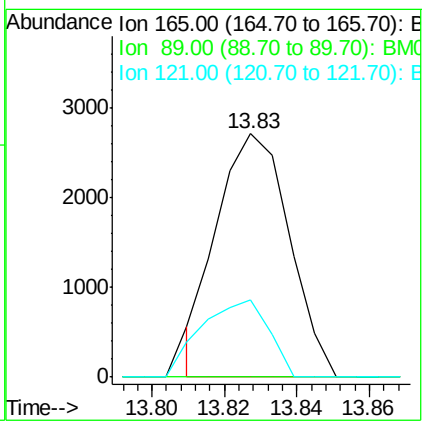


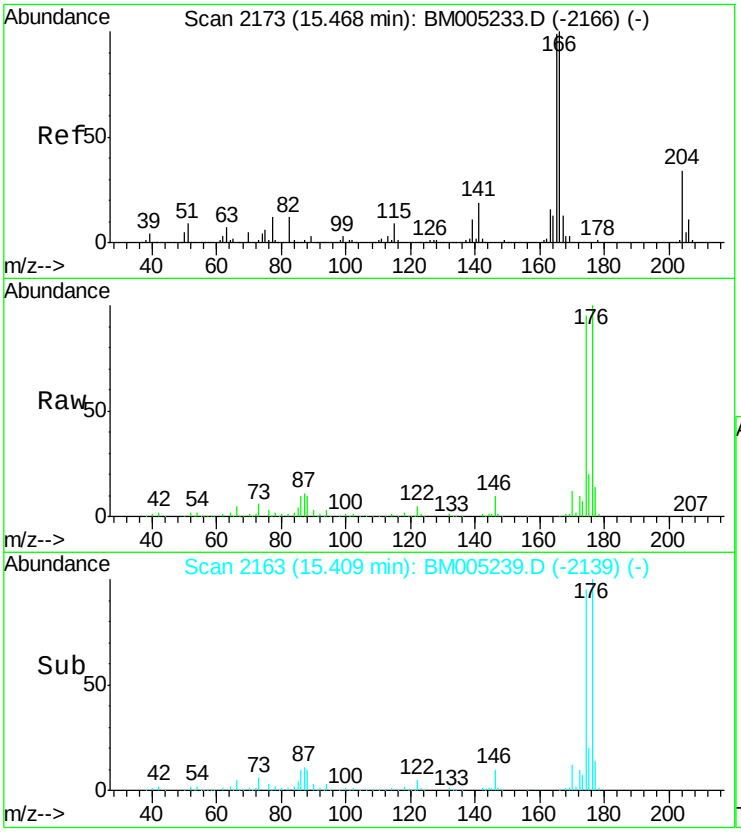


#45
2,6-Dinitrotoluene
Concen: 0.83 ng/ul
RT: 13.83 min Scan# 1894
Delta R.T. -0.17 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Tgt Ion:165 Resp: 3754

Ion	Ratio	Lower	Upper
165	100		
89	0.0	52.2	78.4#
121	31.6	21.0	31.4#



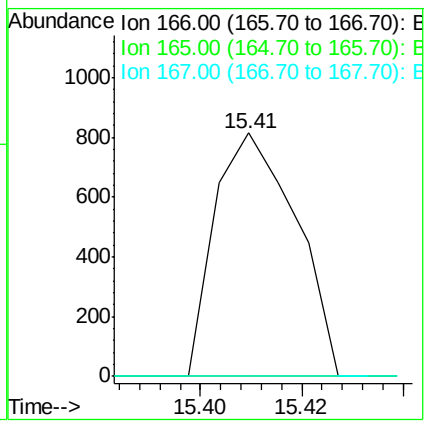


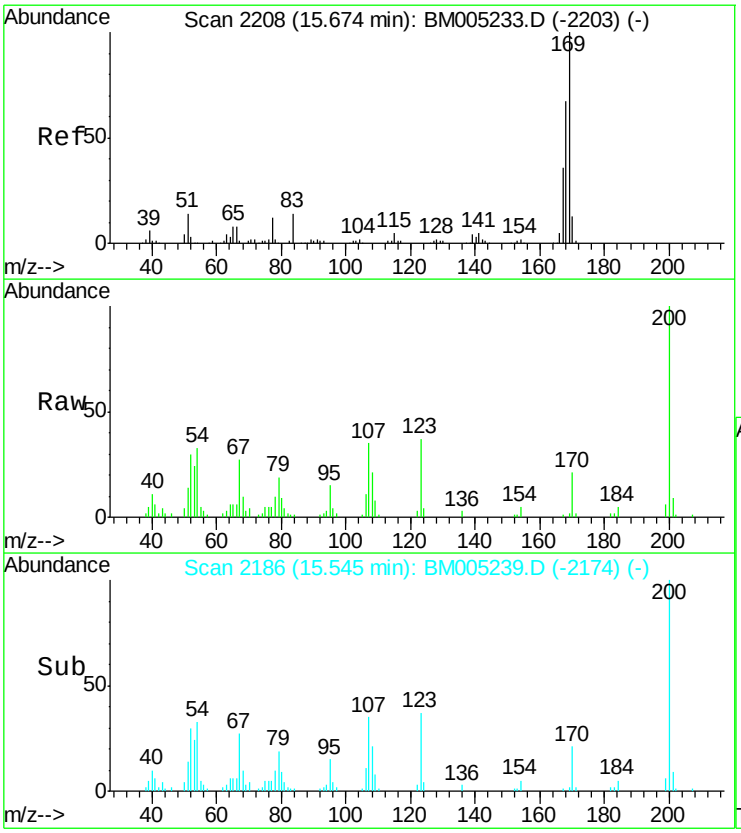
#58
Fluorene
Concen: 0.04 ng/ul
RT: 15.41 min Scan# 2163
Delta R.T. -0.06 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Instrument :
BNA_M
ClientSampleId :
SBLK97

Tgt Ion:166 Resp: 904

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

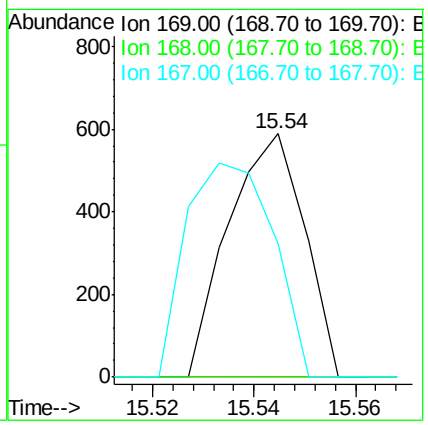


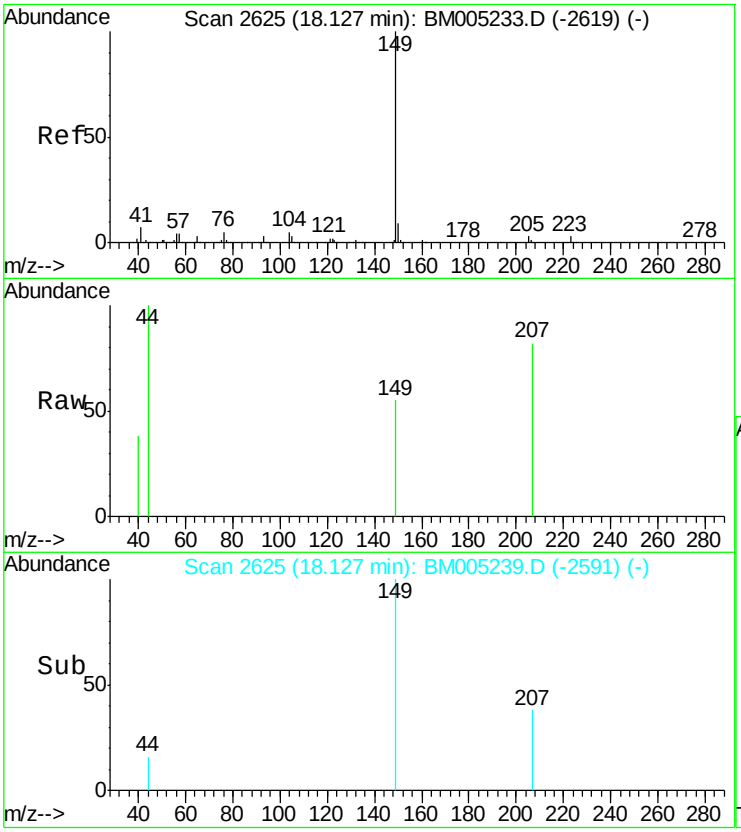


#64
N-Nitrosodiphenylamine
Concen: 0.03 ng/ul
RT: 15.54 min Scan# 2186
Delta R.T. -0.13 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Tgt Ion:169 Resp: 610

Ion	Ratio	Lower	Upper
169	100		
168	0.0	52.9	79.3#
167	54.8	28.2	42.4#



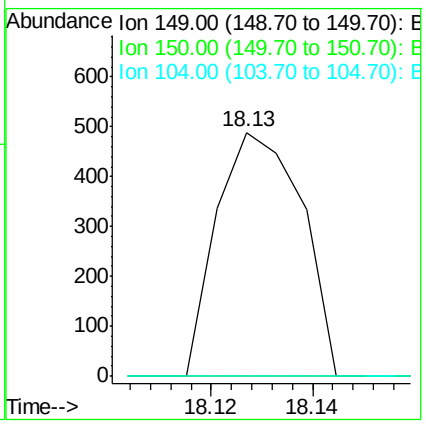


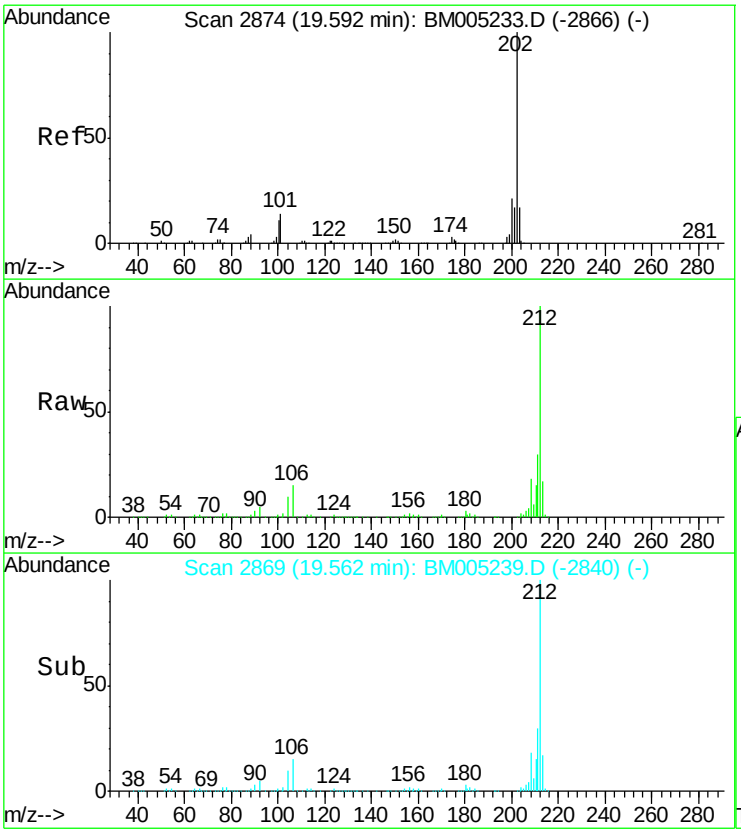
#73
Di-n-butylphthalate
Concen: 0.01 ng/ul
RT: 18.13 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Instrument :
BNA_M
ClientSampleId :
SBLK97

Tgt Ion:149 Resp: 566

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

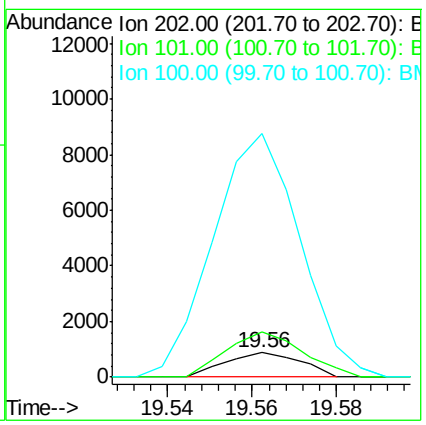


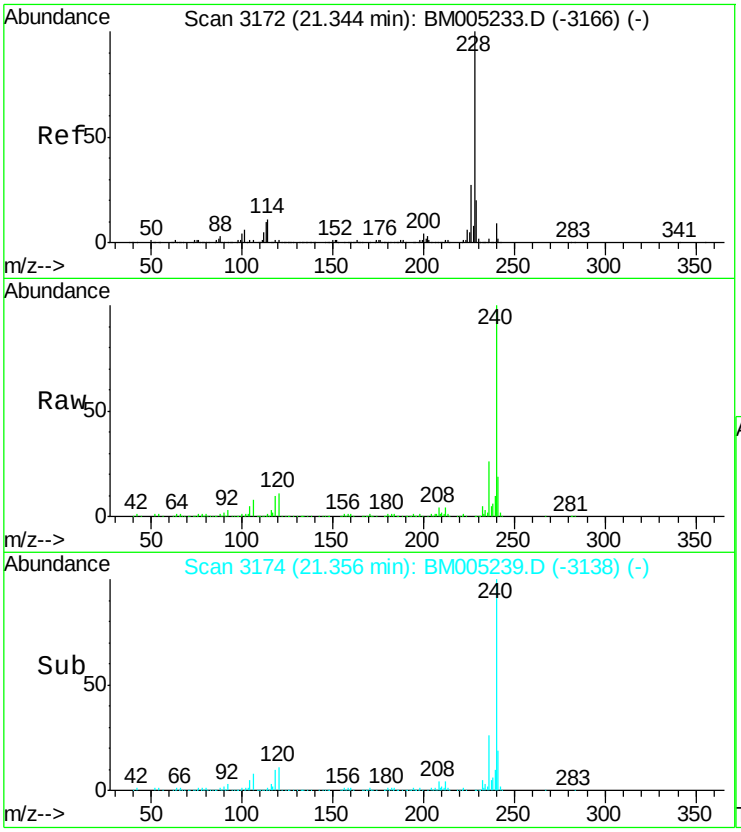


#77
Pyrene
Concen: 0.02 ng/ul
RT: 19.56 min Scan# 2869
Delta R.T. -0.03 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Tgt Ion:202 Resp: 1097

Ion	Ratio	Lower	Upper
202	100		
101	181.7	10.8	16.2#
100	990.6	8.4	12.6#



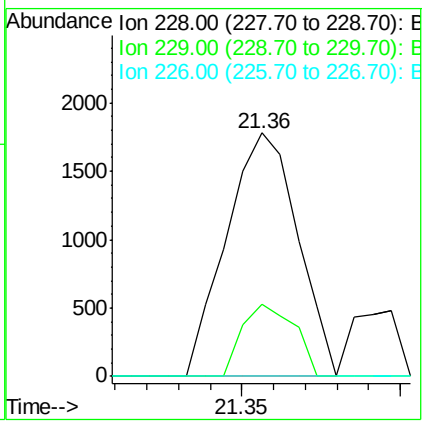


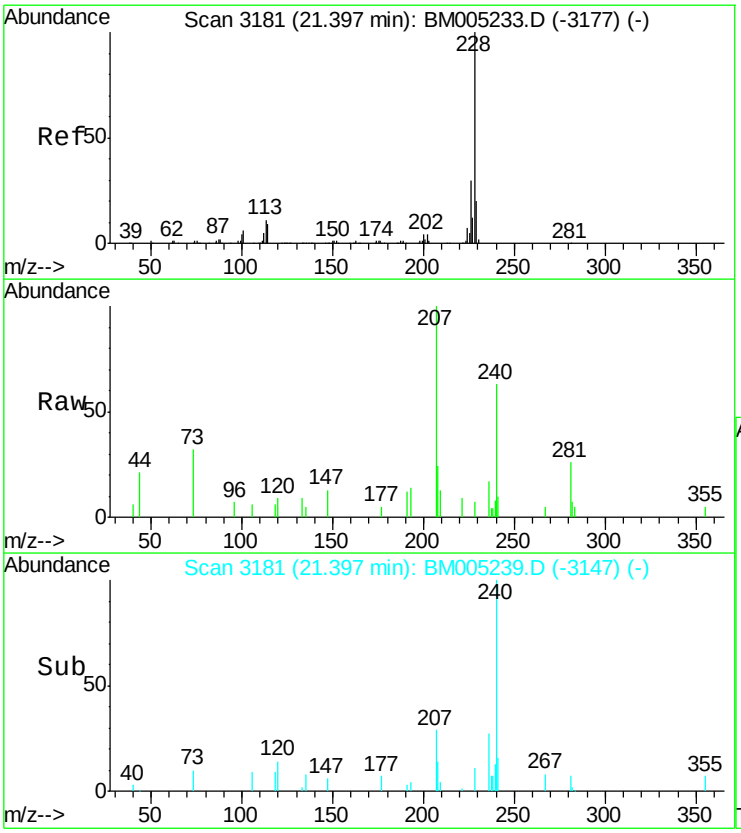
#80
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.36 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Instrument :
BNA_M
ClientSampleId :
SBLK97

Tgt Ion:228 Resp: 2771

Ion	Ratio	Lower	Upper
228	100		
229	29.5	15.5	23.3#
226	0.0	21.8	32.8#

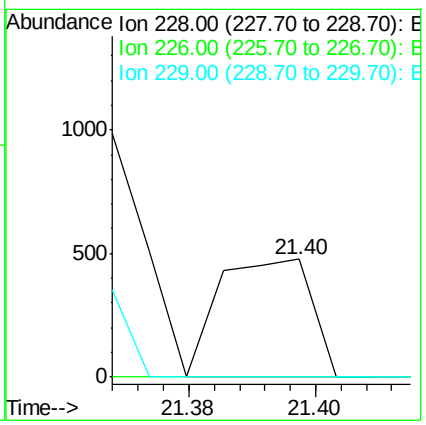


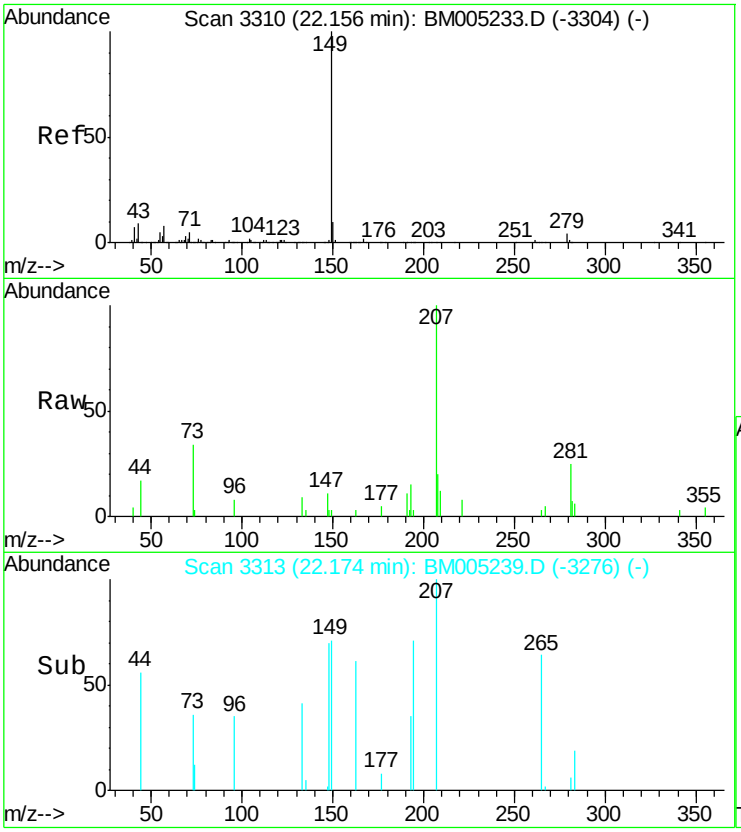


#82
Chrysene
Concen: 0.01 ng/ul
RT: 21.40 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Tgt Ion:228 Resp: 481

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



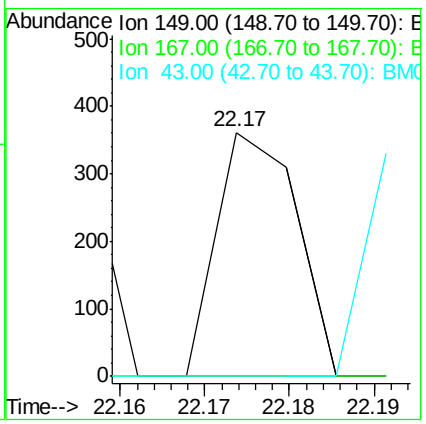


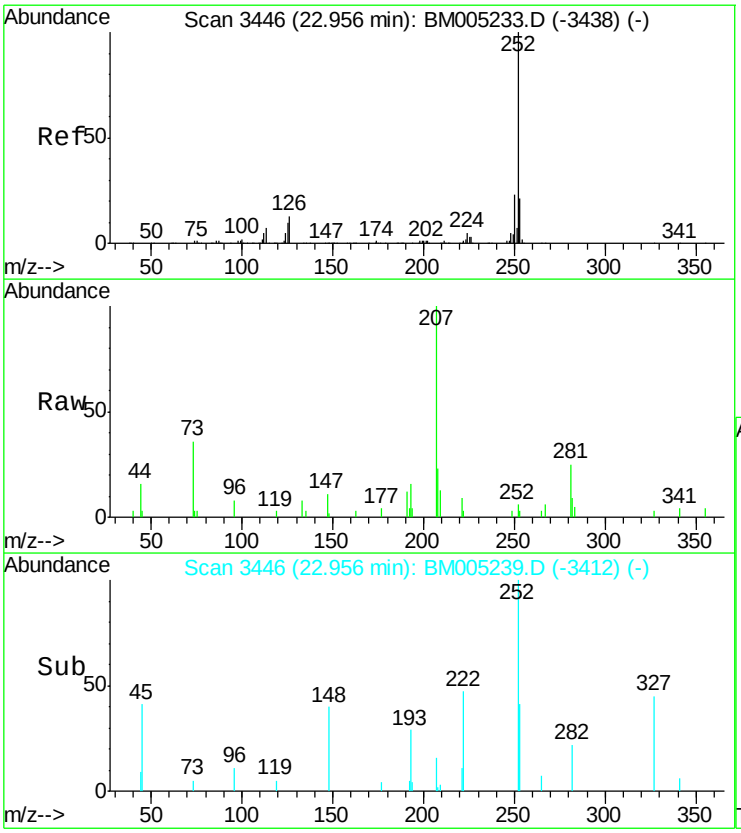
#84
Di-n-octyl phthalate
Concen: 0.00 ng/ul
RT: 22.17 min Scan# 3313
Delta R.T. 0.02 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Instrument :
BNA_M
ClientSampleId :
SBLK97

Tgt Ion:149 Resp: 236

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

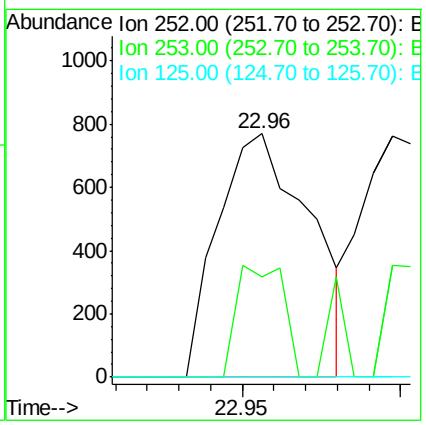


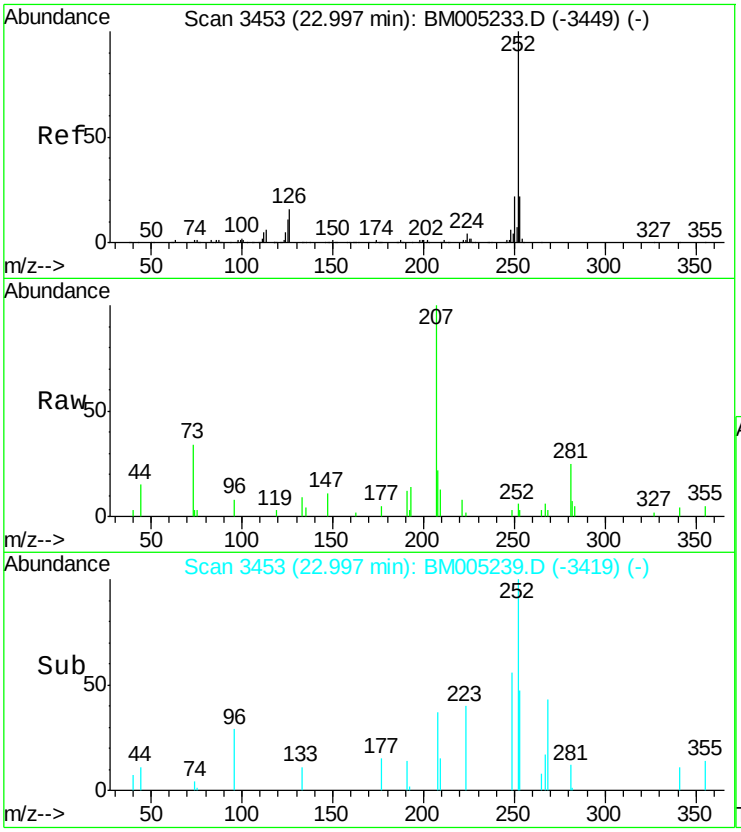


#85
Benzo(b)fluoranthene
Concen: 0.03 ng/ul
RT: 22.96 min Scan# 3446
Delta R.T. -0.00 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Tgt Ion:252 Resp: 1555

Ion	Ratio	Lower	Upper
252	100		
253	41.2	17.4	26.2#
125	0.0	8.4	12.6#



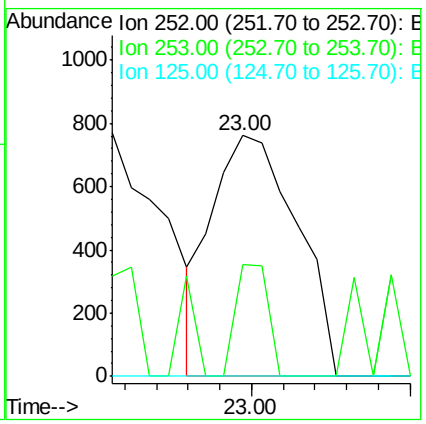


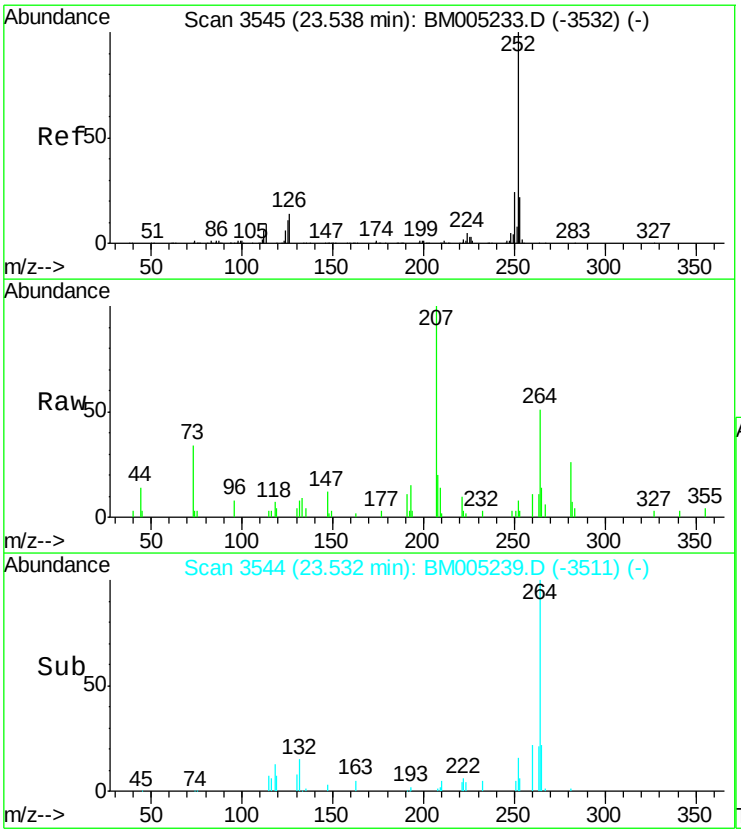
#86
Benzo(k)fluoranthene
Concen: 0.03 ng/ul
RT: 23.00 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Instrument :
BNA_M
ClientSampleId :
SBLK97

Tgt Ion:252 Resp: 1419

Ion	Ratio	Lower	Upper
252	100		
253	46.5	17.3	25.9#
125	0.0	8.0	12.0#

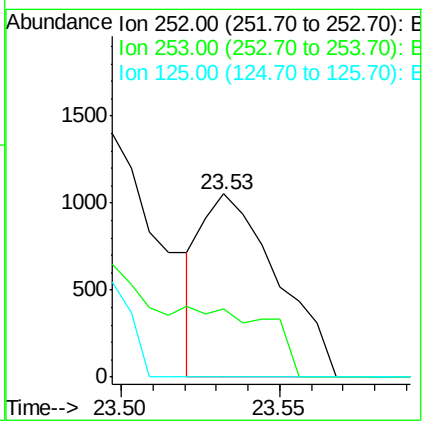


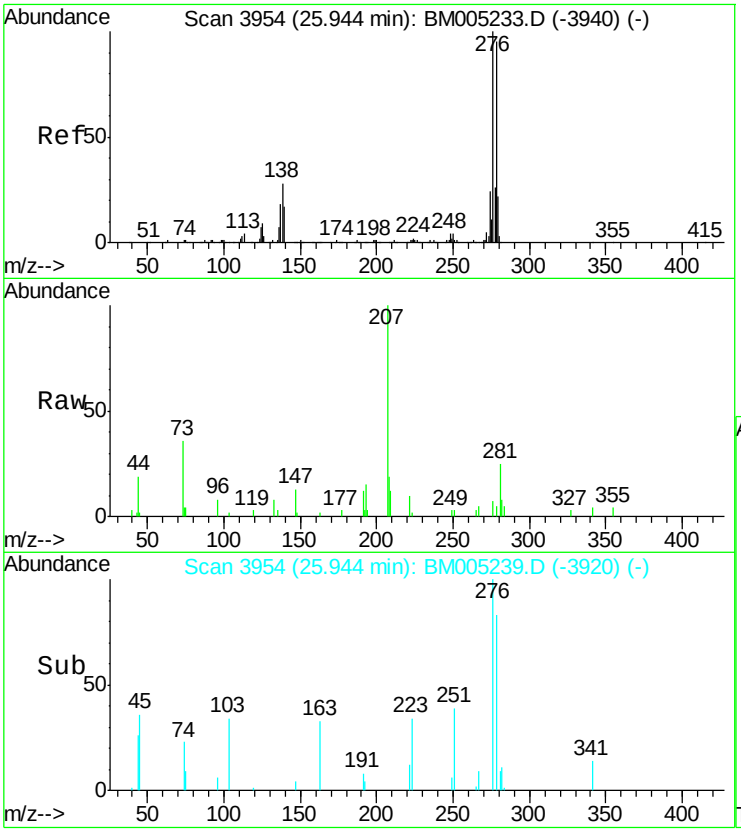


#88
Benzo(a)pyrene
Concen: 0.04 ng/ul
RT: 23.53 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Tgt Ion:252 Resp: 1738

Ion	Ratio	Lower	Upper
252	100		
253	37.3	17.5	26.3#
125	0.0	8.7	13.1#



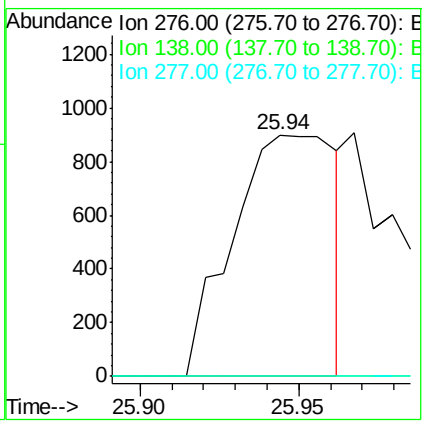


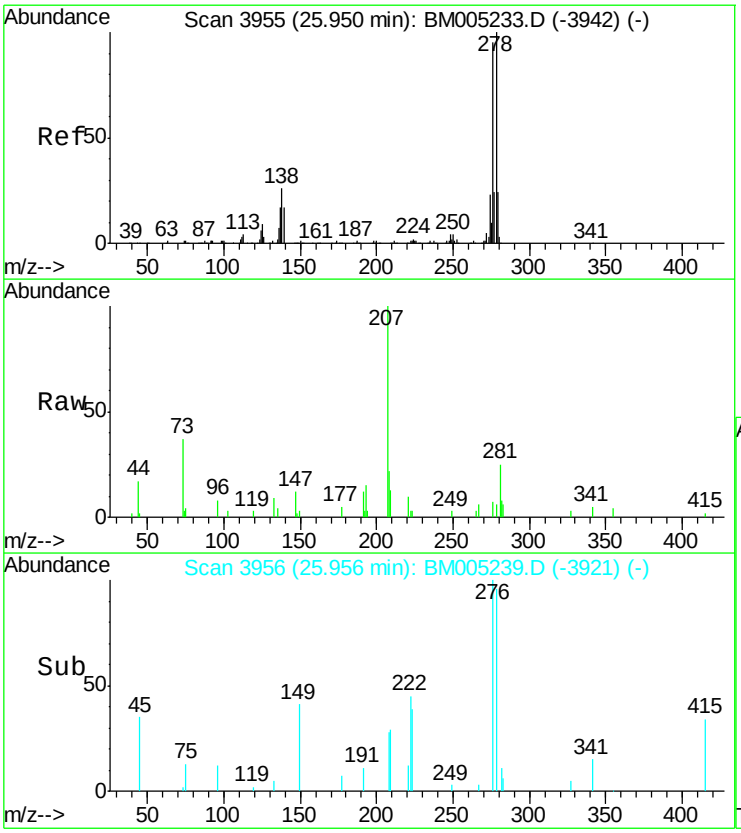
#89
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng/ul
RT: 25.94 min Scan# 3954
Delta R.T. -0.00 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Instrument :
BNA_M
ClientSampleId :
SBLK97

Tgt Ion:276 Resp: 2030

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

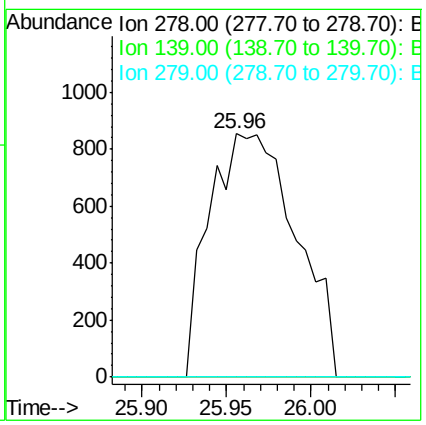


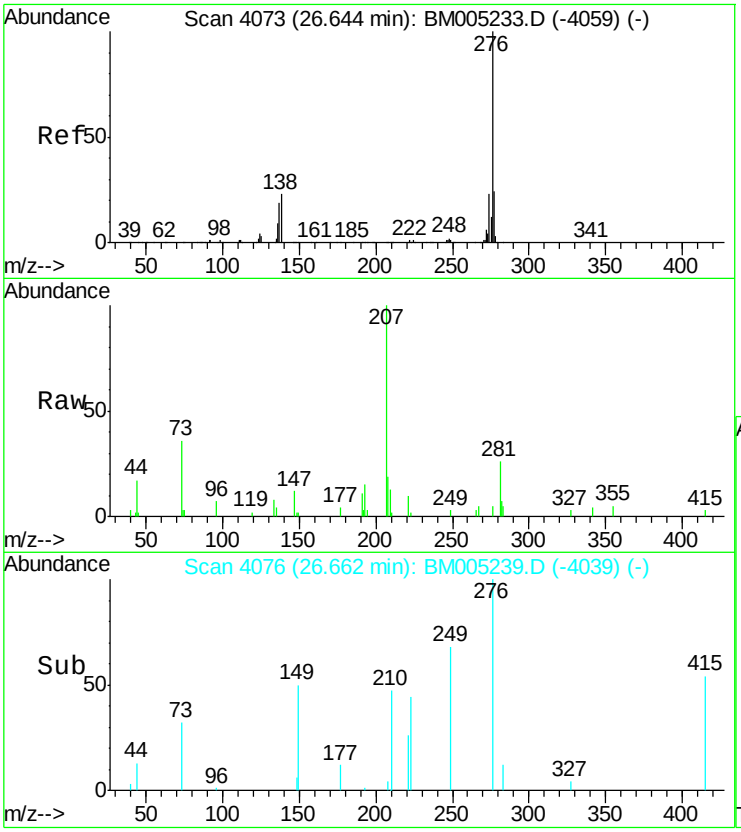


#90
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 25.96 min Scan# 3956
Delta R.T. 0.01 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Tgt Ion:278 Resp: 3044

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.8	20.6#
279	0.0	18.9	28.3#





#91
Benzo(g,h,i)perylene
Concen: 0.05 ng/ul
RT: 26.66 min Scan# 4076
Delta R.T. 0.02 min
Lab File: BM005239.D
Acq: 05 May 2016 17:42

Instrument :
BNA_M
ClientSampleId :
SBLK97

Tgt Ion:276 Resp: 2071

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.2	27.4#
277	0.0	19.4	29.2#