Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007102.D
Acq On : 14 Aug 2016 11:38
Operator : UM/SJ
Sample : H4387-16
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS004-0612-01

Quant Time: Aug 15 10:26:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	293930	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1238808	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	717573	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1662931	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1997135	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2132230	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	37411	5.56	ng/uL	0.00
5) Phenol-d5	6.97	99	738814	31.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	434215	31.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	600751	31.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	569716	29.08	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	288773	32.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	329729	34.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	610452	30.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	658643	27.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1838820	31.01	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2275682	31.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	295565	27.81	ng/ul	0.00
57) Fluorene-d10	15.43	176	1606505	31.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	238153	25.92	ng/ul	0.00
70) Anthracene-d10	17.28	188	2488312	32.30	ng/ul	0.00
76) Pyrene-d10	19.57	212	2894854	34.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	3245424	33.28	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	60460	2.41	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.51	70	16181	1.03	ng/ul#	1
44) Dimethylphthalate	13.90	163	1560880	26.34	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	17309	1.50	ng/ul#	54
47) Acenaphthylene	14.16	152	231868	3.16	ng/ul	99
69) Phenanthrene	17.23	178	810347	9.06	ng/ul	99
71) Anthracene	17.32	178	217163	2.37	ng/ul	98
74) Fluoranthene	19.24	202	1469100	13.54	ng/ul	99
77) Pyrene	19.60	202	1921140	17.40	ng/ul	98
80) Benzo(a)anthracene	21.40	228	1064597	9.02	ng/ul	95
82) Chrysene	21.40	228	1064597	9.87	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	1161814	9.04	ng/ul	96
86) Benzo(k)fluoranthene	22.96	252	1161814	9.63	ng/ul	97
88) Benzo(a)pyrene	23.54	252	966717	7.94	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	636193	4.26	ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	173769	1.39	ng/ul#	85
91) Benzo(g,h,i)perylene	26.64	276	614880	4.87	ng/ul	99

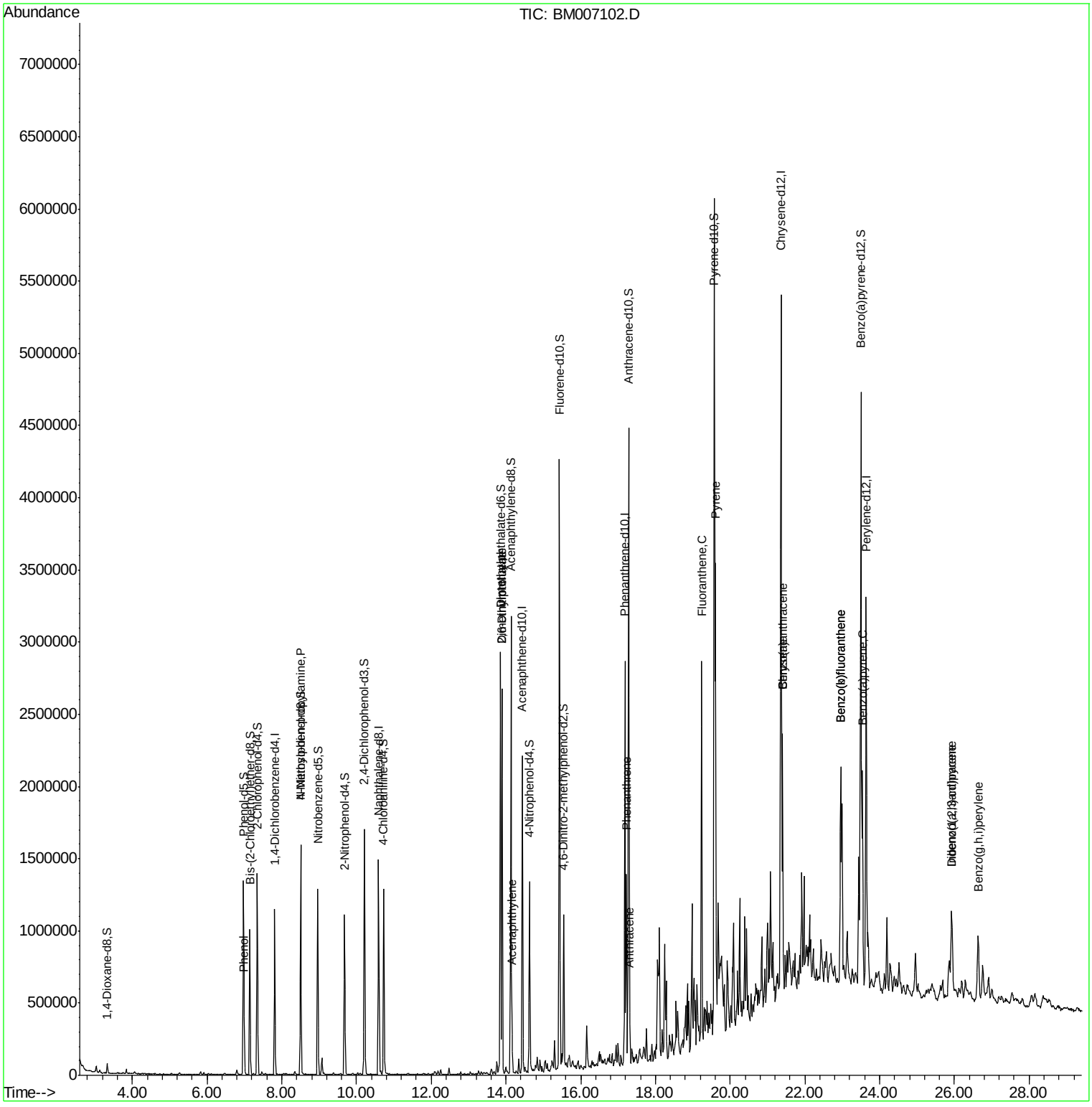
(#) = qualifier out of range (m) = manual integration (+) = signals summed

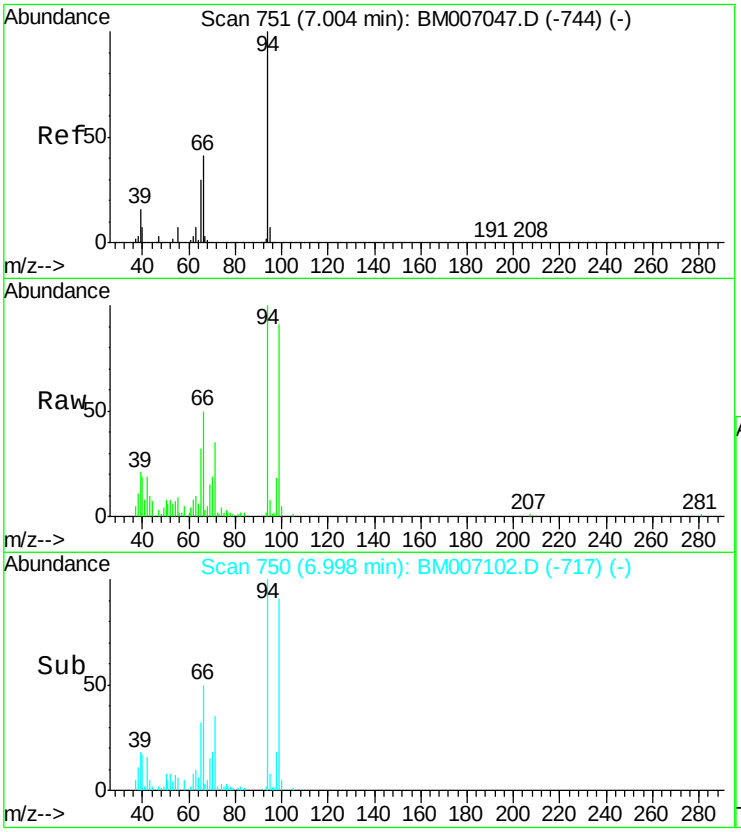
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007102.D
Acq On : 14 Aug 2016 11:38
Operator : UM/SJ
Sample : H4387-16
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0612-01

Quant Time: Aug 15 10:26:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
Response via : Initial Calibration



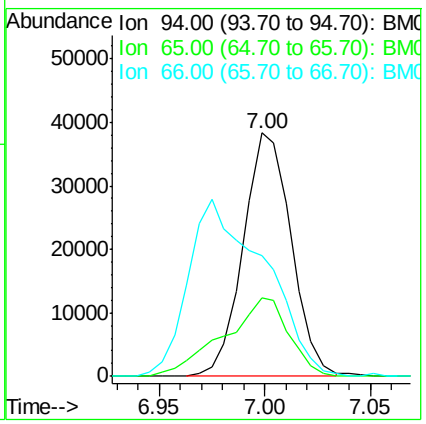


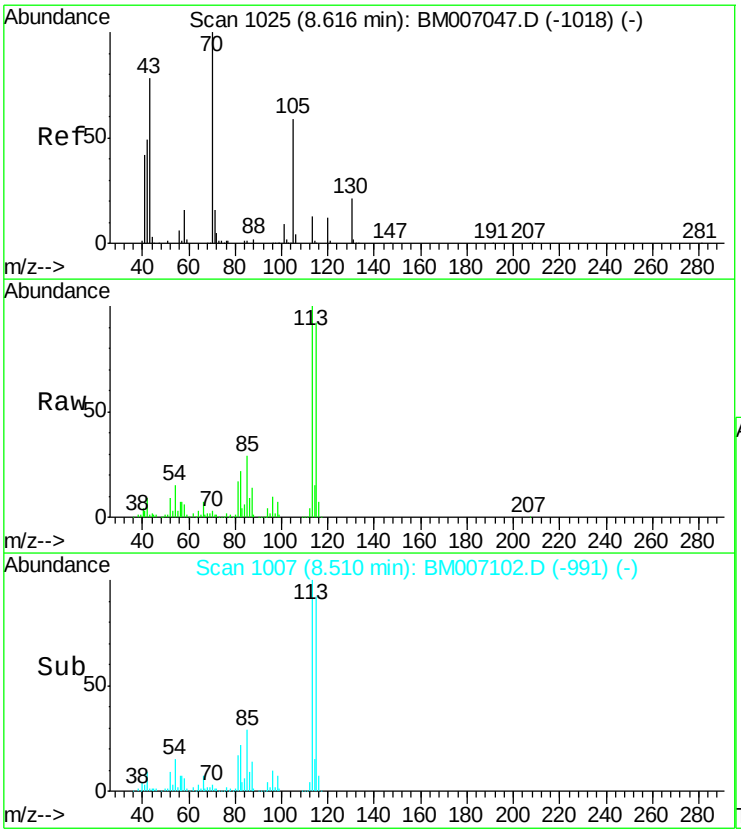
#6
Phenol
Concen: 2.41 ng/ul
RT: 7.00 min Scan# 750
Delta R.T. -0.01 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0612-01

Tgt Ion: 94 Resp: 60460

Ion	Ratio	Lower	Upper
94	100		
65	32.1	23.9	35.9
66	49.6	33.5	50.3

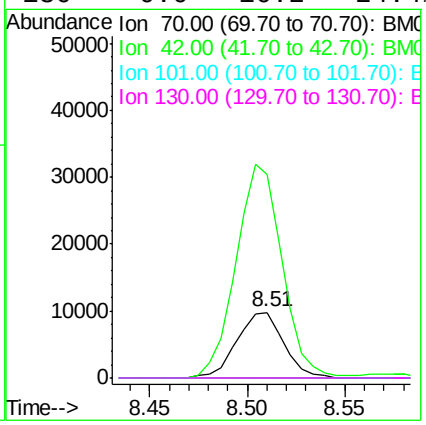


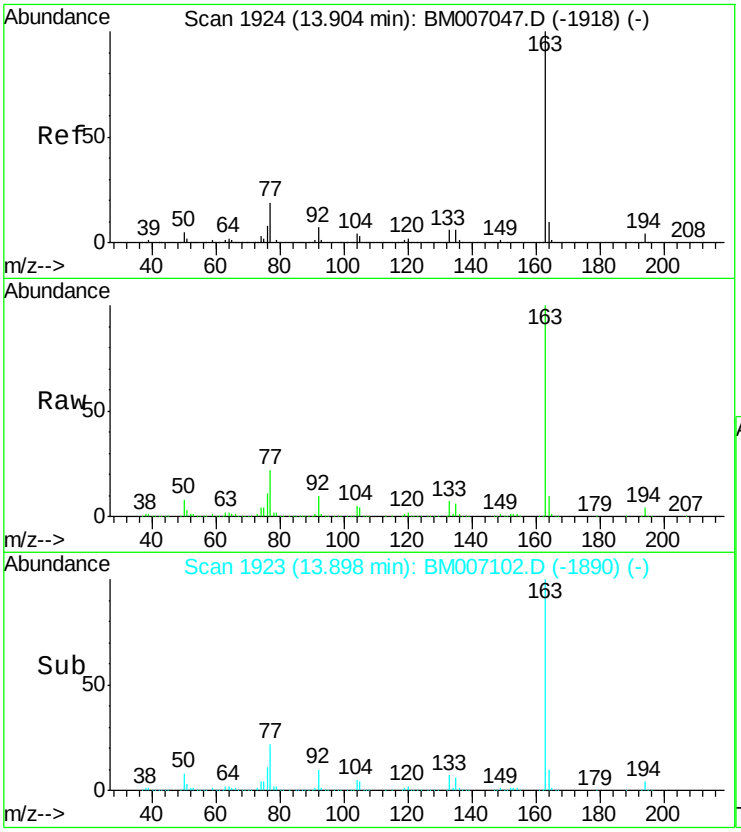


#15
N-Nitroso-di-n-propylamine
Concen: 1.03 ng/ul
RT: 8.51 min Scan# 1007
Delta R.T. -0.11 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Tgt Ion: 70 Resp: 16181

Ion	Ratio	Lower	Upper
70	100		
42	310.1	43.4	65.2#
101	0.0	7.8	11.6#
130	0.0	16.2	24.4#



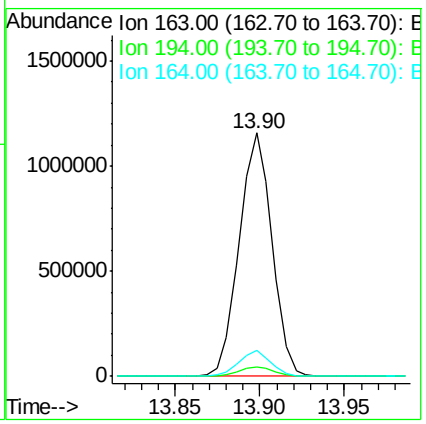


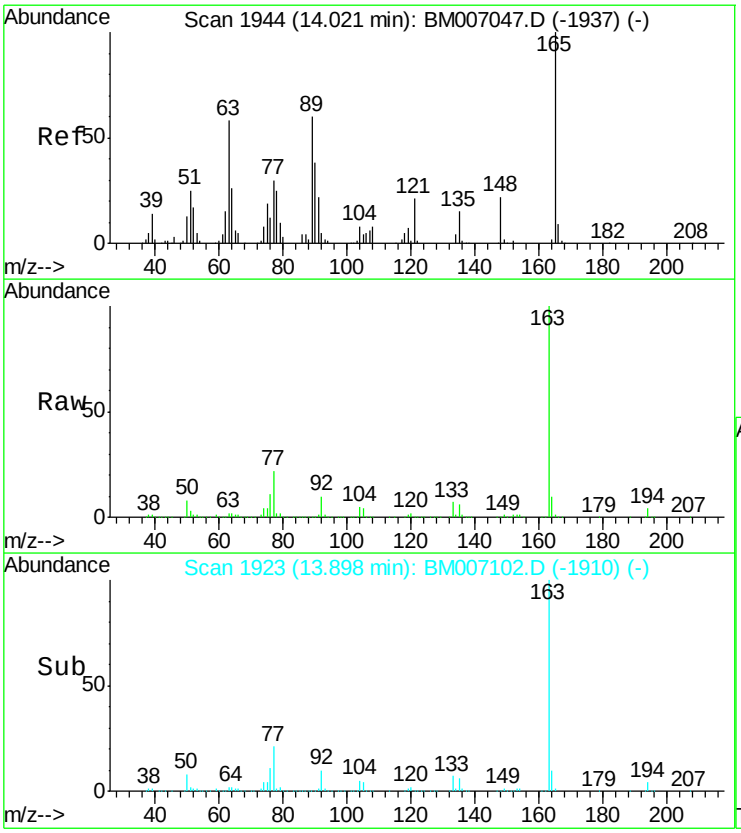
#44
Dimethylphthalate
Concen: 26.34 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0612-01

Tgt Ion:163 Resp: 1560880

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.5	7.8	11.8

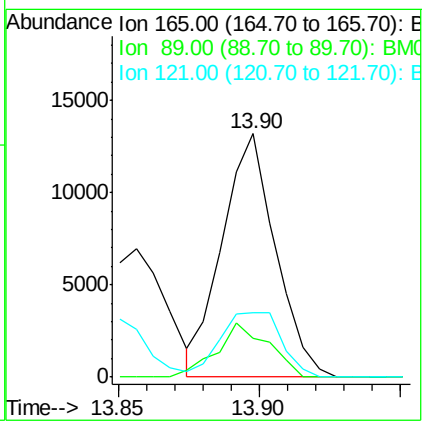


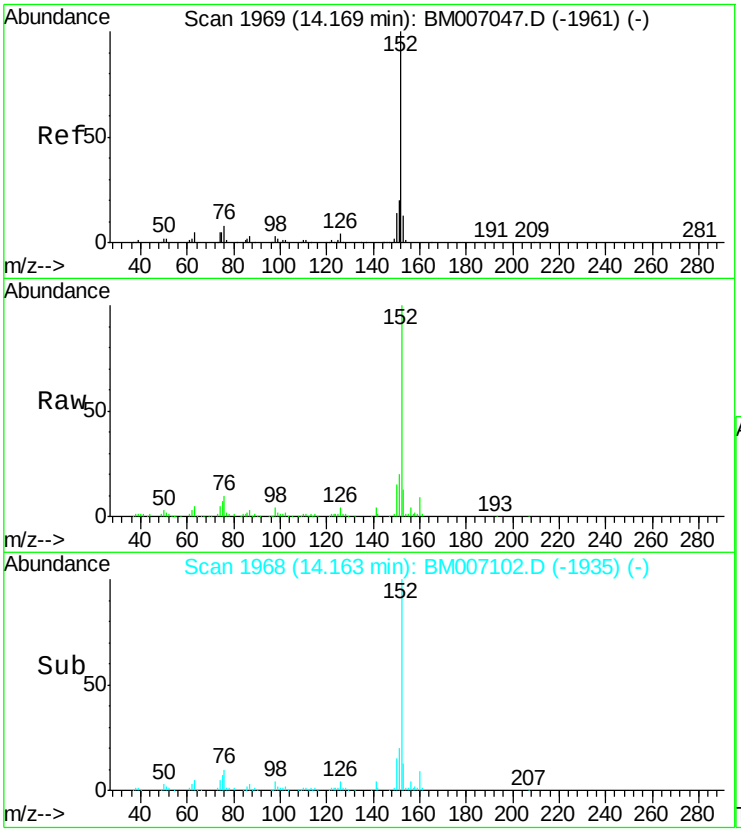


#45
2,6-Dinitrotoluene
Concen: 1.50 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.12 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Tgt Ion:165 Resp: 17309

Ion	Ratio	Lower	Upper
165	100		
89	15.9	46.6	69.8#
121	26.5	16.0	24.0#



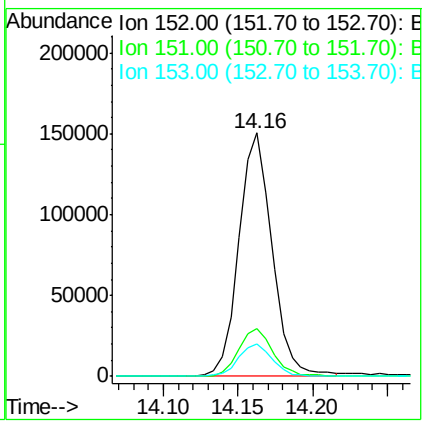


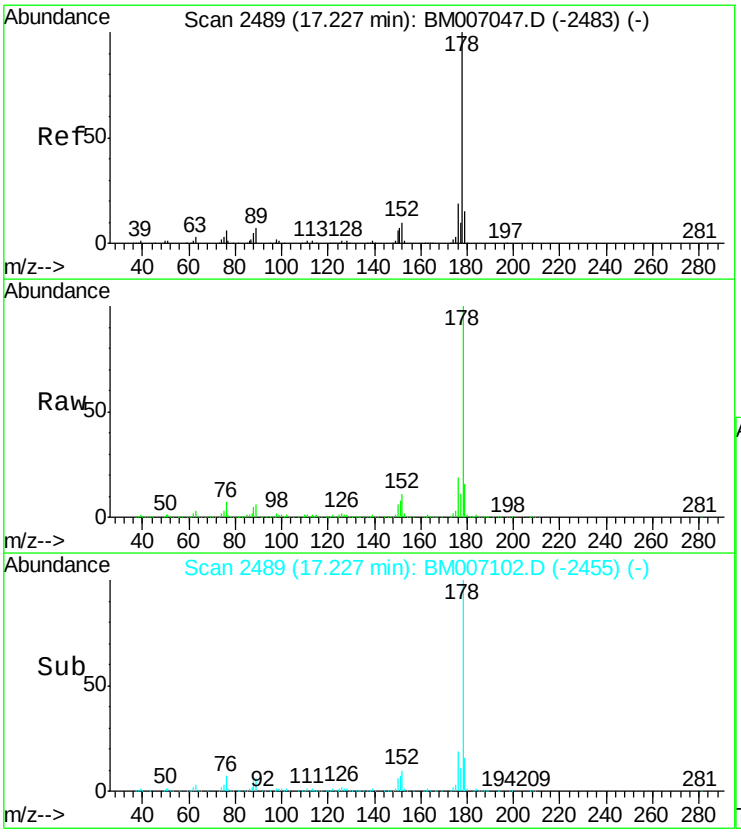
#47
Acenaphthylene
Concen: 3.16 ng/ul
RT: 14.16 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0612-01

Tgt Ion:152 Resp: 231868

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.1	11.0	16.6

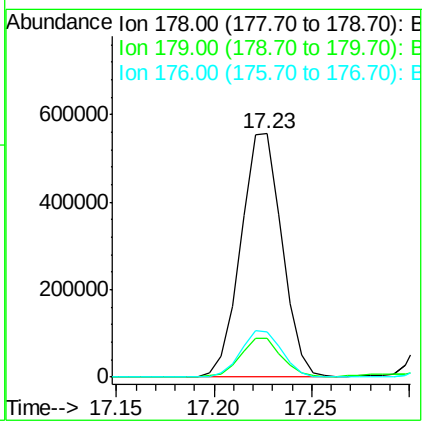


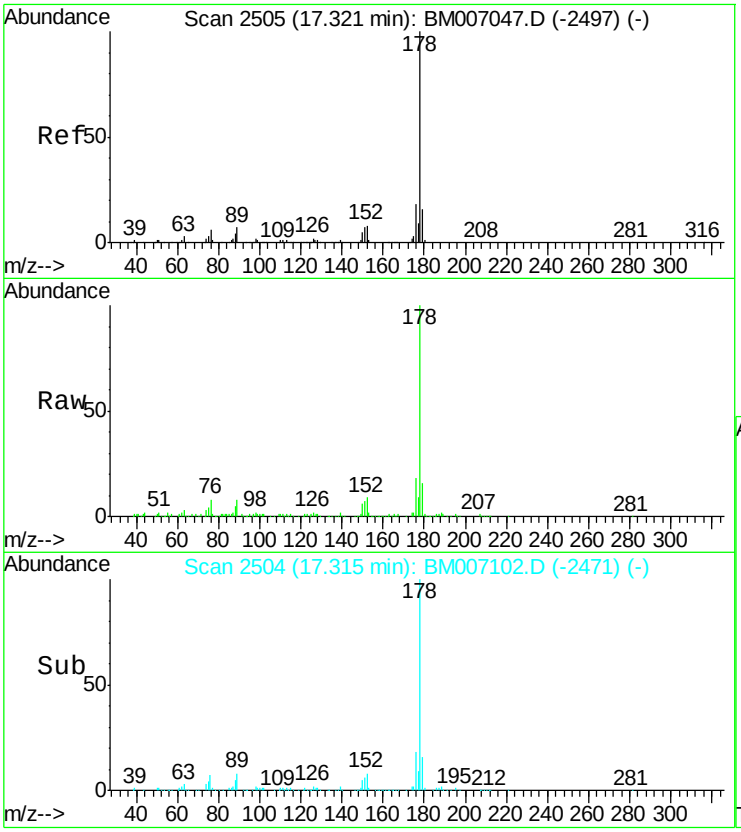


#69
Phenanthrene
Concen: 9.06 ng/ul
RT: 17.23 min Scan# 2489
Delta R.T. 0.00 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Tgt Ion:178 Resp: 810347

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	18.7	15.1	22.7



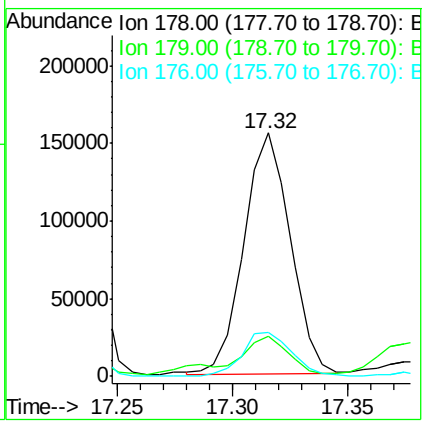


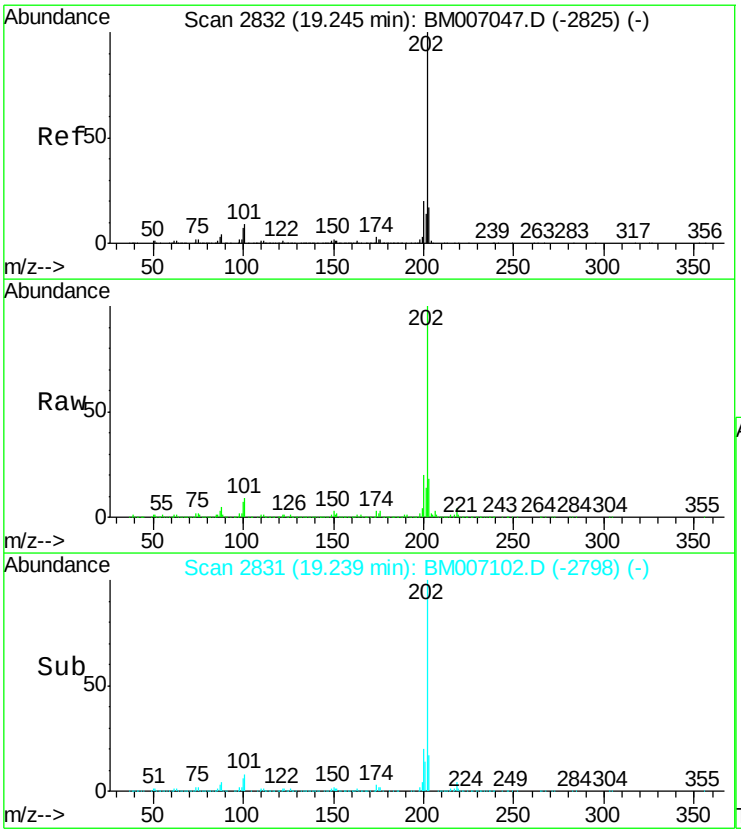
#71
Anthracene
Concen: 2.37 ng/ul
RT: 17.32 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0612-01

Tgt Ion:178 Resp: 217163

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.1	18.1
176	18.3	14.5	21.7

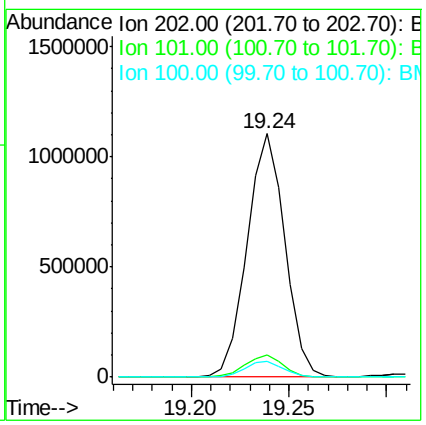


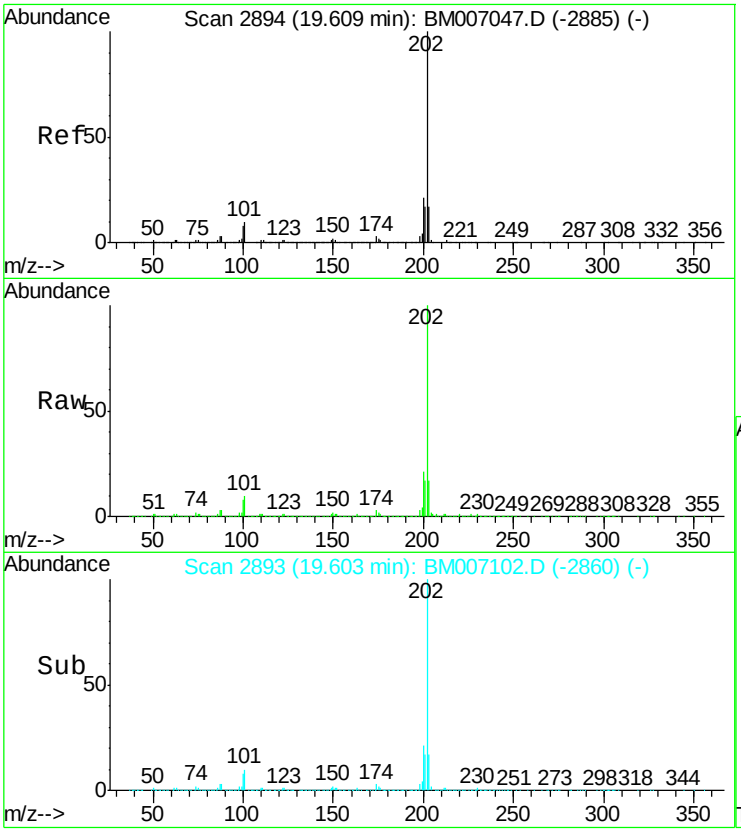


#74
Fluoranthene
Concen: 13.54 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Tgt Ion:202 Resp: 1469100

Ion	Ratio	Lower	Upper
202	100		
101	9.1	6.9	10.3
100	6.5	5.4	8.0



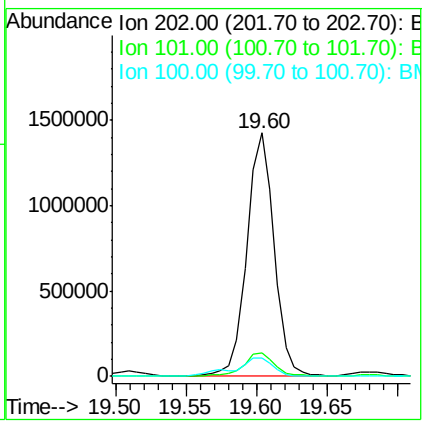


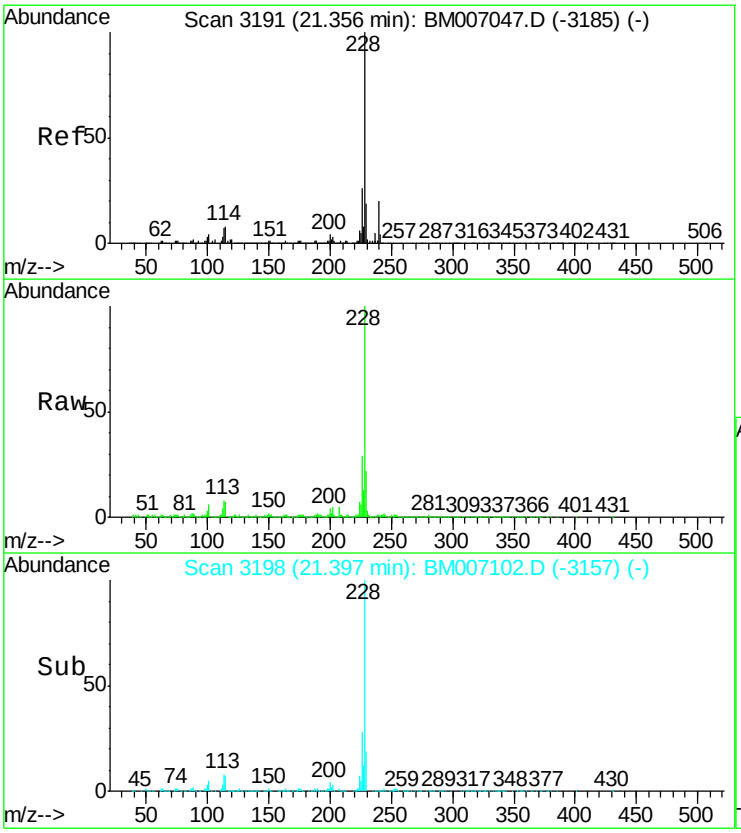
#77
Pyrene
Concen: 17.40 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0612-01

Tgt Ion:202 Resp: 1921140

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.4	12.6
100	7.7	6.9	10.3

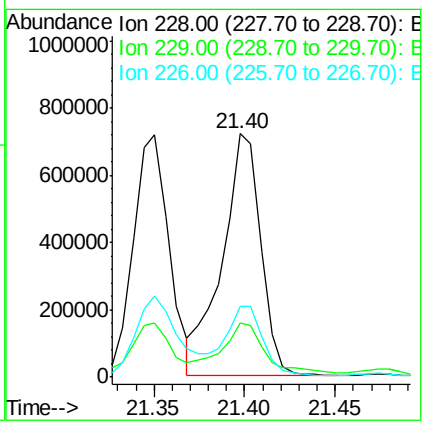


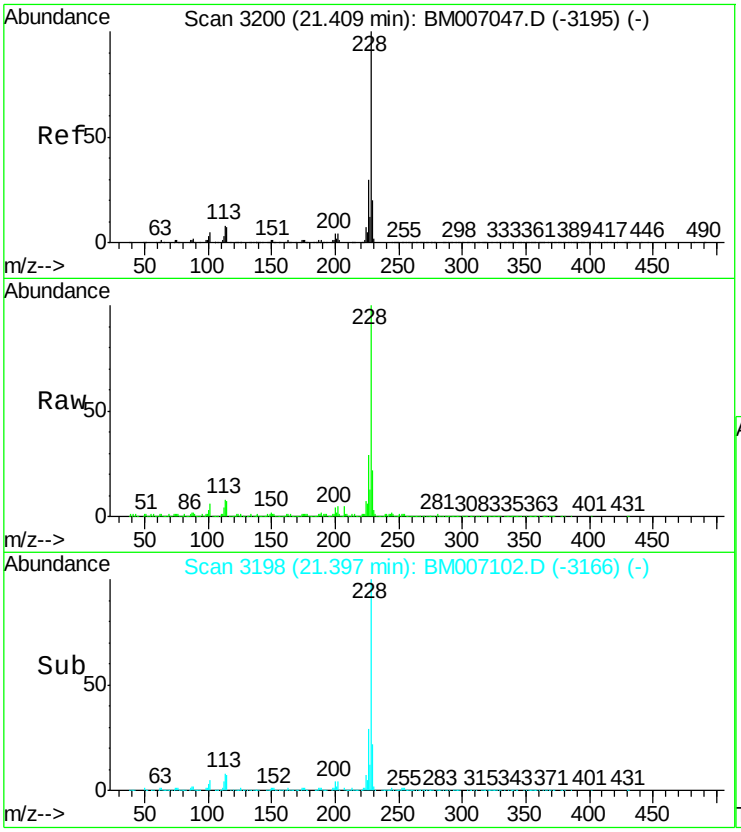


#80
Benzo(a)anthracene
Concen: 9.02 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. 0.04 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Tgt Ion:228 Resp: 1064597

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.6	23.4
226	29.1	21.8	32.8



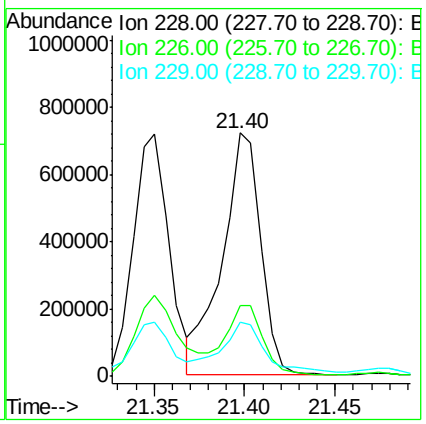


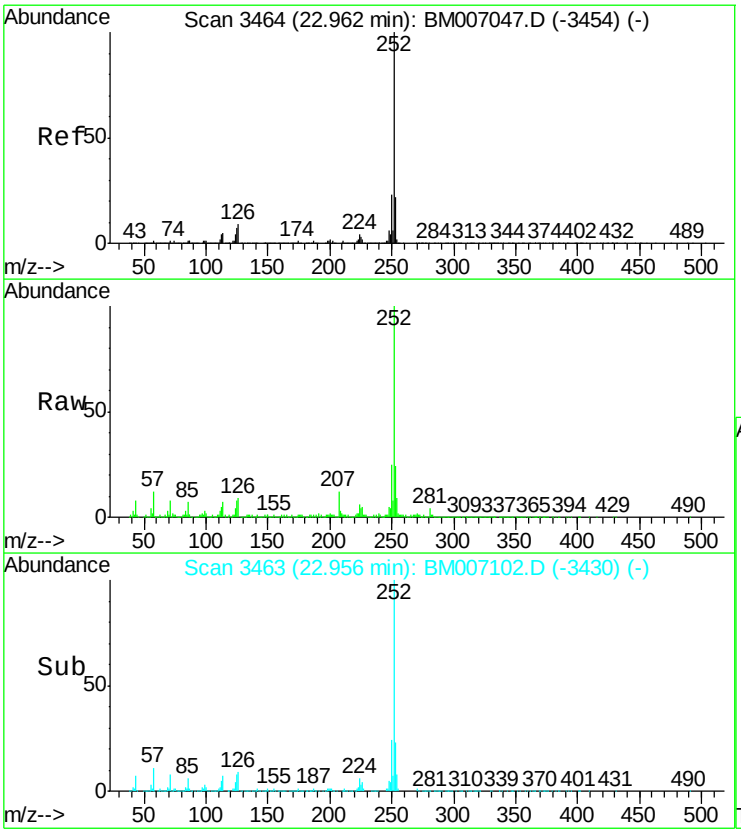
#82
Chrysene
Concen: 9.87 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0612-01

Tgt Ion:228 Resp: 1064597

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	22.4	15.5	23.3

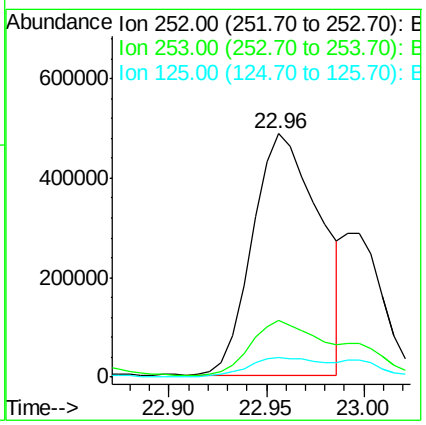


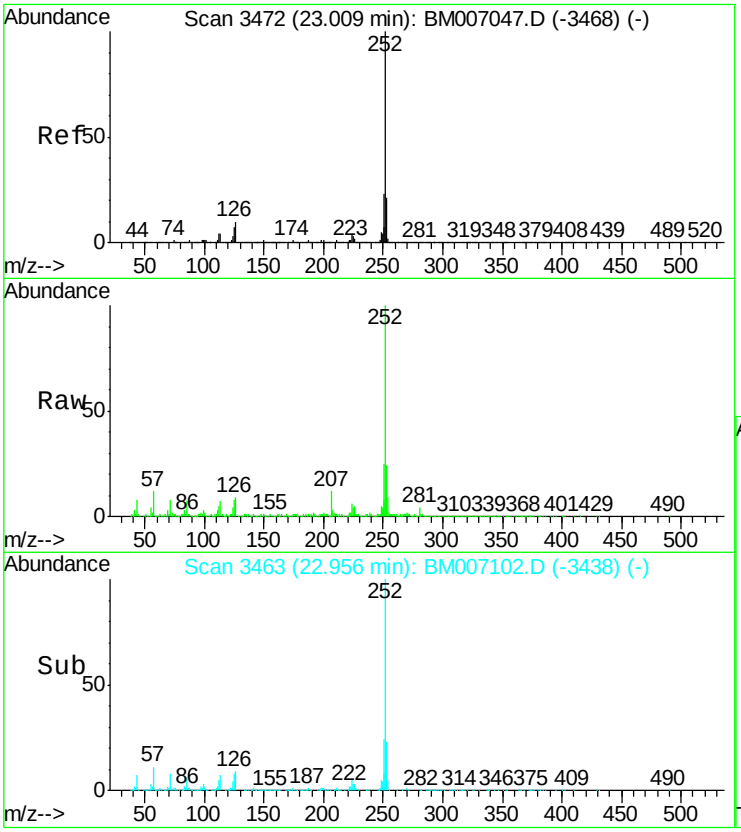


#85
Benzo(b)fluoranthene
Concen: 9.04 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Tgt Ion:252 Resp: 1161814

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	8.1	5.8	8.8



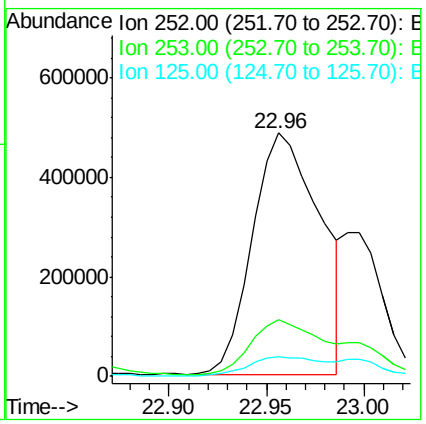


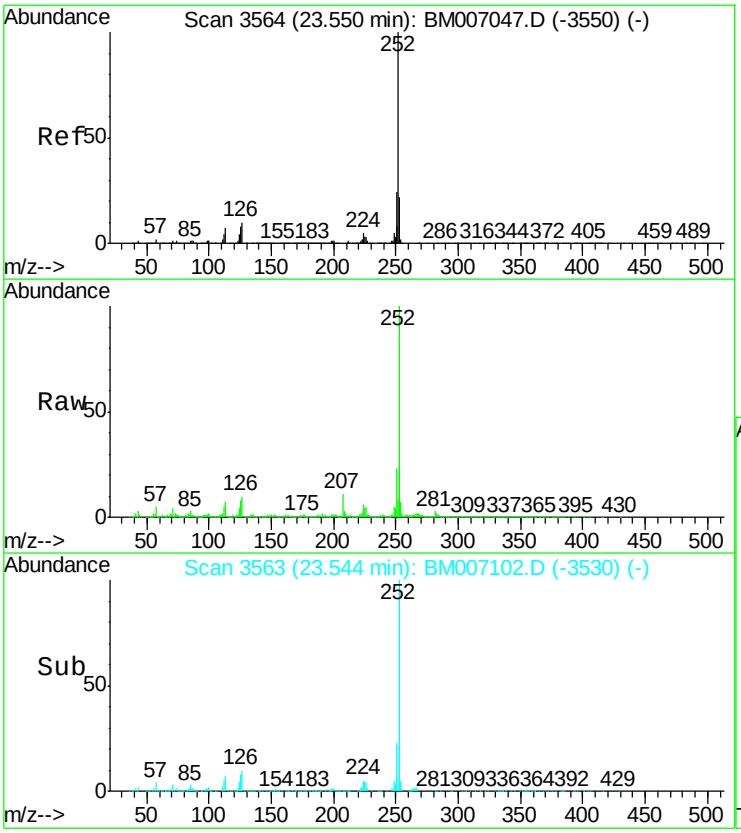
#86
Benzo(k)fluoranthene
Concen: 9.63 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.05 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0612-01

Tgt Ion:252 Resp: 1161814

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	8.1	5.7	8.5

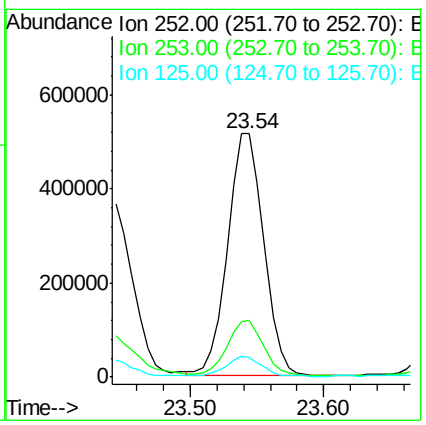


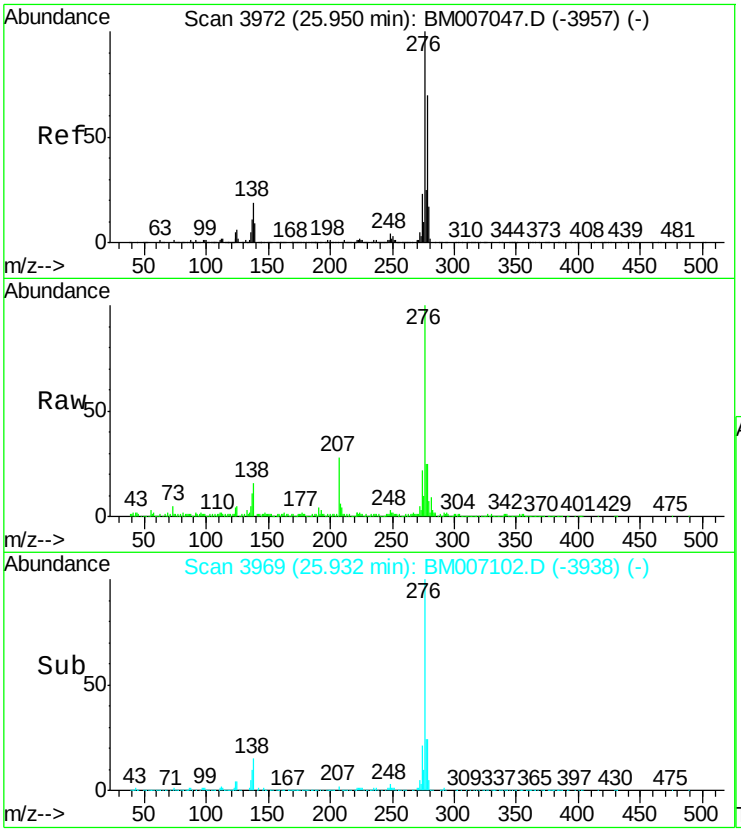


#88
Benzo(a)pyrene
Concen: 7.94 ng/ul
RT: 23.54 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Tgt Ion:252 Resp: 966717

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	8.0	6.6	9.8



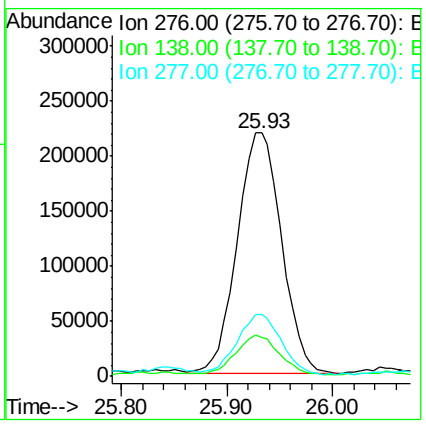


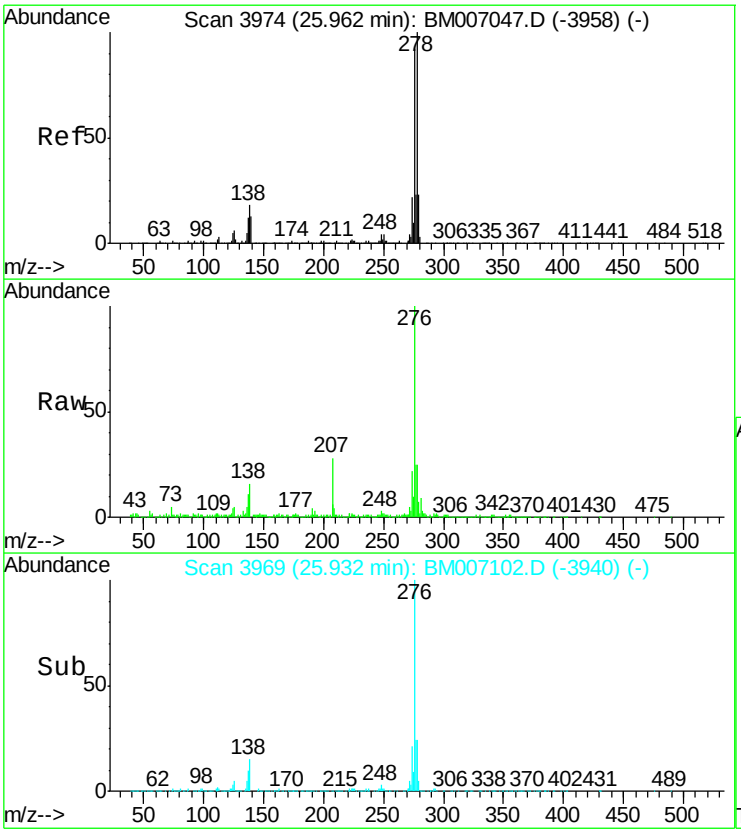
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.26 ng/ul
RT: 25.93 min Scan# 3969
Delta R.T. -0.02 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0612-01

Tgt Ion:276 Resp: 636193

Ion	Ratio	Lower	Upper
276	100		
138	15.8	13.9	20.9
277	25.2	20.1	30.1

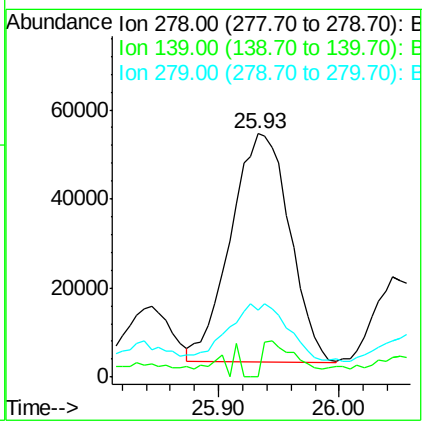


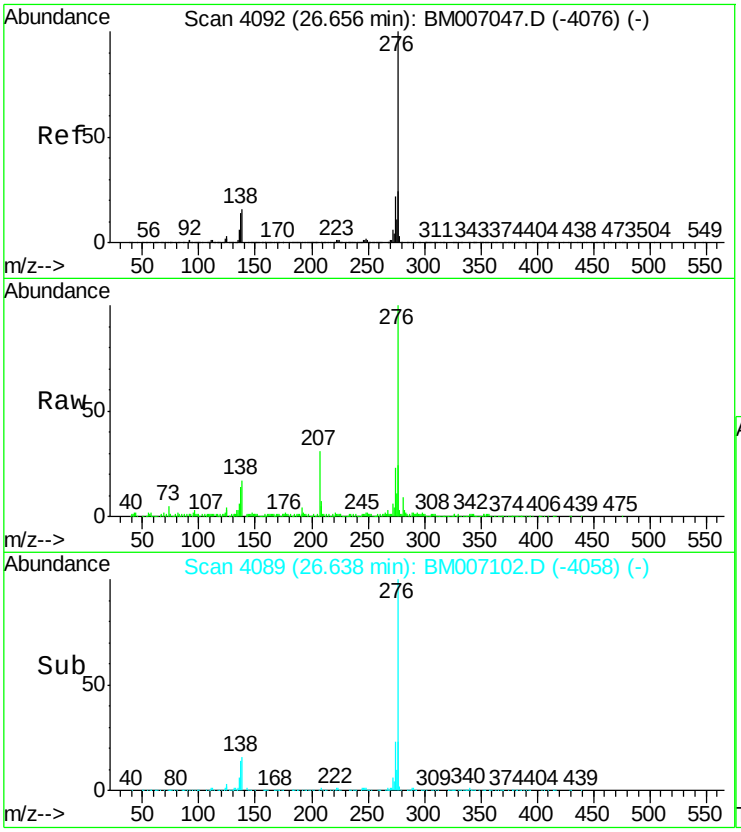


#90
Dibenzo(a,h)anthracene
Concen: 1.39 ng/ul
RT: 25.93 min Scan# 3969
Delta R.T. -0.03 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Tgt Ion:278 Resp: 173769

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.5	14.3#
279	27.5	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 4.87 ng/ul
RT: 26.64 min Scan# 4089
Delta R.T. -0.02 min
Lab File: BM007102.D
Acq: 14 Aug 2016 11:38

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0612-01

Tgt Ion:276 Resp: 614880

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.5	20.3
277	24.3	19.3	28.9