Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005630.D
Acq On : 24 May 2016 04:18
Operator : UM/SJ
Sample : H3086-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGH6RE

Quant Time: May 24 06:59:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	199507	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	750939	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	309690	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	604933	20.00	ng/ul	0.01
75) Chrysene-d12	21.36	240	678647	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	695342	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	13735	3.02	ng/uL	0.00
5) Phenol-d5	6.98	99	392094	23.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	225386	23.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	318552	23.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	305091	22.77	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	149227	25.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	156328	24.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	276916	23.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	164431	13.79	ng/ul	-0.02
43) Dimethylphthalate-d6	13.85	166	616468	24.39	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	800104	25.32	ng/ul	0.01
51) 4-Nitrophenol-d4	14.66	143	105668	22.10	ng/ul	0.00
57) Fluorene-d10	15.44	176	517460	23.52	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.57	200	25442	7.31	ng/ul	0.02
70) Anthracene-d10	17.29	188	715970	24.85	ng/ul	0.01
76) Pyrene-d10	19.58	212	816576	26.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	783023	24.12	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.90	117	6654	1.21	ng/ul#	5
21) Isophorone	9.52	82	110294	4.24	ng/ul#	1
23) 2-Nitrophenol	9.72	139	8050	1.18	ng/ul#	1
24) 2,4-Dimethylphenol	9.80	107	25795	1.84	ng/ul#	69
32) Caprolactam	11.52	113	6519	1.66	ng/ul#	1
42) 2-Nitroaniline	13.53	65	10209	1.69	ng/ul#	57
44) Dimethylphthalate	13.90	163	218783	8.76	ng/ul#	89
45) 2,6-Dinitrotoluene	14.06	165	14651	2.90	ng/ul#	17
47) Acenaphthylene	14.17	152	35191	1.10	ng/ul#	1
48) 3-Nitroaniline	14.36	138	13174	2.82	ng/ul#	54
49) Acenaphthene	14.52	153	70333	3.32	ng/ul#	84
53) Dibenzofuran	14.76	168	62481	2.07	ng/ul	87
58) Fluorene	15.50	166	112193	4.64	ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	15.54	198	6317	1.73	ng/ul#	1
64) N-Nitrosodiphenylamine	15.72	169	257851	14.05	ng/ul#	49
69) Phenanthrene	17.24	178	119743	3.54	ng/ul#	58
74) Fluoranthene	19.24	202	62566	1.64	ng/ul#	78
77) Pyrene	19.61	202	350001	8.97	ng/ul#	94
80) Benzo(a)anthracene	21.34	228	57409	1.44	ng/ul#	21
82) Chrysene	21.40	228	139889	3.69	ng/ul#	58
88) Benzo(a)pyrene	23.54	252	44214	1.11	ng/ul#	19

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005630.D
Acq On : 24 May 2016 04:18
Operator : UM/SJ
Sample : H3086-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGH6RE

Quant Time: May 24 06:59:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 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\BM052316\
Data File : BM005630.D
Acq On : 24 May 2016 04:18
Operator : UM/SJ
Sample : H3086-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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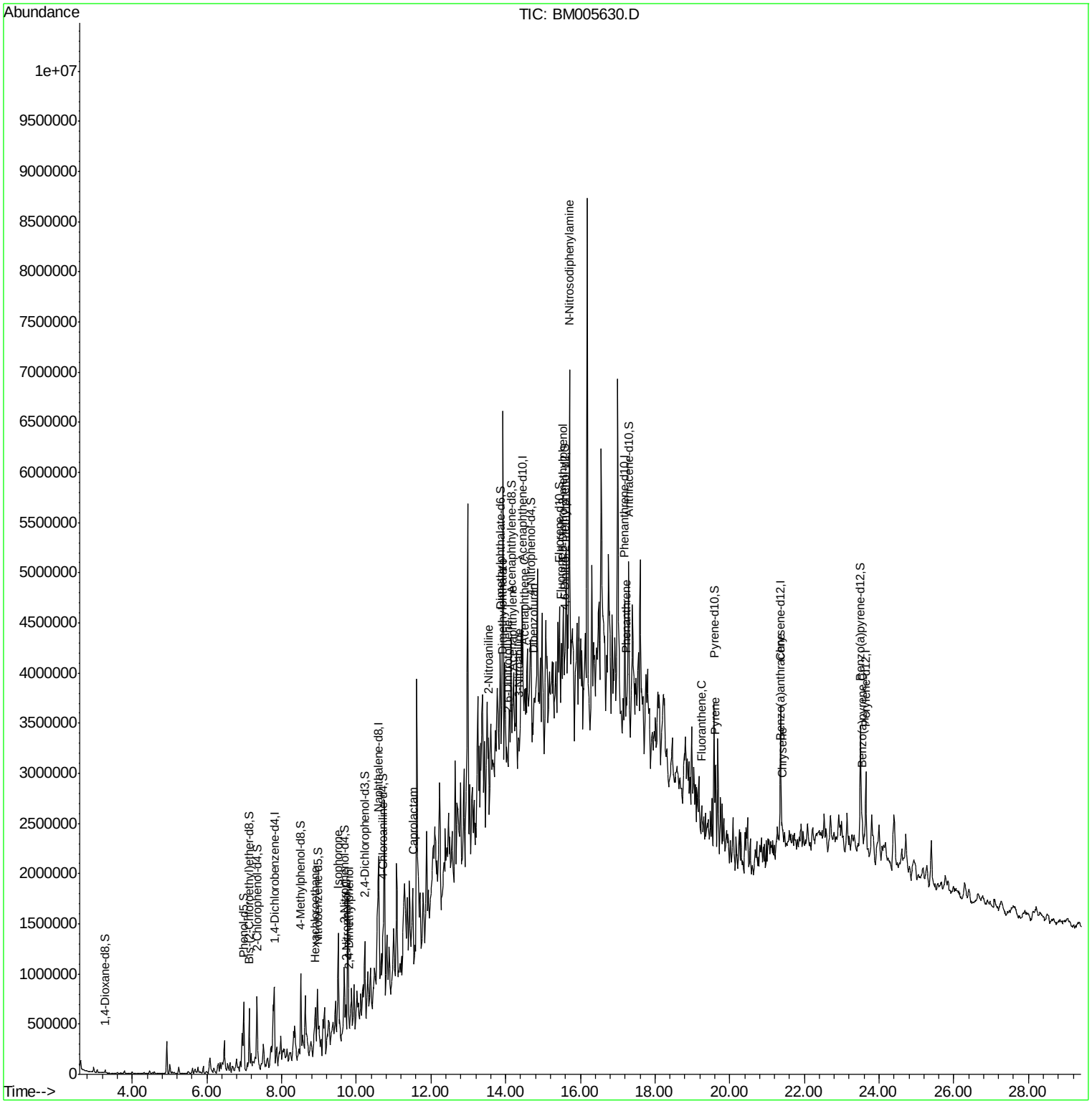
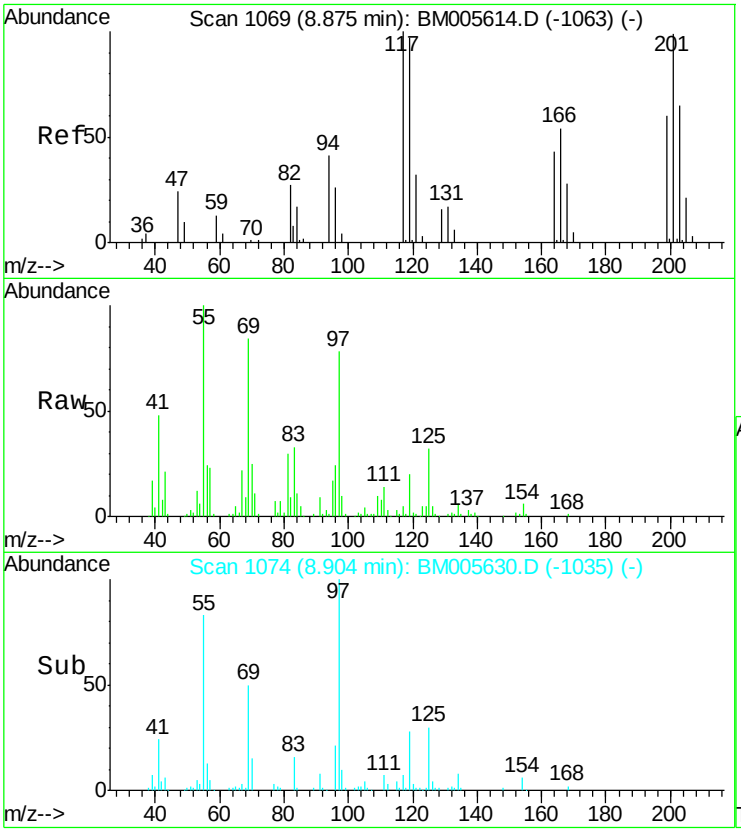
Quant Time: May 24 06:59:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration



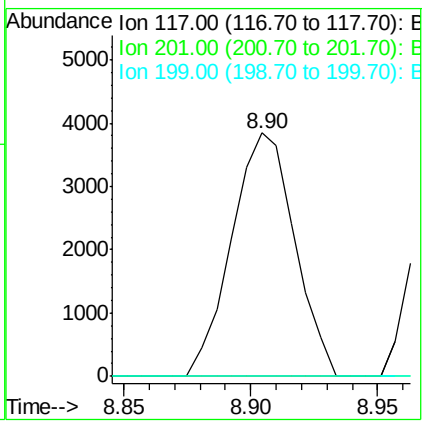


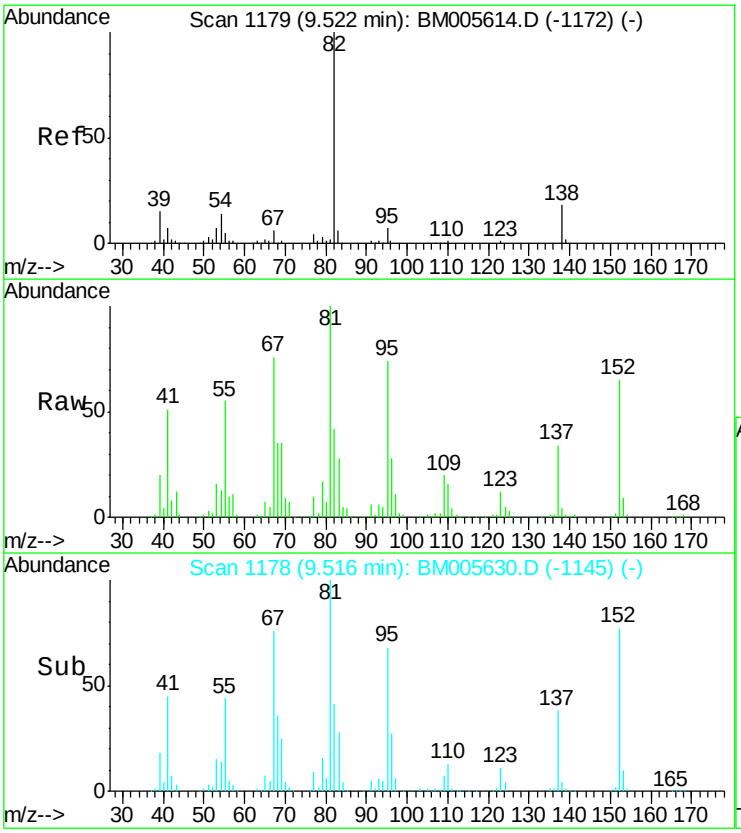
#17
Hexachloroethane
Concen: 1.21 ng/ul
RT: 8.90 min Scan# 1074
Delta R.T. 0.03 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Instrument :
BNA_M
ClientSampleId :
JHGH6RE

Tgt Ion:117 Resp: 6654

Ion	Ratio	Lower	Upper
117	100		
201	0.0	84.8	127.2#
199	0.0	50.5	75.7#

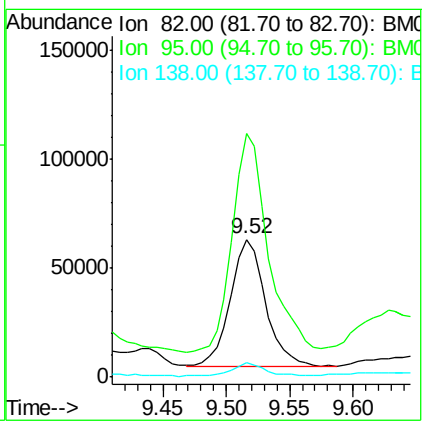


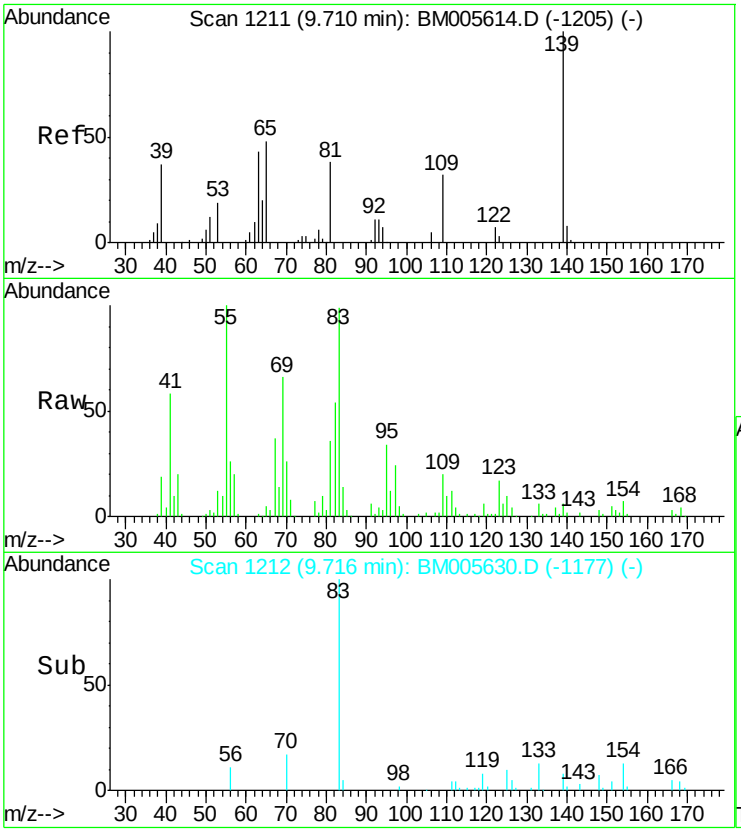


#21
Isophorone
Concen: 4.24 ng/ul
RT: 9.52 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Tgt Ion: 82 Resp: 110294

Ion	Ratio	Lower	Upper
82	100		
95	176.7	6.4	9.6#
138	10.1	13.8	20.6#



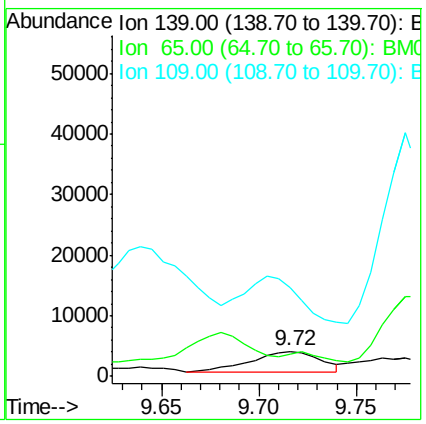


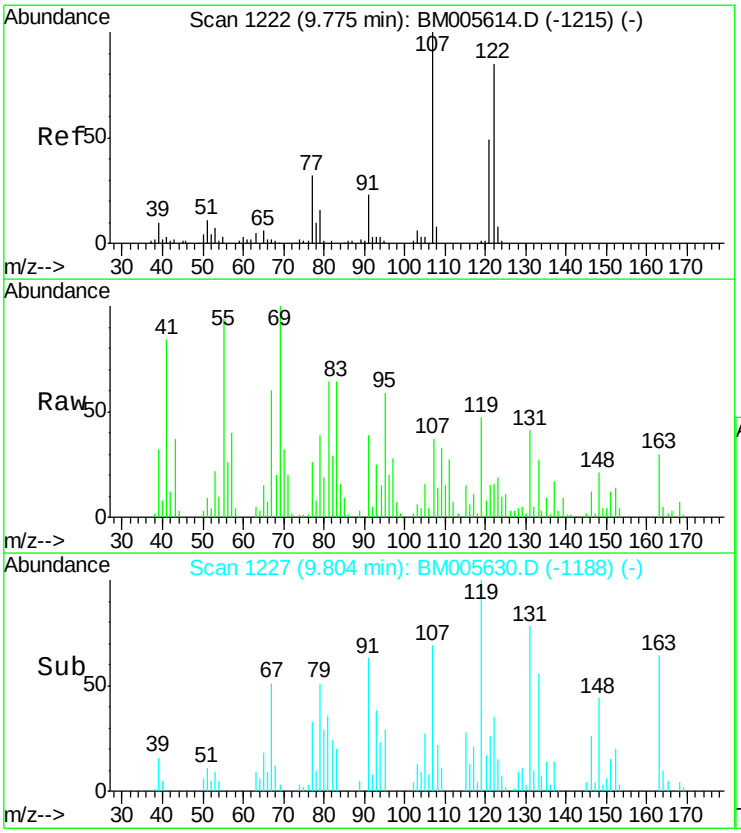
#23
2-Nitrophenol
Concen: 1.18 ng/ul
RT: 9.72 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Instrument :
BNA_M
ClientSampleId :
JHGH6RE

Tgt Ion:139 Resp: 8050

Ion	Ratio	Lower	Upper
139	100		
65	86.9	45.2	67.8#
109	351.9	30.8	46.2#

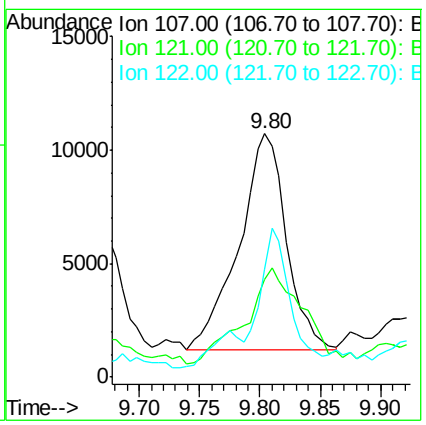


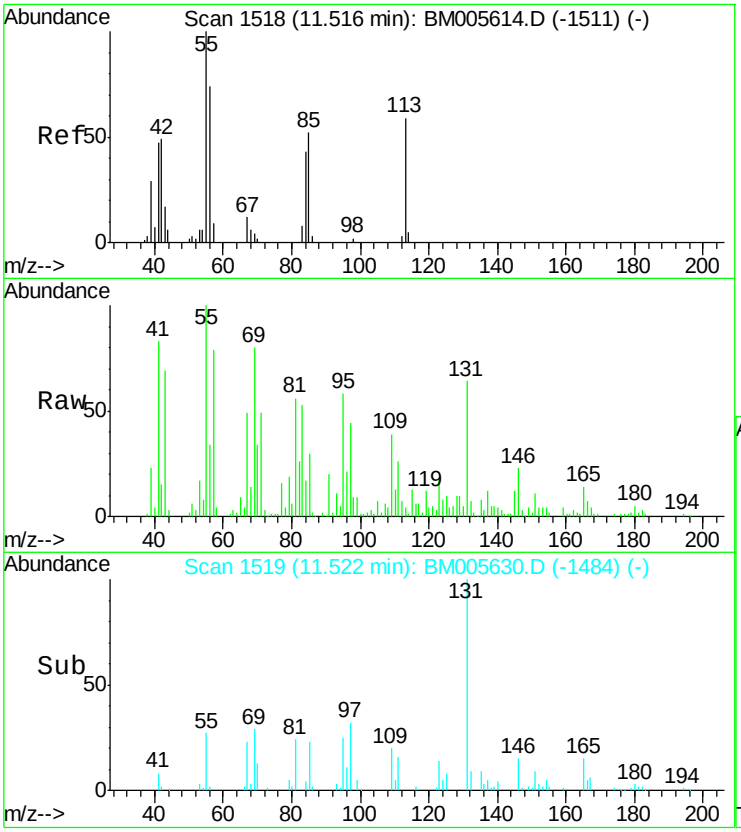


#24
2,4-Dimethylphenol
Concen: 1.84 ng/ul
RT: 9.80 min Scan# 1227
Delta R.T. 0.03 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Tgt Ion:107 Resp: 25795

Ion	Ratio	Lower	Upper
107	100		
121	40.1	37.5	56.3
122	44.5	66.9	100.3#



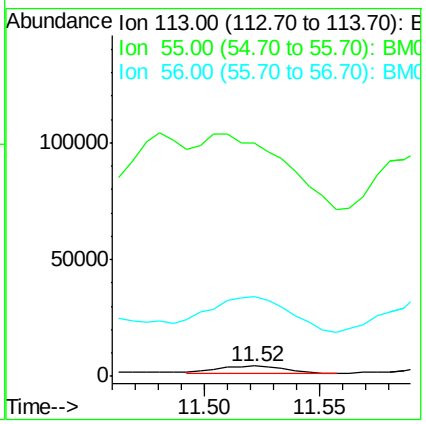


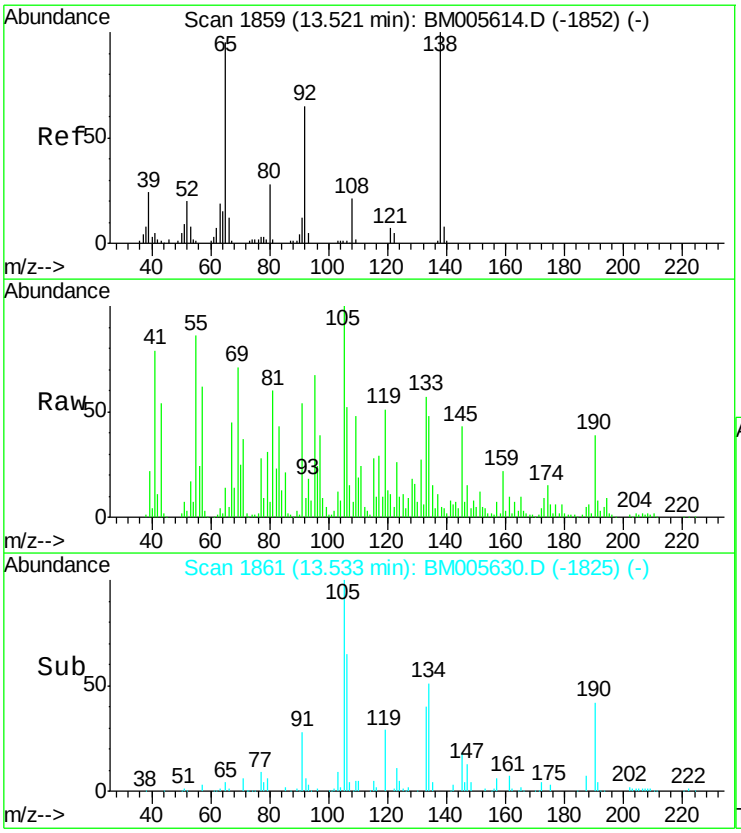
#32
Caprolactam
Concen: 1.66 ng/ul
RT: 11.52 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Instrument :
BNA_M
ClientSampleId :
JHGH6RE

Tgt Ion:113 Resp: 6519

Ion	Ratio	Lower	Upper
113	100		
55	2284.9	124.6	187.0#
56	775.5	95.2	142.8#

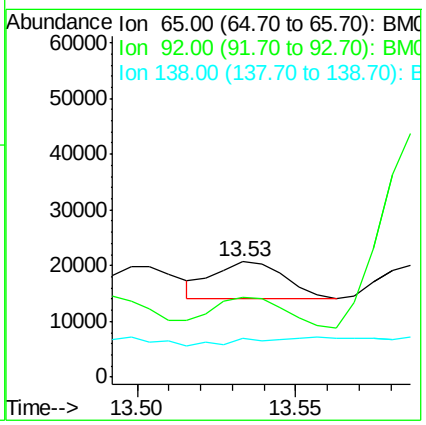


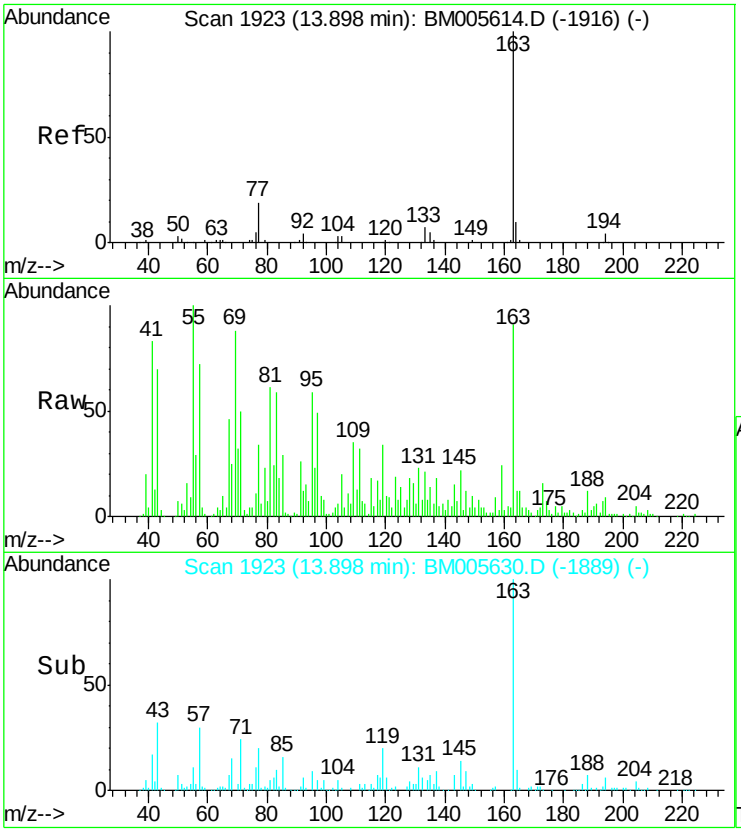


#42
2-Nitroaniline
Concen: 1.69 ng/ul
RT: 13.53 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Tgt Ion: 65 Resp: 10209

Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.6	80.4
138	33.5	82.6	124.0#



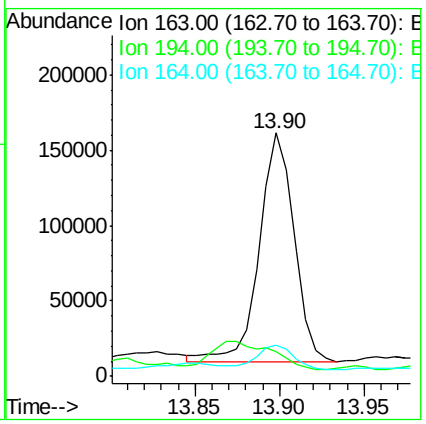


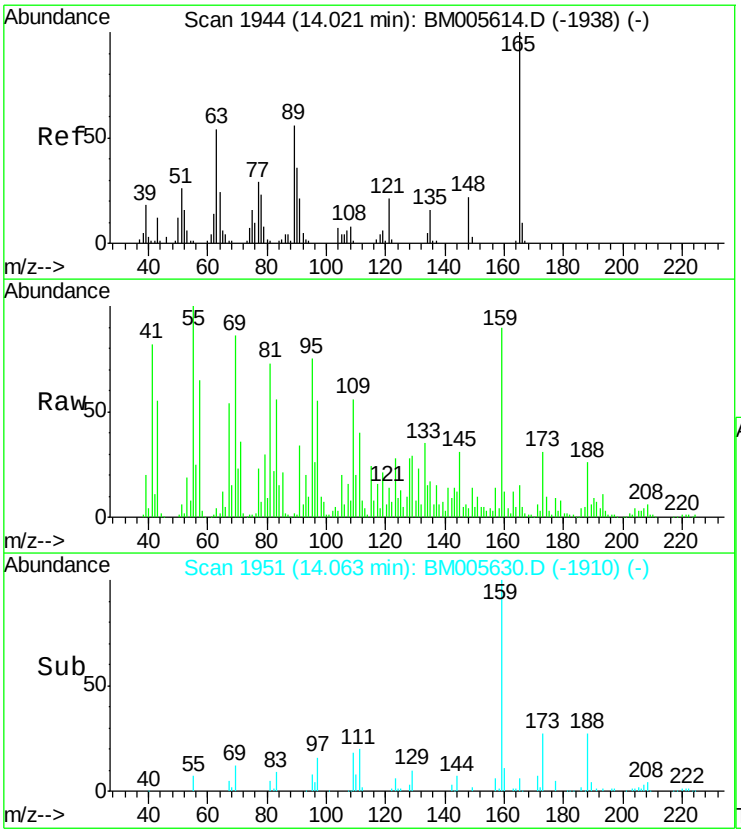
#44
Dimethylphthalate
Concen: 8.76 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Instrument :
BNA_M
ClientSampleId :
JHGH6RE

Tgt Ion:163 Resp: 218783

Ion	Ratio	Lower	Upper
163	100		
194	10.3	3.4	5.0#
164	12.9	8.0	12.0#

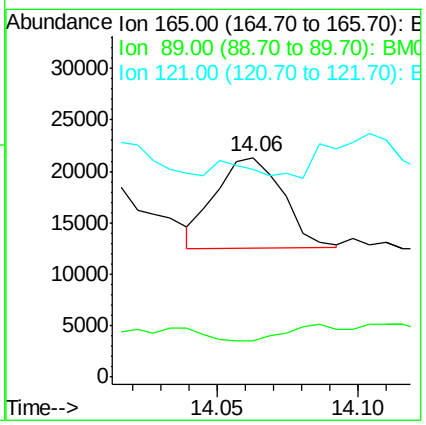


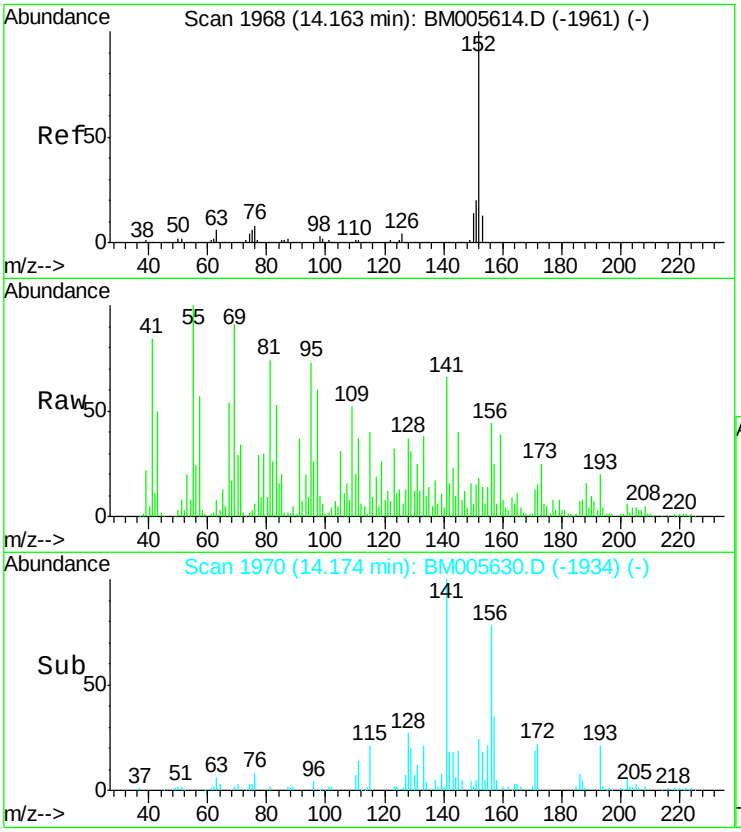


#45
2,6-Dinitrotoluene
Concen: 2.90 ng/ul
RT: 14.06 min Scan# 1951
Delta R.T. 0.04 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Tgt Ion:165 Resp: 14651

Ion	Ratio	Lower	Upper
165	100		
89	16.4	48.2	72.2#
121	94.8	17.4	26.0#



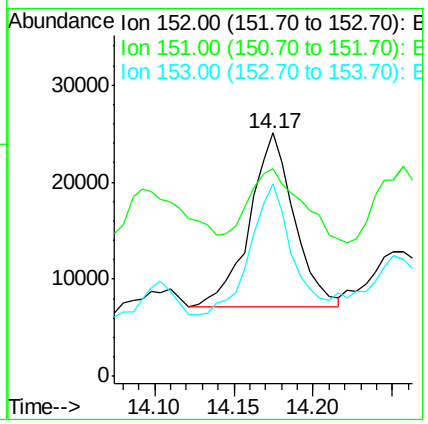


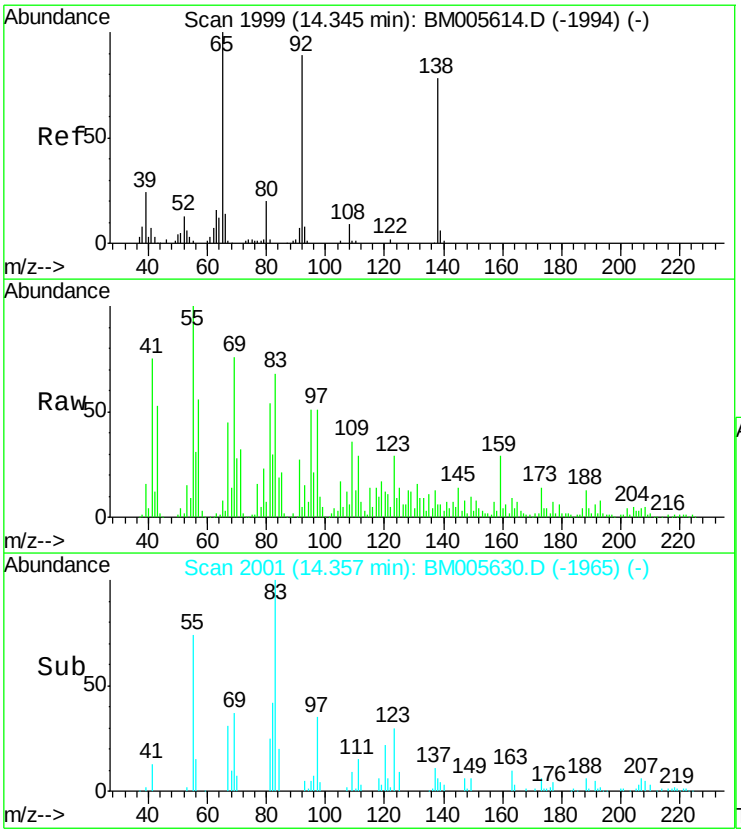
#47
Acenaphthylene
Concen: 1.10 ng/ul
RT: 14.17 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Instrument :
BNA_M
ClientSampleId :
JHGH6RE

Tgt Ion:152 Resp: 35191

Ion	Ratio	Lower	Upper
152	100		
151	85.1	15.7	23.5#
153	79.3	10.5	15.7#

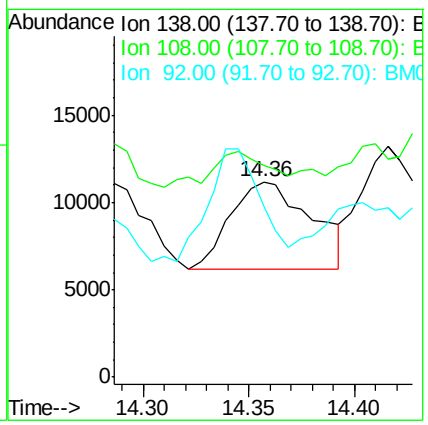


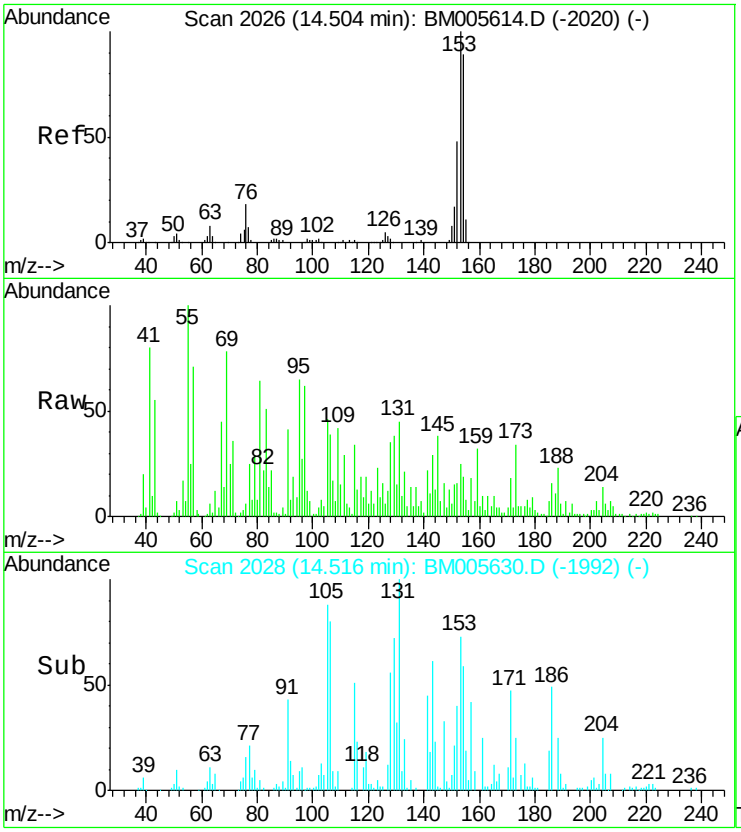


#48
3-Nitroaniline
Concen: 2.82 ng/ul
RT: 14.36 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Tgt Ion:138 Resp: 13174

Ion	Ratio	Lower	Upper
138	100		
108	107.9	9.1	13.7#
92	87.4	92.8	139.2#



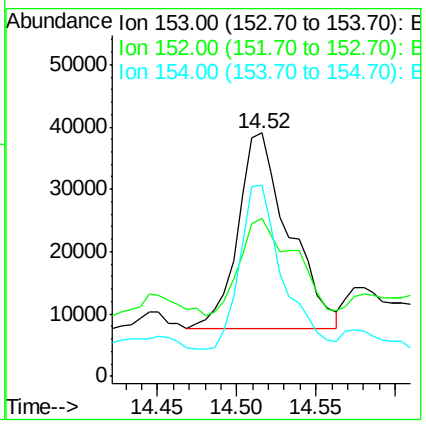


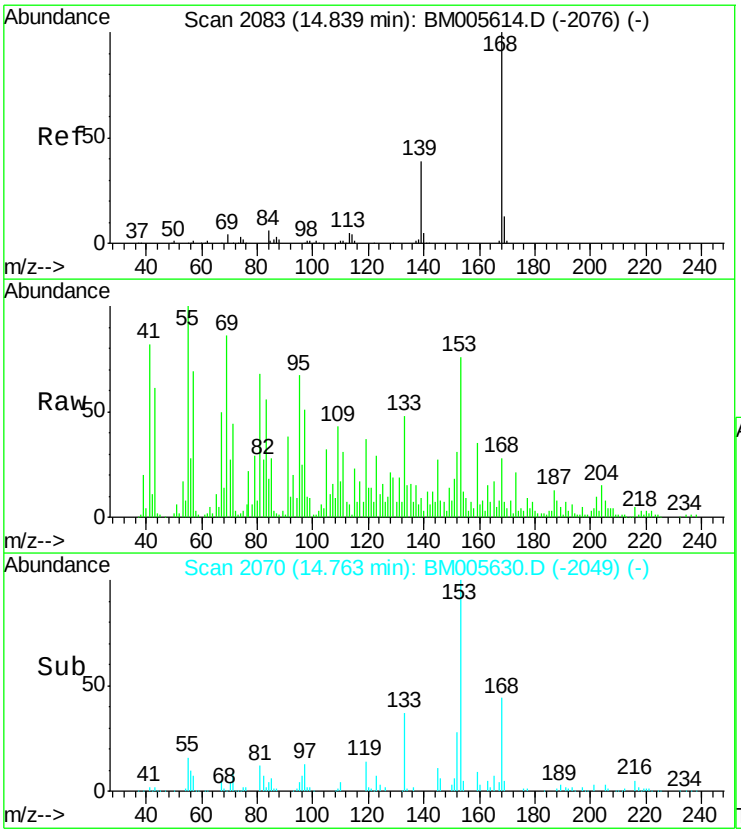
#49
Acenaphthene
Concen: 3.32 ng/ul
RT: 14.52 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Instrument :
BNA_M
ClientSampleId :
JHGH6RE

Tgt Ion:153 Resp: 70333

Ion	Ratio	Lower	Upper
153	100		
152	64.8	37.8	56.6#
154	78.6	71.1	106.7

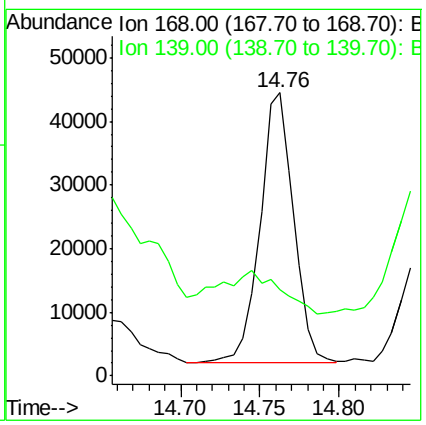


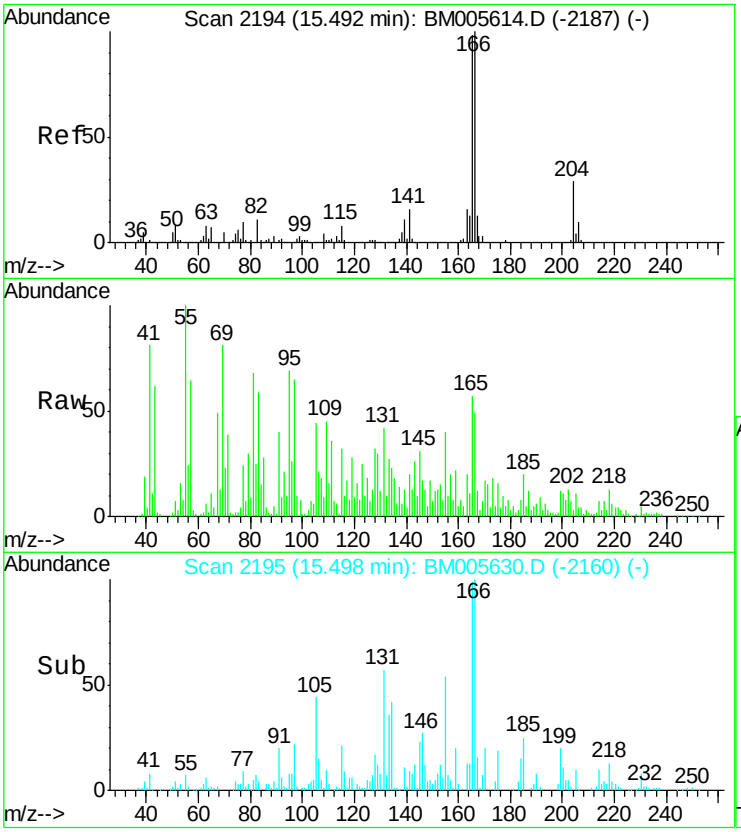


#53
Dibenzofuran
Concen: 2.07 ng/ul
RT: 14.76 min Scan# 2070
Delta R.T. -0.08 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Tgt Ion:168 Resp: 62481

Ion	Ratio	Lower	Upper
168	100		
139	30.7	30.6	46.0



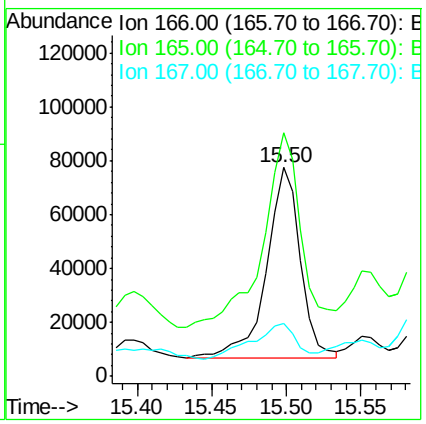


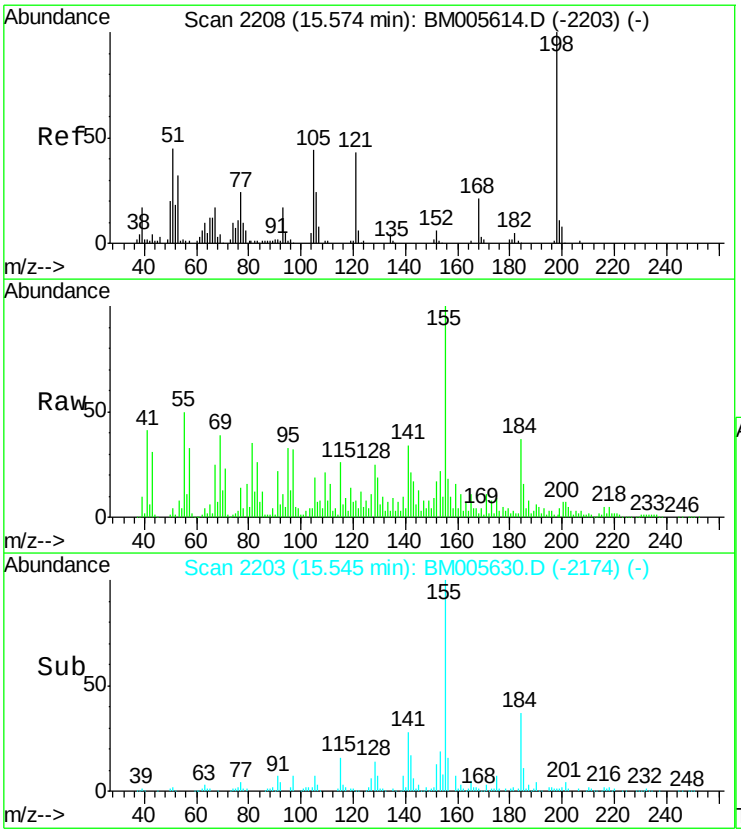
#58
Fluorene
Concen: 4.64 ng/ul
RT: 15.50 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Instrument :
BNA_M
ClientSampleId :
JHGH6RE

Tgt Ion:166 Resp: 112193

Ion	Ratio	Lower	Upper
166	100		
165	116.7	78.0	117.0
167	25.0	10.5	15.7#

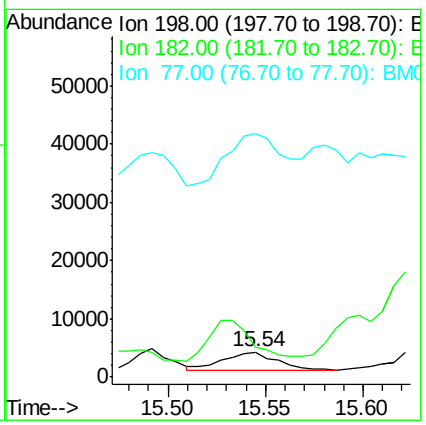


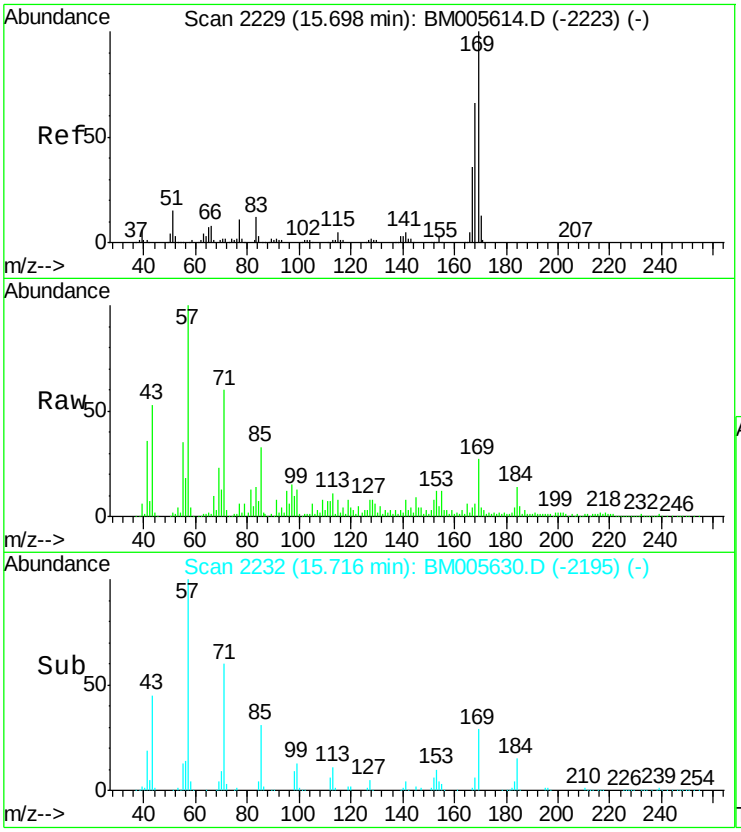


#63
4,6-Dinitro-2-methylphenol
Concen: 1.73 ng/ul
RT: 15.54 min Scan# 2203
Delta R.T. -0.03 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Tgt Ion:198 Resp: 6317

Ion	Ratio	Lower	Upper
198	100		
182	122.2	2.5	3.7#
77	984.6	21.8	32.8#



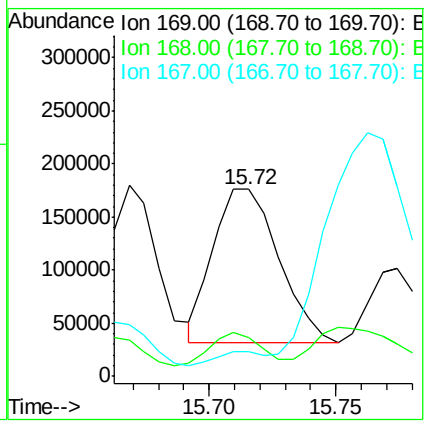


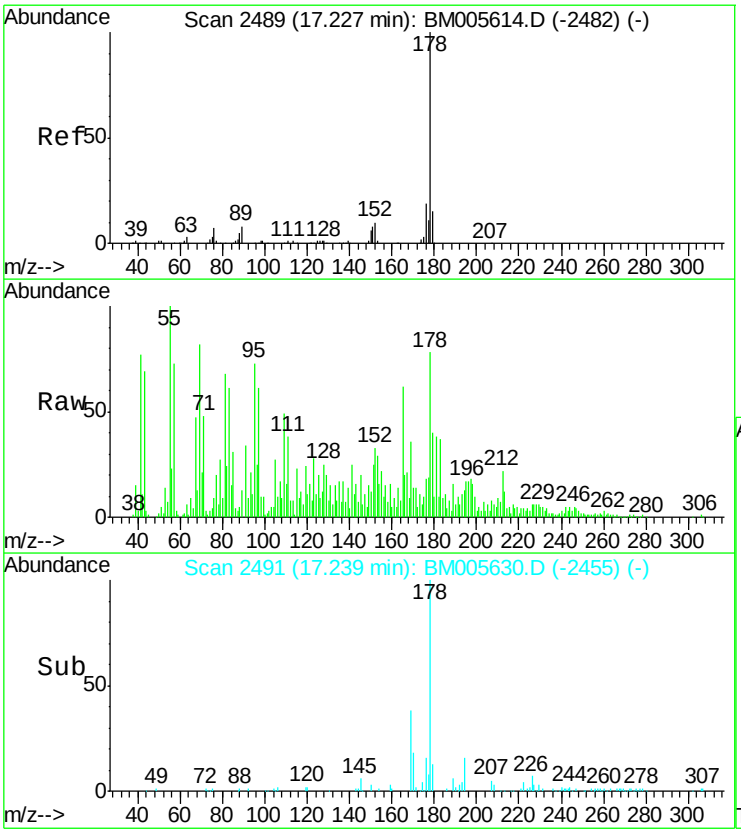
#64
N-Nitrosodiphenylamine
Concen: 14.05 ng/ul
RT: 15.72 min Scan# 2232
Delta R.T. 0.02 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Instrument :
BNA_M
ClientSampleId :
JHGH6RE

Tgt Ion:169 Resp: 257851

Ion	Ratio	Lower	Upper
169	100		
168	21.1	53.2	79.8#
167	13.2	28.9	43.3#

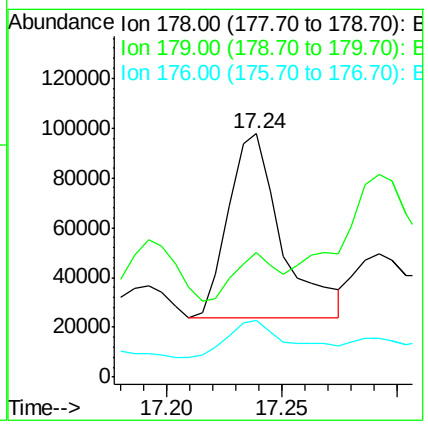


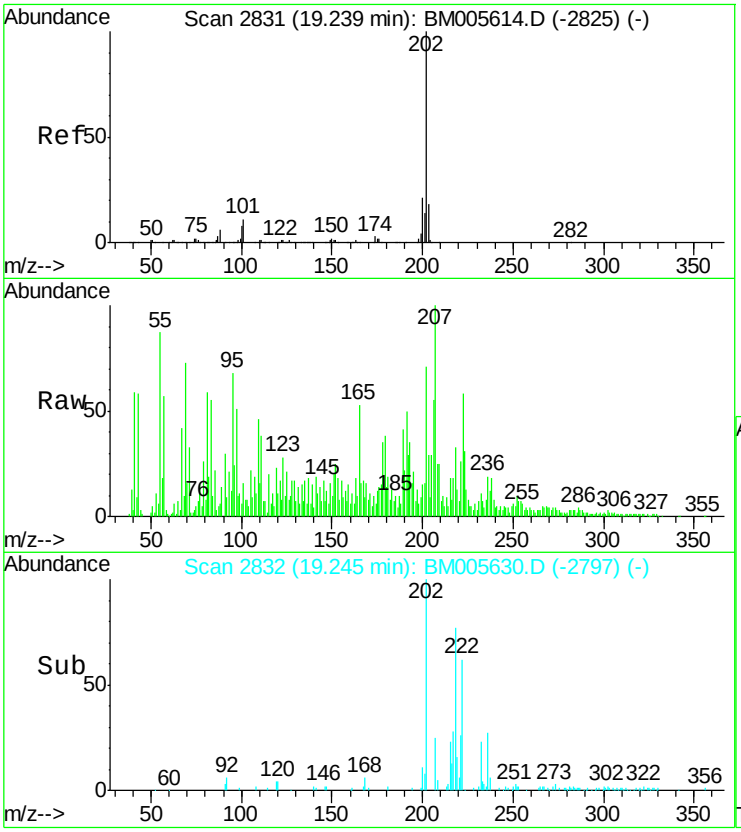


#69
Phenanthrene
Concen: 3.54 ng/ul
RT: 17.24 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Tgt Ion:178 Resp: 119743

Ion	Ratio	Lower	Upper
178	100		
179	51.3	12.2	18.2#
176	23.1	15.8	23.6



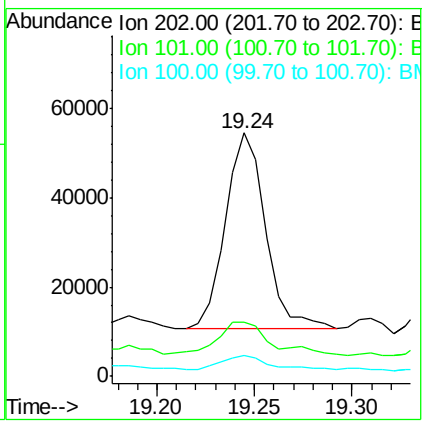


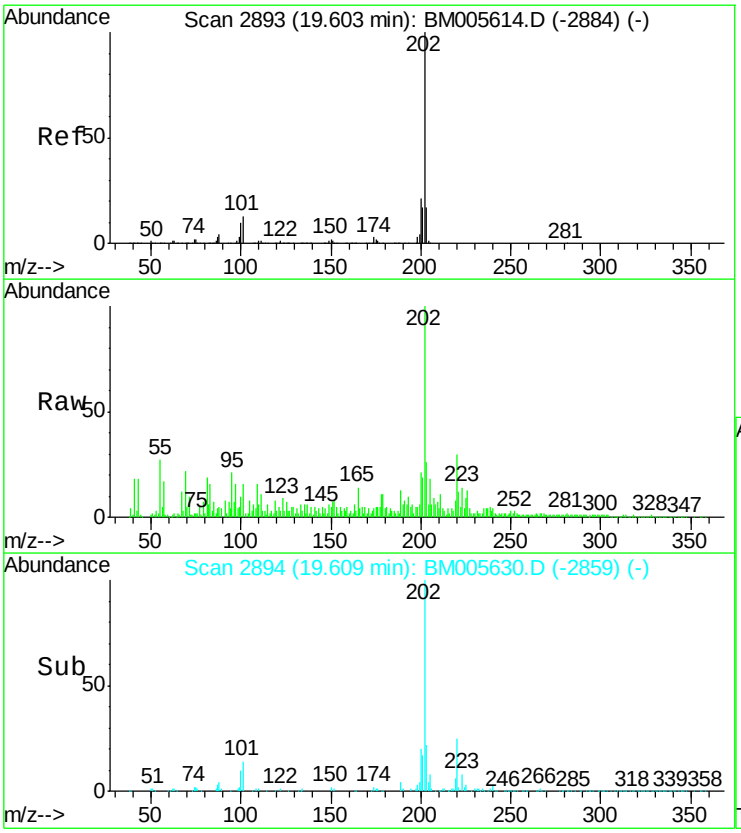
#74
Fluoranthene
Concen: 1.64 ng/ul
RT: 19.24 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Instrument :
BNA_M
ClientSampleId :
JHGH6RE

Tgt Ion:202 Resp: 62566

Ion	Ratio	Lower	Upper
202	100		
101	22.5	7.9	11.9#
100	8.6	5.6	8.4#

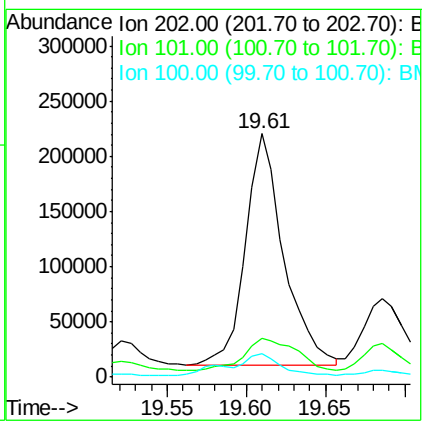


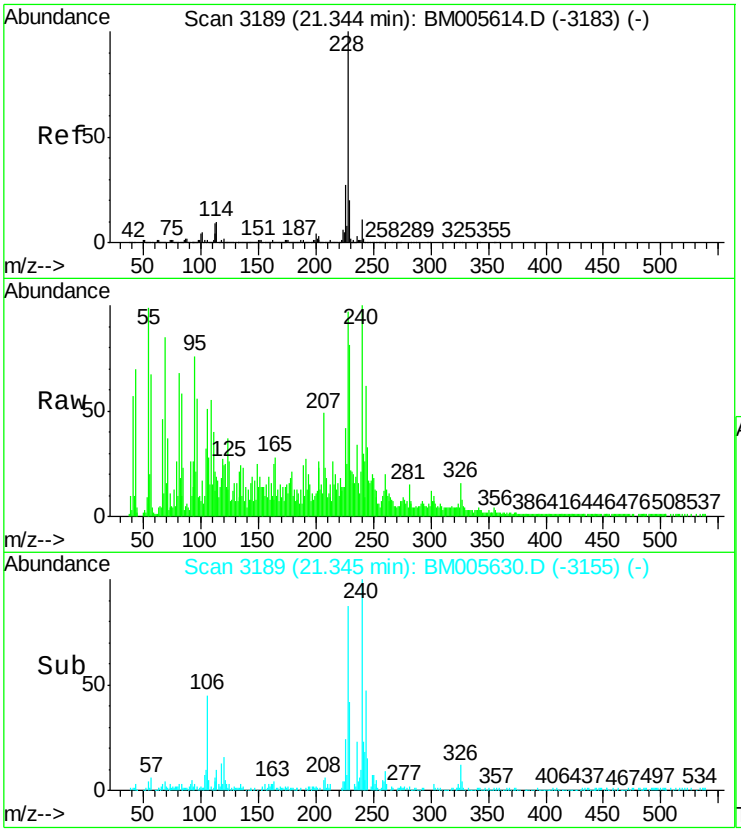


#77
Pyrene
Concen: 8.97 ng/ul
RT: 19.61 min Scan# 2894
Delta R.T. 0.01 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Tgt Ion:202 Resp: 350001

Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.6	14.4#
100	9.8	7.8	11.6



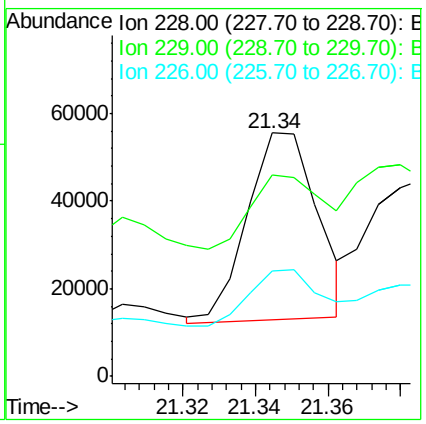


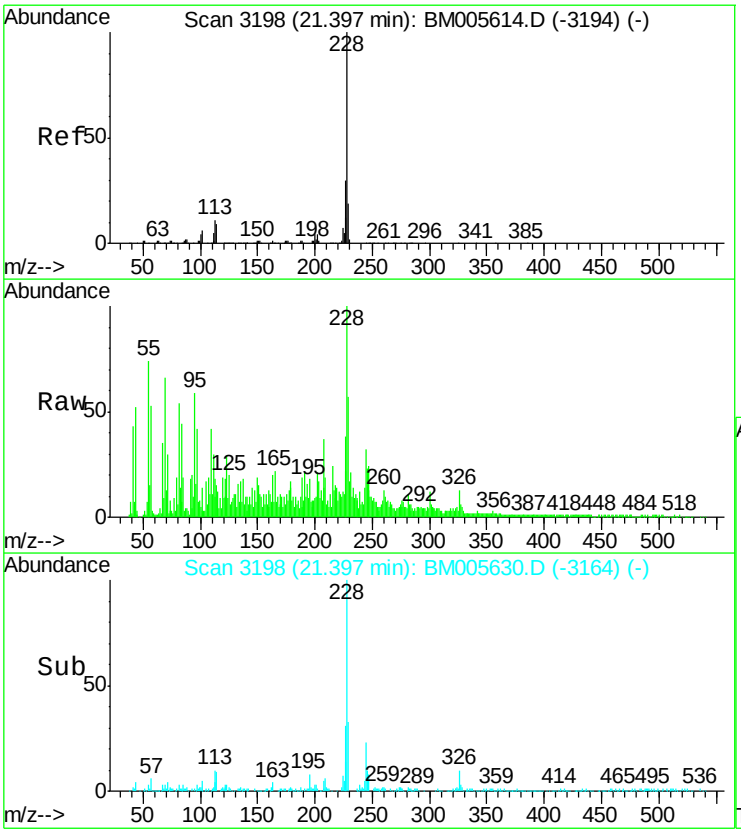
#80
Benzo(a)anthracene
Concen: 1.44 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. 0.00 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Instrument :
BNA_M
ClientSampleId :
JHGH6RE

Tgt Ion:228 Resp: 57409

Ion	Ratio	Lower	Upper
228	100		
229	82.8	15.4	23.2#
226	43.2	21.0	31.4#

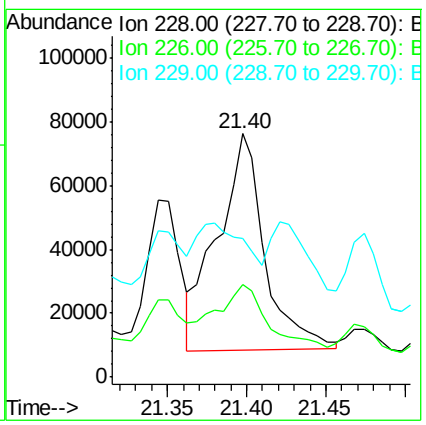


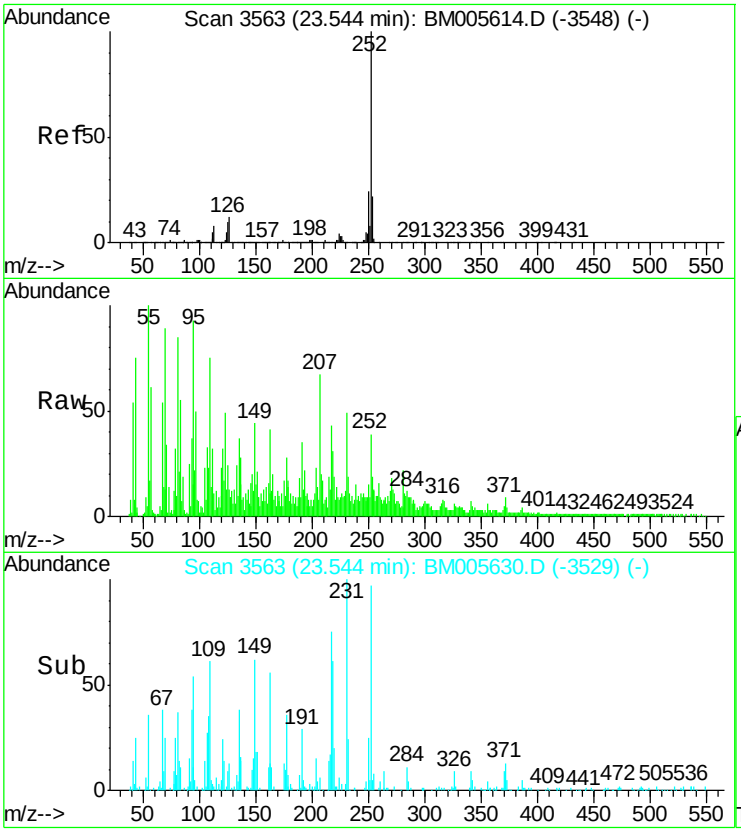


#82
Chrysene
Concen: 3.69 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. 0.00 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Tgt Ion:228 Resp: 139889

Ion	Ratio	Lower	Upper
228	100		
226	38.1	23.7	35.5#
229	57.1	15.5	23.3#





#88
Benzo(a)pyrene
Concen: 1.11 ng/ul
RT: 23.54 min Scan# 3563
Delta R.T. 0.00 min
Lab File: BM005630.D
Acq: 24 May 2016 04:18

Instrument :
BNA_M
ClientSampleId :
JHGH6RE

Tgt Ion:252 Resp: 44214

Ion	Ratio	Lower	Upper
252	100		
253	47.5	17.6	26.4#
125	62.2	7.6	11.4#