Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
Data File : BM006973.D
Acq On : 07 Aug 2016 12:53
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02024

Quant Time: Aug 08 03:56:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 03:51:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	225745	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	1099215	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	717081	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1719705	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1929314	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1427231	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.08	96	34643	7.01	ng/uL	0.00
3) Phenol-d5	6.76	99	426215	19.91	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	271842	20.25	ng/ul	0.00
5) 2-Chlorophenol-d4	7.09	132	319905	20.94	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	351096	19.65	ng/ul	0.00
8) Nitrobenzene-d5	8.71	128	172489	21.13	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	201919	20.65	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.97	165	376520	20.31	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	471155	21.29	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1227941	19.46	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1483481	20.33	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	145173	15.86	ng/ul	0.00
21) Fluorene-d10	15.20	176	1058344	19.73	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	197172	27.77	ng/ul	0.00
26) Anthracene-d10	17.06	188	1678295	20.20	ng/ul	0.00
30) Pyrene-d10	19.37	212	1892183	20.57	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.22	264	1360272	20.01	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.37	128	1149259	20.36	ng/ul	100
13) 2-Methylnaphthalene	12.00	142	901803	19.96	ng/ul	94
14) 1-Methylnaphthalene	12.22	142	854892	19.69	ng/ul	99
18) Acenaphthylene	13.93	152	1557666	20.34	ng/ul	100
19) Acenaphthene	14.27	153	1005266	20.13	ng/ul	97
22) Fluorene	15.26	166	1234304	19.55	ng/ul	97
25) Phenanthrene	17.00	178	1923369	20.00	ng/ul	98
27) Anthracene	17.10	178	2012657	19.99	ng/ul	100
28) Fluoranthene	19.03	202	2367701	20.23	ng/ul	98
31) Pyrene	19.40	202	2453695	20.46	ng/ul	98
32) Benzo(a)anthracene	21.16	228	2332164	20.38	ng/ul	100
33) Chrysene	21.21	228	2039692	20.24	ng/ul	99
35) Benzo(b)fluoranthene	22.70	252	1864454	20.02	ng/ul	100
36) Benzo(k)fluoranthene	22.75	252	1816200	20.19	ng/ul	99
38) Benzo(a)pyrene	23.26	252	1668864	19.76	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.54	276	1828385	21.34	ng/ul	99
40) Dibenzo(a,h)anthracene	25.54	278	1540099	21.36	ng/ul	98
41) Benzo(g,h,i)perylene	26.20	276	1461177	21.66	ng/ul	99

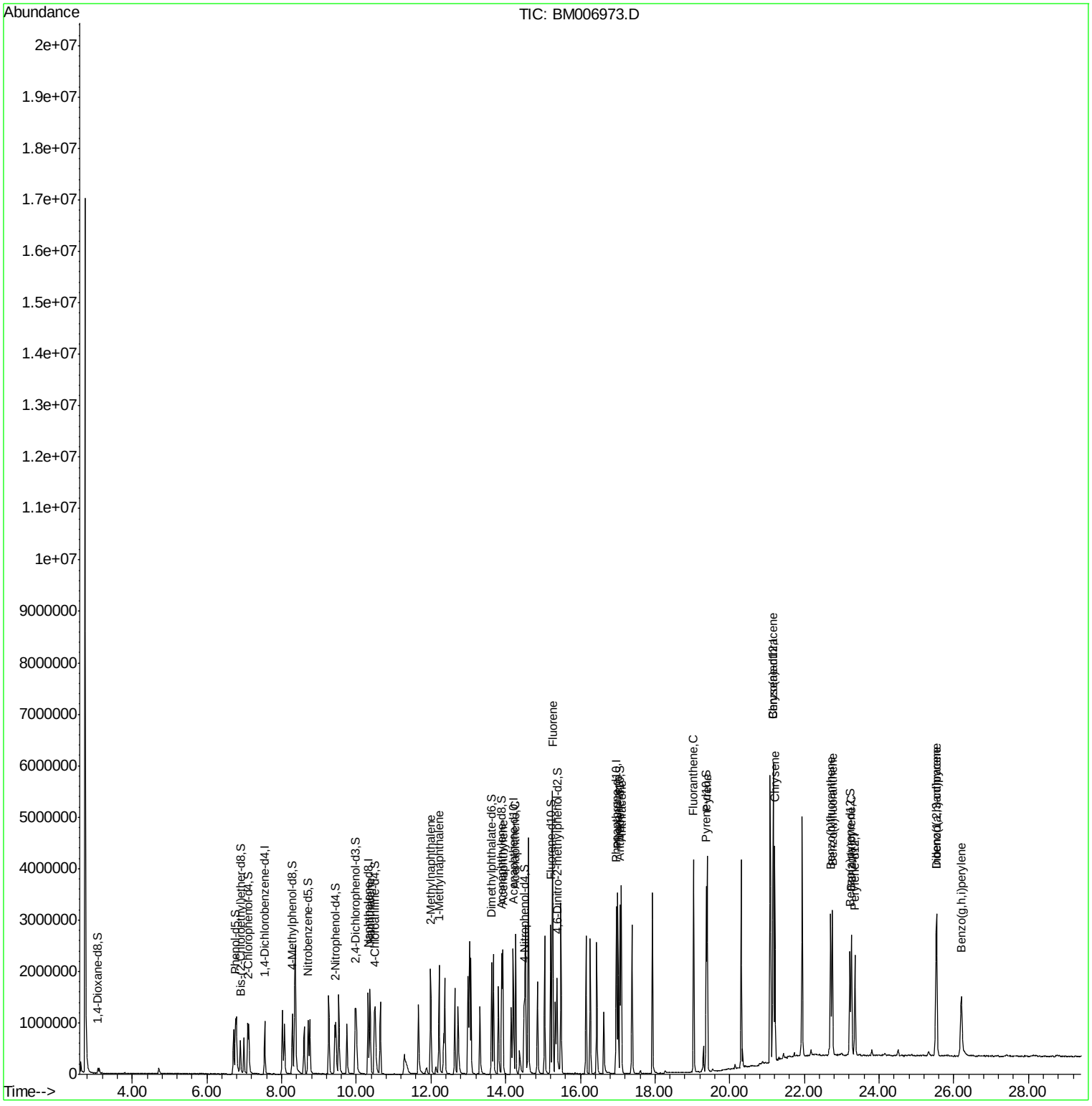
(#) = qualifier out of range (m) = manual integration (+) = signals summed

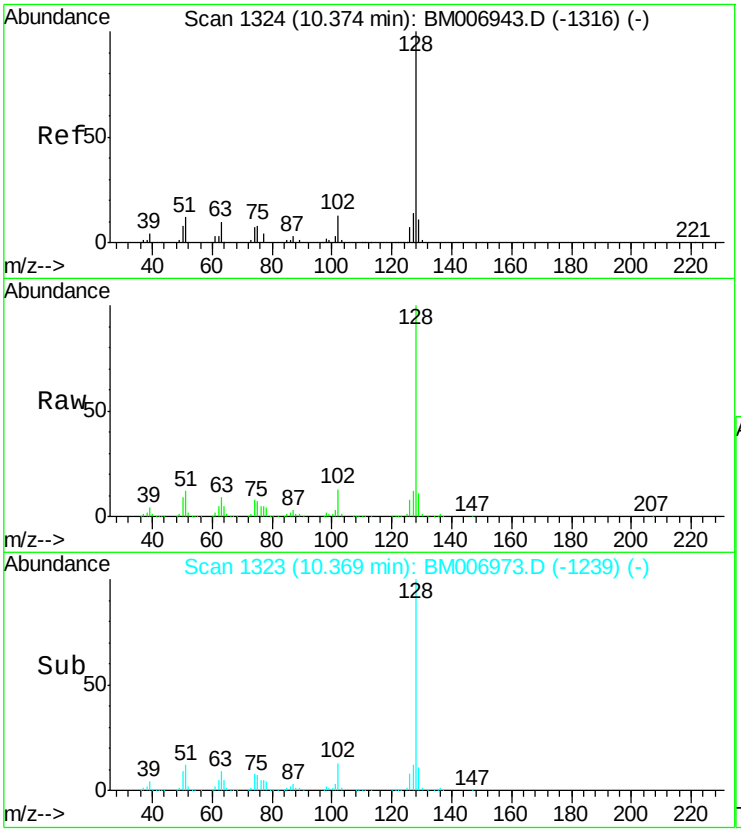
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
Data File : BM006973.D
Acq On : 07 Aug 2016 12:53
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Quant Time: Aug 08 03:56:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 03:51:46 2016
Response via : Initial Calibration



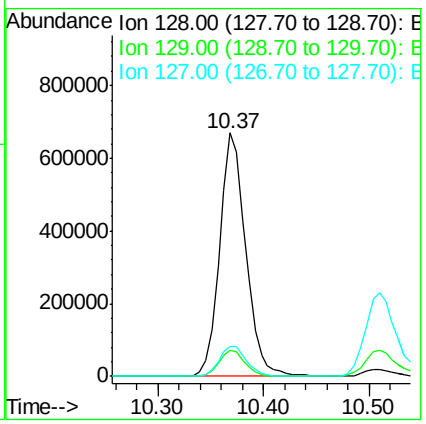


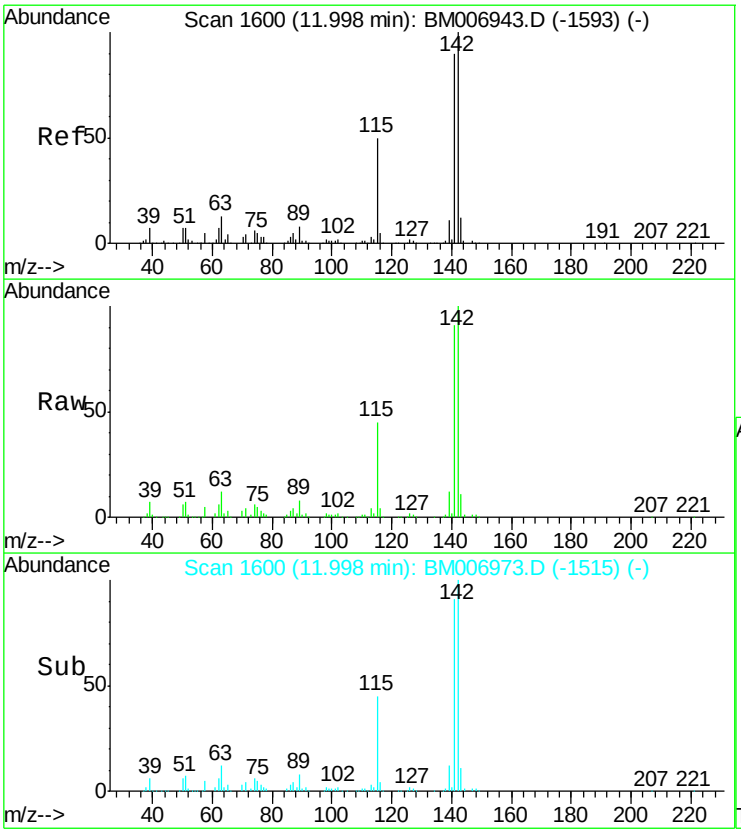
#11
Naphthalene
Concen: 20.36 ng/ul
RT: 10.37 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tgt Ion:128 Resp: 1149259

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	12.3	9.8	14.8

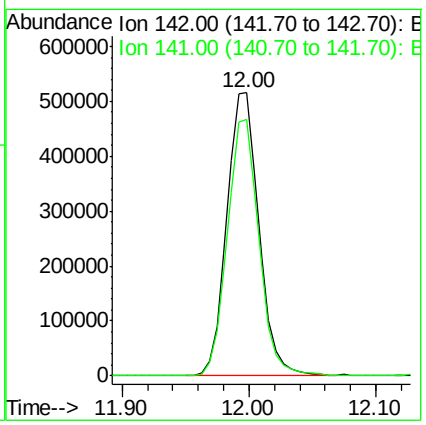


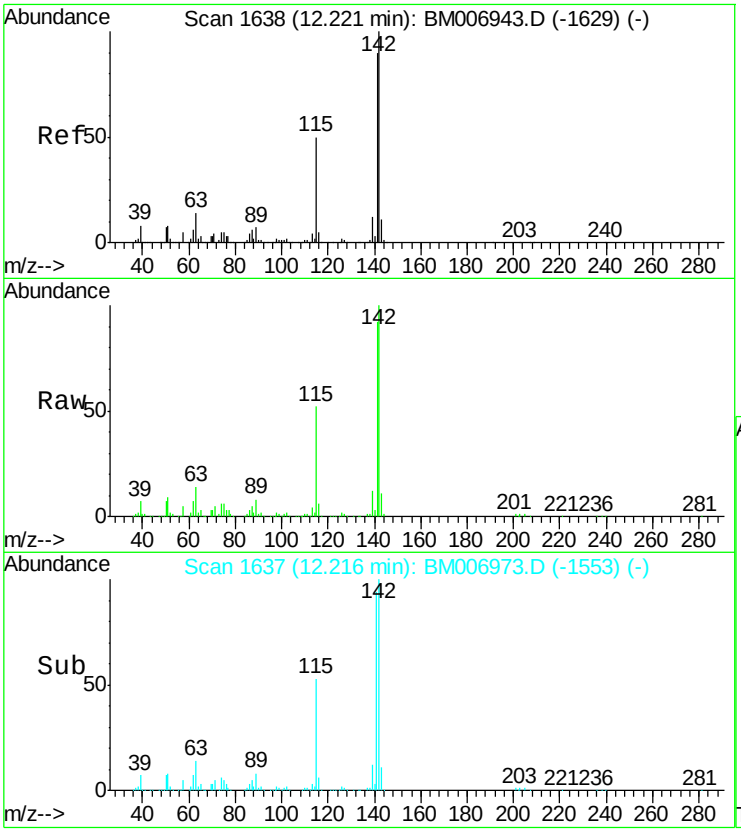


#13
2-Methylnaphthalene
Concen: 19.96 ng/ul
RT: 12.00 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Tgt Ion:142 Resp: 901803

Ion	Ratio	Lower	Upper
142	100		
141	90.7	68.2	102.2



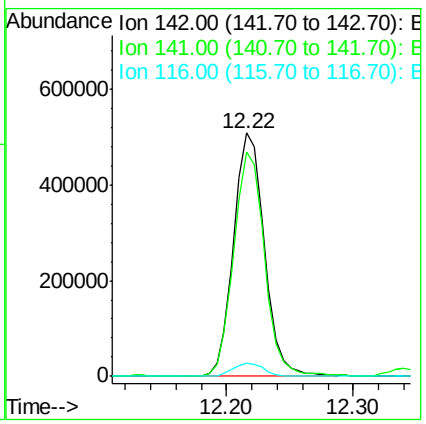


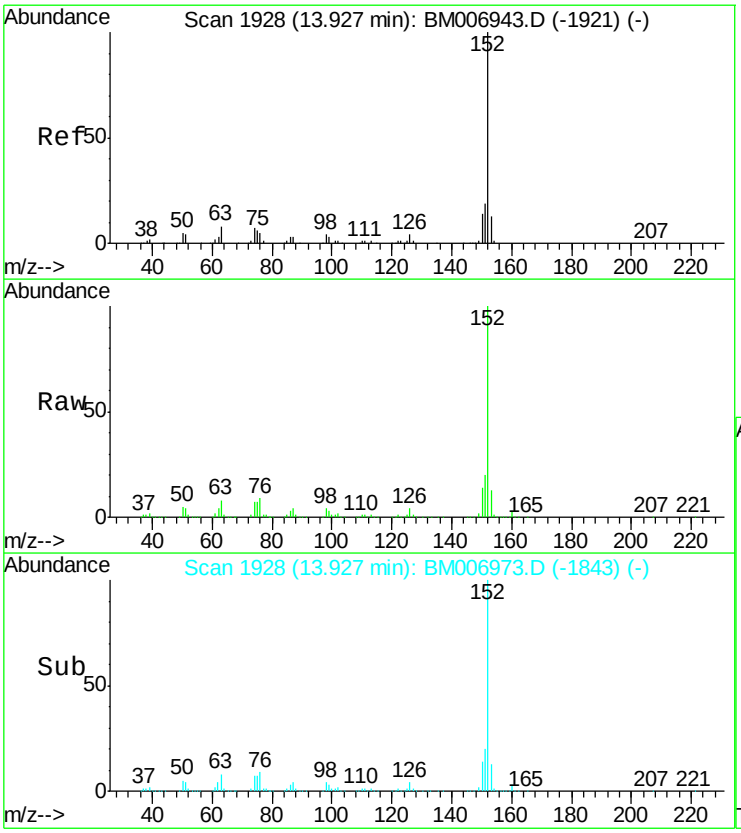
#14
1-Methylnaphthalene
Concen: 19.69 ng/ul
RT: 12.22 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tgt Ion:142 Resp: 854892

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.2	109.8
116	5.7	4.0	6.0

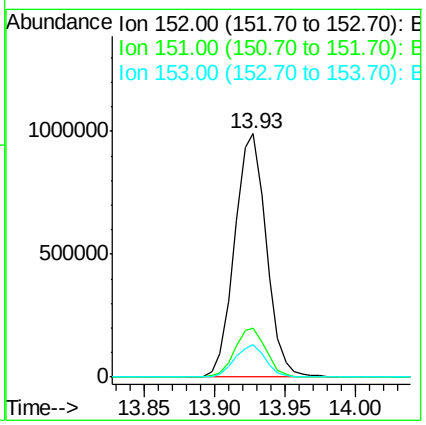


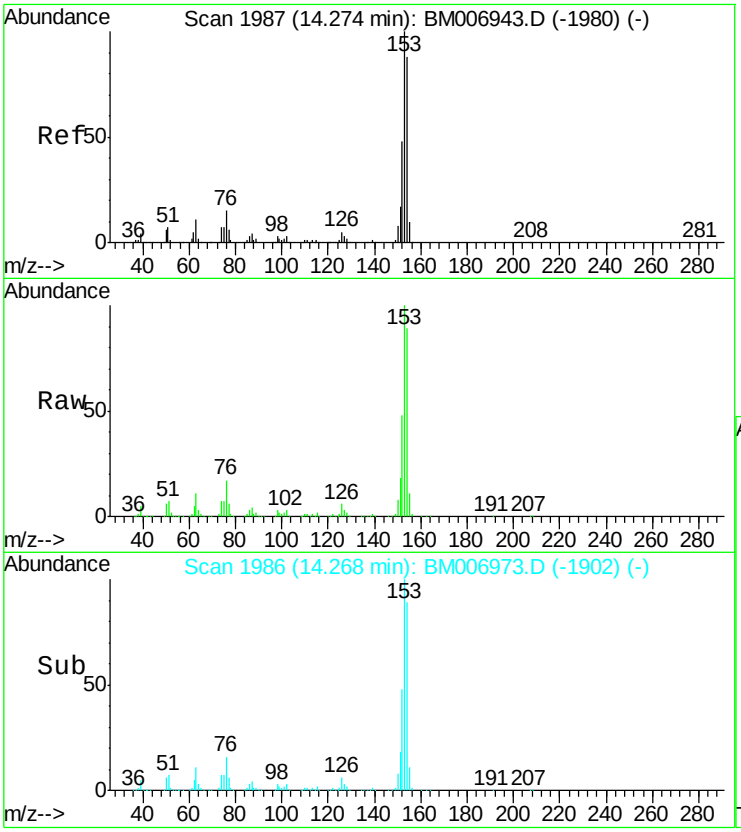


#18
Acenaphthylene
Concen: 20.34 ng/ul
RT: 13.93 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Tgt Ion:152 Resp: 1557666

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.2	10.5	15.7



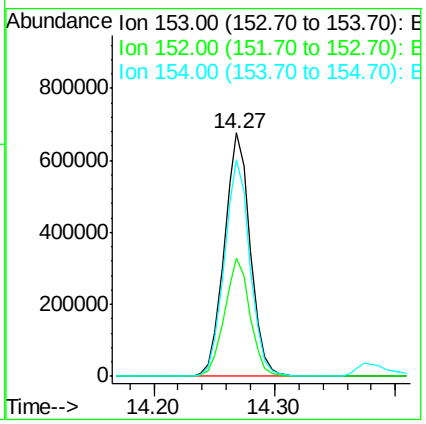


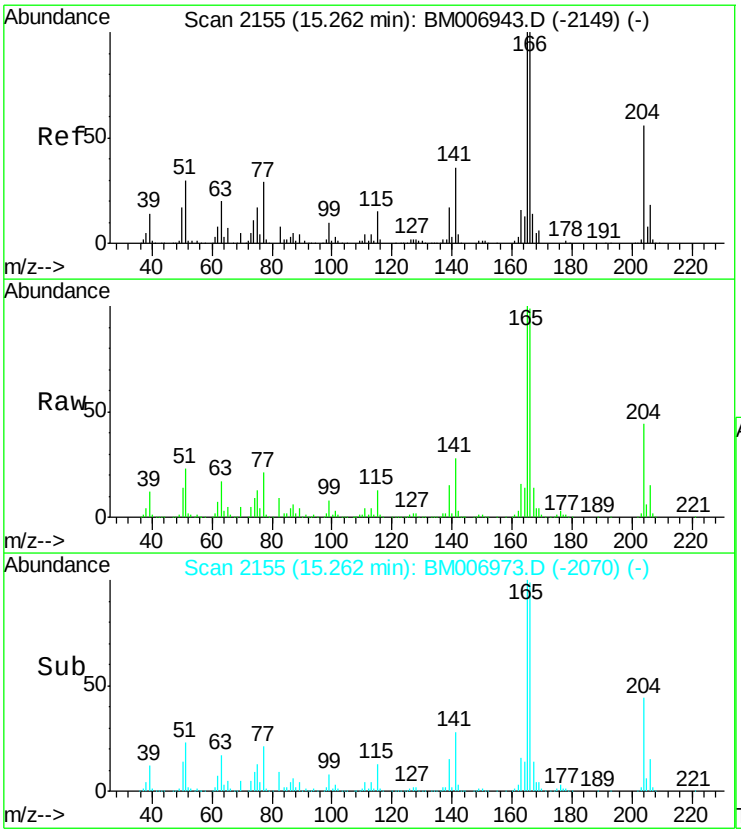
#19
Acenaphthene
Concen: 20.13 ng/ul
RT: 14.27 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tgt Ion:153 Resp: 1005266

Ion	Ratio	Lower	Upper
153	100		
152	48.4	37.0	55.6
154	89.1	69.3	103.9

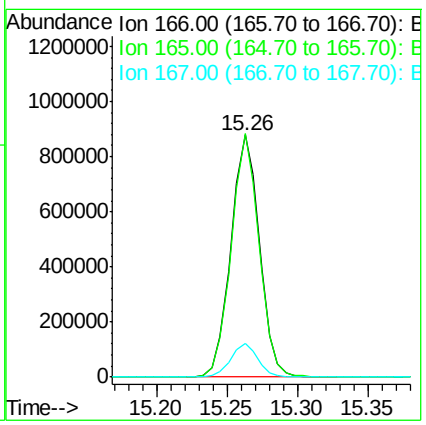


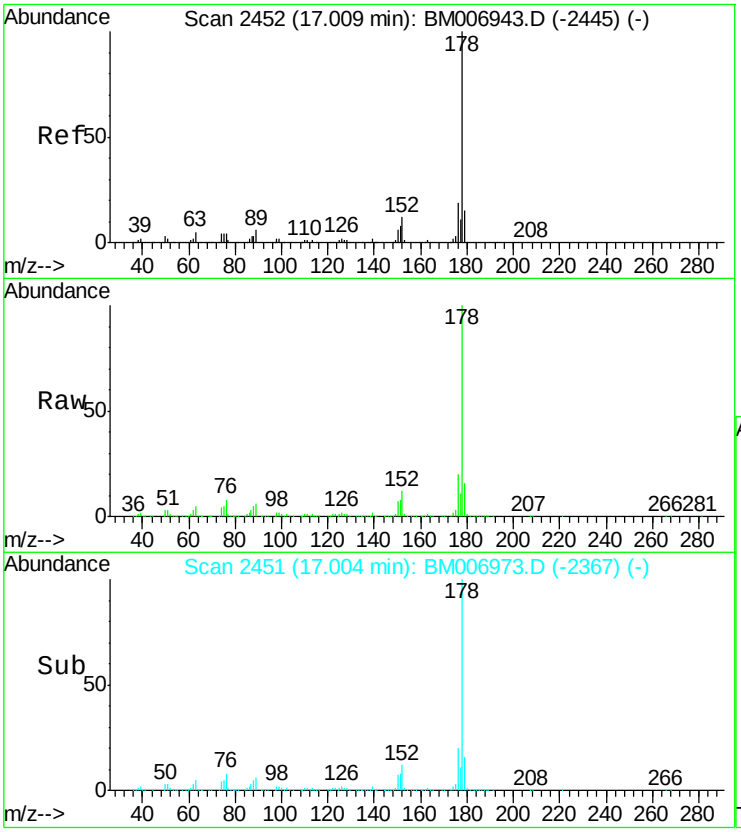


#22
Fluorene
Concen: 19.55 ng/ul
RT: 15.26 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Tgt Ion:166 Resp: 1234304

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.2	117.4
167	14.1	10.7	16.1



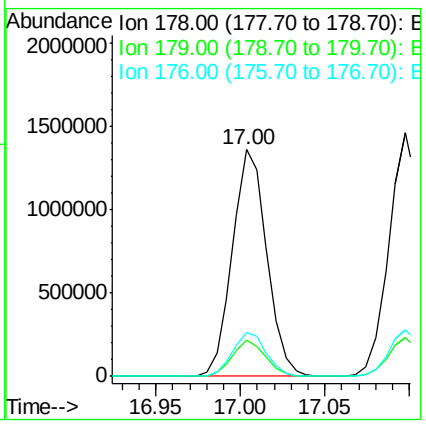


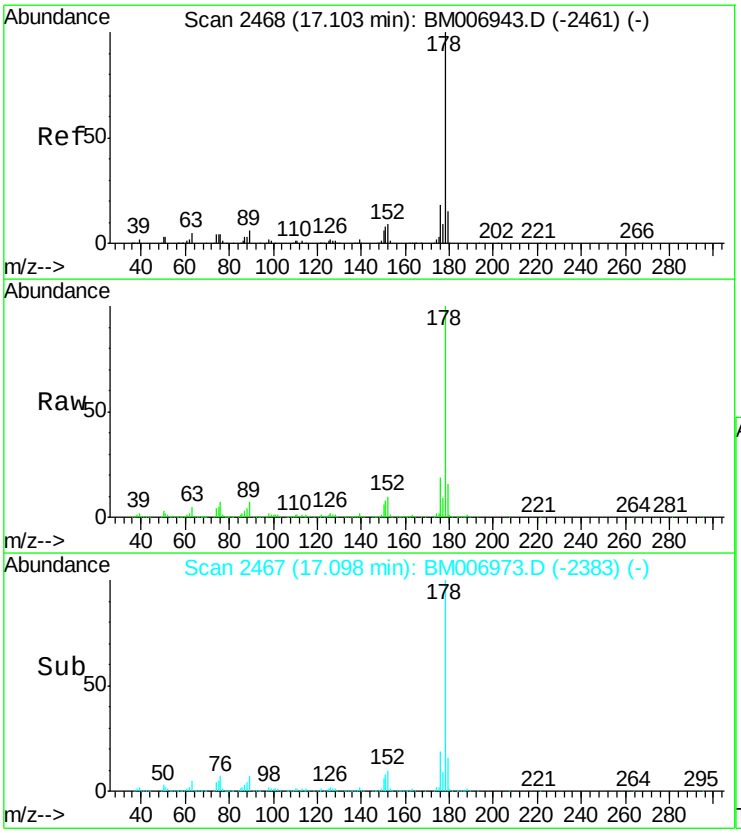
#25
Phenanthrene
Concen: 20.00 ng/ul
RT: 17.00 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tgt Ion:178 Resp: 1923369

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.0	18.0
176	19.5	15.0	22.4

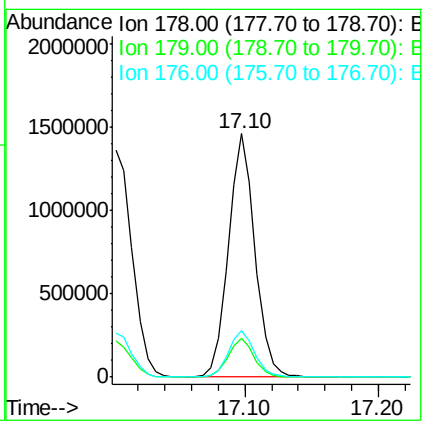


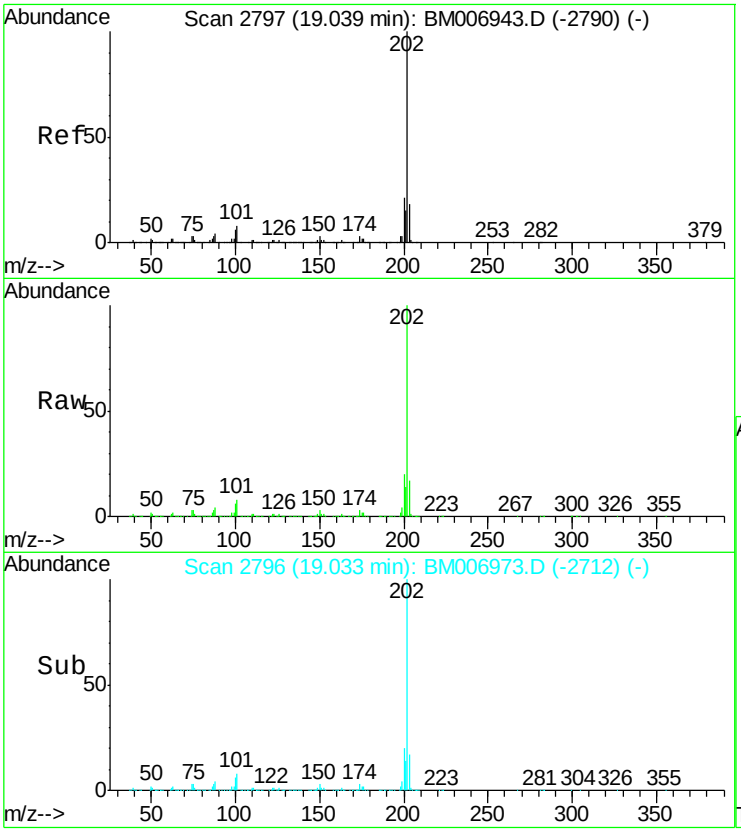


#27
Anthracene
Concen: 19.99 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Tgt Ion:178 Resp: 2012657

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	18.9	15.4	23.0



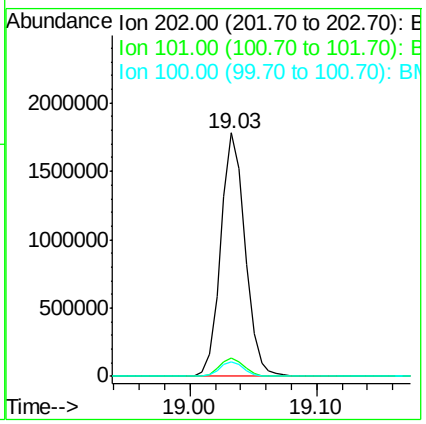


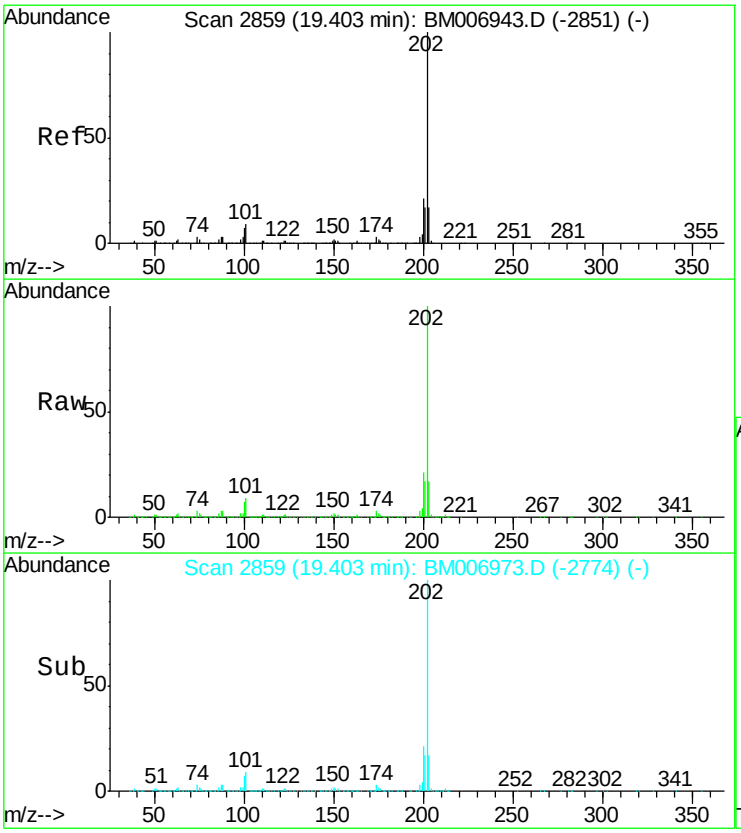
#28
Fluoranthene
Concen: 20.23 ng/ul
RT: 19.03 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tgt Ion:202 Resp: 2367701

Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.6	8.4
100	5.8	4.2	6.4

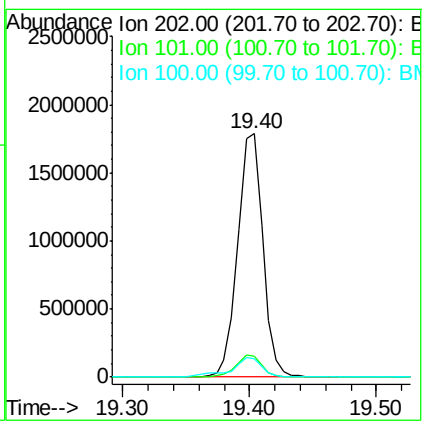


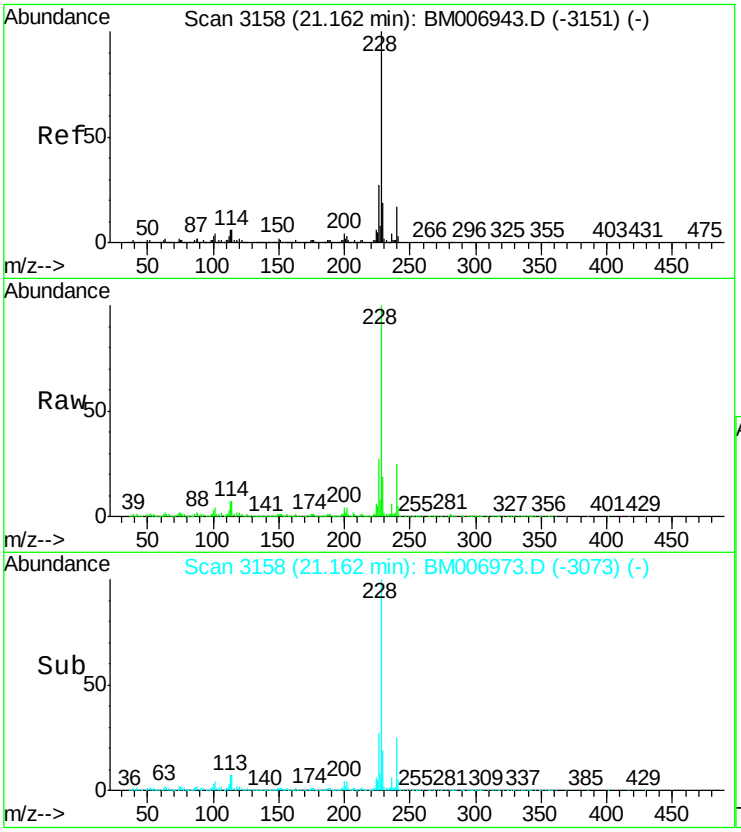


#31
Pyrene
Concen: 20.46 ng/ul
RT: 19.40 min Scan# 2859
Delta R.T. 0.00 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Tgt Ion:202 Resp: 2453695

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.4	9.6
100	7.4	5.4	8.2



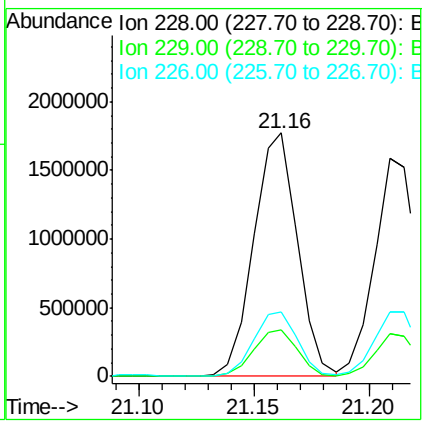


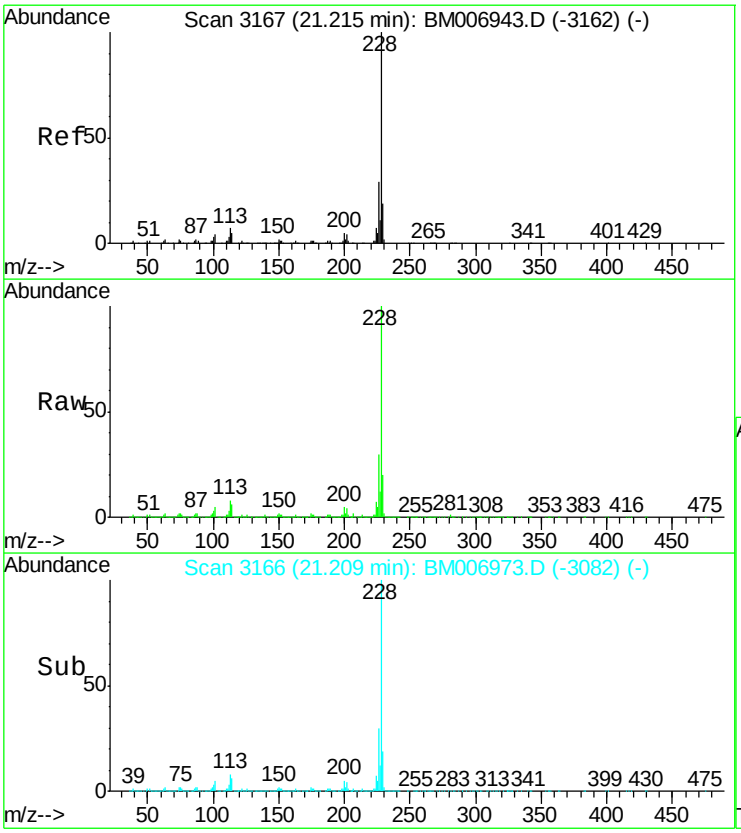
#32
Benzo(a)anthracene
Concen: 20.38 ng/ul
RT: 21.16 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tgt Ion:228 Resp: 2332164

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.2	22.8
226	26.7	21.3	31.9

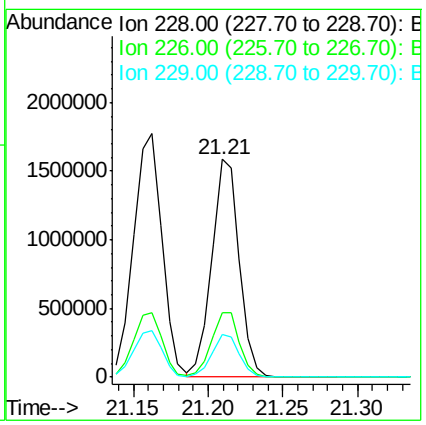


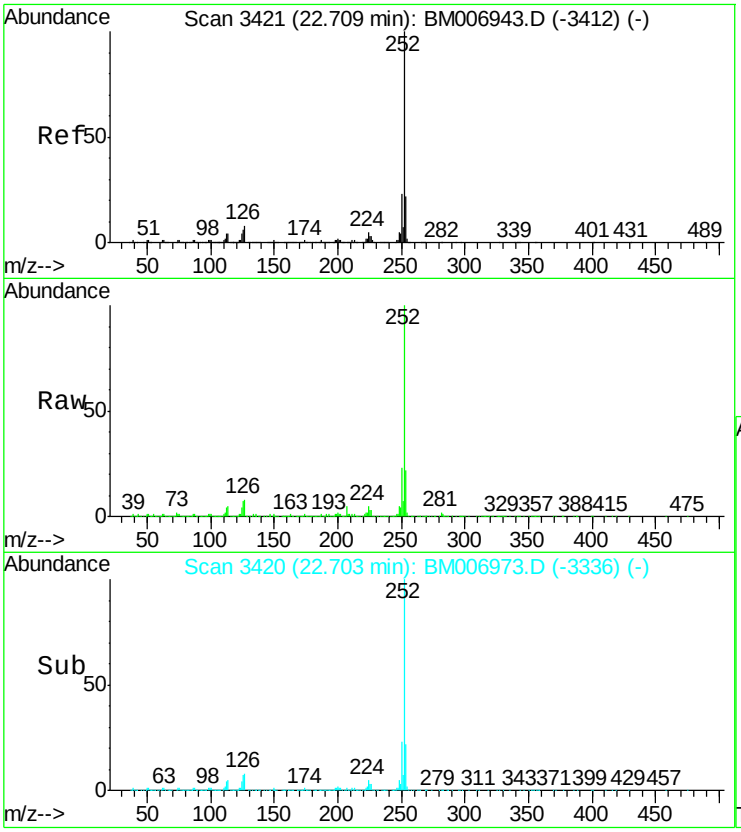


#33
Chrysene
Concen: 20.24 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Tgt Ion:228 Resp: 2039692

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	19.5	15.1	22.7



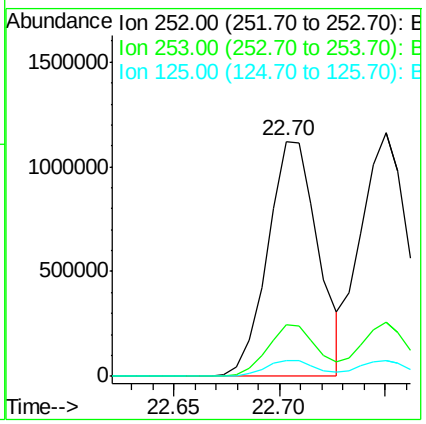


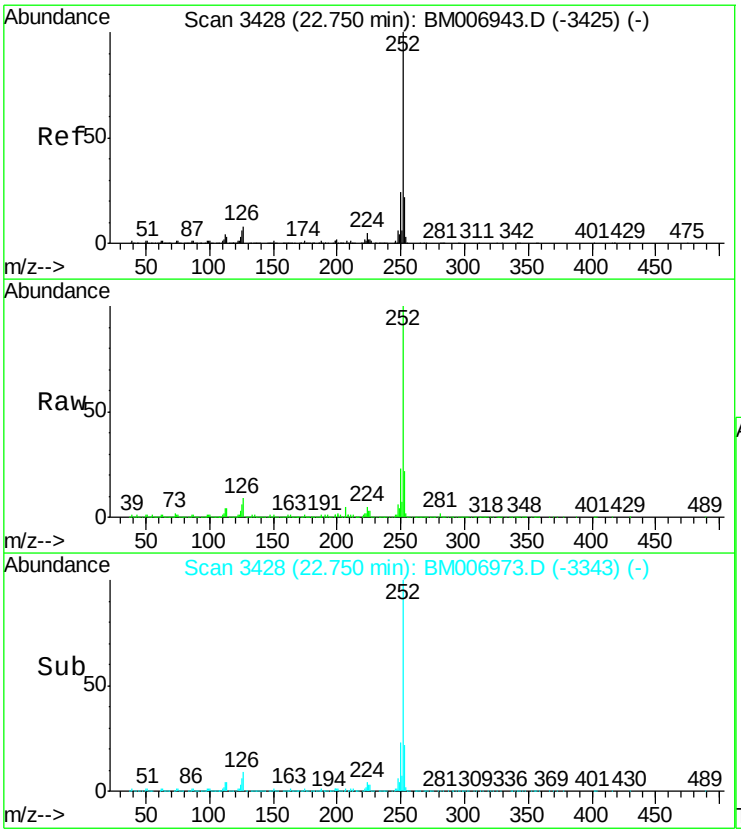
#35
Benzo(b)fluoranthene
Concen: 20.02 ng/ul
RT: 22.70 min Scan# 3420
Delta R.T. -0.01 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tgt Ion:252 Resp: 1864454

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	6.6	5.1	7.7

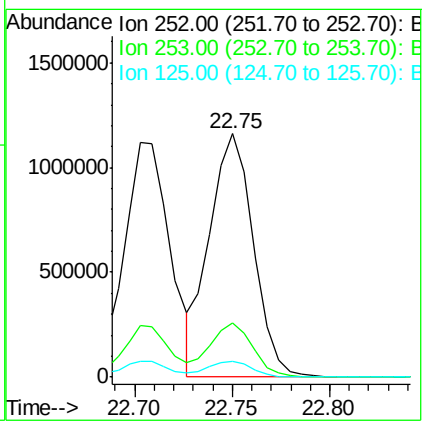


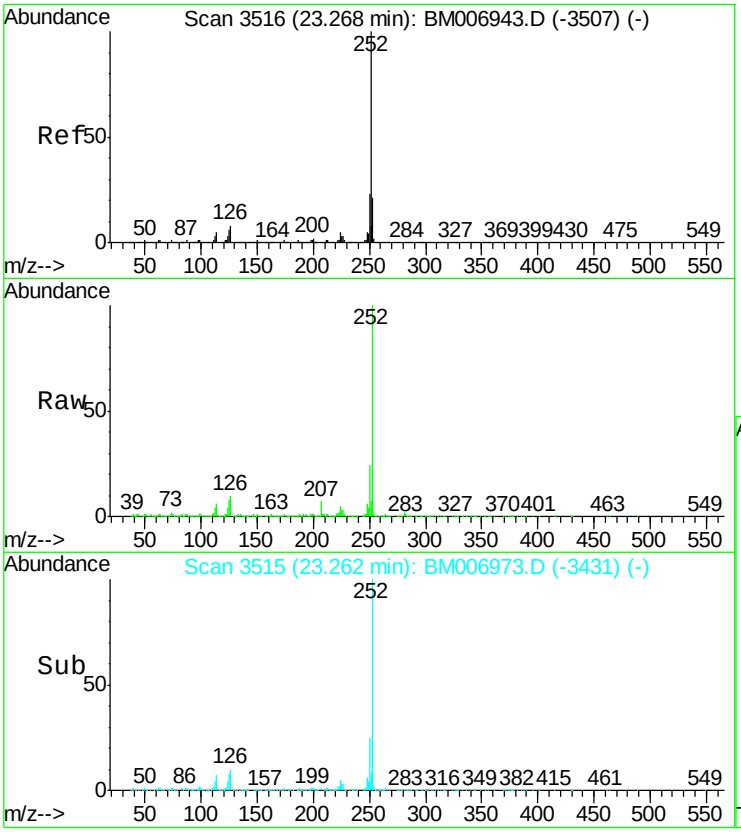


#36
Benzo(k)fluoranthene
Concen: 20.19 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. 0.00 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Tgt Ion:252 Resp: 1816200

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	6.3	5.1	7.7



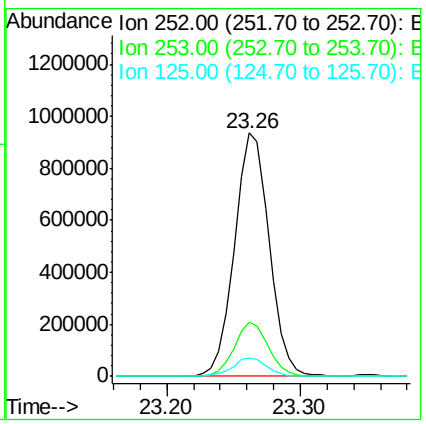


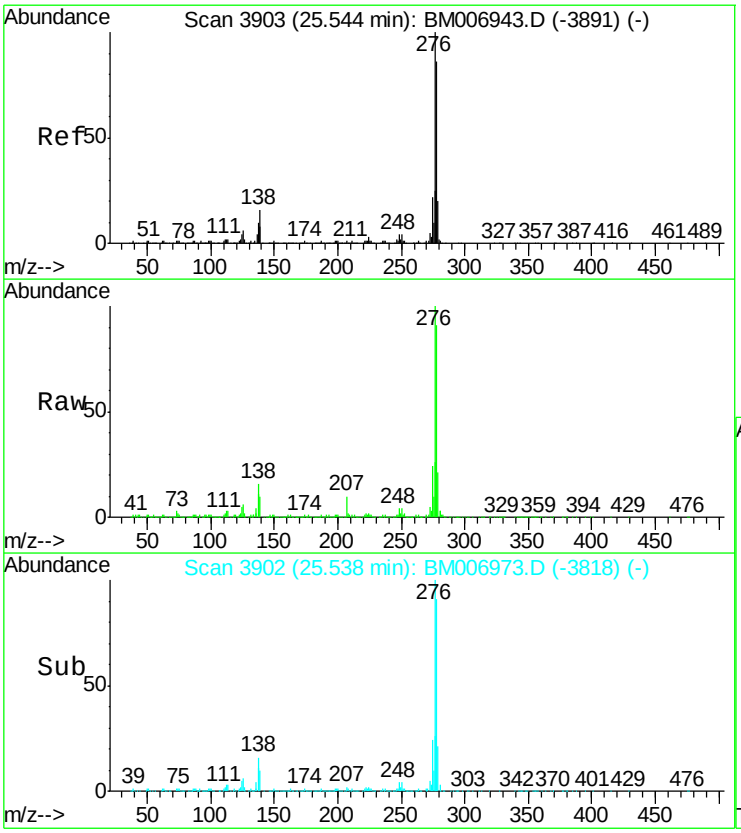
#38
Benzo(a)pyrene
Concen: 19.76 ng/ul
RT: 23.26 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tgt Ion:252 Resp: 1668864

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	7.6	5.6	8.4

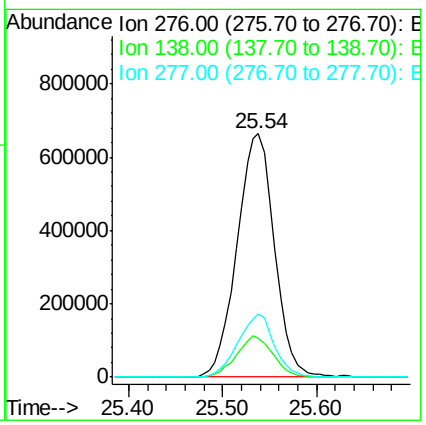


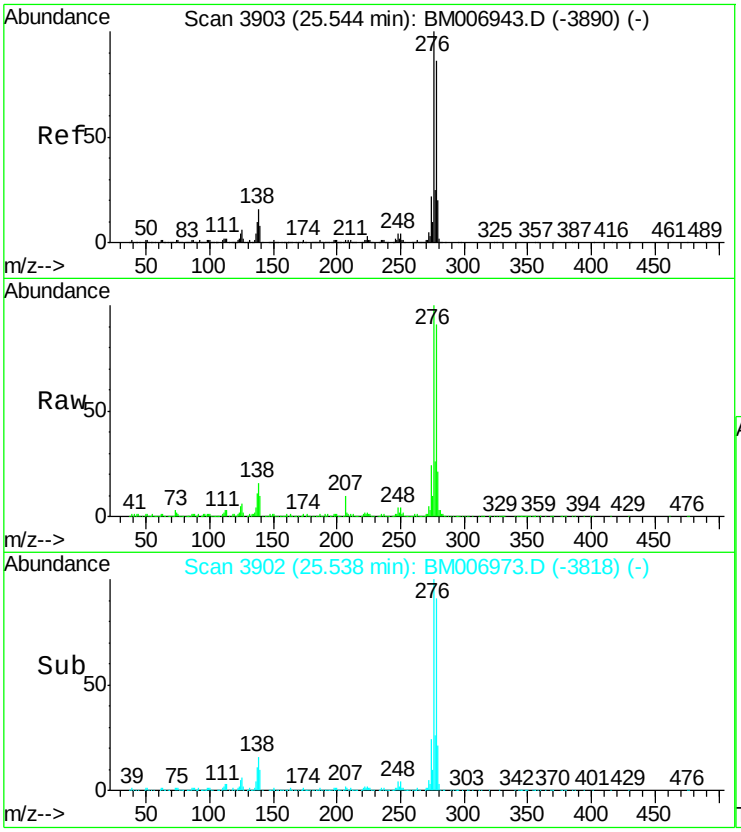


#39
Indeno(1,2,3-cd)pyrene
Concen: 21.34 ng/ul
RT: 25.54 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Tgt Ion:276 Resp: 1828385

Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.6	19.0
277	26.0	20.3	30.5



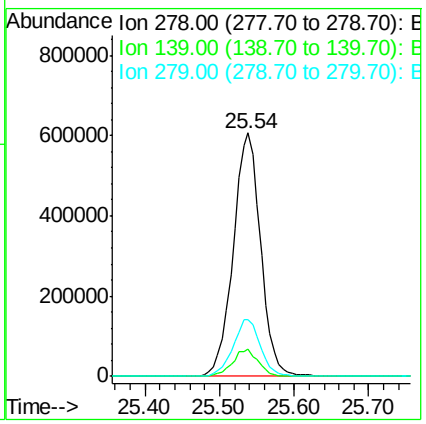


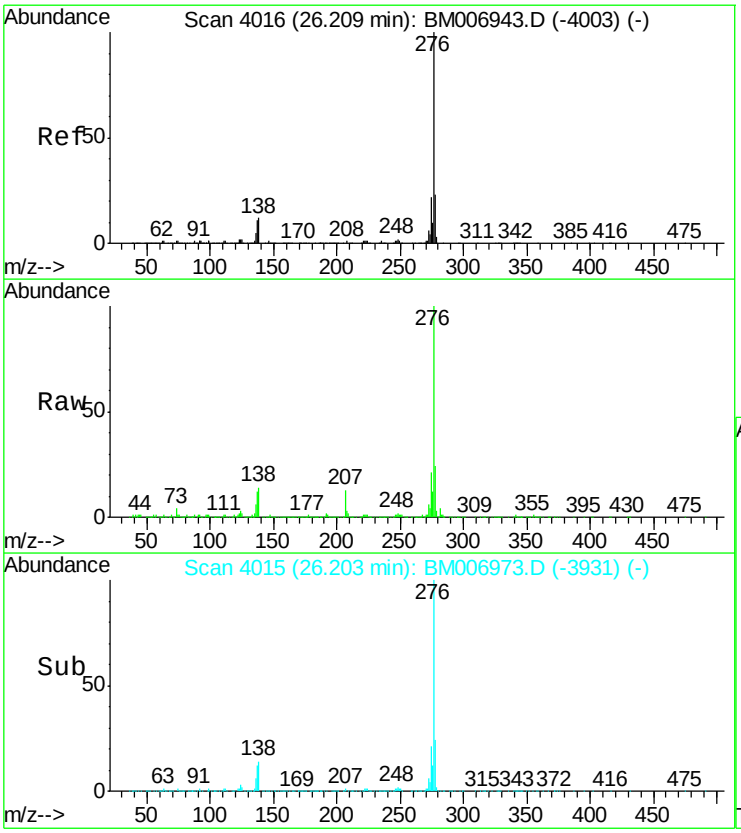
#40
Dibenzo(a,h)anthracene
Concen: 21.36 ng/ul
RT: 25.54 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Tgt Ion:278 Resp: 1540099

Ion	Ratio	Lower	Upper
278	100		
139	11.1	7.5	11.3
279	23.2	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 21.66 ng/ul
RT: 26.20 min Scan# 4015
Delta R.T. -0.01 min
Lab File: BM006973.D
Acq: 07 Aug 2016 12:53

Tgt Ion:276 Resp: 1461177

Ion	Ratio	Lower	Upper
276	100		
138	14.1	10.9	16.3
277	24.0	18.6	27.8