Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004551.D
Acq On : 04 Mar 2016 02:49
Operator : SJ/UM
Sample : H1616-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P010-SS001-01

Quant Time: Mar 04 04:34:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	43128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	189226	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	98594	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	168568	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	140537	20.00	ng/ul	0.02
86) Perylene-d12	23.46	264	143239	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	2035	2.54	ng/uL	0.00
5) Phenol-d5	6.85	99	62241	17.91	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	6.93	67	31578	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	60299	19.46	ng/ul	0.02
13) 4-Methylphenol-d8	8.36	113	56625	18.49	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	30500	21.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	36006	22.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	61622	21.04	ng/ul	0.05
29) 4-Chloroaniline-d4	10.53	131	30425	8.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	186419	22.73	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	227414	22.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1053	0.87	ng/ul	-0.02
58) Fluorene-d10	15.26	176	145997	20.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	20369	18.61	ng/ul	0.00
71) Anthracene-d10	17.12	188	185088	22.44	ng/ul	0.00
79) Pyrene-d10	19.43	212	171121	22.64	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.32	264	168233	22.08	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.43	128	23886	2.29	ng/ul	99
34) 2-Methylnaphthalene	12.05	142	9985	1.28	ng/ul	96
45) Dimethylphthalate	13.72	163	73354	8.51	ng/ul	99
48) Acenaphthylene	13.98	152	37451	3.52	ng/ul	94
53) 4-Nitrophenol	14.52	109	1129	1.36	ng/ul#	1
70) Phenanthrene	17.06	178	28275	2.80	ng/ul#	88
72) Anthracene	17.15	178	29000	2.83	ng/ul#	88
77) Fluoranthene	19.09	202	48460	4.45	ng/ul	99
80) Pyrene	19.46	202	98274	9.64	ng/ul	97
83) Benzo(a)anthracene	21.22	228	32703	3.61	ng/ul#	69
84) Bis(2-ethylhexyl)phthalate	21.14	149	47691	8.39	ng/ul#	91
85) Chrysene	21.27	228	42714	4.91	ng/ul#	78
88) Benzo(b)fluoranthene	22.80	252	98687	10.34	ng/ul#	62
89) Benzo(k)fluoranthene	22.80	252	98687	10.43	ng/ul#	61
91) Benzo(a)pyrene	23.37	252	64834	7.19	ng/ul#	59
92) Indeno(1,2,3-cd)pyrene	25.70	276	65960	7.34	ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	14962	2.01	ng/ul#	1
94) Benzo(g,h,i)perylene	26.39	276	93933	12.42	ng/ul	96

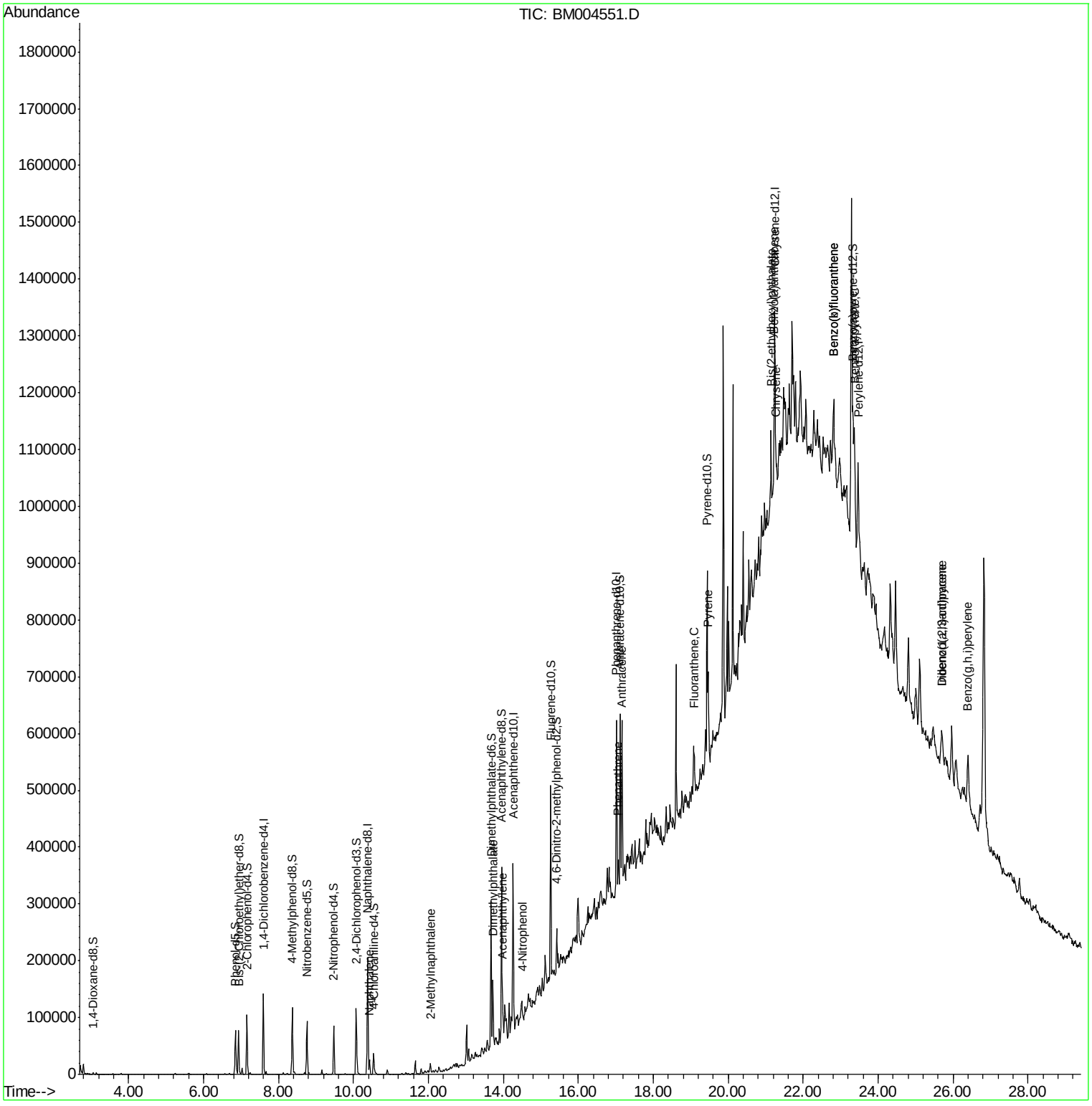
(#) = qualifier out of range (m) = manual integration (+) = signals summed

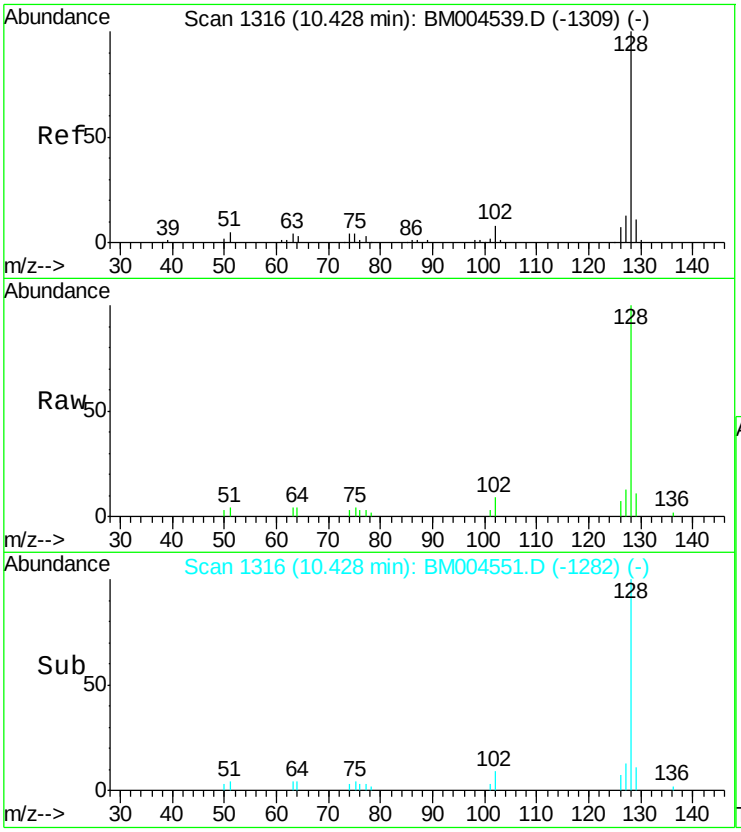
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004551.D
Acq On : 04 Mar 2016 02:49
Operator : SJ/UM
Sample : H1616-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

Quant Time: Mar 04 04:34:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration



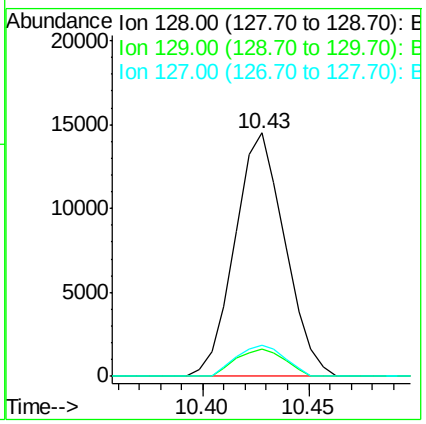


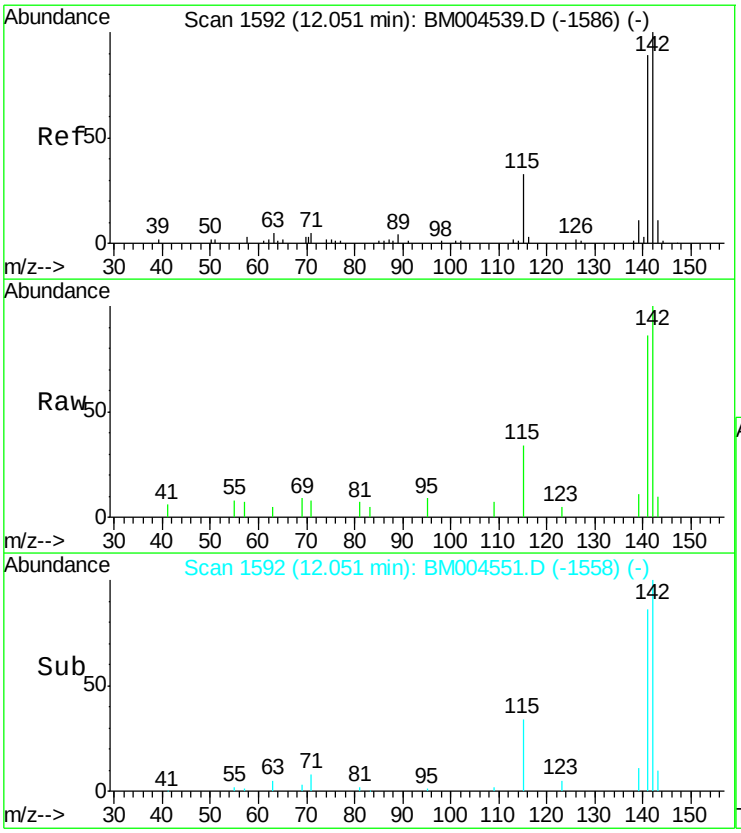
#28
Naphthalene
Concen: 2.29 ng/ul
RT: 10.43 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

Tgt Ion:128 Resp: 23886

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.7	10.5	15.7

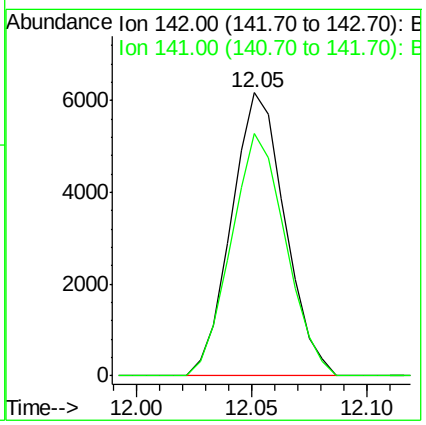


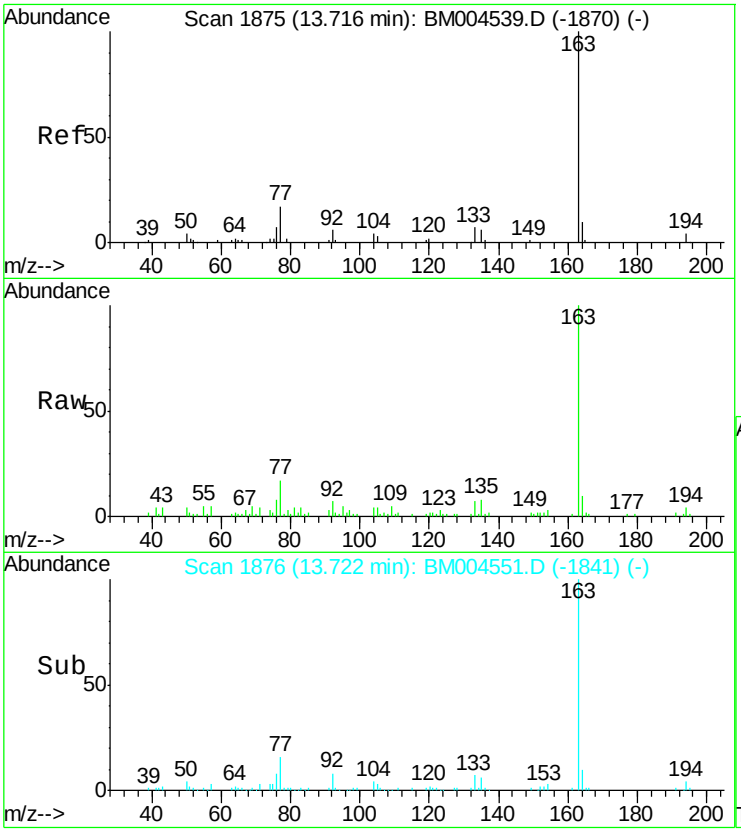


#34
2-Methylnaphthalene
Concen: 1.28 ng/ul
RT: 12.05 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Tgt Ion:142 Resp: 9985

Ion	Ratio	Lower	Upper
142	100		
141	85.6	71.6	107.4



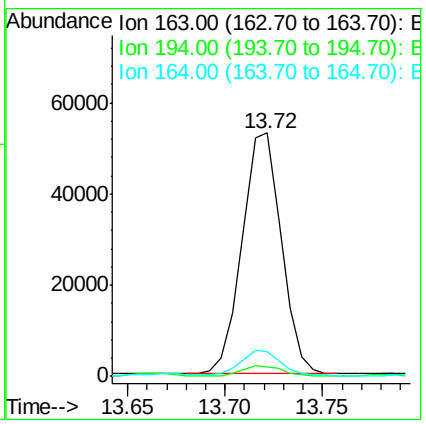


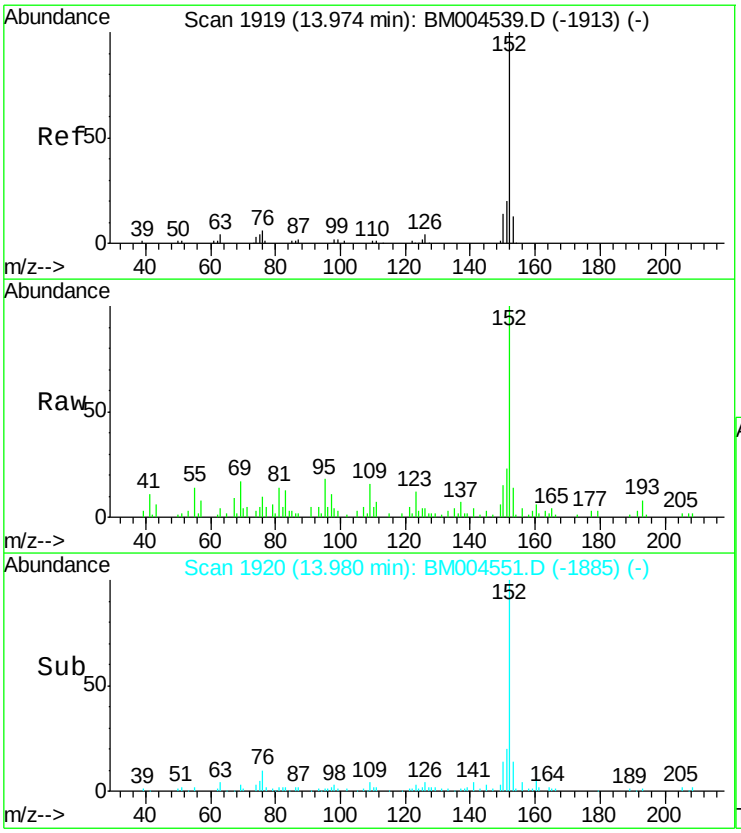
#45
Dimethylphthalate
Concen: 8.51 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

Tgt Ion:163 Resp: 73354

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	7.8	11.8

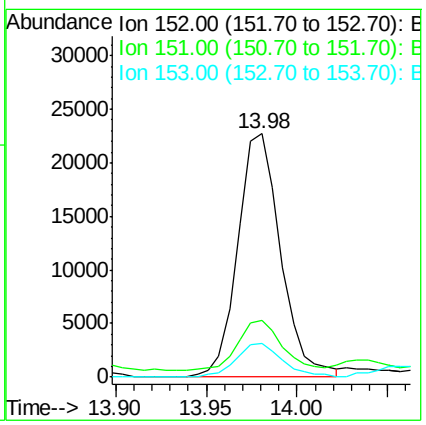


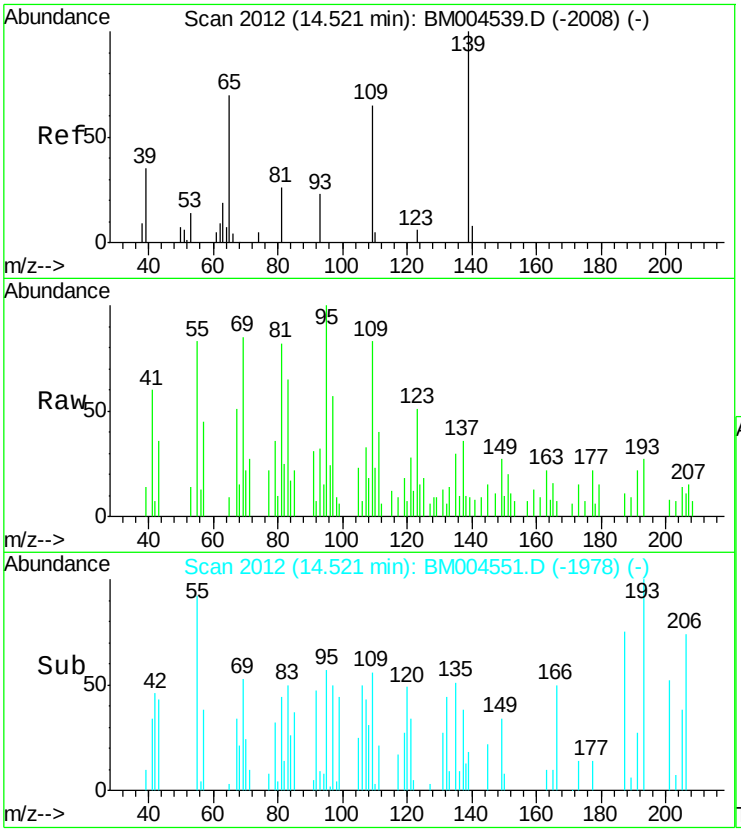


#48
Acenaphthylene
Concen: 3.52 ng/ul
RT: 13.98 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Tgt Ion:152 Resp: 37451

Ion	Ratio	Lower	Upper
152	100		
151	23.4	15.7	23.5
153	13.8	10.5	15.7



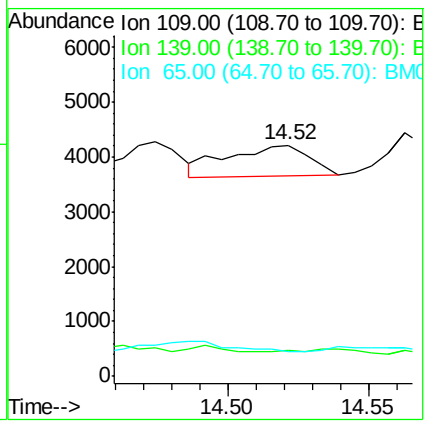


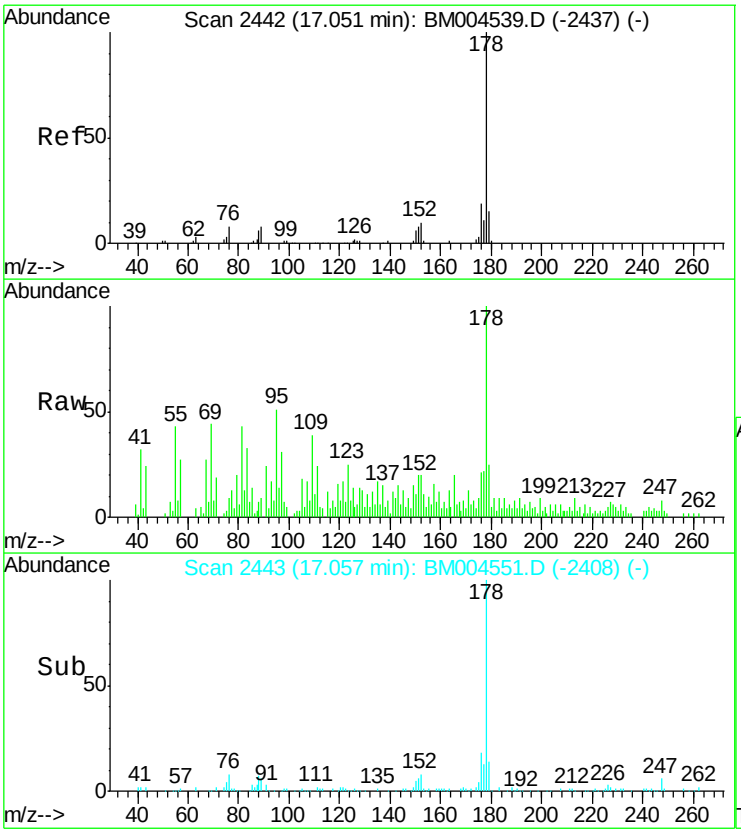
#53
4-Nitrophenol
Concen: 1.36 ng/ul
RT: 14.52 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

Tgt Ion:109 Resp: 1129

Ion	Ratio	Lower	Upper
109	100		
139	11.2	103.7	155.5#
65	10.7	89.4	134.2#

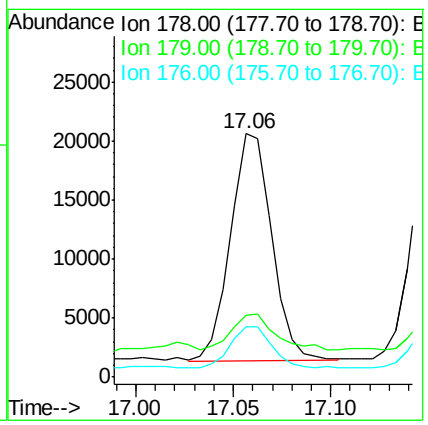


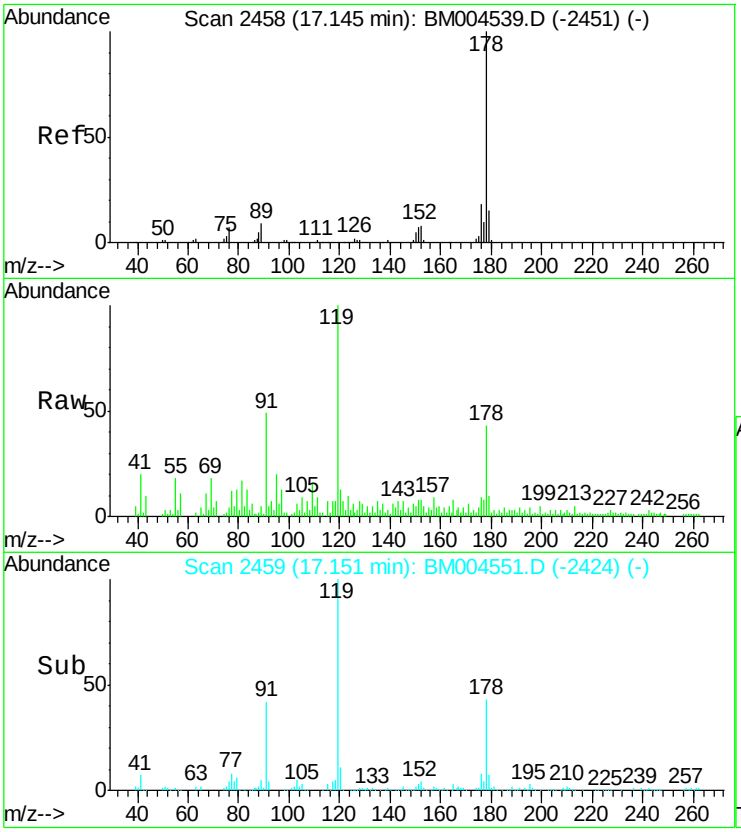


#70
Phenanthrene
Concen: 2.80 ng/ul
RT: 17.06 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Tgt Ion:178 Resp: 28275

Ion	Ratio	Lower	Upper
178	100		
179	25.2	12.2	18.4#
176	20.5	15.6	23.4



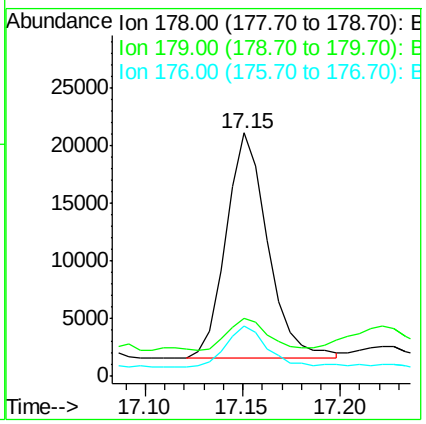


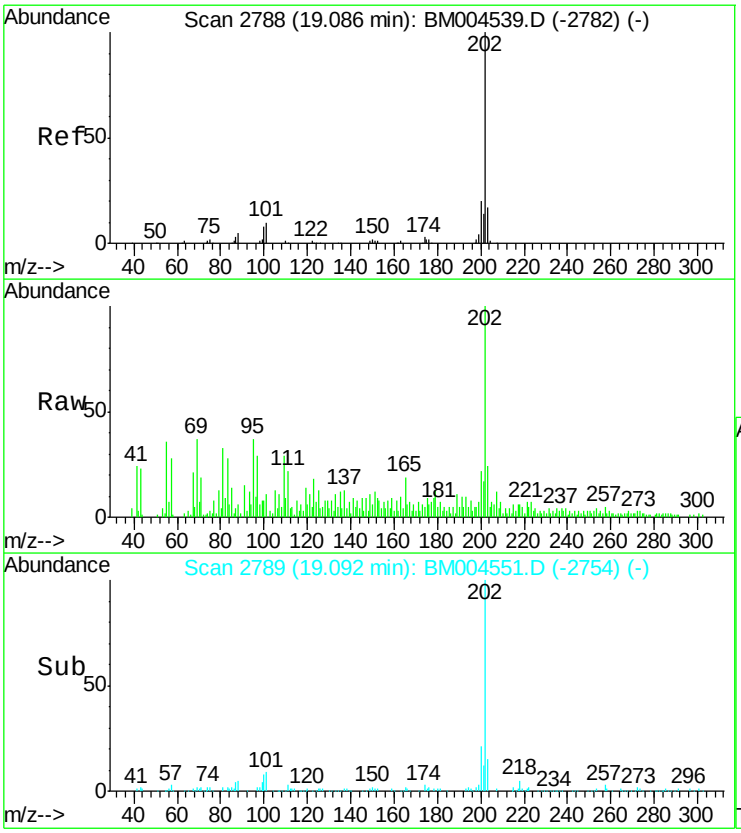
#72
Anthracene
Concen: 2.83 ng/ul
RT: 17.15 min Scan# 2459
Delta R.T. 0.01 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

Tgt Ion:178 Resp: 29000

Ion	Ratio	Lower	Upper
178	100		
179	23.7	12.1	18.1#
176	20.9	14.8	22.2

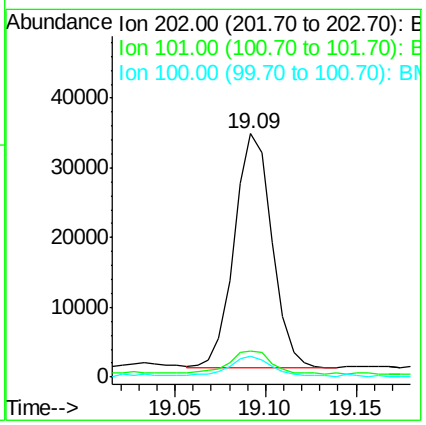


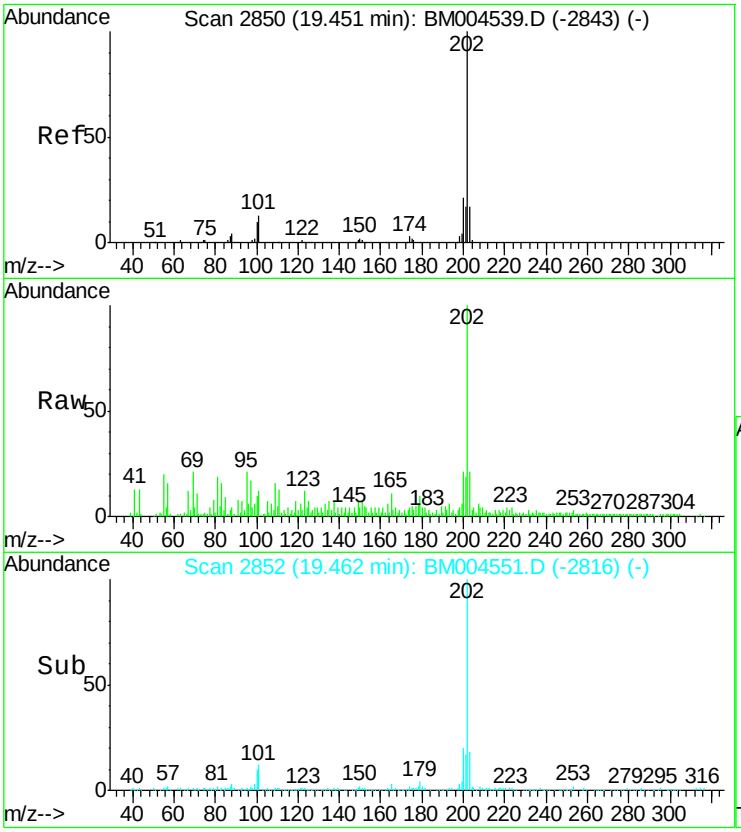


#77
Fluoranthene
Concen: 4.45 ng/ul
RT: 19.09 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Tgt Ion:202 Resp: 48460

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.8	13.2
100	8.4	6.6	9.8



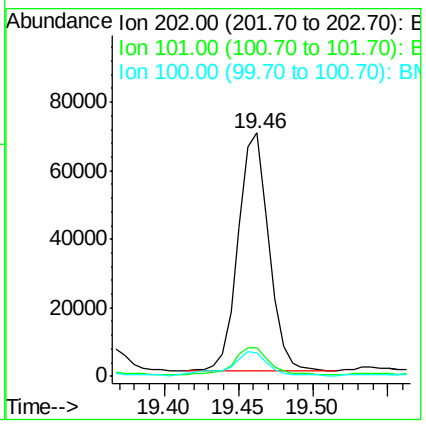


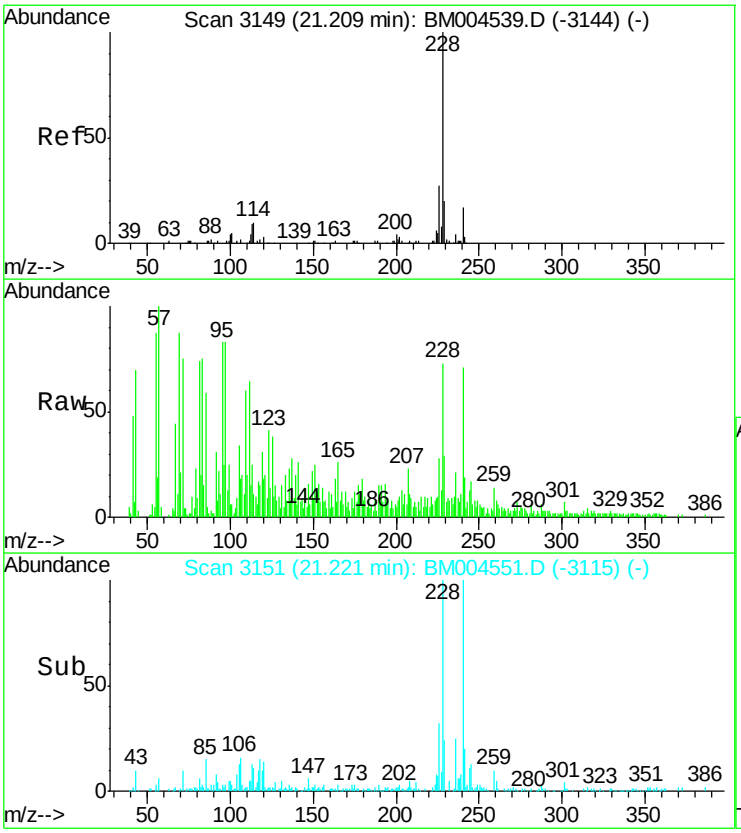
#80
Pyrene
Concen: 9.64 ng/ul
RT: 19.46 min Scan# 2852
Delta R.T. 0.01 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

Tgt Ion:202 Resp: 98274

Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.2	15.2
100	9.6	8.5	12.7

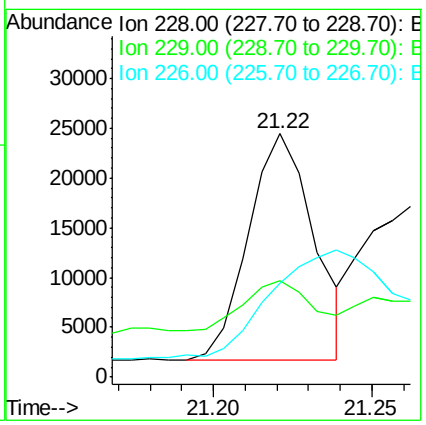


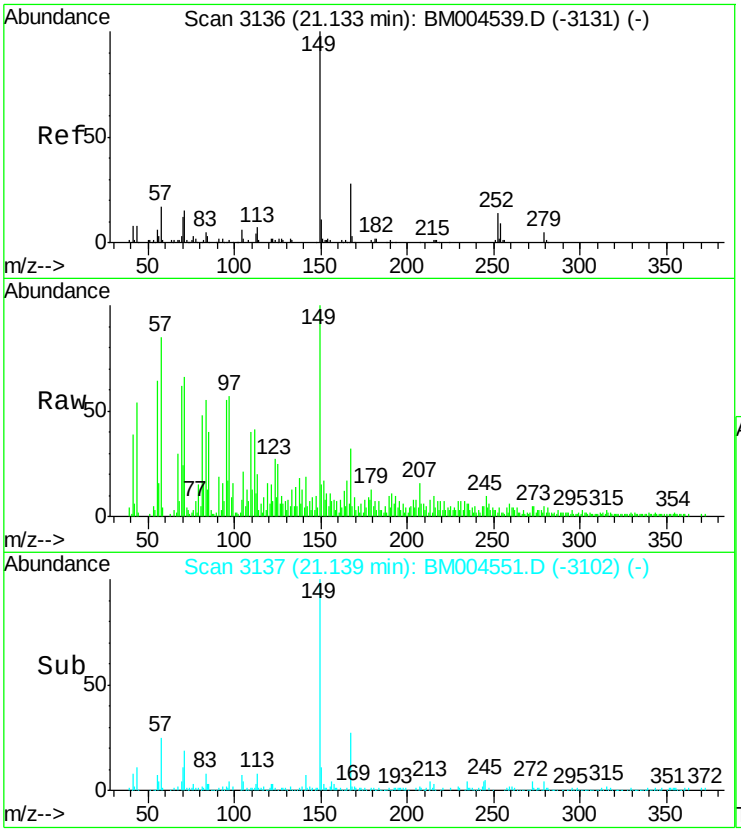


#83
Benzo(a)anthracene
Concen: 3.61 ng/ul
RT: 21.22 min Scan# 3151
Delta R.T. 0.01 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Tgt Ion:228 Resp: 32703

Ion	Ratio	Lower	Upper
228	100		
229	39.7	15.7	23.5#
226	38.5	21.8	32.6#



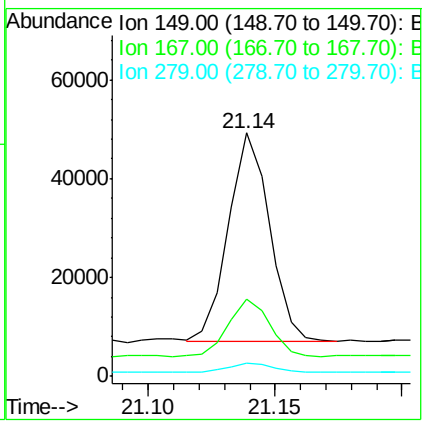


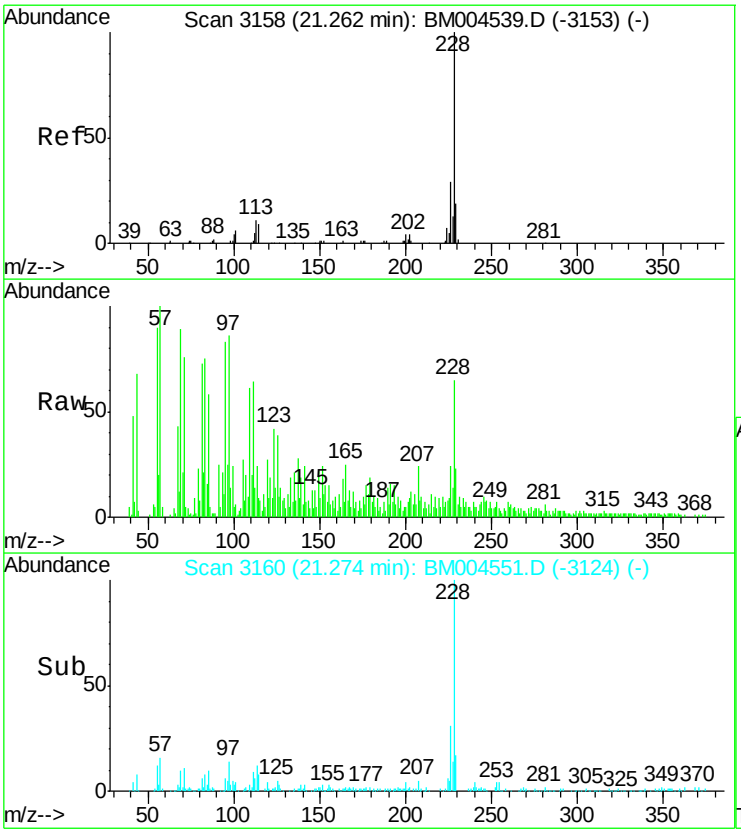
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.39 ng/ul
RT: 21.14 min Scan# 3137
Delta R.T. 0.01 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

Tgt Ion:149 Resp: 47691

Ion	Ratio	Lower	Upper
149	100		
167	32.0	21.6	32.4
279	5.3	3.0	4.4#

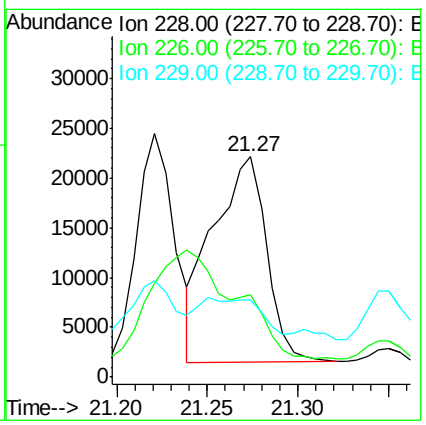


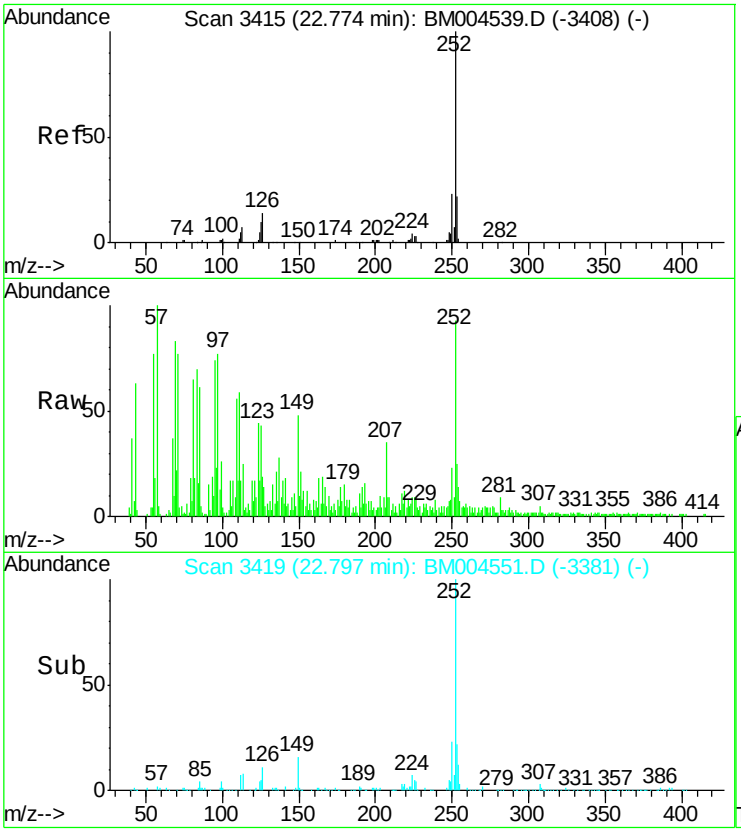


#85
Chrysene
Concen: 4.91 ng/ul
RT: 21.27 min Scan# 3160
Delta R.T. 0.01 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Tgt Ion:228 Resp: 42714

Ion	Ratio	Lower	Upper
228	100		
226	37.6	24.0	36.0#
229	35.2	15.6	23.4#



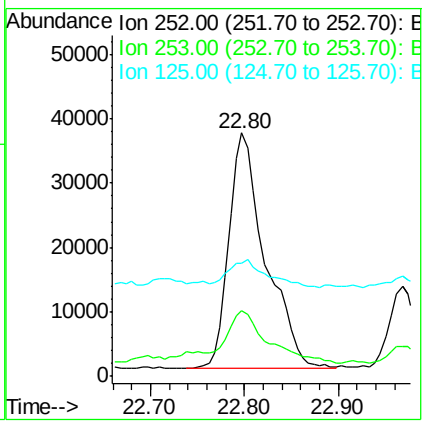


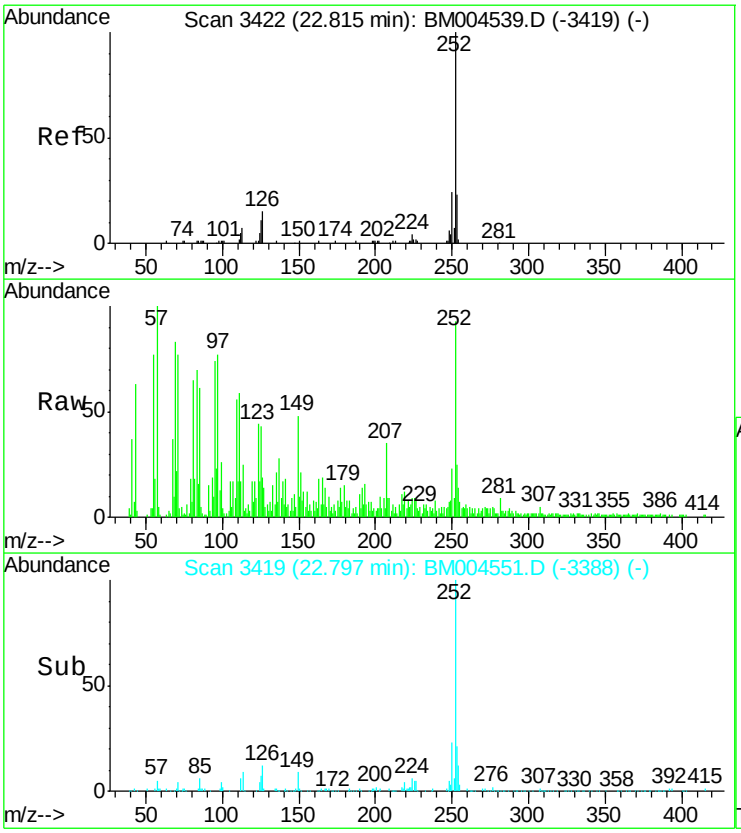
#88
Benzo(b)fluoranthene
Concen: 10.34 ng/ul
RT: 22.80 min Scan# 3419
Delta R.T. 0.02 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

Tgt Ion:252 Resp: 98687

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.5	26.3#
125	46.4	8.5	12.7#

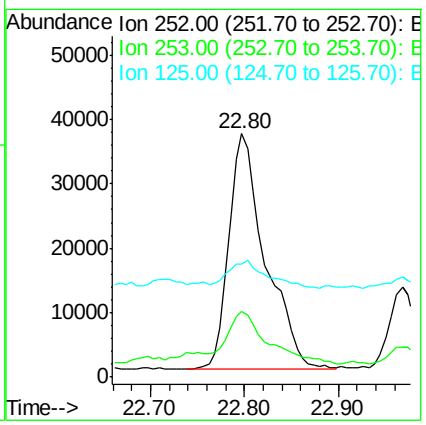


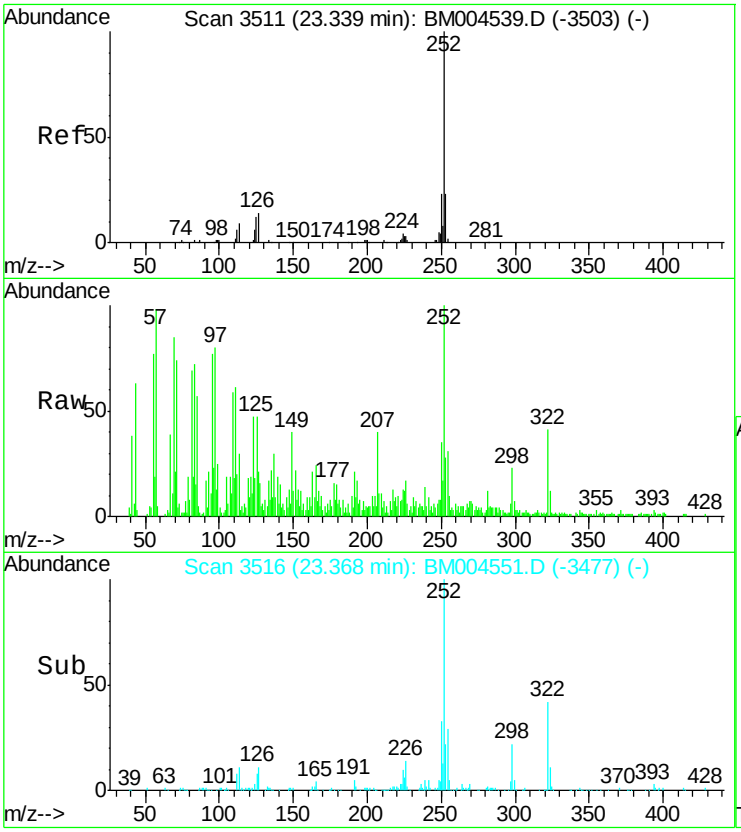


#89
Benzo(k)fluoranthene
Concen: 10.43 ng/ul
RT: 22.80 min Scan# 3419
Delta R.T. -0.02 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Tgt Ion:252 Resp: 98687

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.3	25.9#
125	46.4	8.2	12.2#



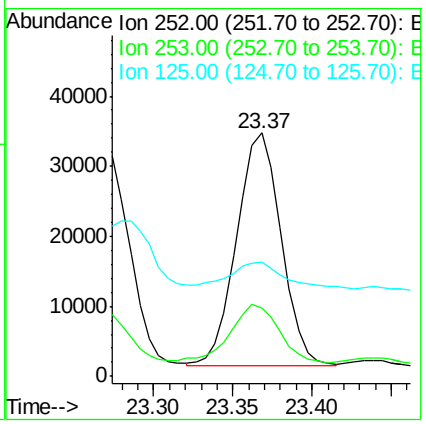


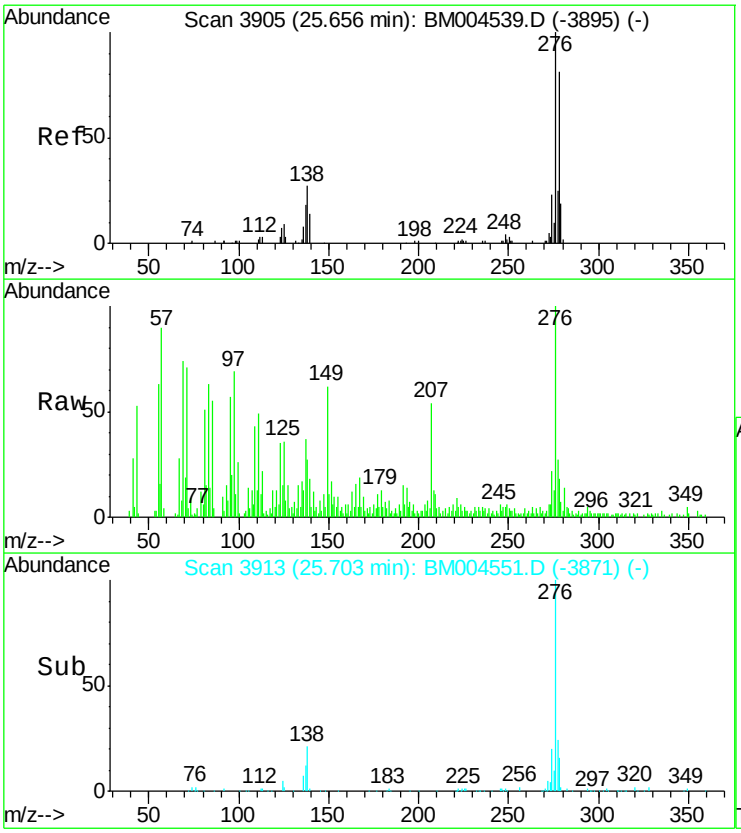
#91
Benzo(a)pyrene
Concen: 7.19 ng/ul
RT: 23.37 min Scan# 3516
Delta R.T. 0.03 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

Tgt Ion:252 Resp: 64834

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.2	25.8#
125	46.9	9.0	13.6#

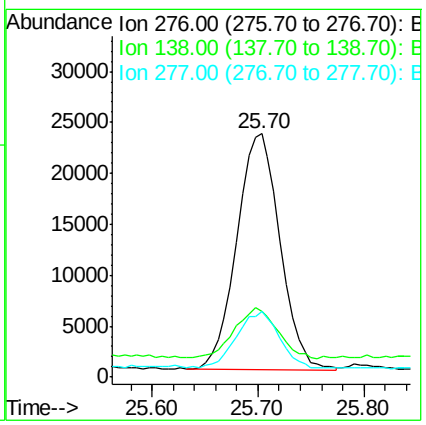


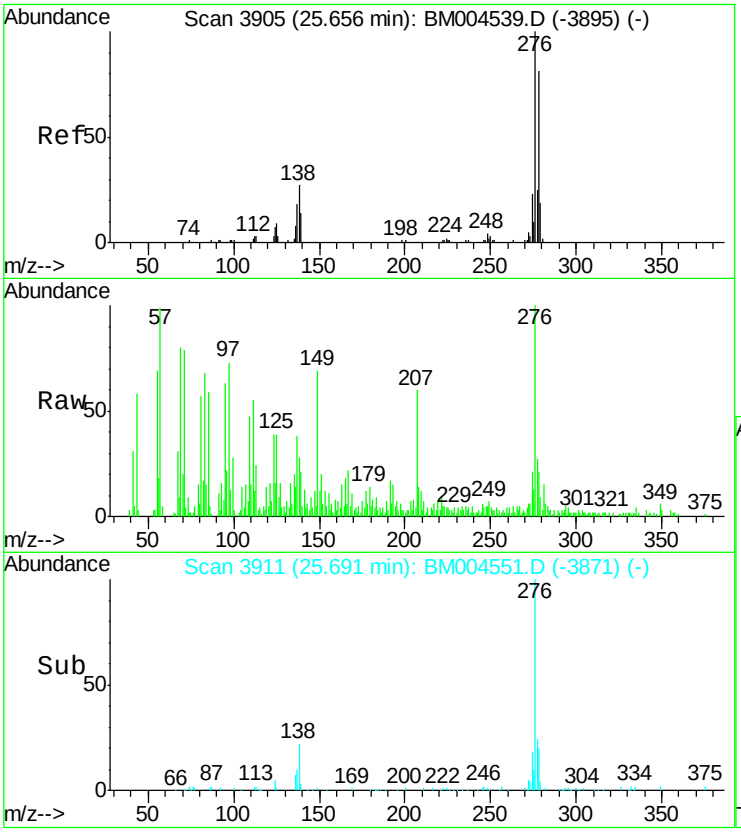


#92
Indeno(1,2,3-cd)pyrene
Concen: 7.34 ng/ul
RT: 25.70 min Scan# 3913
Delta R.T. 0.05 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Tgt Ion:276 Resp: 65960

Ion	Ratio	Lower	Upper
276	100		
138	26.7	22.3	33.5
277	26.7	20.2	30.2



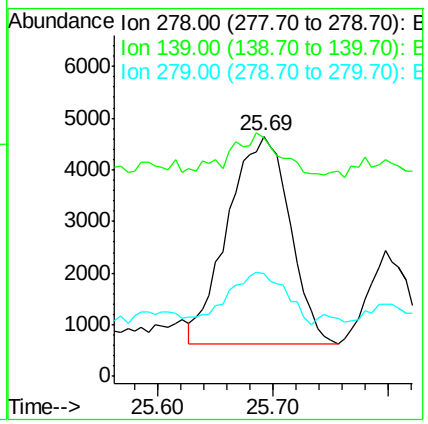


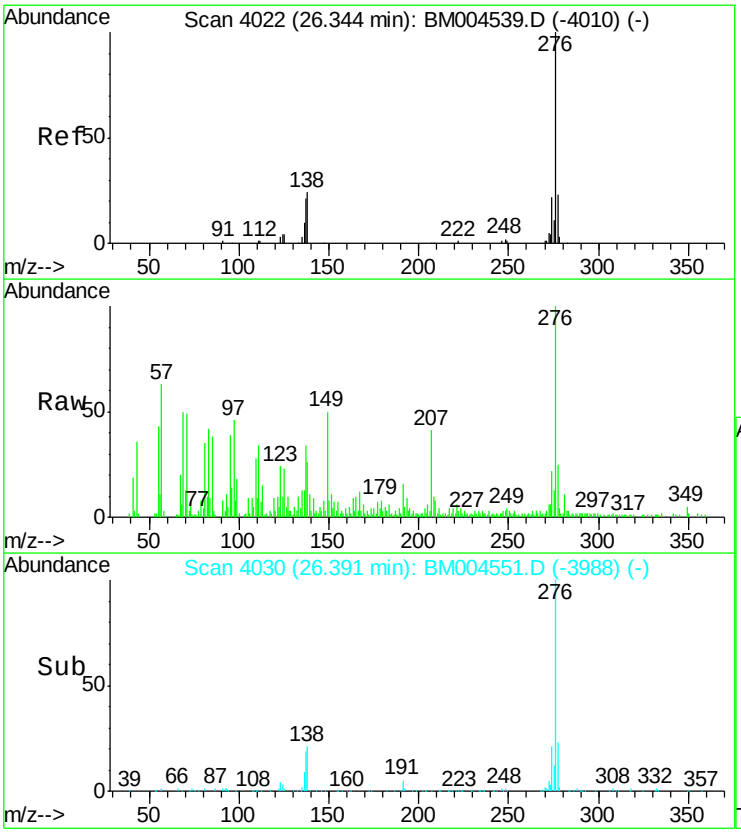
#93
Dibenzo(a,h)anthracene
Concen: 2.01 ng/ul
RT: 25.69 min Scan# 3911
Delta R.T. 0.04 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

Tgt Ion:278 Resp: 14962

Ion	Ratio	Lower	Upper
278	100		
139	99.7	13.9	20.9#
279	42.6	19.0	28.4#





#94
Benzo(g,h,i)perylene
Concen: 12.42 ng/ul
RT: 26.39 min Scan# 4030
Delta R.T. 0.05 min
Lab File: BM004551.D
Acq: 04 Mar 2016 02:49

Tgt Ion:276 Resp: 93933

Ion	Ratio	Lower	Upper
276	100		
138	26.2	18.9	28.3
277	25.2	19.2	28.8