Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7G0

Quant Time: Dec 18 04:19:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 04:15:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	132515	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	514872	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	319945	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	612142	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	763389	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	832638	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	14866	5.28	ng/uL	0.00
5) Phenol-d5	6.85	99	243303	23.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	167084	28.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	213841	27.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	180151	22.62	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	106899	28.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	115841	28.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	185493	24.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	125928	14.54	ng/ul	0.01
43) Dimethylphthalate-d6	13.72	166	631202	29.68	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	762415	30.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	19301	6.16	ng/ul	0.05
57) Fluorene-d10	15.30	176	532782	28.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	55119	15.13	ng/ul	0.00
70) Anthracene-d10	17.16	188	825591	30.96	ng/ul	0.00
76) Pyrene-d10	19.46	212	977782	33.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1074142	30.72	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	59423	5.57	ng/ul	98
44) Dimethylphthalate	13.77	163	161093	7.73	ng/ul	99
47) Acenaphthylene	14.02	152	184482	7.21	ng/ul	98
69) Phenanthrene	17.10	178	46306	1.48	ng/ul	96
71) Anthracene	17.19	178	226933	7.13	ng/ul	98
73) Di-n-butylphthalate	18.02	149	74415	2.37	ng/ul	99
74) Fluoranthene	19.12	202	130520	3.39	ng/ul	98
77) Pyrene	19.49	202	255679	6.82	ng/ul	99
80) Benzo(a)anthracene	21.24	228	376985	9.55	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.16	149	5514996	280.14	ng/ul	97
82) Chrysene	21.29	228	775562	20.44	ng/ul	97
85) Benzo(b)fluoranthene	22.82	252	2228460	49.58	ng/ul	99
86) Benzo(k)fluoranthene	22.82	252	2228460	51.82	ng/ul	100
88) Benzo(a)pyrene	23.39	252	1596756	36.87	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	1678928	31.93	ng/ul	98
90) Dibenzo(a,h)anthracene	25.71	278	460655	10.43	ng/ul#	83
91) Benzo(g,h,i)perylene	26.40	276	1509330	34.32	ng/ul	100

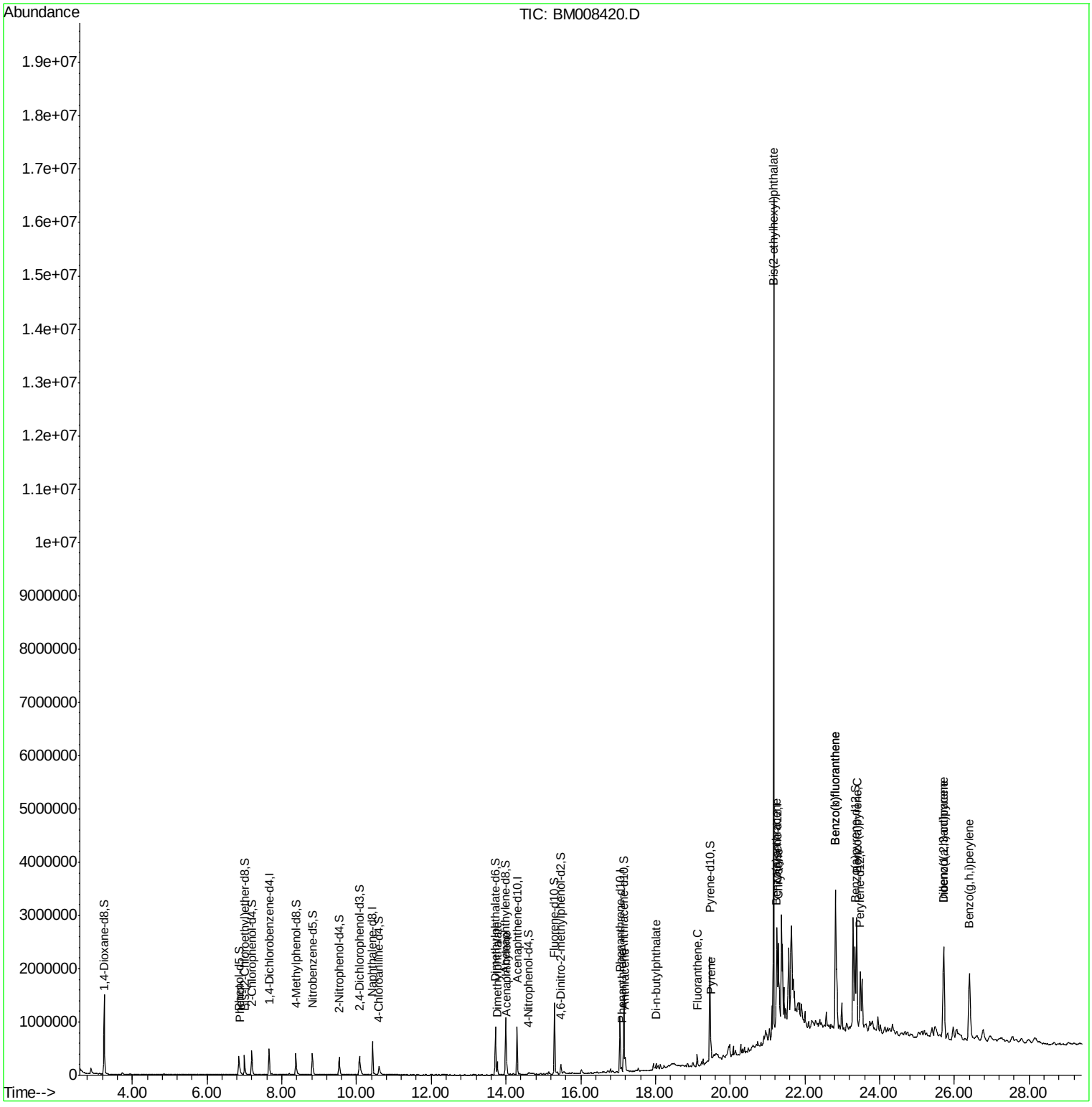
(#) = qualifier out of range (m) = manual integration (+) = signals summed

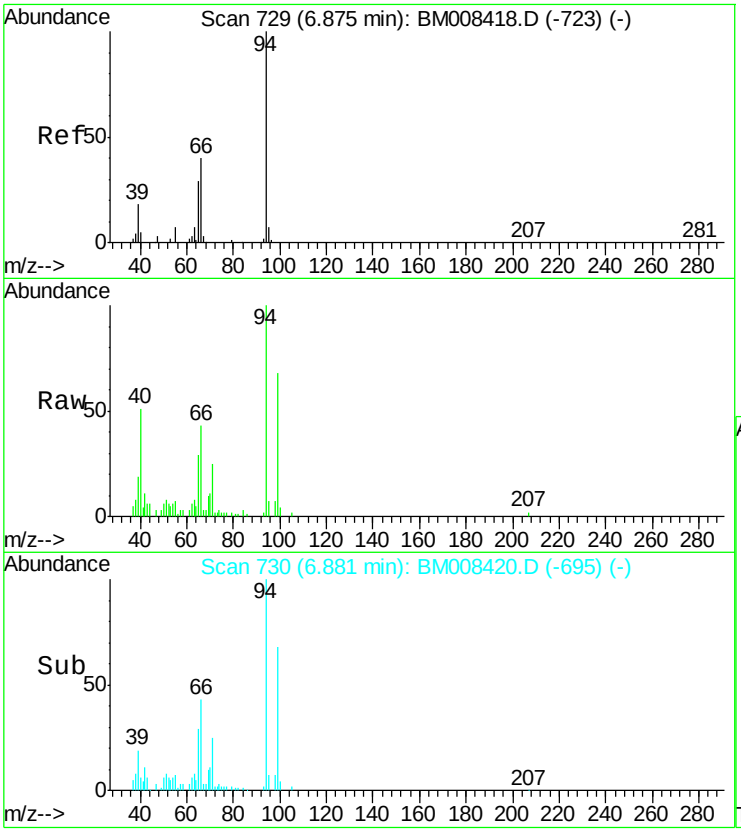
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008420.D
Acq On : 17 Dec 2016 20:13
Operator : UM/SJ
Sample : H6067-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G0

Quant Time: Dec 18 04:19:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 04:15:46 2016
Response via : Initial Calibration



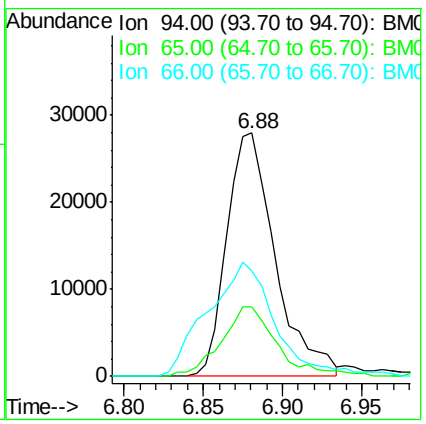


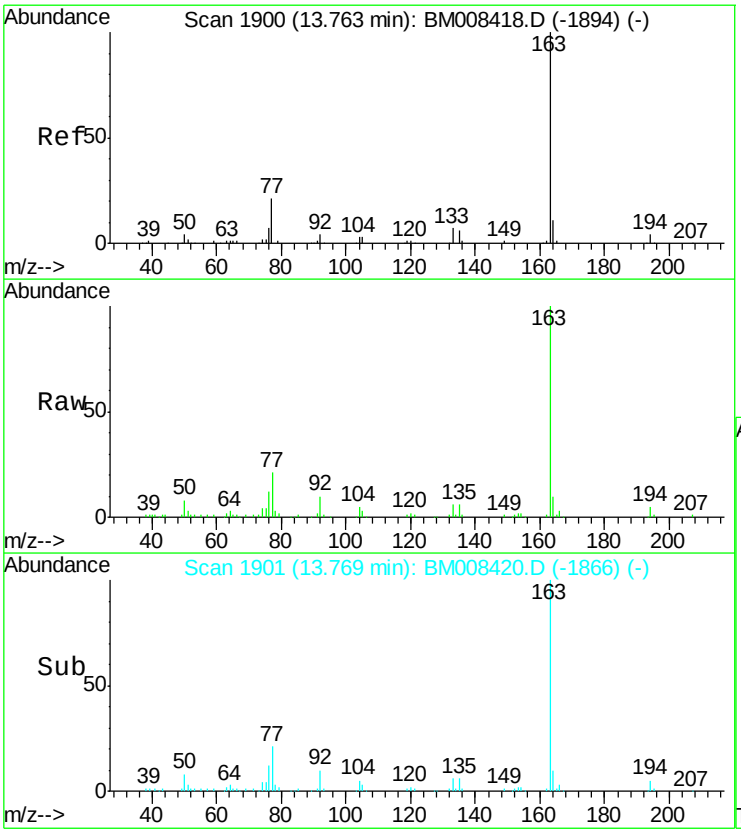
#6
Phenol
Concen: 5.57 ng/ul
RT: 6.88 min Scan# 730
Delta R.T. 0.01 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Instrument :
BNA_M
ClientSampleId :
DA7G0

Tgt Ion: 94 Resp: 59423

Ion	Ratio	Lower	Upper
94	100		
65	28.7	22.6	34.0
66	43.3	35.8	53.8

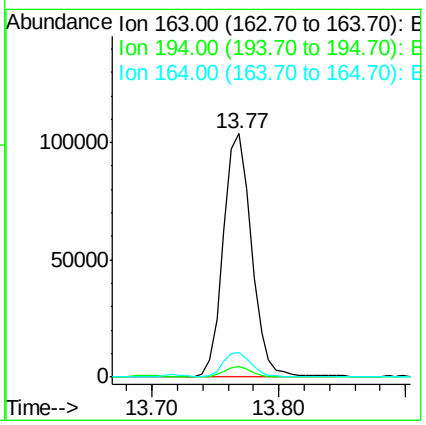


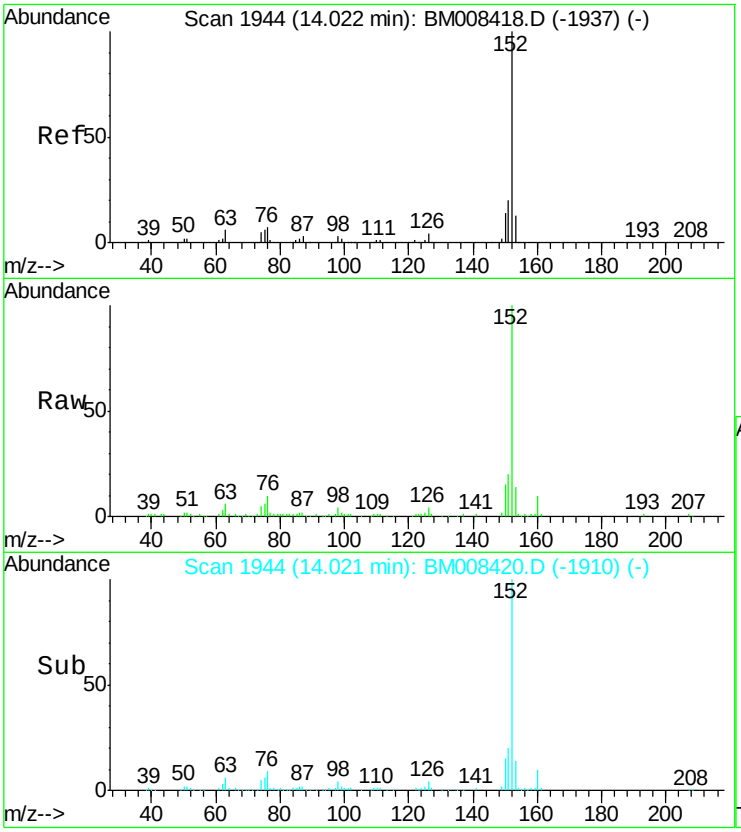


#44
Dimethylphthalate
Concen: 7.73 ng/ul
RT: 13.77 min Scan# 1901
Delta R.T. 0.01 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Tgt Ion:163 Resp: 161093

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.1	7.8	11.8



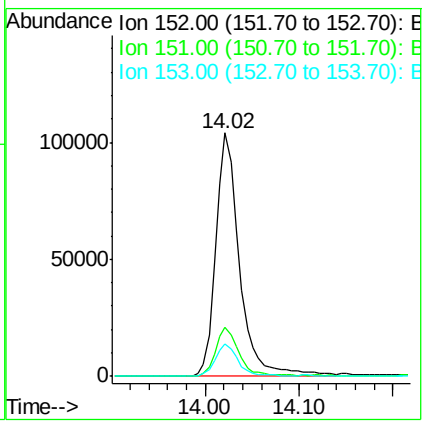


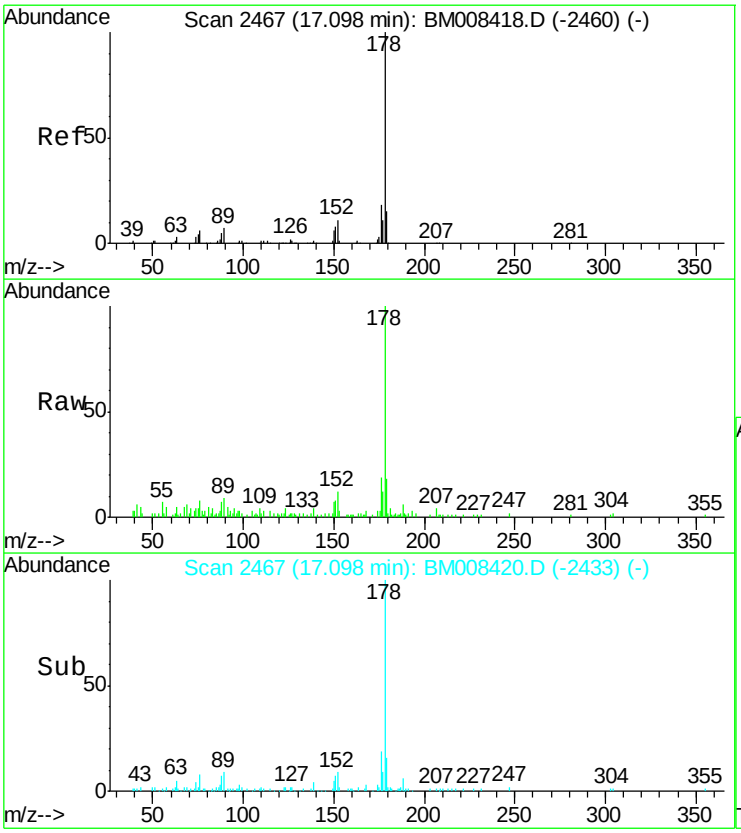
#47
Acenaphthylene
Concen: 7.21 ng/ul
RT: 14.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Instrument :
BNA_M
ClientSampleId :
DA7G0

Tgt Ion:152 Resp: 184482

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.3	22.9
153	13.5	9.9	14.9

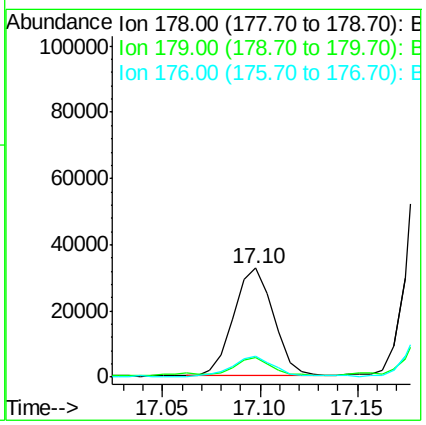


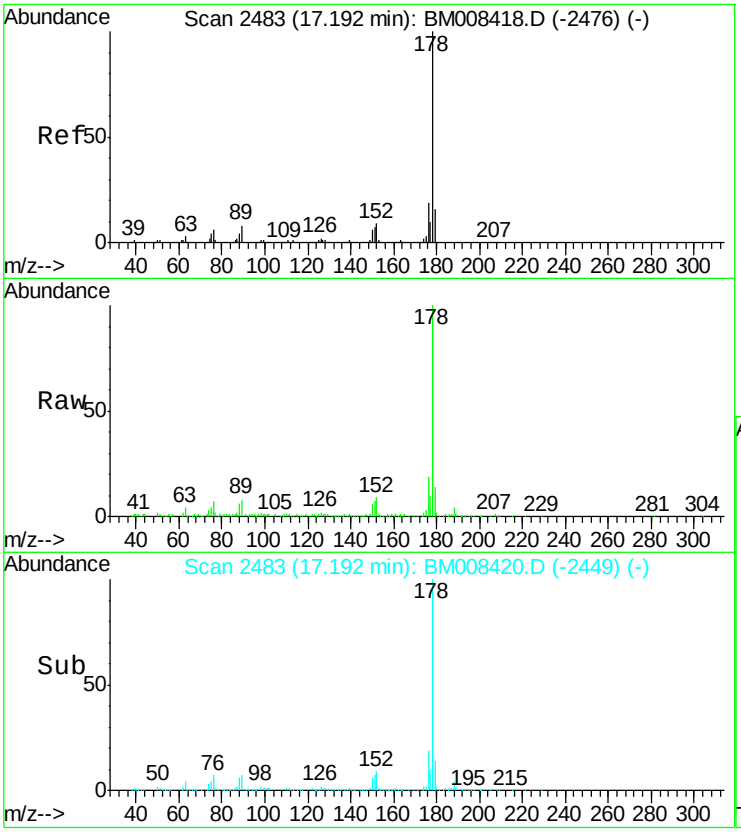


#69
Phenanthrene
Concen: 1.48 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Tgt Ion:178 Resp: 46306

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.0	18.0
176	19.0	14.6	21.8



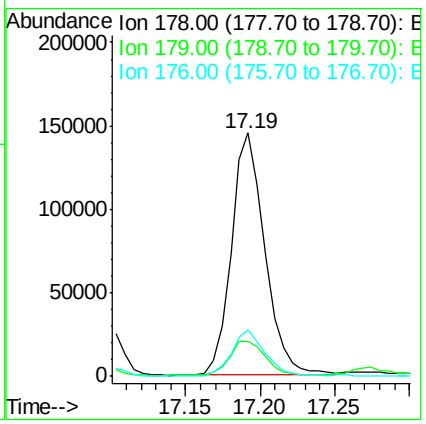


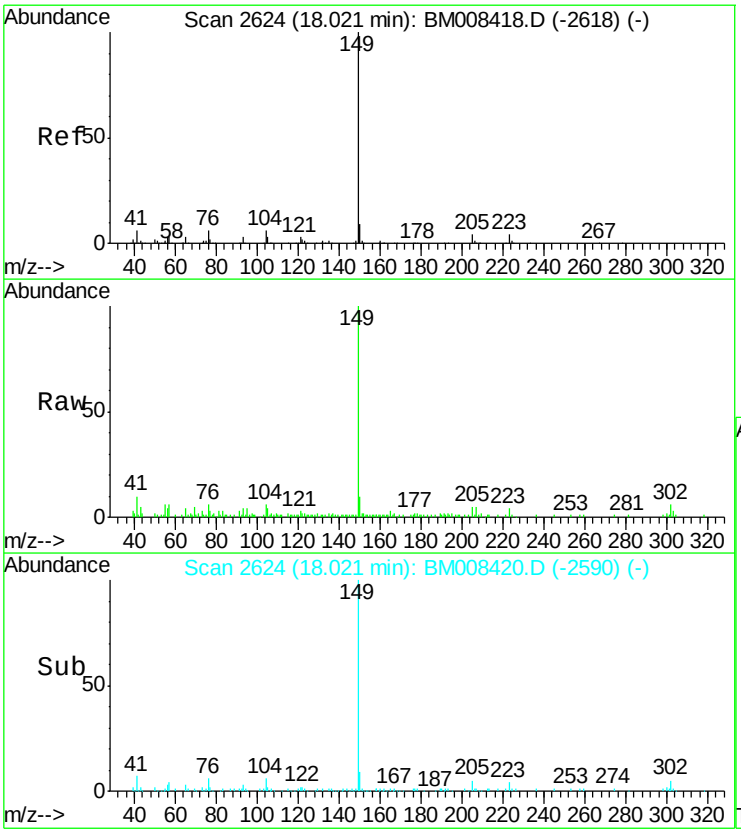
#71
Anthracene
Concen: 7.13 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. -0.00 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Instrument :
BNA_M
ClientSampleId :
DA7G0

Tgt Ion:178 Resp: 226933

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.1	18.1
176	19.0	14.3	21.5

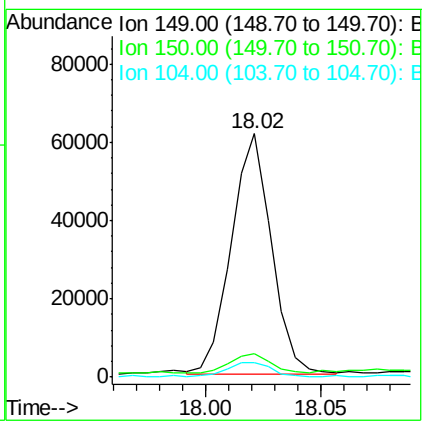


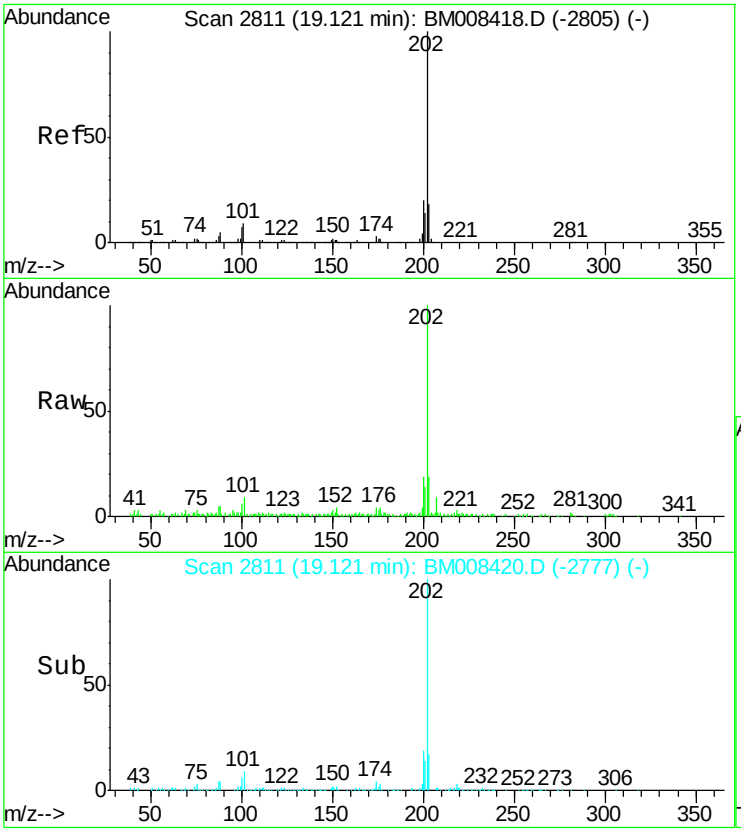


#73
Di-n-butylphthalate
Concen: 2.37 ng/ul
RT: 18.02 min Scan# 2624
Delta R.T. -0.00 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Tgt Ion:149 Resp: 74415

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.3	10.9
104	5.8	4.7	7.1



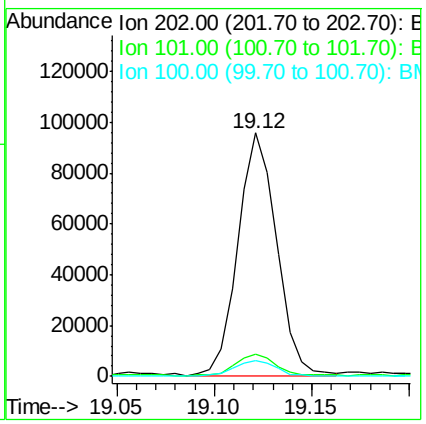


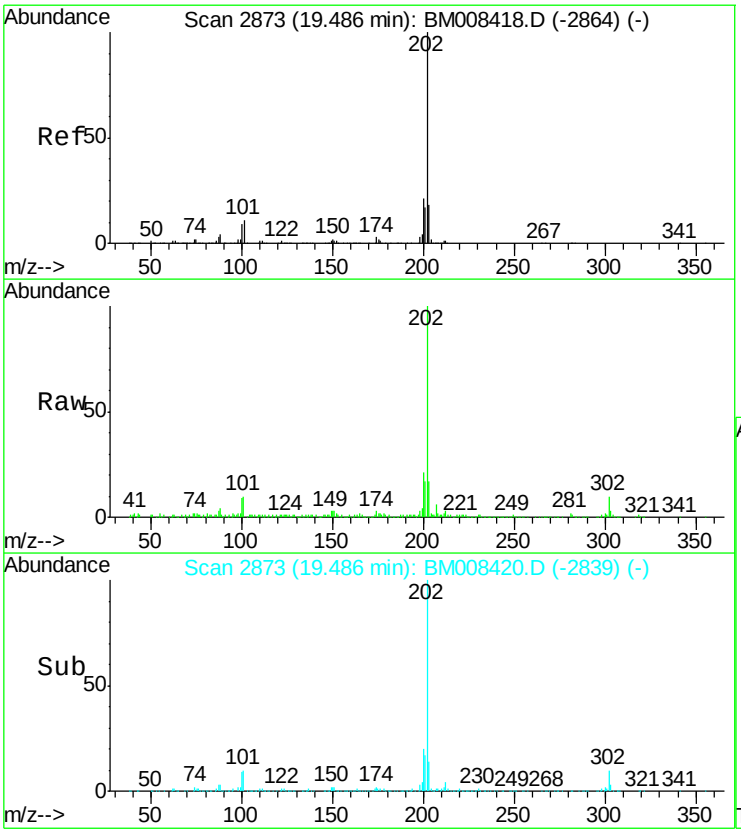
#74
Fluoranthene
Concen: 3.39 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Instrument :
BNA_M
ClientSampleId :
DA7G0

Tgt Ion:202 Resp: 130520

Ion	Ratio	Lower	Upper
202	100		
101	9.3	6.6	10.0
100	6.3	5.3	7.9

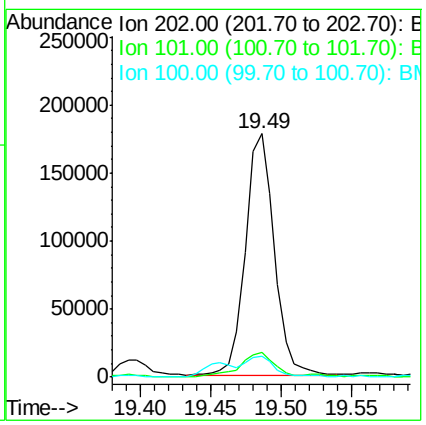


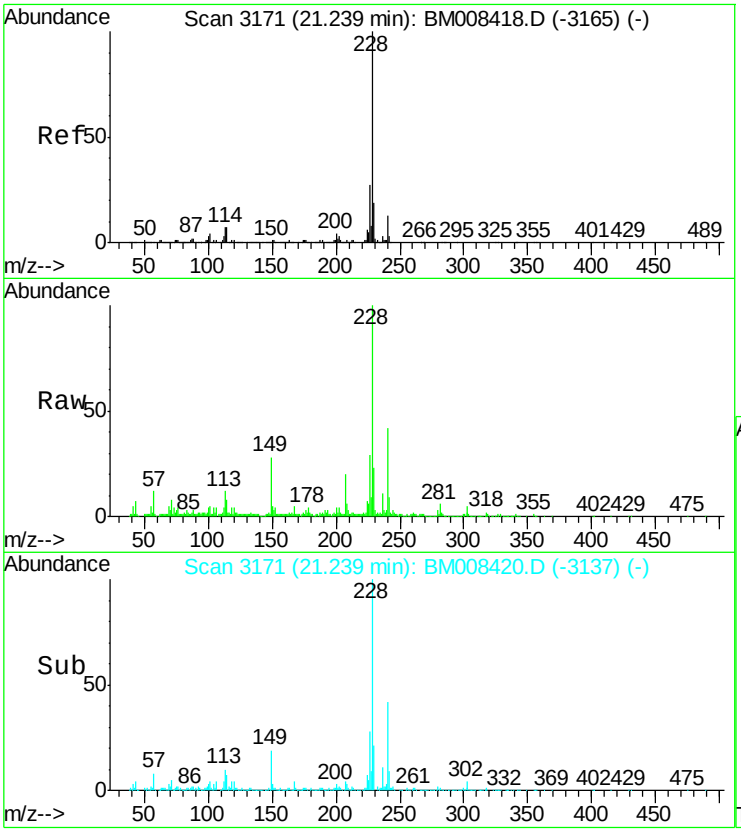


#77
Pyrene
Concen: 6.82 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. -0.00 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Tgt Ion:202 Resp: 255679

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.4
100	8.7	7.0	10.6



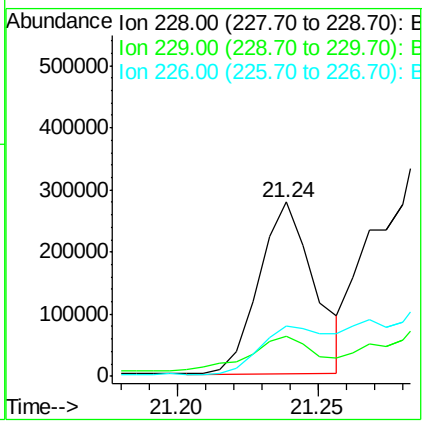


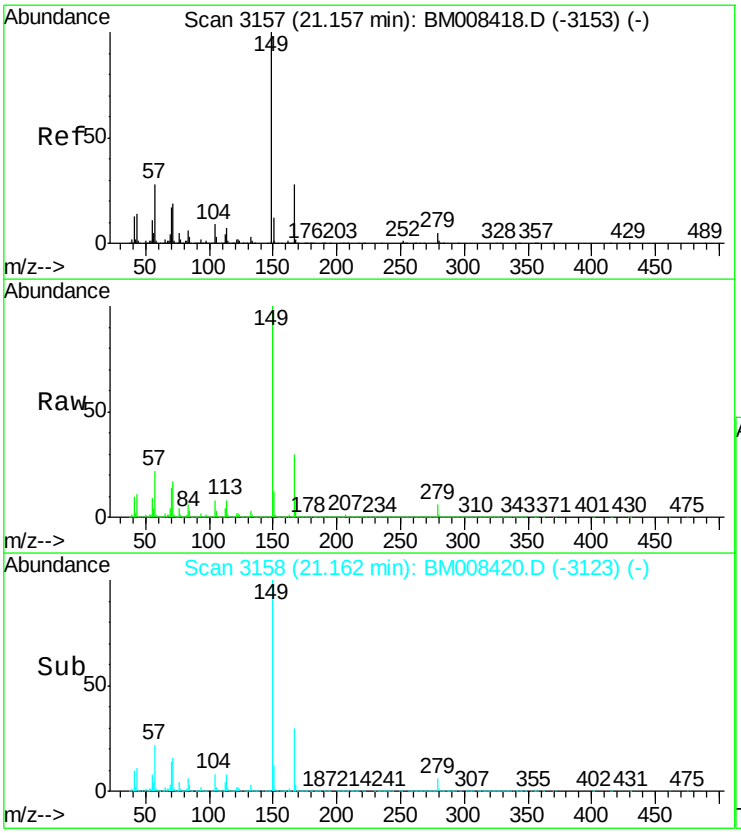
#80
Benzo(a)anthracene
Concen: 9.55 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Instrument :
BNA_M
ClientSampleId :
DA7G0

Tgt Ion:228 Resp: 376985

Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.4	23.2
226	29.1	21.2	31.8

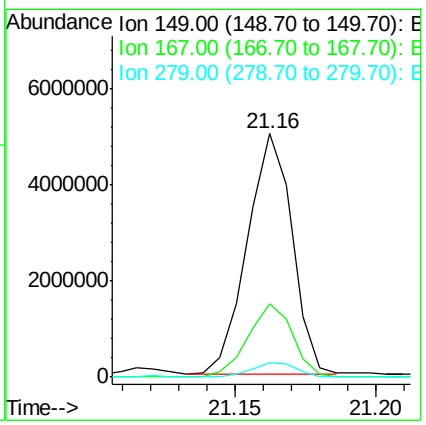


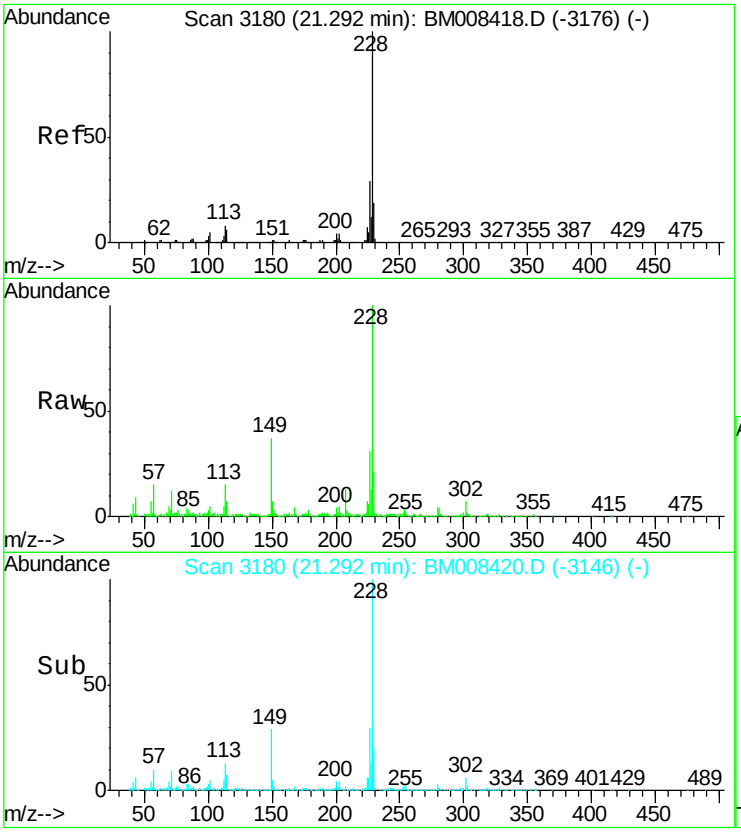


#81
Bis(2-ethylhexyl)phthalate
Concen: 280.14 ng/ul
RT: 21.16 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Tgt Ion:149 Resp: 5514996

Ion	Ratio	Lower	Upper
149	100		
167	30.1	22.6	34.0
279	5.8	4.2	6.4



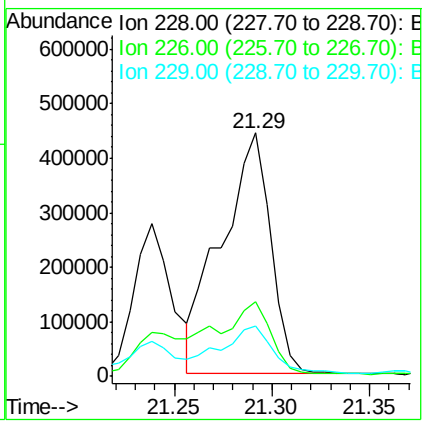


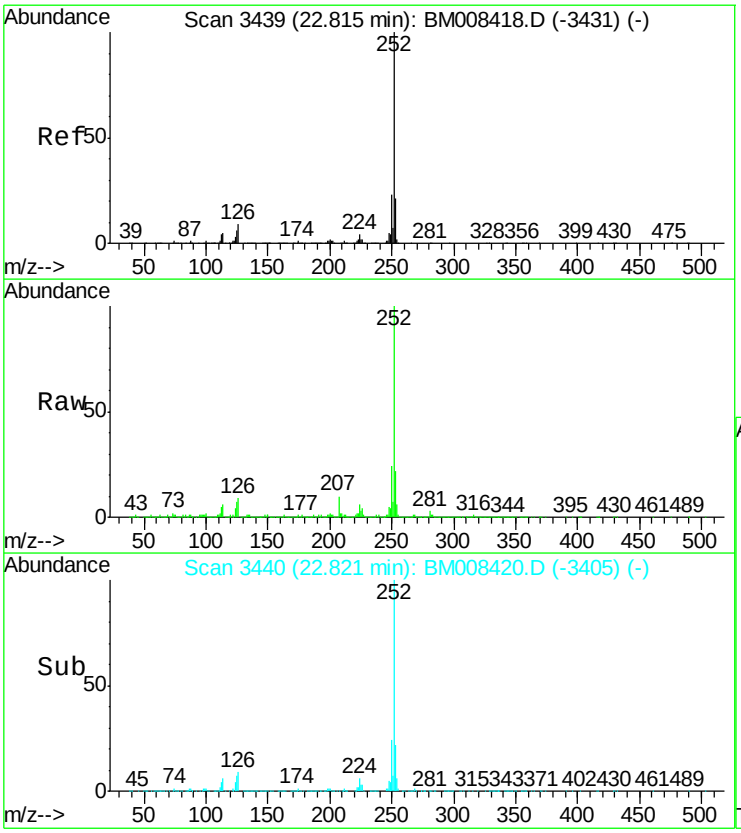
#82
Chrysene
Concen: 20.44 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Instrument :
BNA_M
ClientSampleId :
DA7G0

Tgt Ion:228 Resp: 775562

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.1	34.7
229	20.7	15.4	23.2

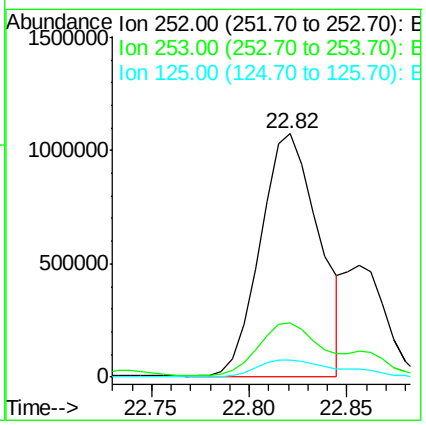


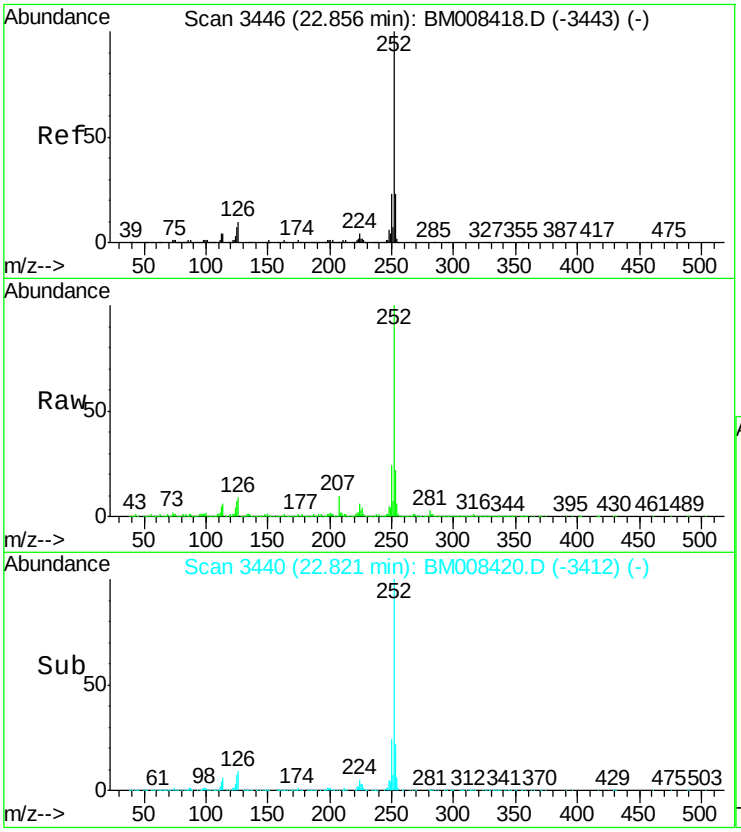


#85
Benzo(b)fluoranthene
Concen: 49.58 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Tgt Ion:252 Resp: 2228460

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	7.2	5.4	8.2



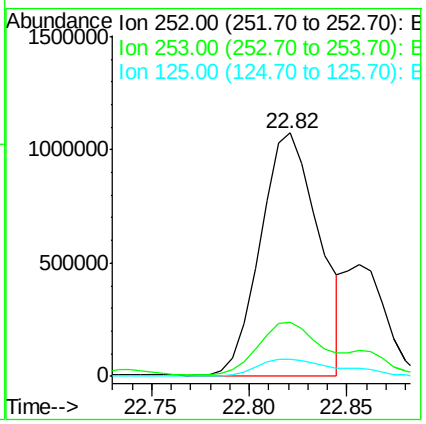


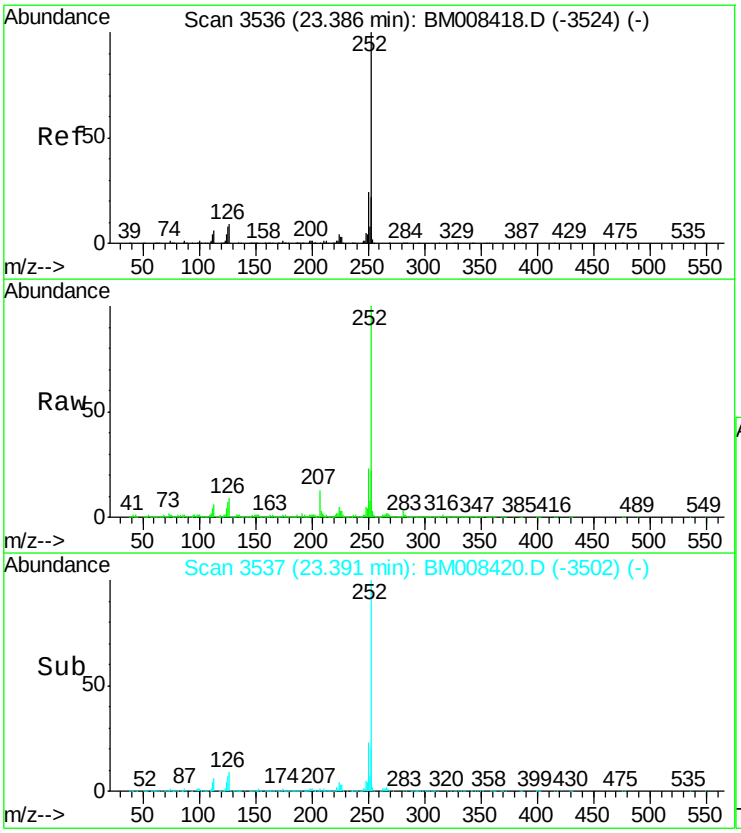
#86
Benzo(k)fluoranthene
Concen: 51.82 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. -0.04 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Instrument :
BNA_M
ClientSampleId :
DA7G0

Tgt Ion:252 Resp: 2228460

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	7.2	5.8	8.6

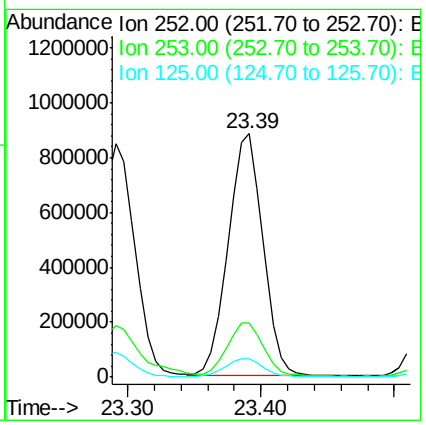


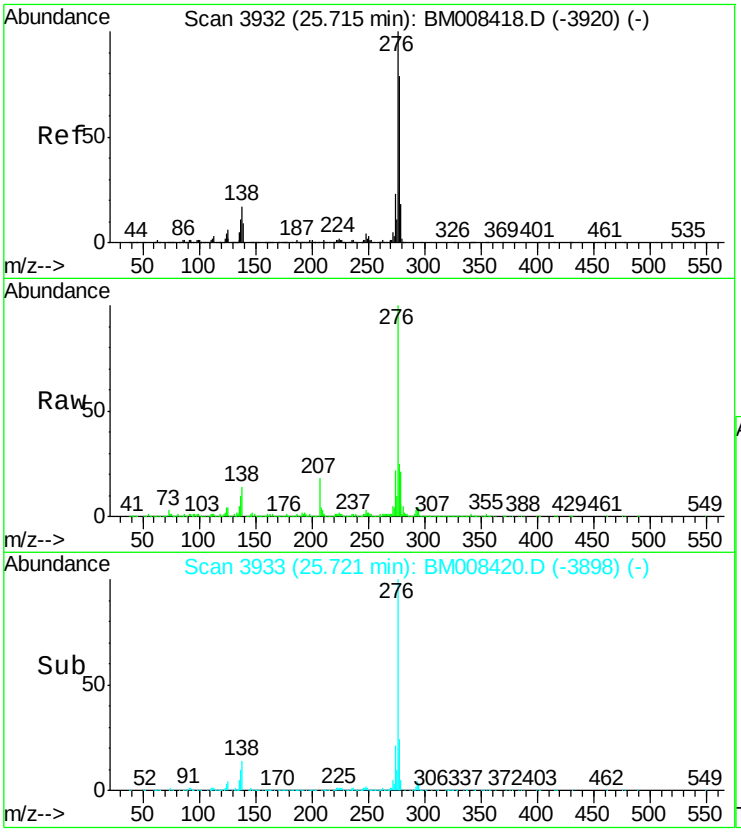


#88
Benzo(a)pyrene
Concen: 36.87 ng/ul
RT: 23.39 min Scan# 3537
Delta R.T. 0.01 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Tgt Ion:252 Resp: 1596756

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	7.4	6.6	9.8



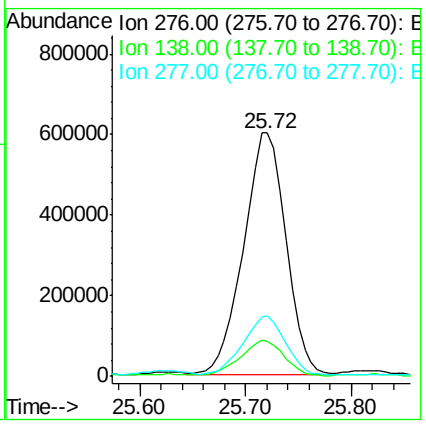


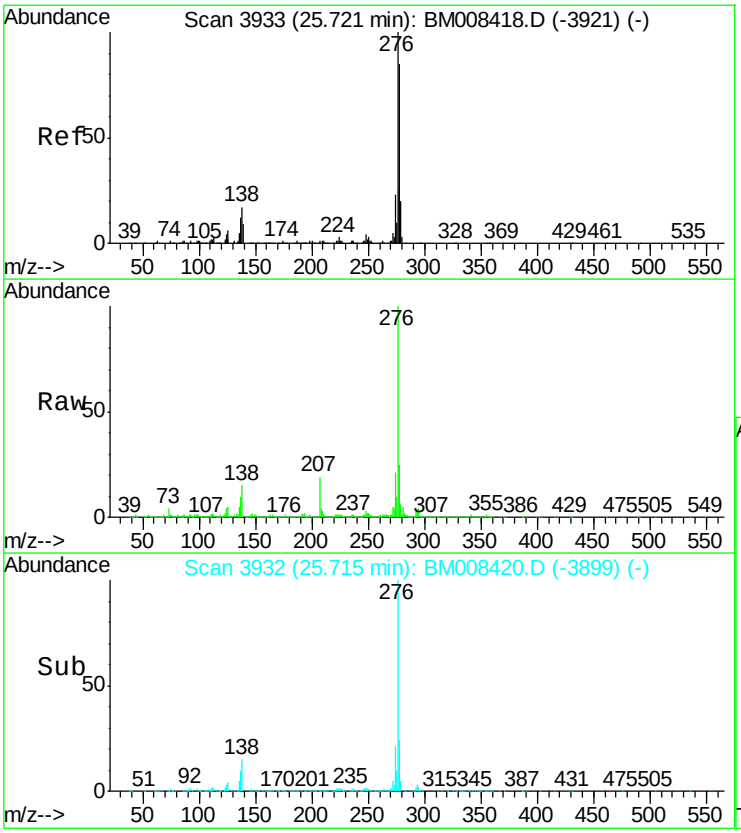
#89
Indeno(1,2,3-cd)pyrene
Concen: 31.93 ng/ul
RT: 25.72 min Scan# 3933
Delta R.T. 0.01 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Instrument :
BNA_M
ClientSampleId :
DA7G0

Tgt Ion:276 Resp: 1678928

Ion	Ratio	Lower	Upper
276	100		
138	14.4	13.4	20.2
277	24.7	19.7	29.5

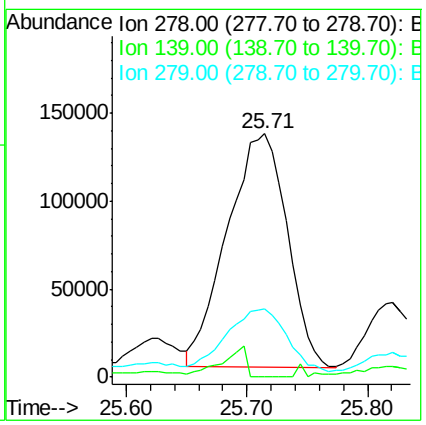


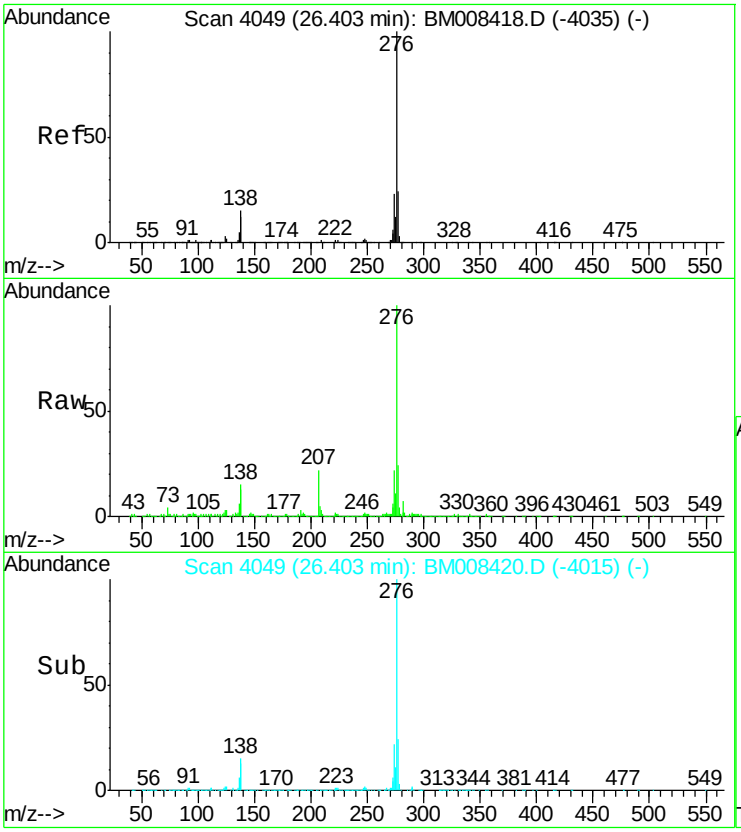


#90
Dibenzo(a,h)anthracene
Concen: 10.43 ng/ul
RT: 25.71 min Scan# 3932
Delta R.T. -0.01 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Tgt Ion:278 Resp: 460655

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.0#
279	28.1	18.6	28.0#





#91
Benzo(g,h,i)perylene
Concen: 34.32 ng/ul
RT: 26.40 min Scan# 4049
Delta R.T. -0.00 min
Lab File: BM008420.D
Acq: 17 Dec 2016 20:13

Instrument :
BNA_M
ClientSampleId :
DA7G0

Tgt Ion:276 Resp: 1509330

Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.0	18.0
277	24.4	19.4	29.0