Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005238.D
Acq On : 05 May 2016 17:06
Operator : UM/SJ
Sample : PB90262BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK62

Quant Time: May 06 04:18:51 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	77195	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	375839	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	248689	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	628184	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	770177	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	763188	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	9641	5.87	ng/uL	0.00
5) Phenol-d5	6.95	99	190725	27.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	121123	30.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	152447	28.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	162002	27.99	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	81693	30.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	92855	30.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	155058	27.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	251427	36.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	630101	31.61	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	705271	30.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	101263	27.83	ng/ul	0.00
57) Fluorene-d10	15.41	176	528598	30.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	93555	26.47	ng/ul	0.00
70) Anthracene-d10	17.26	188	874152	31.48	ng/ul	0.00
76) Pyrene-d10	19.56	212	1044465	29.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1070045	31.67	ng/ul	0.00
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	7.20	93	432	0.08	ng/ul#	84
12) 2,2'-oxybis(1-Chloropropan	8.47	45	743	0.10	ng/ul#	67
15) N-Nitroso-di-n-propylamine	8.47	70	3767	0.84	ng/ul#	1
20) Nitrobenzene	8.93	77	301	0.04	ng/ul#	41
21) Isophorone	9.65	82	7698	0.59	ng/ul#	71
45) 2,6-Dinitrotoluene	13.83	165	4336	1.10	ng/ul#	40
58) Fluorene	15.42	166	1036	0.06	ng/ul#	6
64) N-Nitrosodiphenylamine	15.54	169	657	0.04	ng/ul#	5
73) Di-n-butylphthalate	18.13	149	253	0.01	ng/ul#	78
74) Fluoranthene	19.23	202	325	0.01	ng/ul#	72
77) Pyrene	19.59	202	371	0.01	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.29	252	349	0.03	ng/ul#	26
80) Benzo(a)anthracene	21.36	228	3441	0.08	ng/ul#	62
82) Chrysene	21.40	228	1413	0.03	ng/ul#	50
84) Di-n-octyl phthalate	22.15	149	370	0.01	ng/ul#	78
85) Benzo(b)fluoranthene	22.96	252	2941	0.07	ng/ul#	72
86) Benzo(k)fluoranthene	23.00	252	1867	0.04	ng/ul#	79
88) Benzo(a)pyrene	23.53	252	3577	0.08	ng/ul#	79
89) Indeno(1,2,3-cd)pyrene	25.94	276	5960	0.13	ng/ul	96
90) Dibenzo(a,h)anthracene	25.96	278	5475	0.14	ng/ul#	80
91) Benzo(g,h,i)perylene	26.65	276	4075	0.10	ng/ul#	52

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005238.D
Acq On : 05 May 2016 17:06
Operator : UM/SJ
Sample : PB90262BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK62

Quant Time: May 06 04:18:51 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005238.D
Acq On : 05 May 2016 17:06
Operator : UM/SJ
Sample : PB90262BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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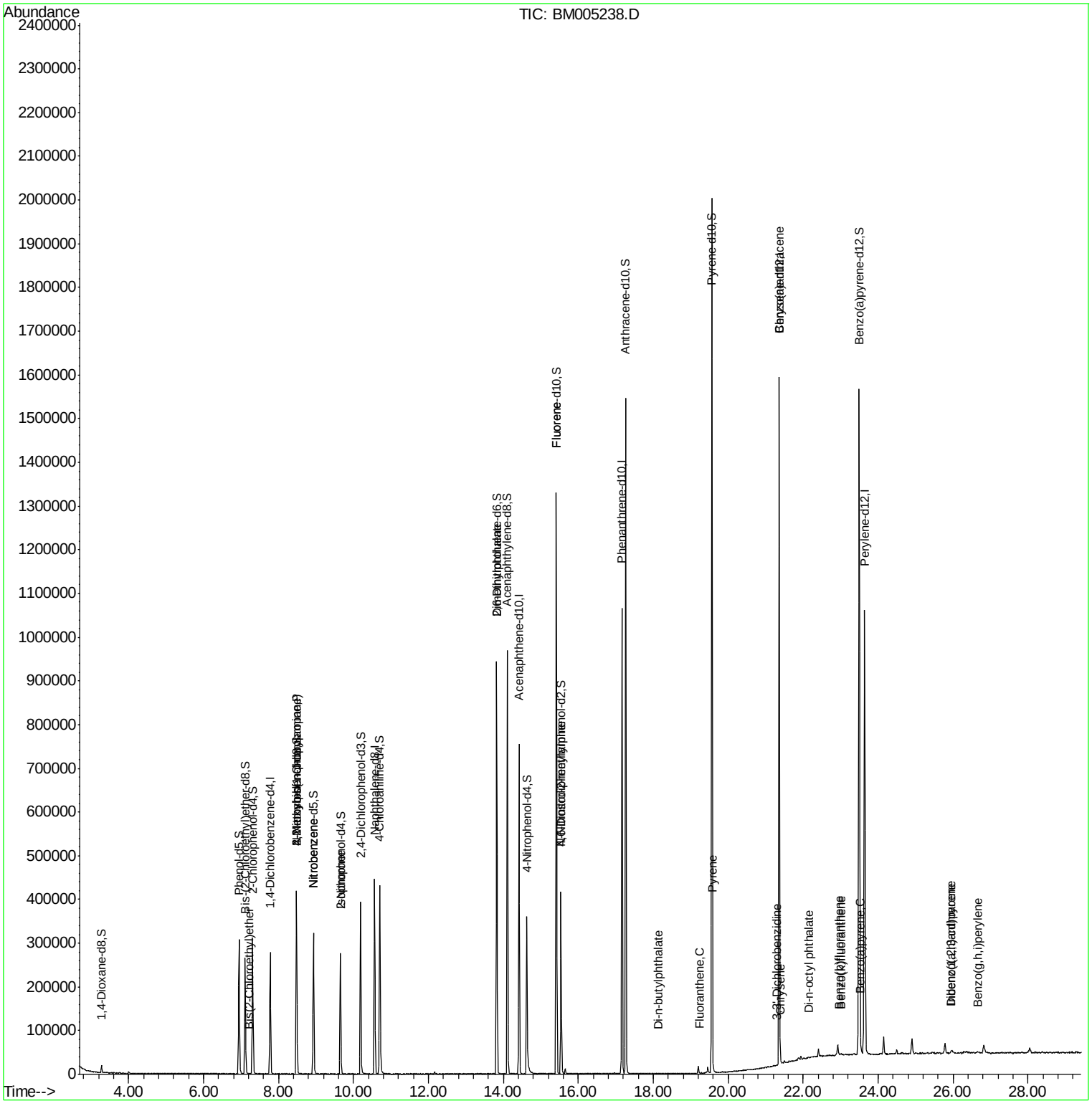
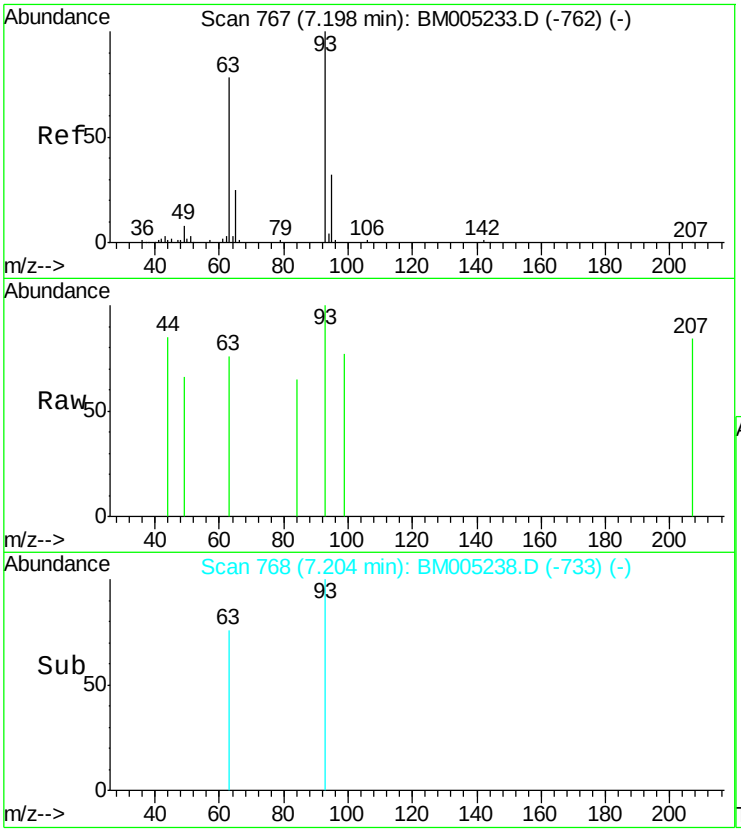
Quant Time: May 06 04:18:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 06 04:17:42 2016
Response via : Initial Calibration



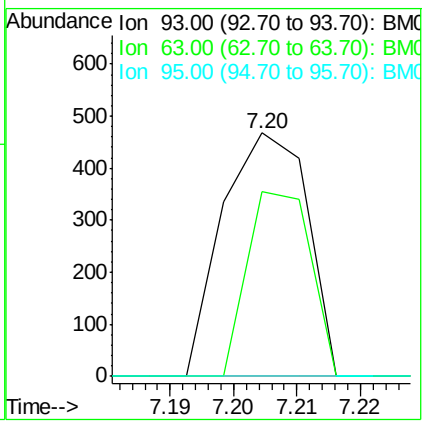


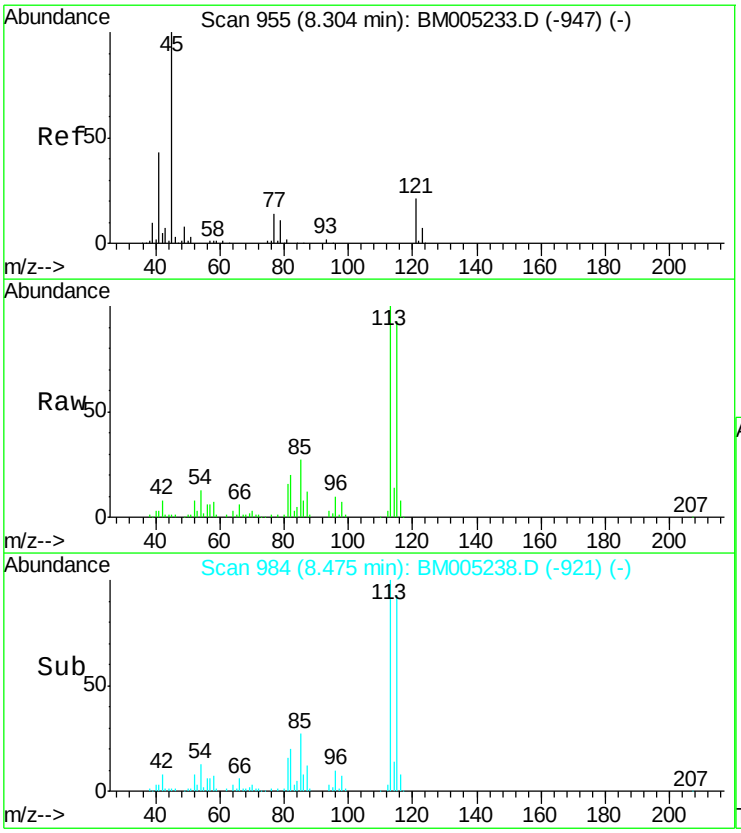
#8
Bis(2-Chloroethyl)ether
Concen: 0.08 ng/ul
RT: 7.20 min Scan# 768
Delta R.T. 0.01 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Instrument :
BNA_M
ClientSampleId :
SBLK62

Tgt Ion: 93 Resp: 432

Ion	Ratio	Lower	Upper
93	100		
63	76.1	60.6	90.8
95	0.0	24.2	36.4#

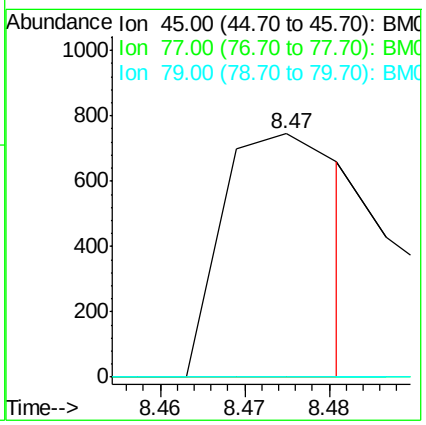


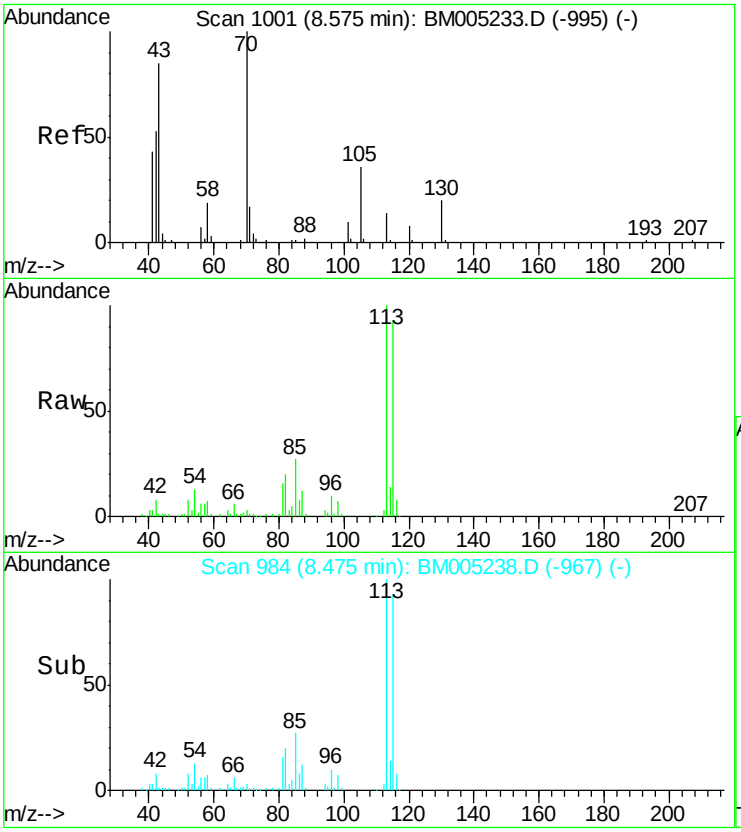


#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.10 ng/ul
RT: 8.47 min Scan# 984
Delta R.T. 0.17 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Tgt Ion: 45 Resp: 743

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



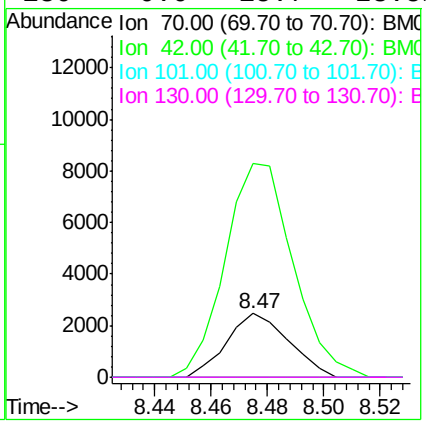


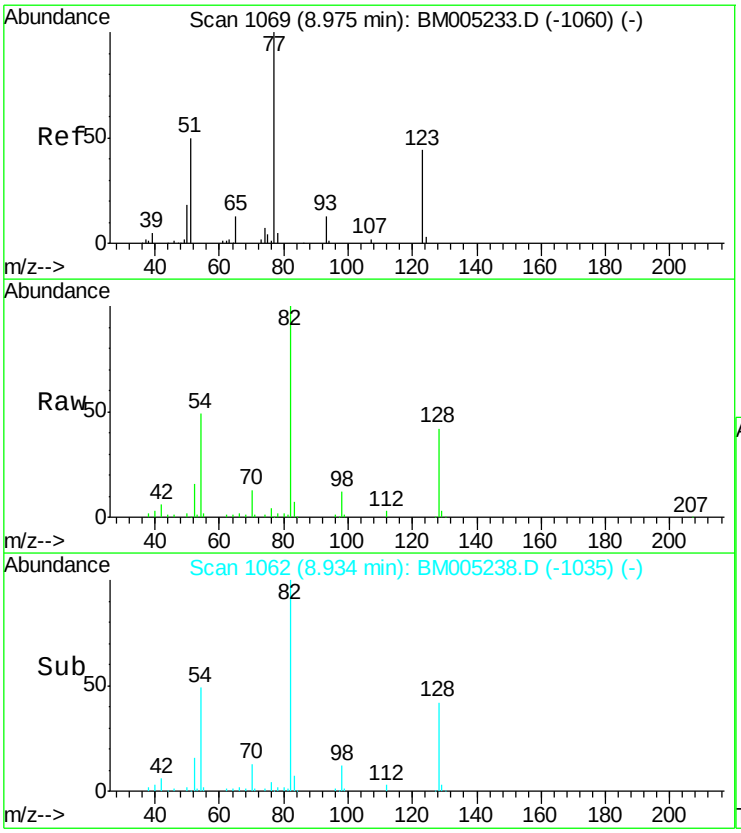
#15
N-Nitroso-di-n-propylamine
Concen: 0.84 ng/ul
RT: 8.47 min Scan# 984
Delta R.T. -0.10 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Instrument :
BNA_M
ClientSampleId :
SBLK62

Tgt Ion: 70 Resp: 3767

Ion	Ratio	Lower	Upper
70	100		
42	335.8	42.8	64.2#
101	0.0	7.8	11.6#
130	0.0	15.7	23.5#

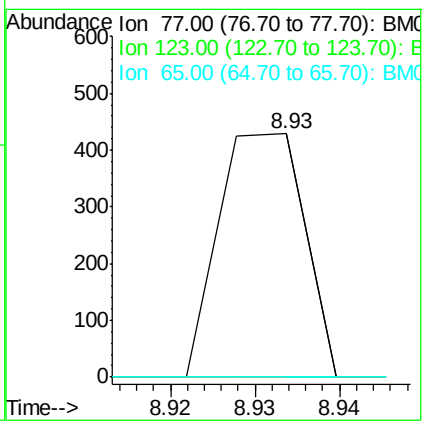


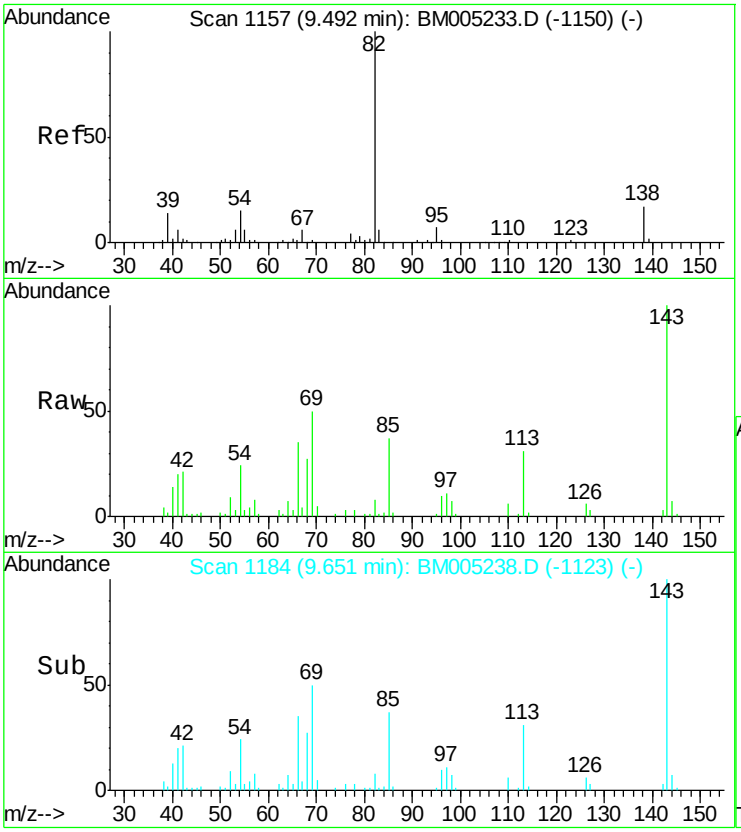


#20
Nitrobenzene
Concen: 0.04 ng/ul
RT: 8.93 min Scan# 1062
Delta R.T. -0.04 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Tgt Ion: 77 Resp: 301

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



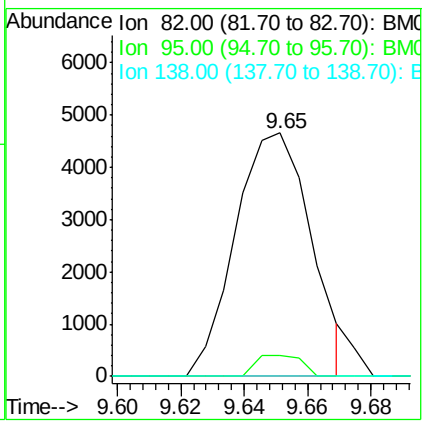


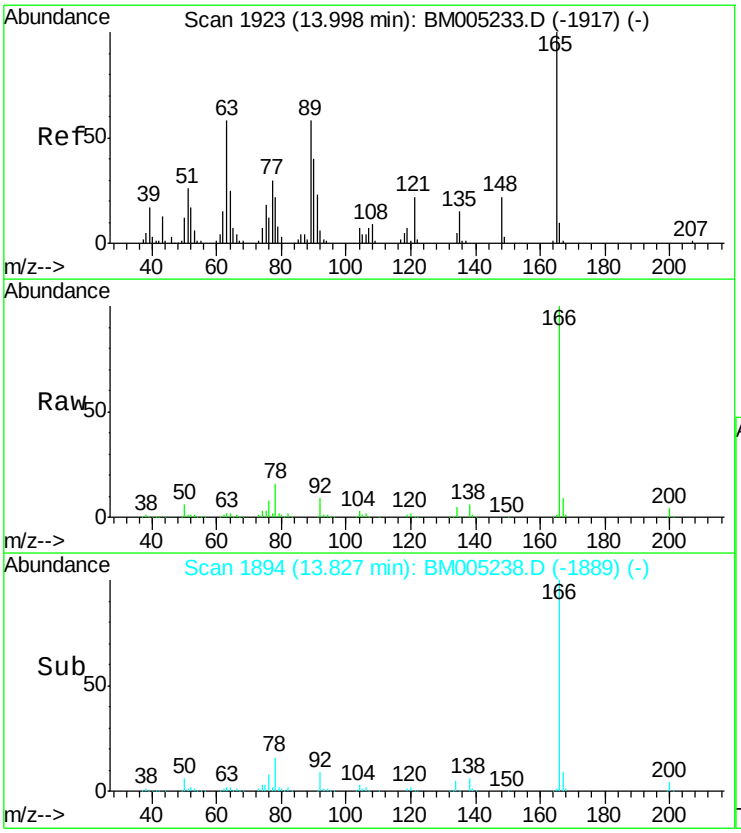
#21
Isophorone
Concen: 0.59 ng/ul
RT: 9.65 min Scan# 1184
Delta R.T. 0.16 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Instrument :
BNA_M
ClientSampleId :
SBLK62

Tgt Ion: 82 Resp: 7698

Ion	Ratio	Lower	Upper
82	100		
95	8.7	5.4	8.0#
138	0.0	13.4	20.2#

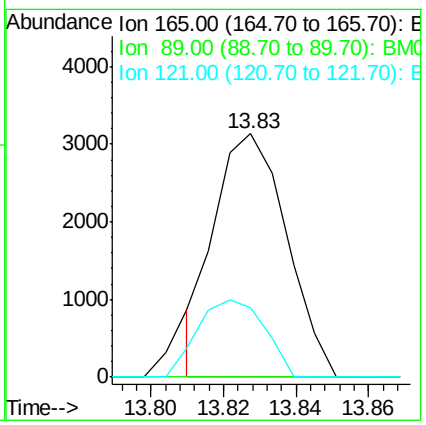


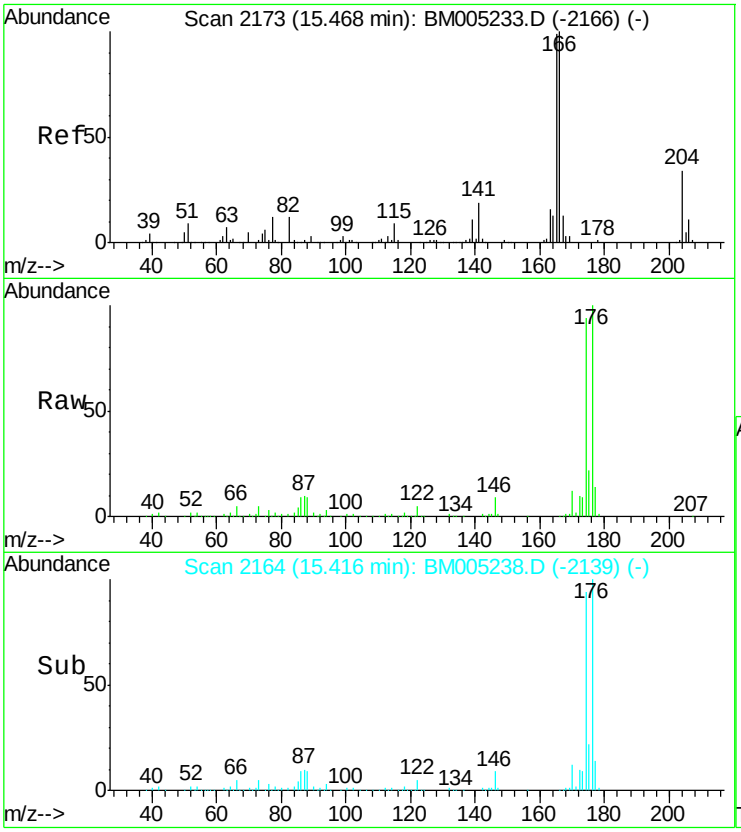


#45
2,6-Dinitrotoluene
Concen: 1.10 ng/ul
RT: 13.83 min Scan# 1894
Delta R.T. -0.17 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Tgt Ion:165 Resp: 4336

Ion	Ratio	Lower	Upper
165	100		
89	0.0	52.2	78.4#
121	28.5	21.0	31.4



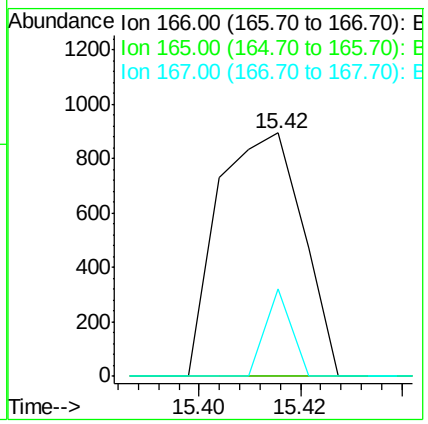


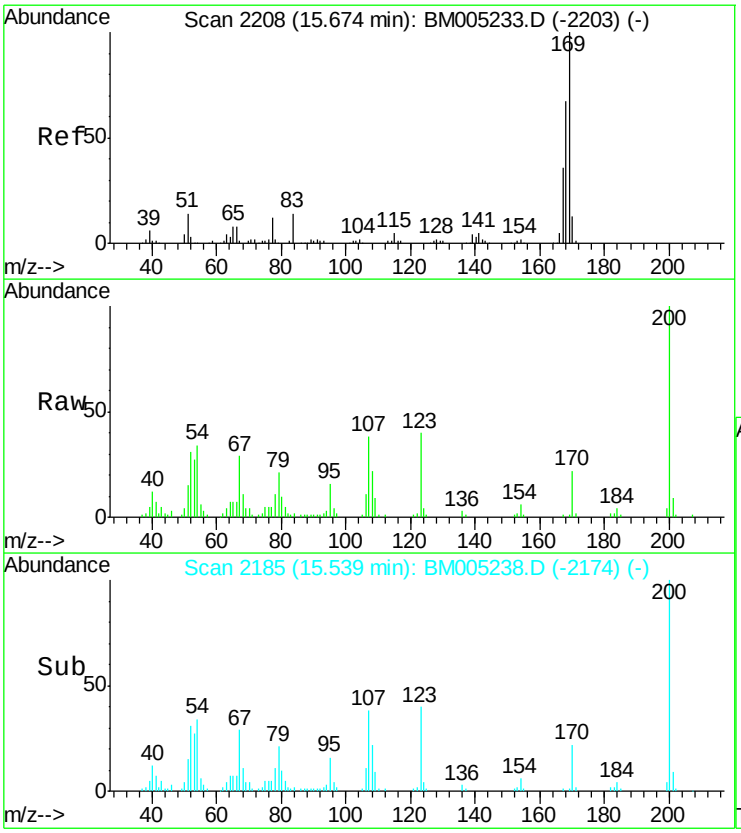
#58
Fluorene
Concen: 0.06 ng/ul
RT: 15.42 min Scan# 2164
Delta R.T. -0.05 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Instrument :
BNA_M
ClientSampleId :
SBLK62

Tgt Ion:166 Resp: 1036

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.9	116.9#
167	35.9	10.6	16.0#

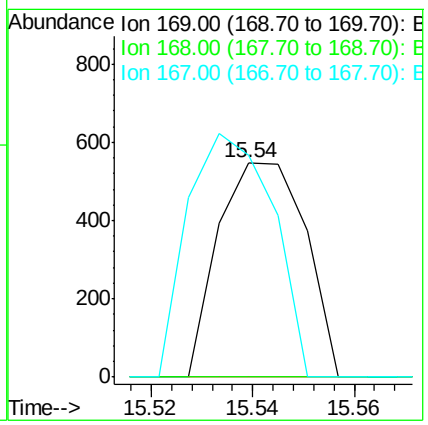


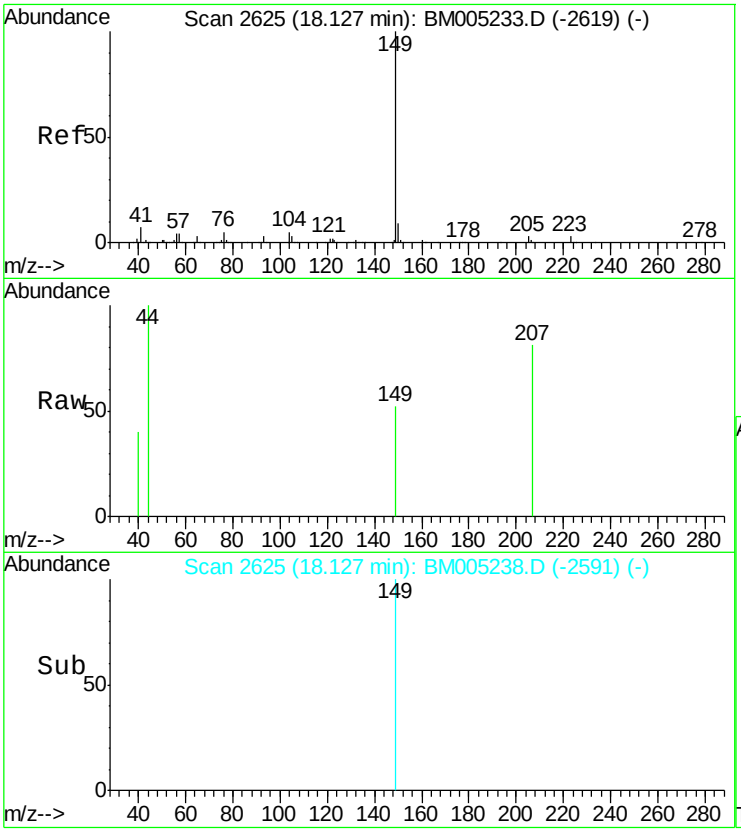


#64
N-Nitrosodiphenylamine
Concen: 0.04 ng/ul
RT: 15.54 min Scan# 2185
Delta R.T. -0.14 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Tgt Ion:169 Resp: 657

Ion	Ratio	Lower	Upper
169	100		
168	0.0	52.9	79.3#
167	103.6	28.2	42.4#



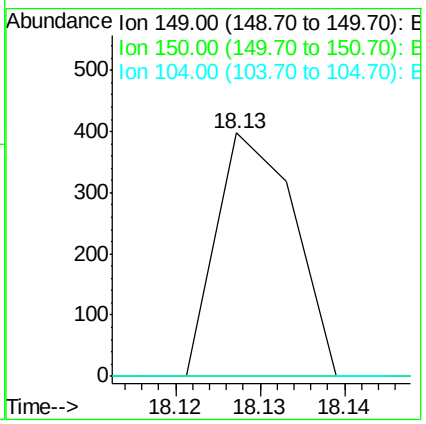


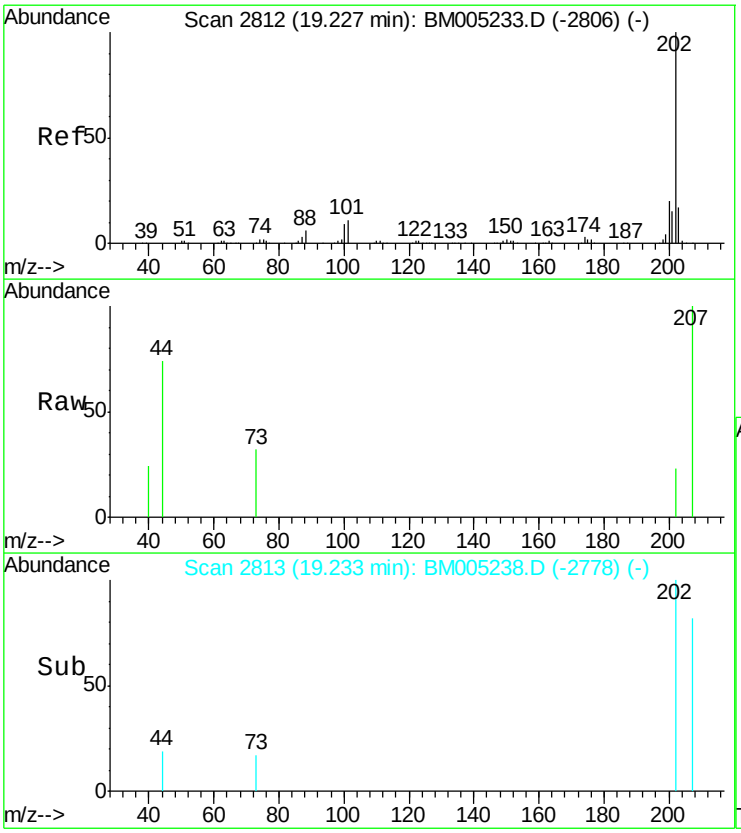
#73
Di-n-butylphthalate
Concen: 0.01 ng/ul
RT: 18.13 min Scan# 2625
Delta R.T. 0.00 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Instrument :
BNA_M
ClientSampleId :
SBLK62

Tgt Ion:149 Resp: 253

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

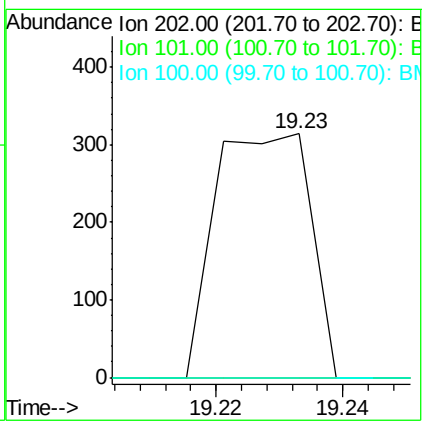


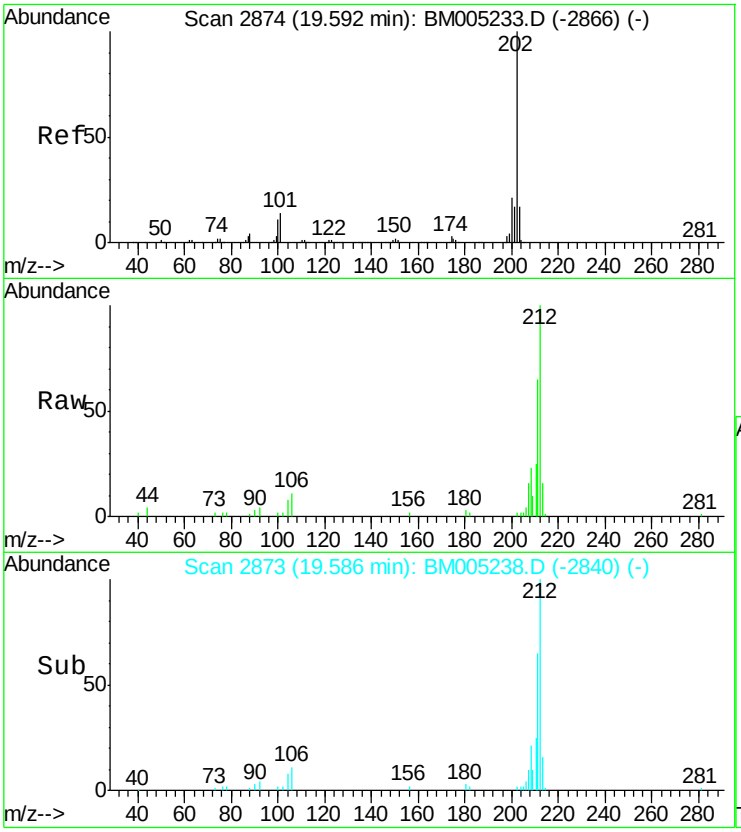


#74
Fluoranthene
Concen: 0.01 ng/ul
RT: 19.23 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Tgt Ion:202 Resp: 325

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



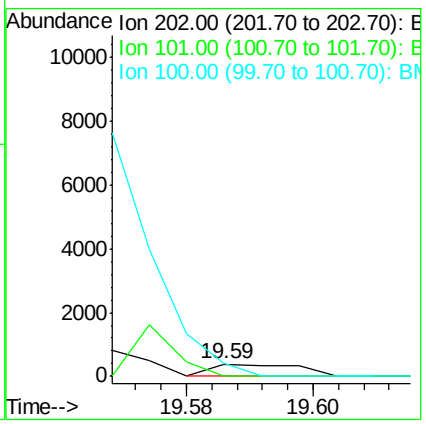


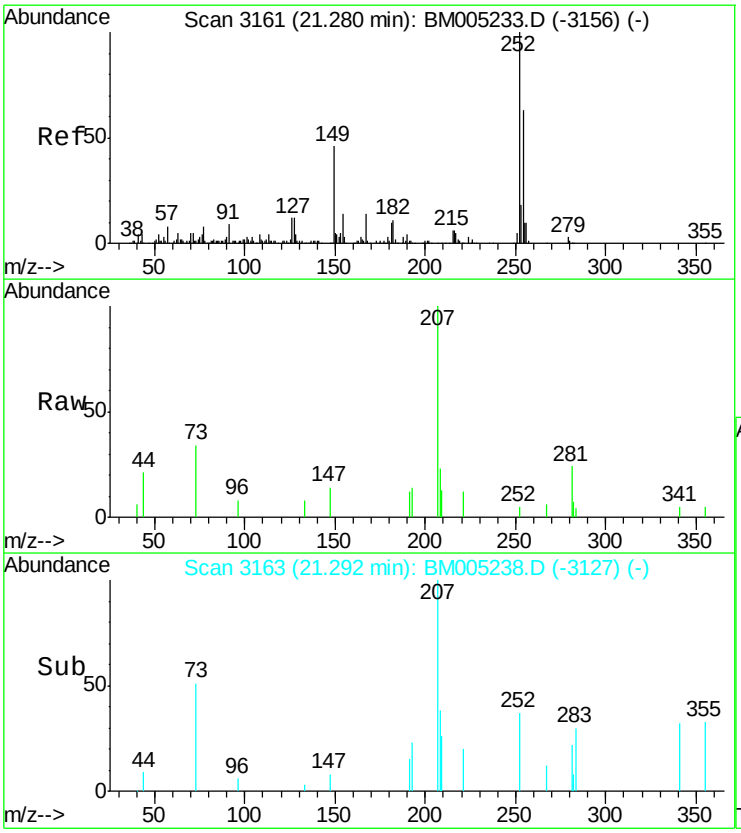
#77
Pyrene
Concen: 0.01 ng/ul
RT: 19.59 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Instrument :
BNA_M
ClientSampleId :
SBLK62

Tgt Ion:202 Resp: 371

Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.8	16.2#
100	103.4	8.4	12.6#

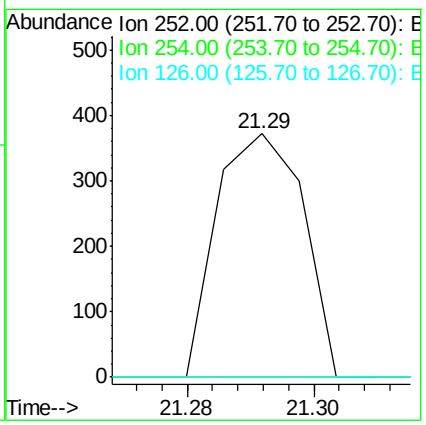


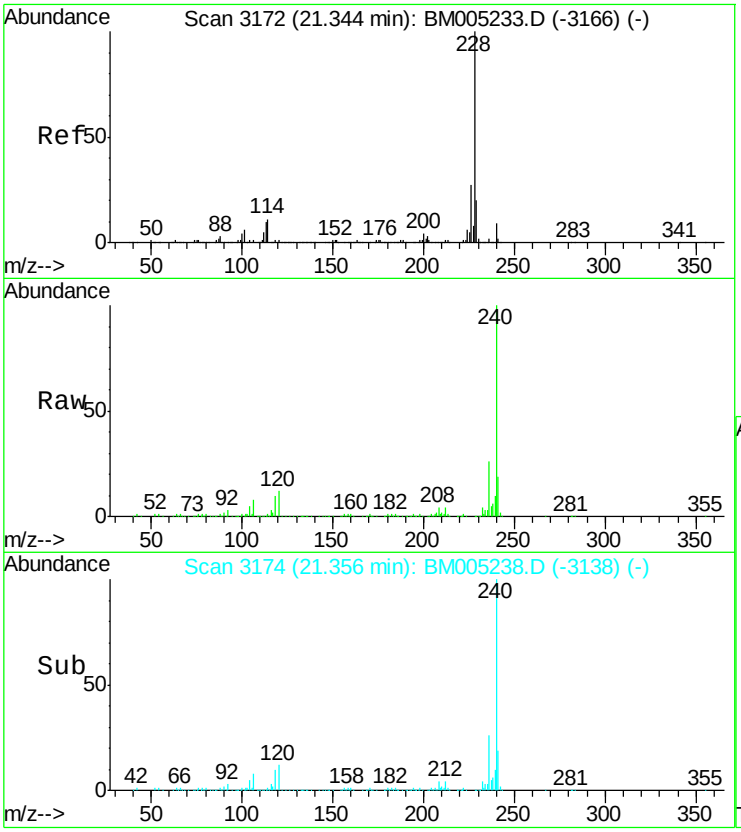


#79
3,3'-Dichlorobenzidine
Concen: 0.03 ng/ul
RT: 21.29 min Scan# 3163
Delta R.T. 0.01 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Tgt Ion:252 Resp: 349

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.1	78.1#
126	0.0	9.8	14.8#



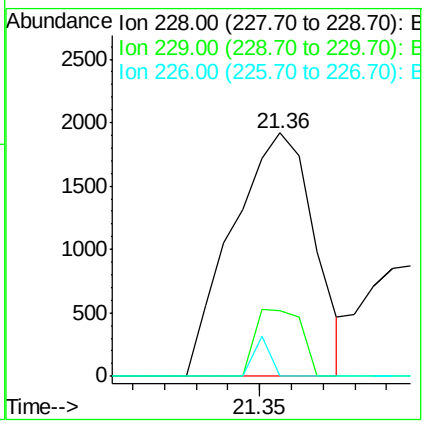


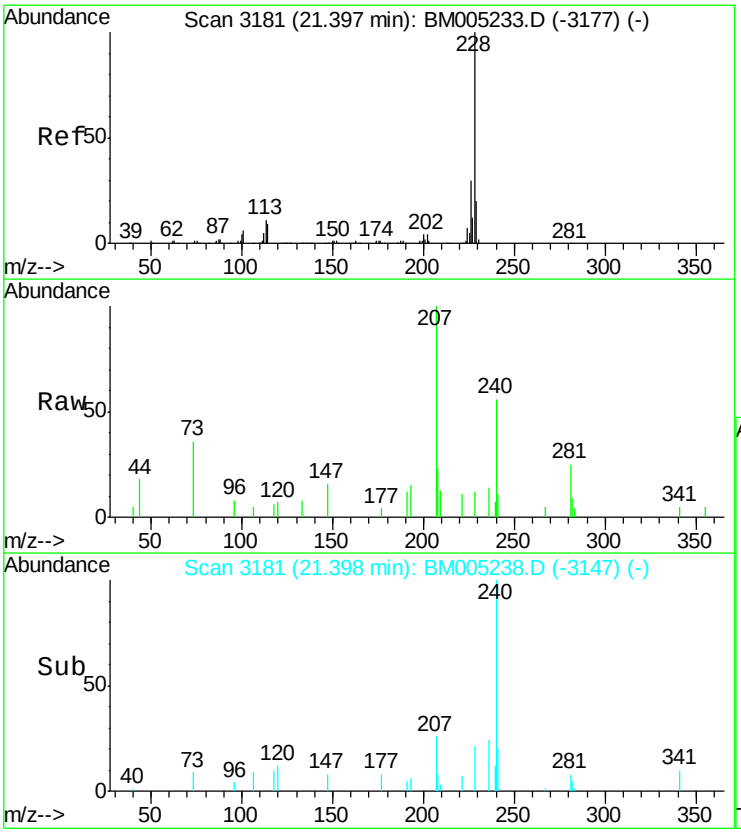
#80
Benzo(a)anthracene
Concen: 0.08 ng/ul
RT: 21.36 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Instrument :
BNA_M
ClientSampleId :
SBLK62

Tgt Ion:228 Resp: 3441

Ion	Ratio	Lower	Upper
228	100		
229	27.1	15.5	23.3#
226	0.0	21.8	32.8#

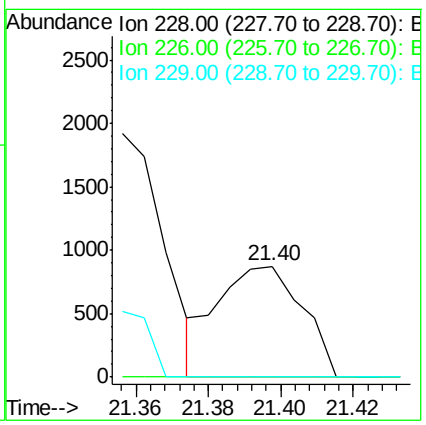


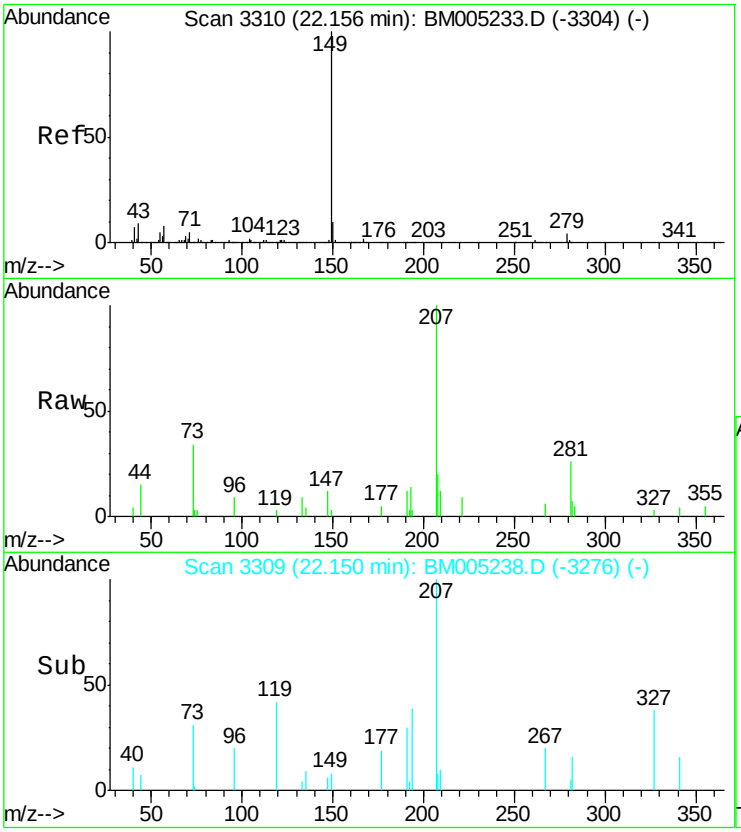


#82
Chrysene
Concen: 0.03 ng/ul
RT: 21.40 min Scan# 3181
Delta R.T. 0.00 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Tgt Ion:228 Resp: 1413

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



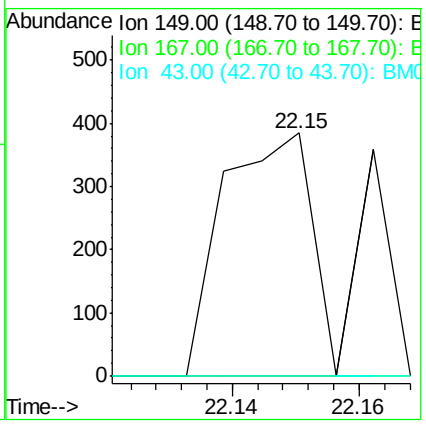


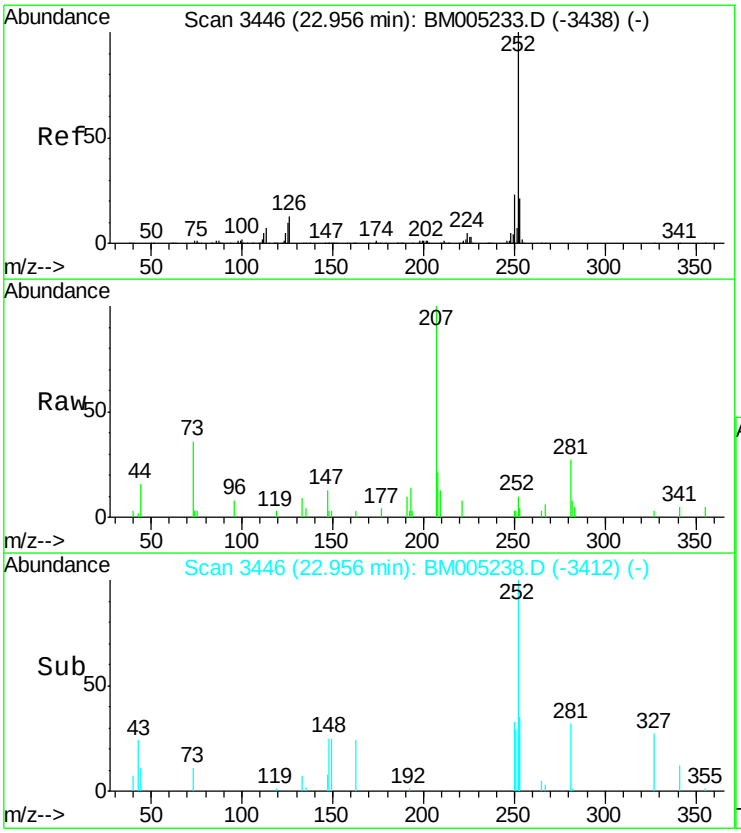
#84
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.15 min Scan# 3309
Delta R.T. -0.01 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Instrument :
BNA_M
ClientSampleId :
SBLK62

Tgt Ion:149 Resp: 370

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

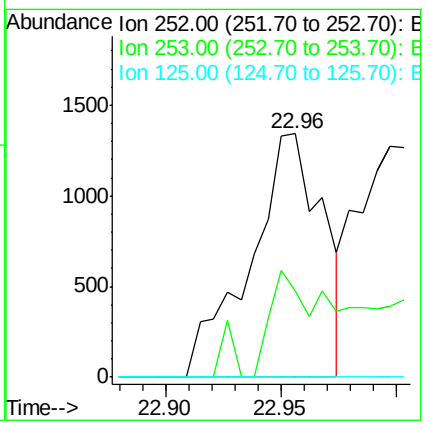


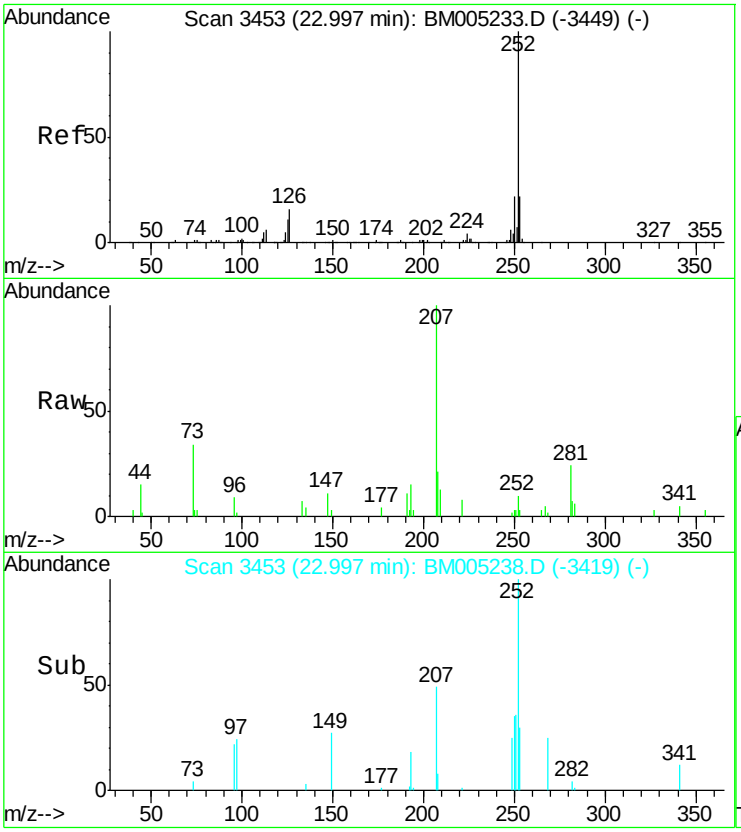


#85
Benzo(b)fluoranthene
Concen: 0.07 ng/ul
RT: 22.96 min Scan# 3446
Delta R.T. 0.00 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Tgt Ion:252 Resp: 2941

Ion	Ratio	Lower	Upper
252	100		
253	35.2	17.4	26.2#
125	0.0	8.4	12.6#



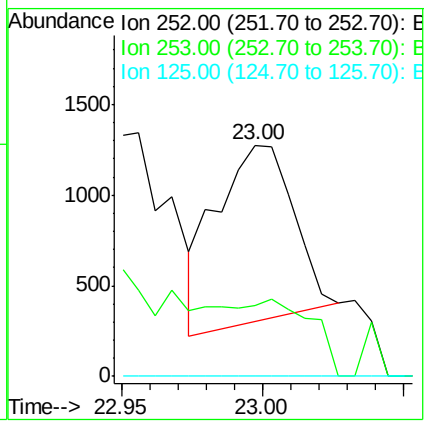


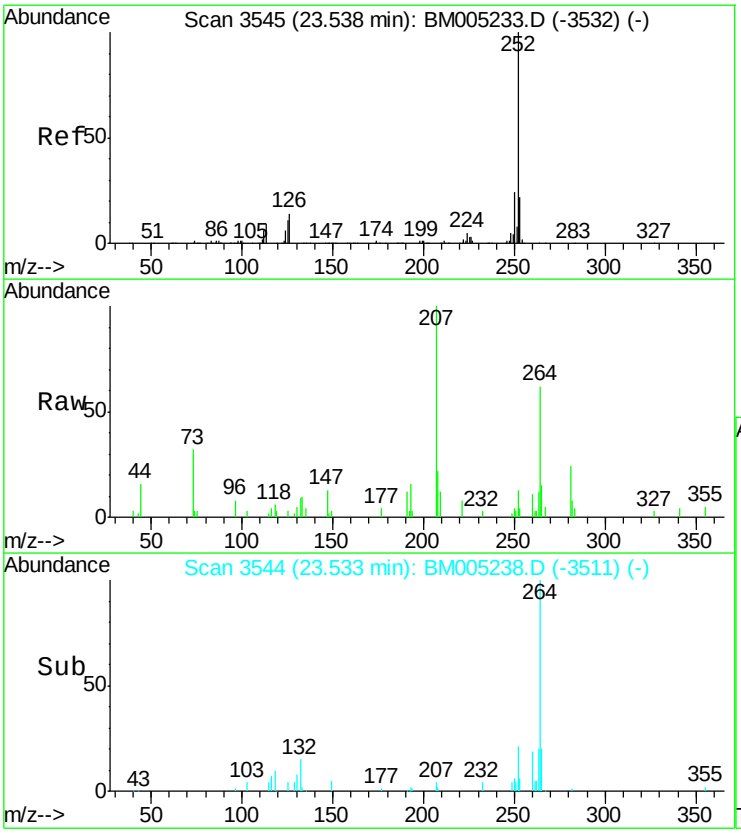
#86
Benzo(k)fluoranthene
Concen: 0.04 ng/ul
RT: 23.00 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Instrument :
BNA_M
ClientSampleId :
SBLK62

Tgt Ion:252 Resp: 1867

Ion	Ratio	Lower	Upper
252	100		
253	30.5	17.3	25.9#
125	0.0	8.0	12.0#

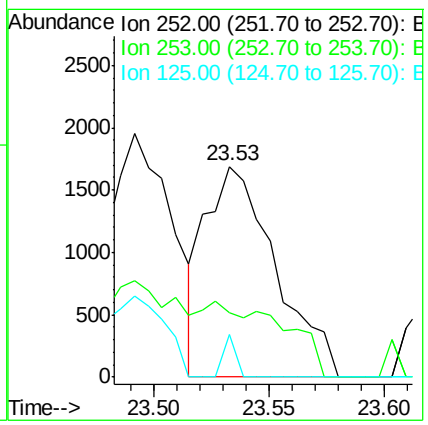


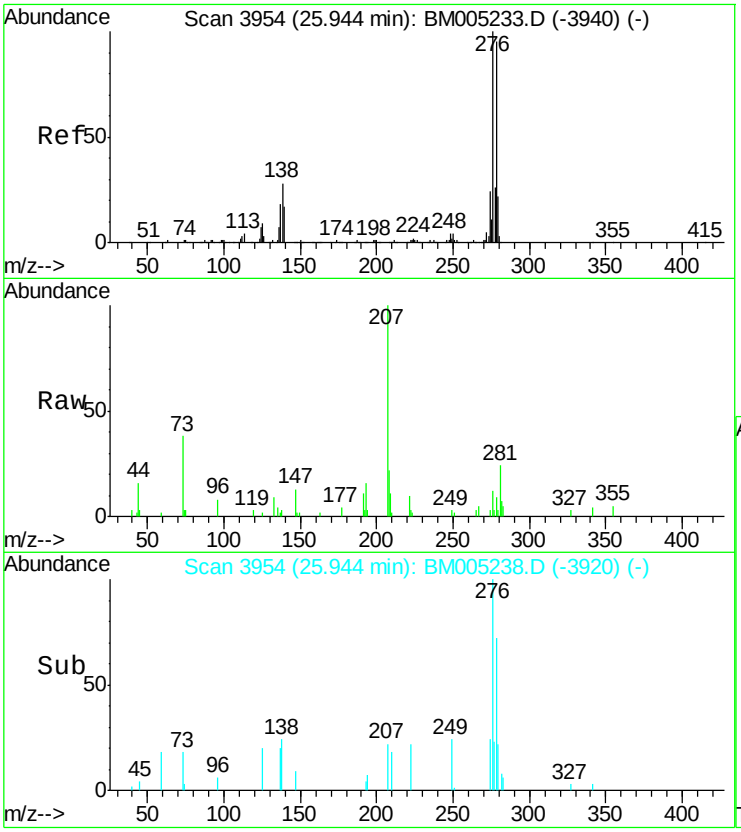


#88
Benzo(a)pyrene
Concen: 0.08 ng/ul
RT: 23.53 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Tgt Ion:252 Resp: 3577

Ion	Ratio	Lower	Upper
252	100		
253	30.8	17.5	26.3#
125	20.2	8.7	13.1#



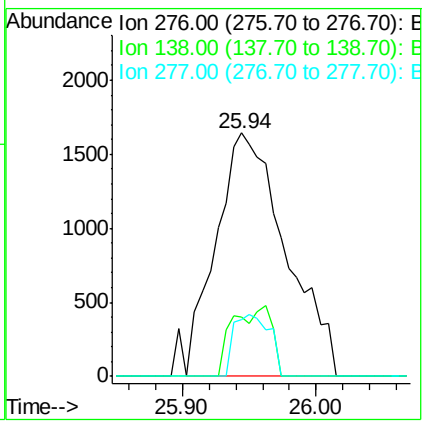


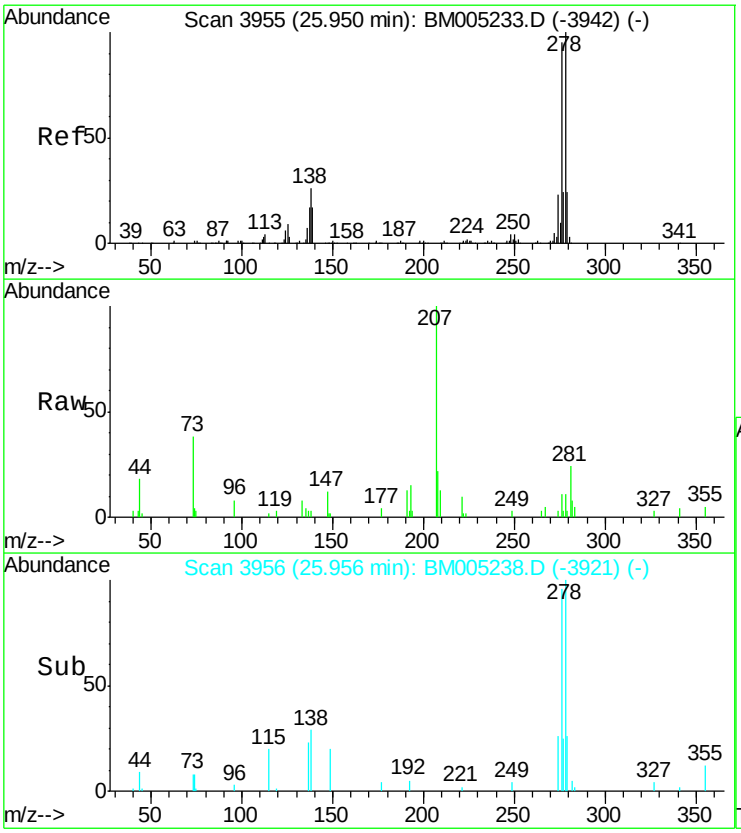
#89
Indeno(1,2,3-cd)pyrene
Concen: 0.13 ng/ul
RT: 25.94 min Scan# 3954
Delta R.T. 0.00 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Instrument :
BNA_M
ClientSampleId :
SBLK62

Tgt Ion:276 Resp: 5960

Ion	Ratio	Lower	Upper
276	100		
138	24.3	21.0	31.6
277	23.1	19.9	29.9

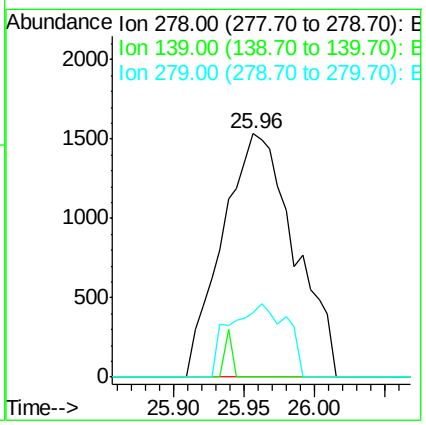


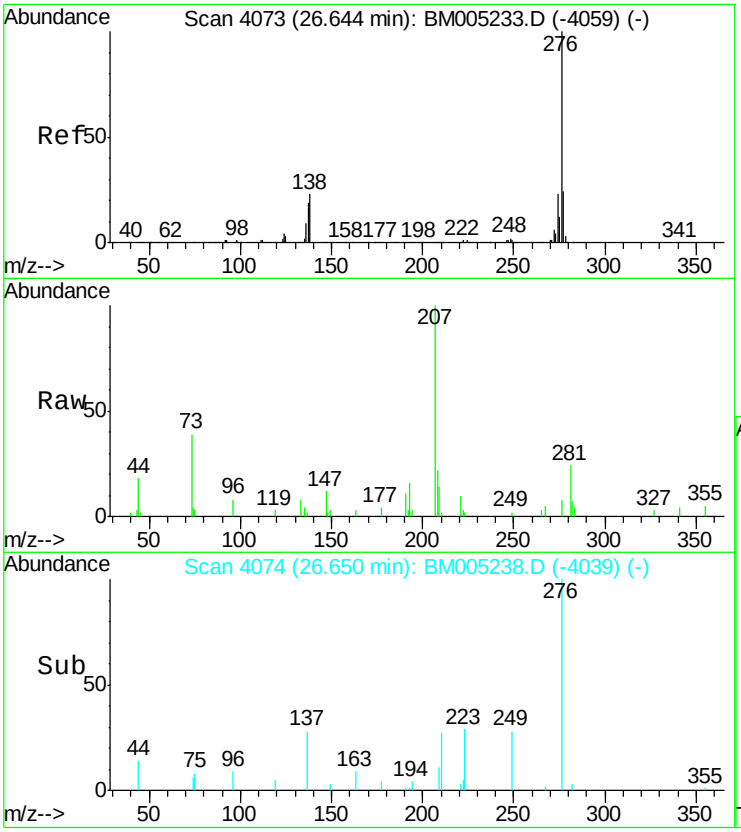


#90
Dibenzo(a,h)anthracene
Concen: 0.14 ng/ul
RT: 25.96 min Scan# 3956
Delta R.T. 0.01 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Tgt Ion:278 Resp: 5475

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.8	20.6#
279	26.4	18.9	28.3





#91
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul
RT: 26.65 min Scan# 4074
Delta R.T. 0.01 min
Lab File: BM005238.D
Acq: 05 May 2016 17:06

Instrument :
BNA_M
ClientSampleId :
SBLK62

Tgt Ion:276 Resp: 4075

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