Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
Data File : BM006943.D
Acq On : 06 Aug 2016 18:21
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02022

Quant Time: Aug 08 03:47:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 03:42:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	189257	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	958089	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.21	164	653360	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.97	188	1610258	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1666332	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1234930	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.09	96	33681	8.13	ng/uL	0.00
3) Phenol-d5	6.77	99	361730	20.16	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	232599	20.67	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	272201	21.25	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	303917	20.29	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	144352	20.29	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	174245	20.45	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.97	165	335480	20.76	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	418373	21.69	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1164684	20.26	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1363519	20.50	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	136094	16.32	ng/ul	0.00
21) Fluorene-d10	15.21	176	981055	20.07	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	122012	18.35	ng/ul	0.00
26) Anthracene-d10	17.07	188	1546316	19.88	ng/ul	0.00
30) Pyrene-d10	19.37	212	1712559	21.56	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.22	264	1181092	20.08	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.37	128	985814	20.04	ng/ul	98
13) 2-Methylnaphthalene	12.00	142	805195	20.45	ng/ul	95
14) 1-Methylnaphthalene	12.22	142	765081	20.21	ng/ul	99
18) Acenaphthylene	13.93	152	1425291	20.42	ng/ul	99
19) Acenaphthene	14.27	153	921614	20.26	ng/ul	98
22) Fluorene	15.26	166	1151979	20.02	ng/ul	98
25) Phenanthrene	17.01	178	1809716	20.09	ng/ul	99
27) Anthracene	17.10	178	1887436	20.02	ng/ul	97
28) Fluoranthene	19.04	202	2173547	19.84	ng/ul	98
31) Pyrene	19.40	202	2226496	21.50	ng/ul	98
32) Benzo(a)anthracene	21.16	228	1992796	20.16	ng/ul	99
33) Chrysene	21.21	228	1754577	20.16	ng/ul	99
35) Benzo(b)fluoranthene	22.71	252	1636154	20.30	ng/ul	99
36) Benzo(k)fluoranthene	22.75	252	1511144	19.42	ng/ul	100
38) Benzo(a)pyrene	23.27	252	1455360	19.92	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.54	276	1585711	21.39	ng/ul	99
40) Dibenzo(a,h)anthracene	25.54	278	1322146	21.19	ng/ul	100
41) Benzo(g,h,i)perylene	26.21	276	1284139	22.00	ng/ul	98

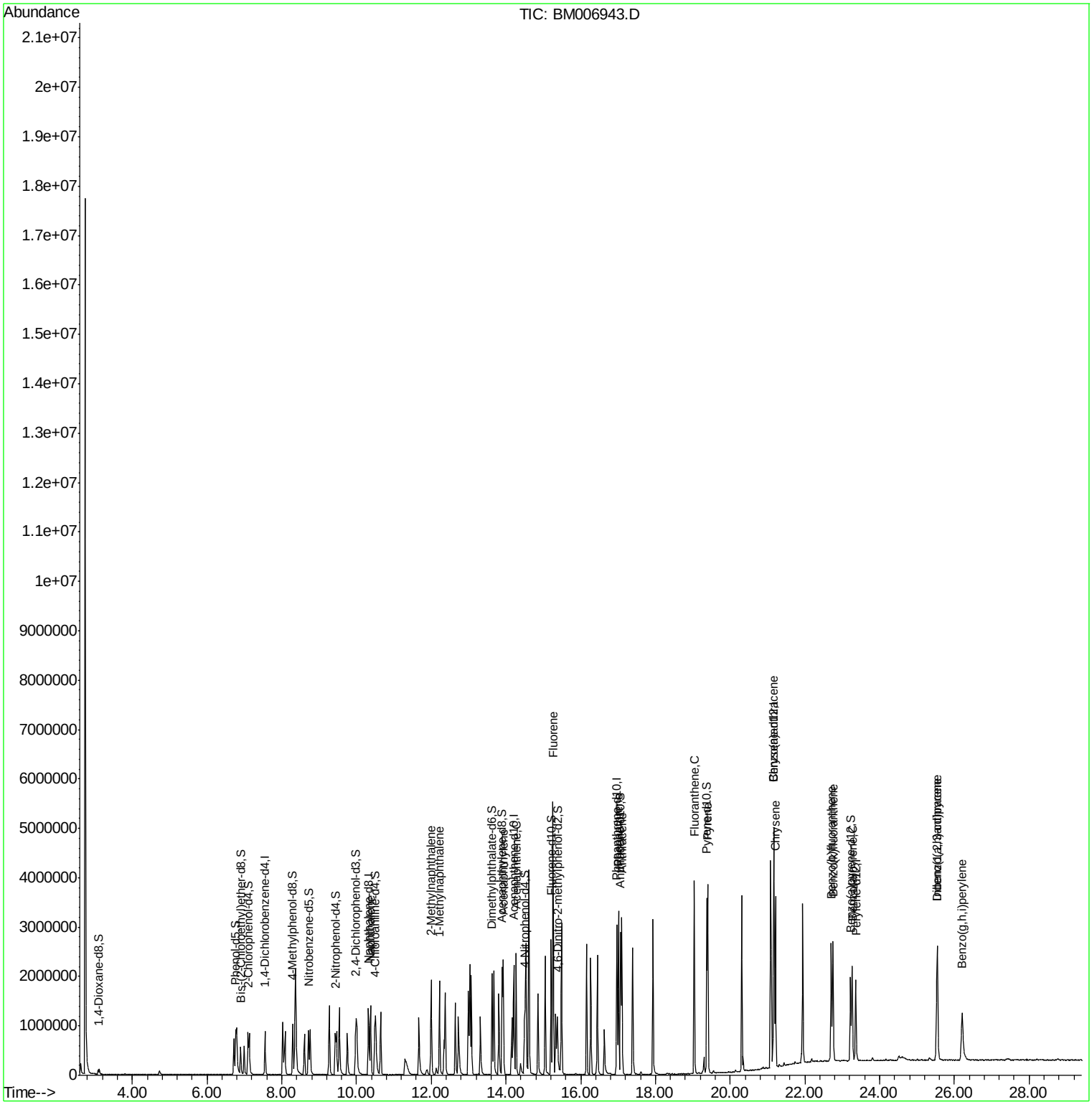
(#) = qualifier out of range (m) = manual integration (+) = signals summed

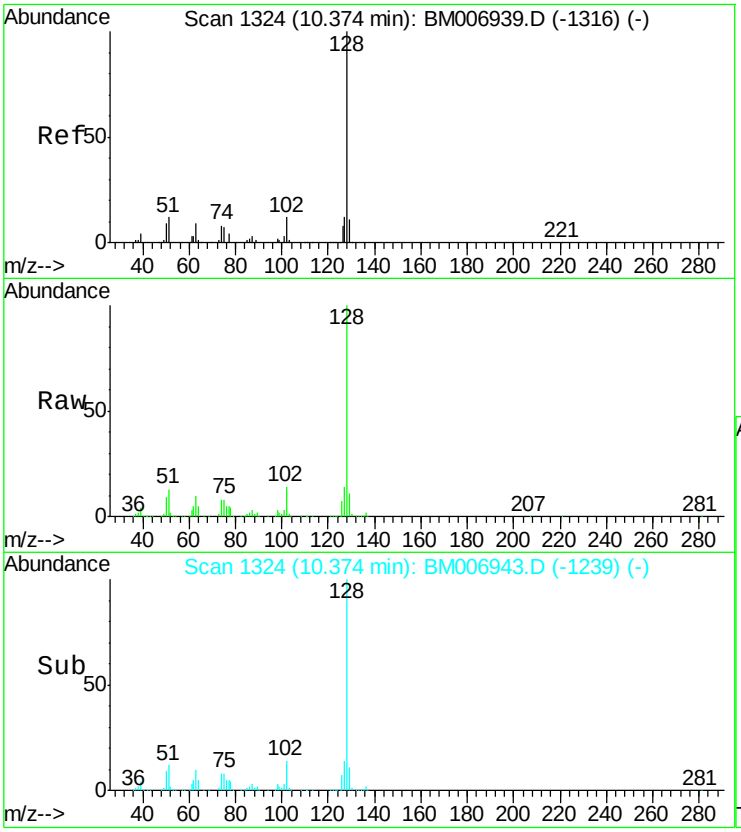
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
Data File : BM006943.D
Acq On : 06 Aug 2016 18:21
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02022

Quant Time: Aug 08 03:47:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 03:42:26 2016
Response via : Initial Calibration



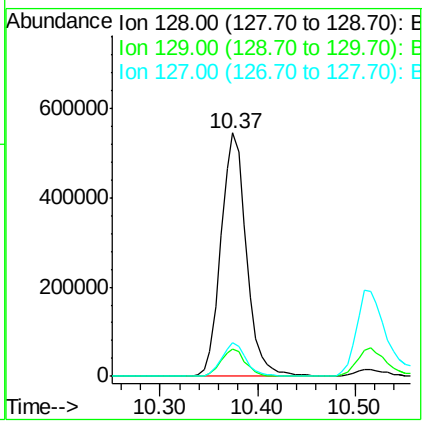


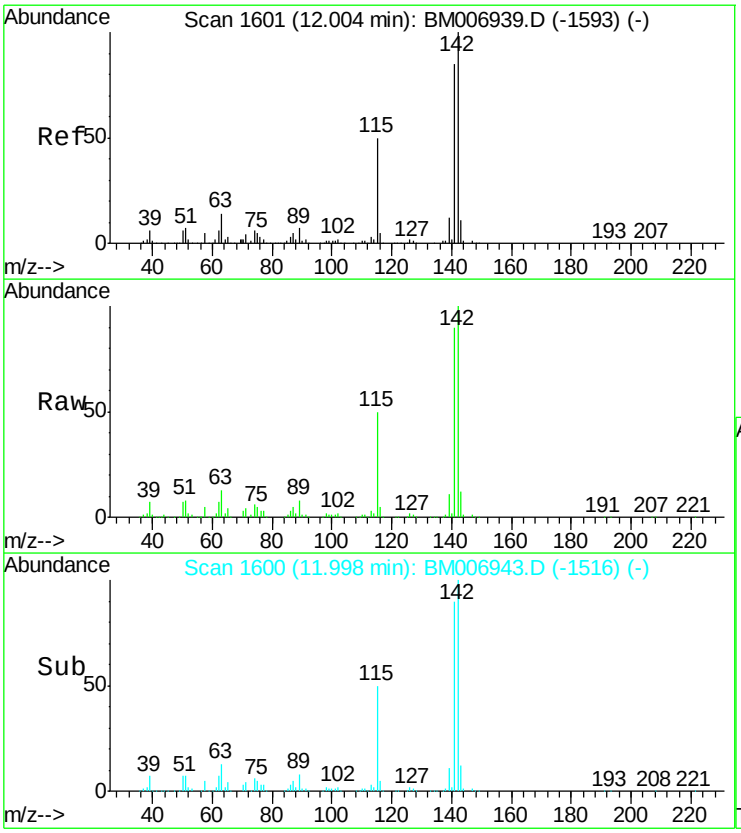
#11
Naphthalene
Concen: 20.04 ng/ul
RT: 10.37 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Instrument :
BNA_M
ClientSampleId :
SSTD02022

Tgt Ion:128 Resp: 985814

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.6	9.8	14.8

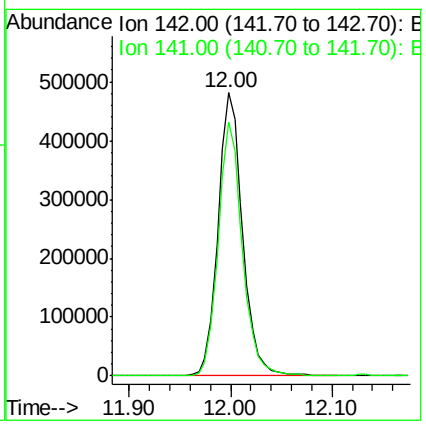


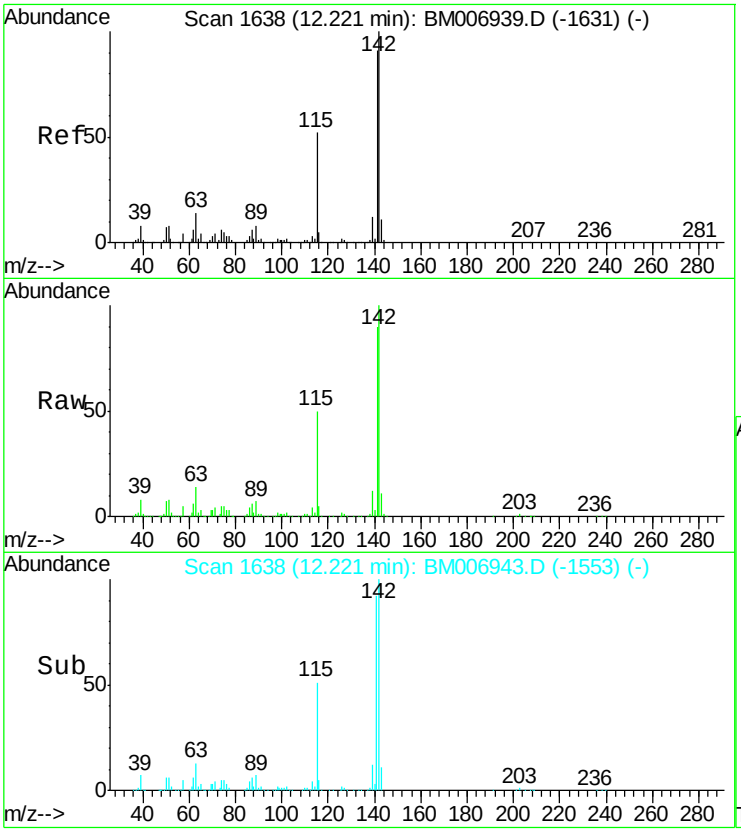


#13
2-Methylnaphthalene
Concen: 20.45 ng/ul
RT: 12.00 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Tgt Ion:142 Resp: 805195

Ion	Ratio	Lower	Upper
142	100		
141	89.9	68.2	102.2



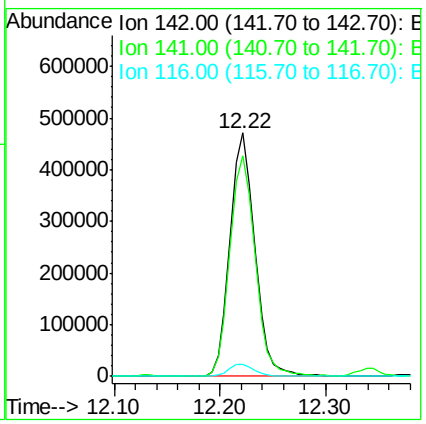


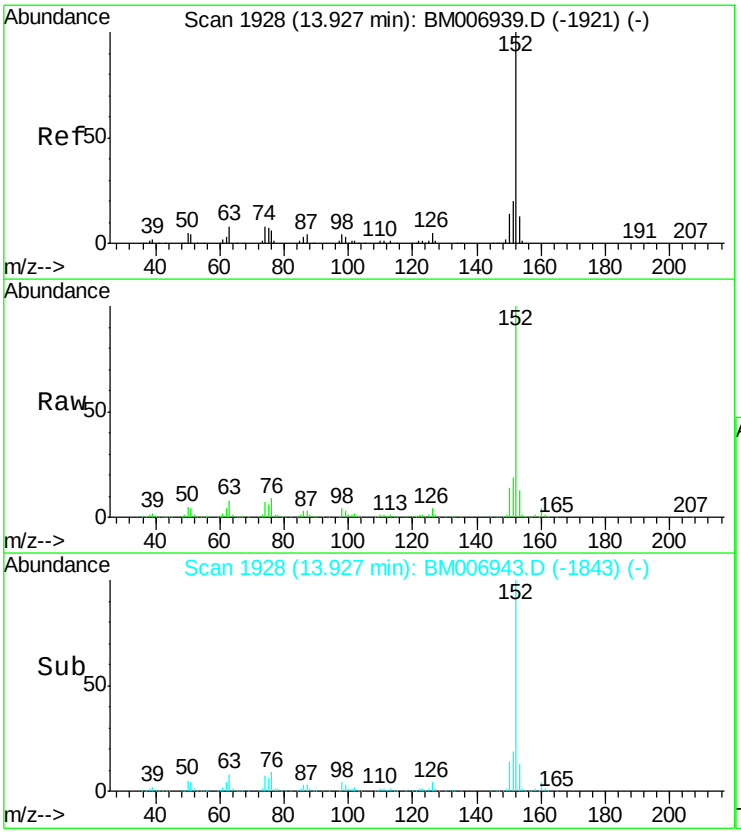
#14
1-Methylnaphthalene
Concen: 20.21 ng/ul
RT: 12.22 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Instrument :
BNA_M
ClientSampleId :
SSTD02022

Tgt Ion:142 Resp: 765081

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.2	109.8
116	5.0	4.0	6.0

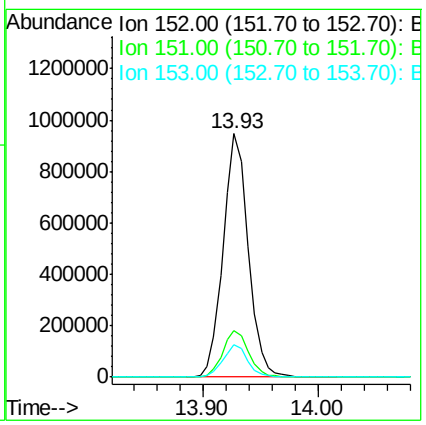


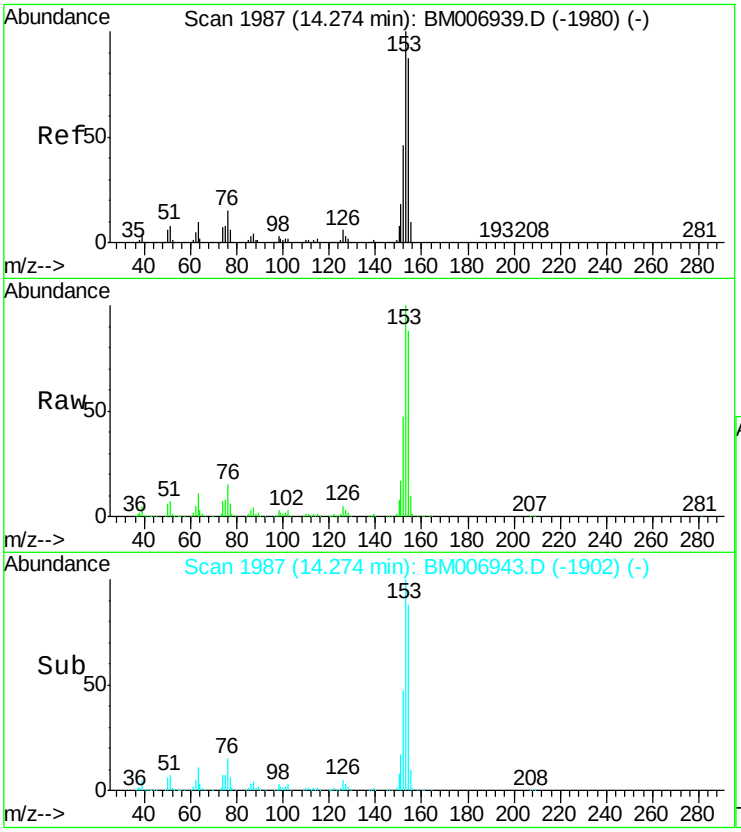


#18
Acenaphthylene
Concen: 20.42 ng/ul
RT: 13.93 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Tgt Ion:152 Resp: 1425291

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.3	10.5	15.7



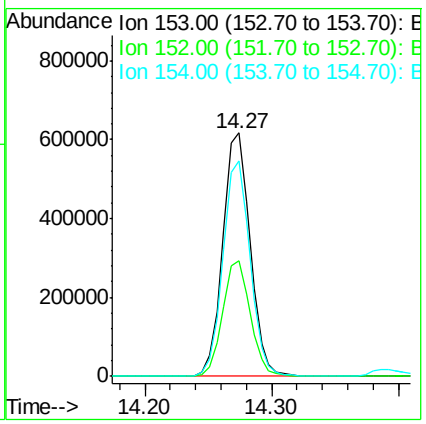


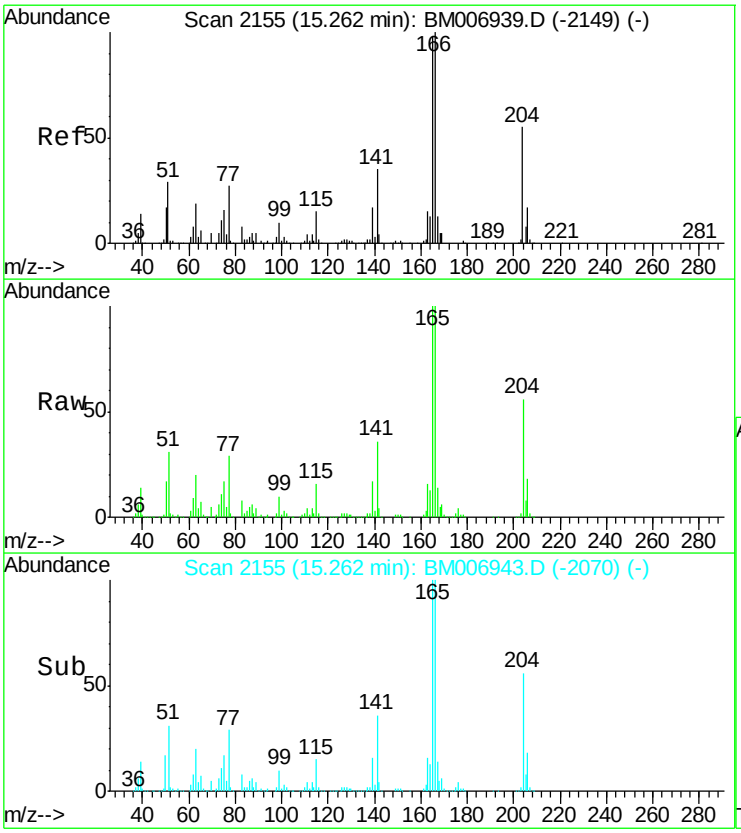
#19
Acenaphthene
Concen: 20.26 ng/ul
RT: 14.27 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Instrument :
BNA_M
ClientSampleId :
SSTD02022

Tgt Ion:153 Resp: 921614

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.0	55.6
154	88.4	69.3	103.9

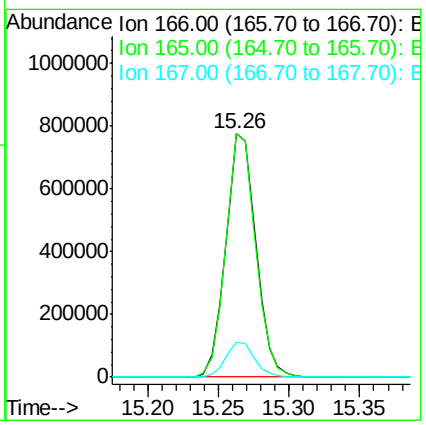


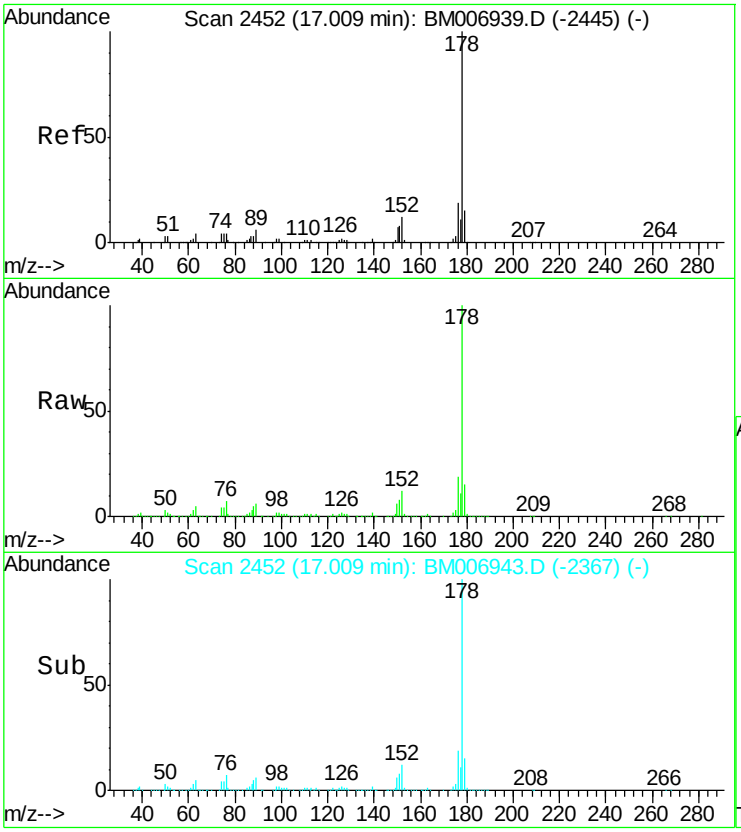


#22
Fluorene
Concen: 20.02 ng/ul
RT: 15.26 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Tgt Ion:166 Resp: 1151979

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.2	117.4
167	14.3	10.7	16.1



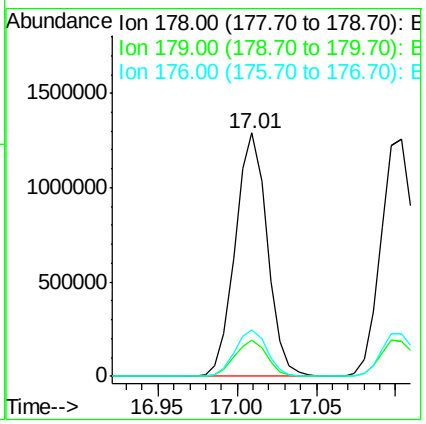


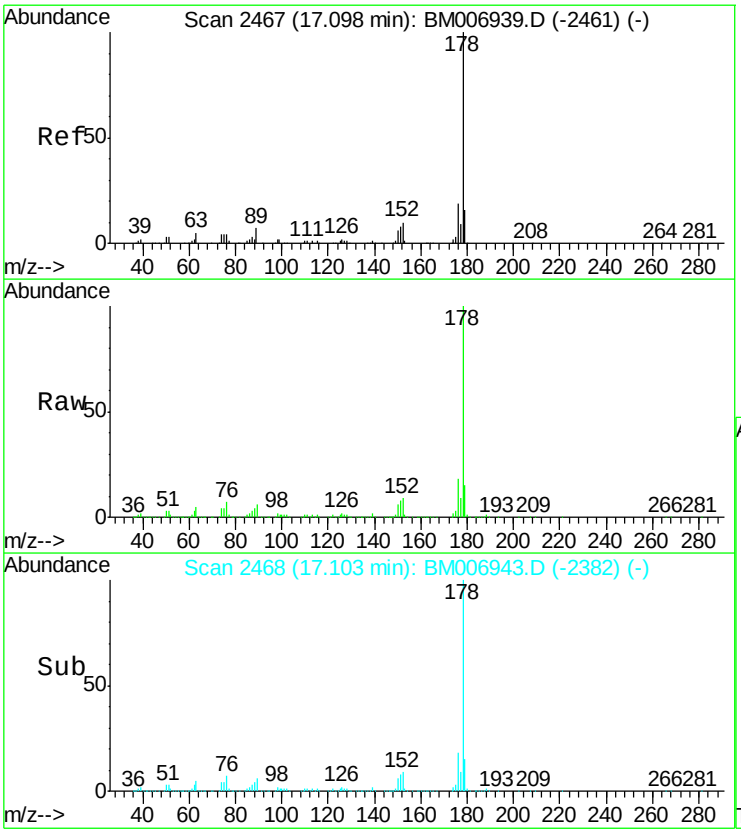
#25
Phenanthrene
Concen: 20.09 ng/ul
RT: 17.01 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Instrument :
BNA_M
ClientSampleId :
SSTD02022

Tgt Ion:178 Resp: 1809716

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.0	18.0
176	19.3	15.0	22.4

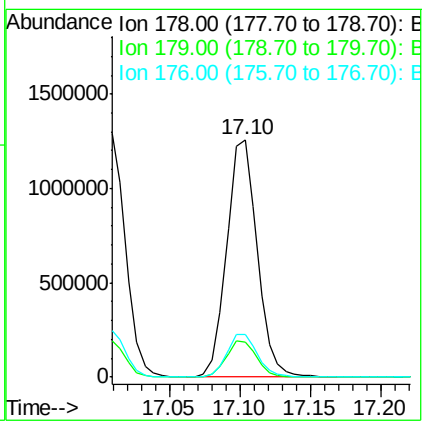


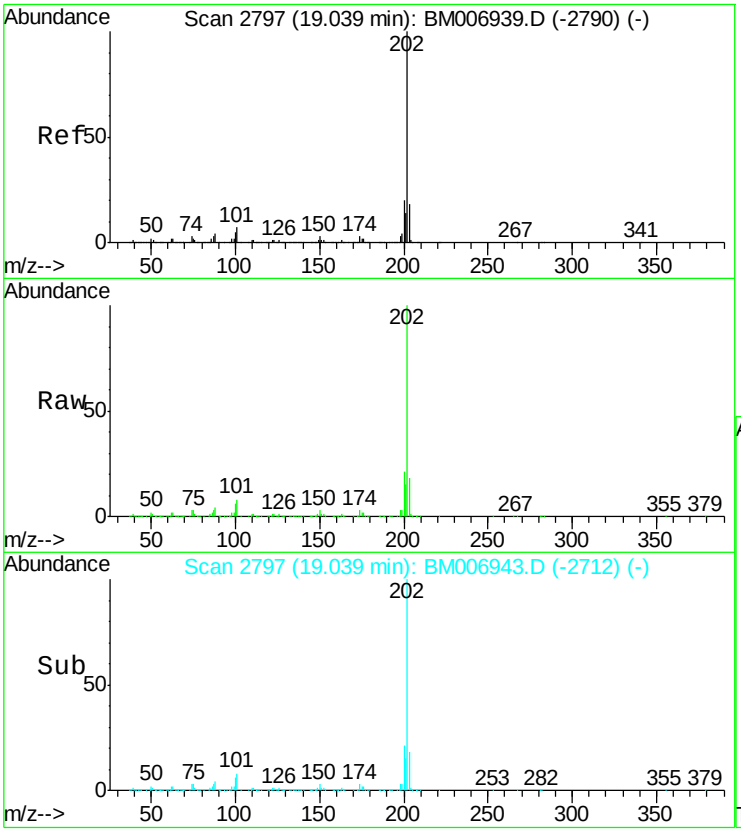


#27
Anthracene
Concen: 20.02 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Tgt Ion:178 Resp: 1887436

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.5	18.7
176	18.0	15.4	23.0



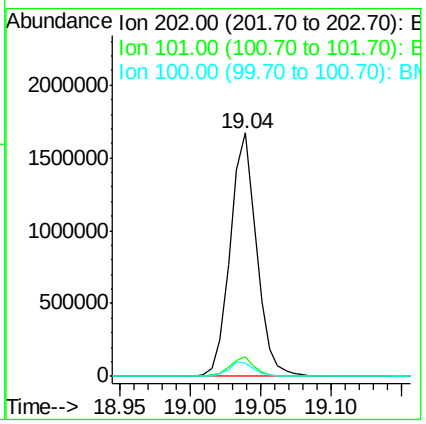


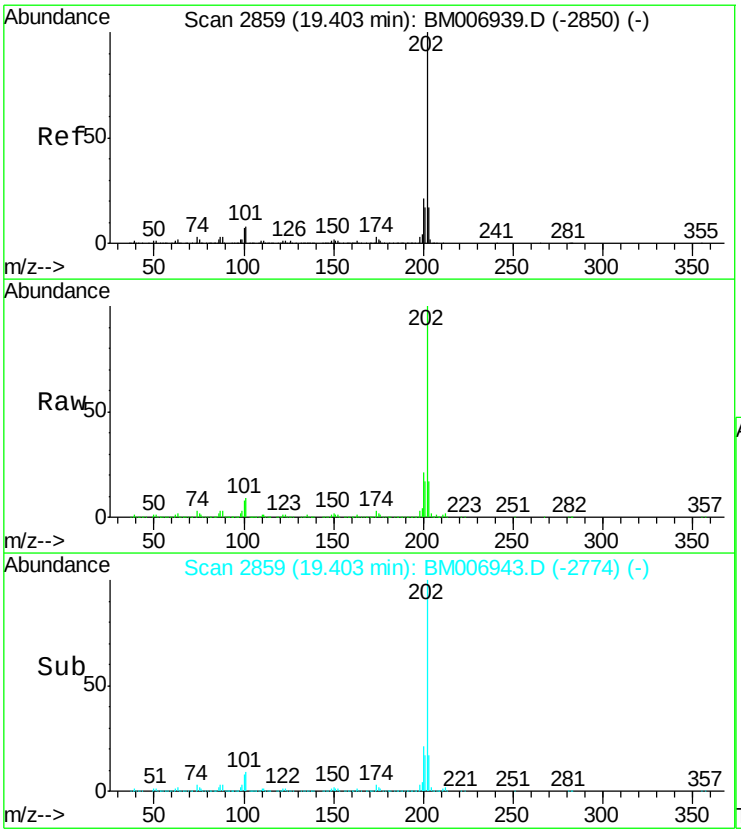
#28
Fluoranthene
Concen: 19.84 ng/ul
RT: 19.04 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Instrument :
BNA_M
ClientSampleId :
SSTD02022

Tgt Ion:202 Resp: 2173547

Ion	Ratio	Lower	Upper
202	100		
101	7.9	5.6	8.4
100	5.6	4.2	6.4

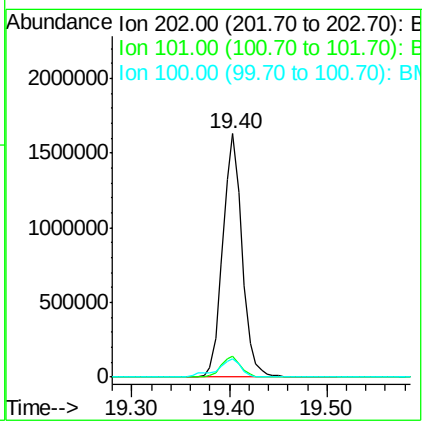


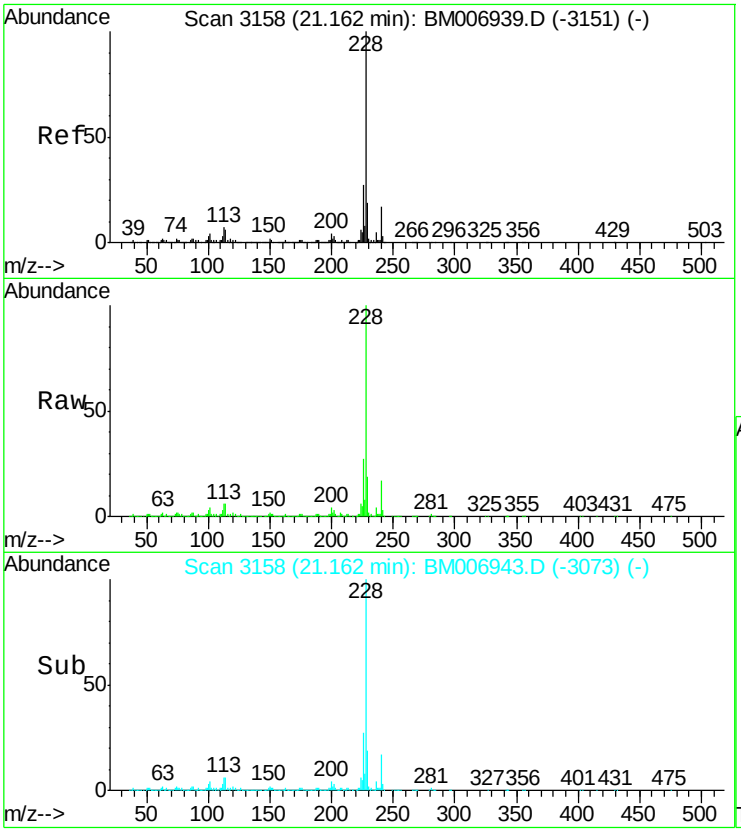


#31
Pyrene
Concen: 21.50 ng/ul
RT: 19.40 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Tgt Ion:202 Resp: 2226496

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.4	9.6
100	7.5	5.4	8.2



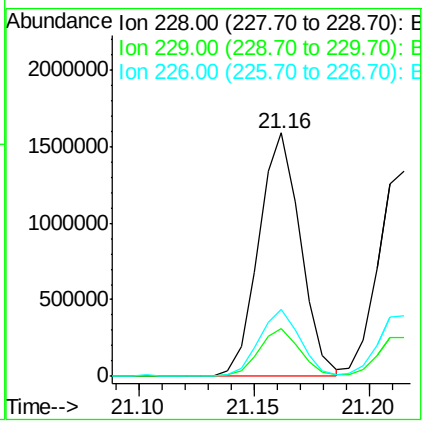


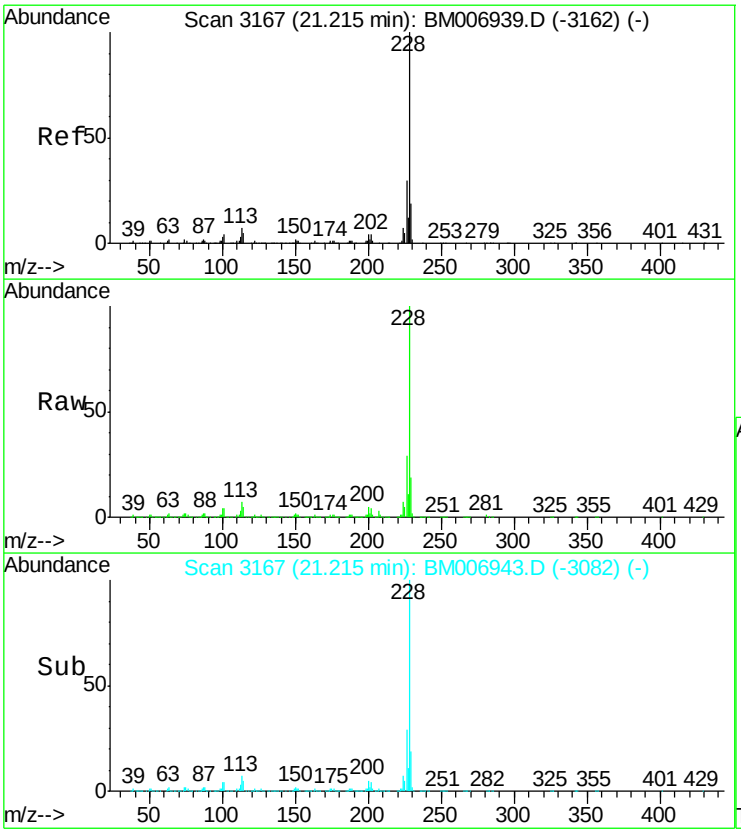
#32
Benzo(a)anthracene
Concen: 20.16 ng/ul
RT: 21.16 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Instrument :
BNA_M
ClientSampleId :
SSTD02022

Tgt Ion:228 Resp: 1992796

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.2	22.8
226	27.3	21.3	31.9

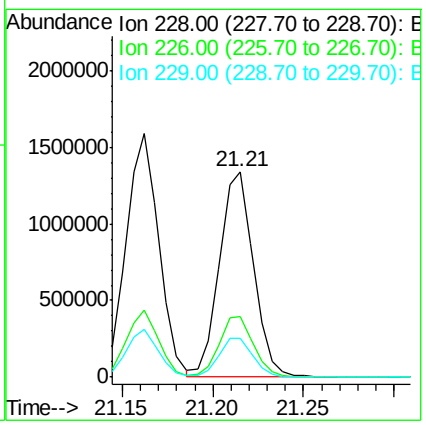


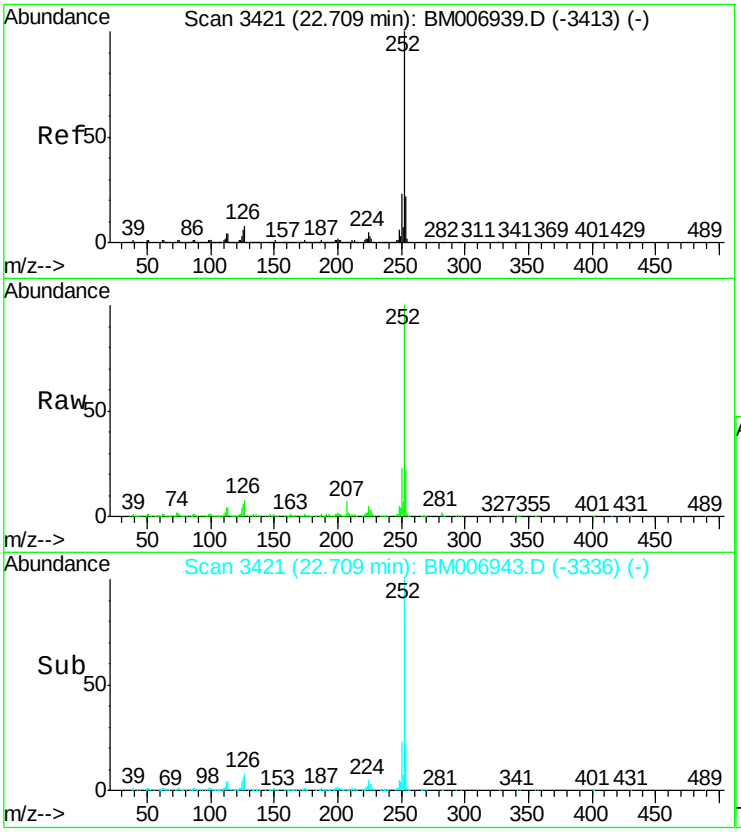


#33
Chrysene
Concen: 20.16 ng/ul
RT: 21.21 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Tgt Ion:228 Resp: 1754577

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.6
229	18.9	15.1	22.7



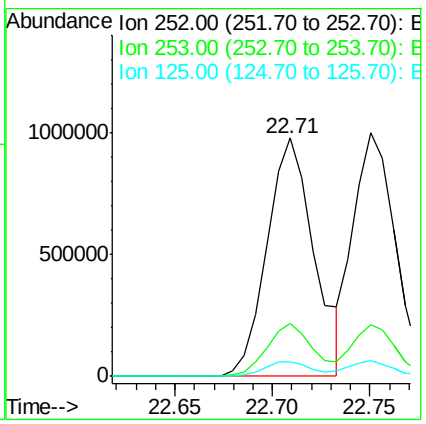


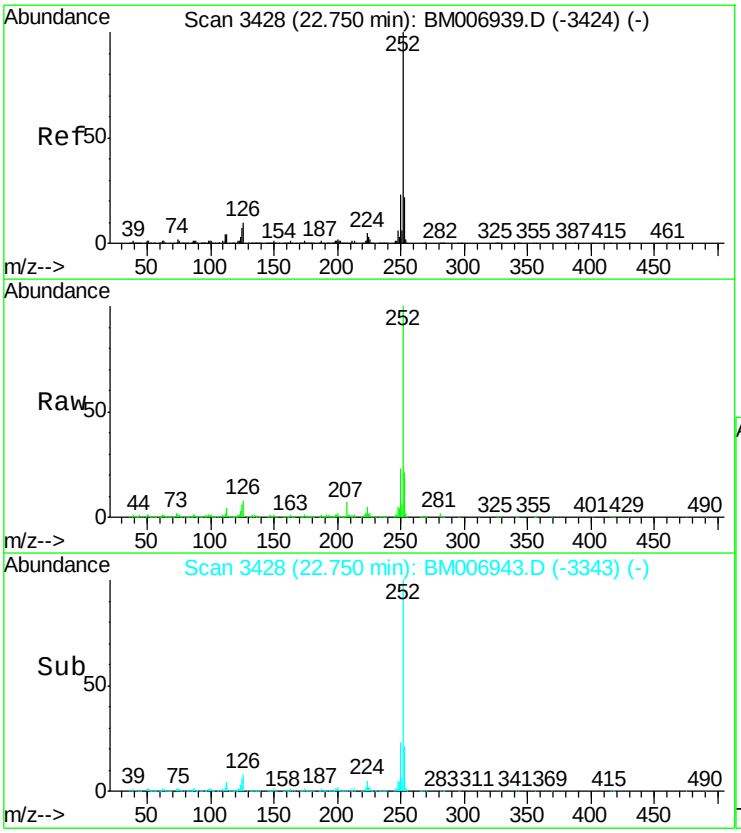
#35
Benzo(b)fluoranthene
Concen: 20.30 ng/ul
RT: 22.71 min Scan# 3421
Delta R.T. -0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Instrument :
BNA_M
ClientSampleId :
SSTD02022

Tgt Ion:252 Resp: 1636154

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	5.8	5.1	7.7

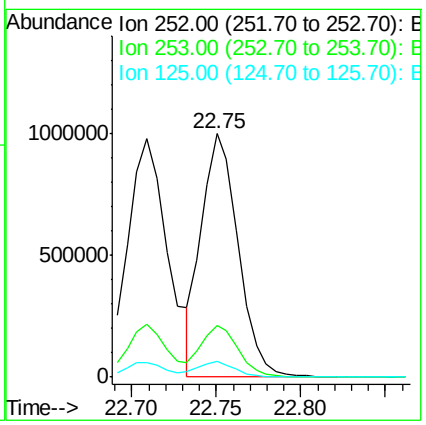


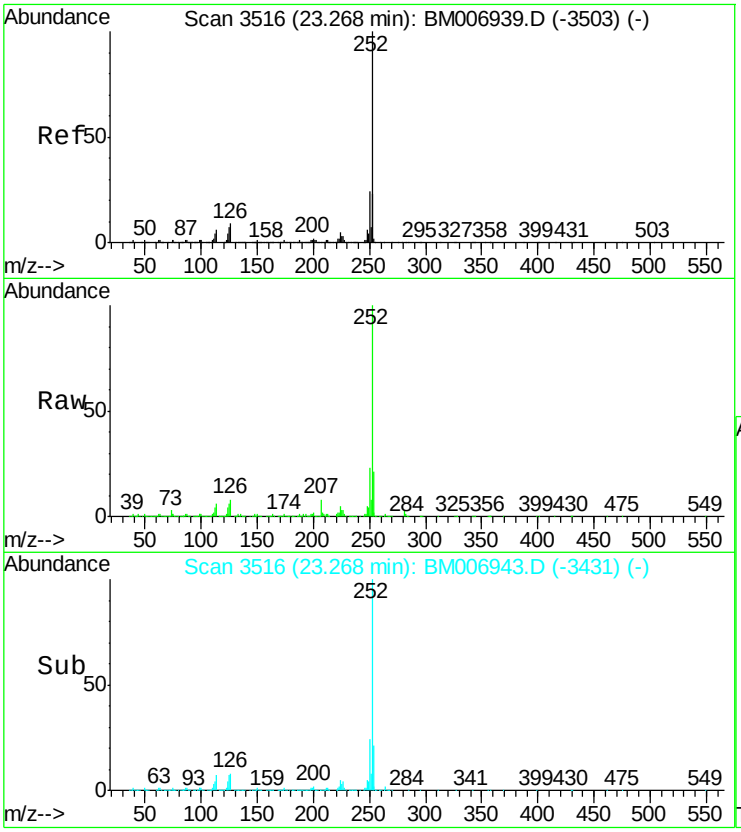


#36
Benzo(k)fluoranthene
Concen: 19.42 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Tgt Ion:252 Resp: 1511144

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	6.3	5.1	7.7



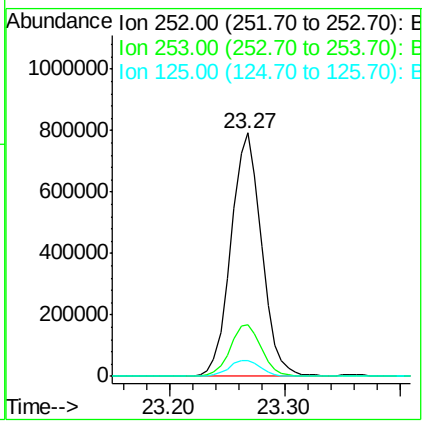


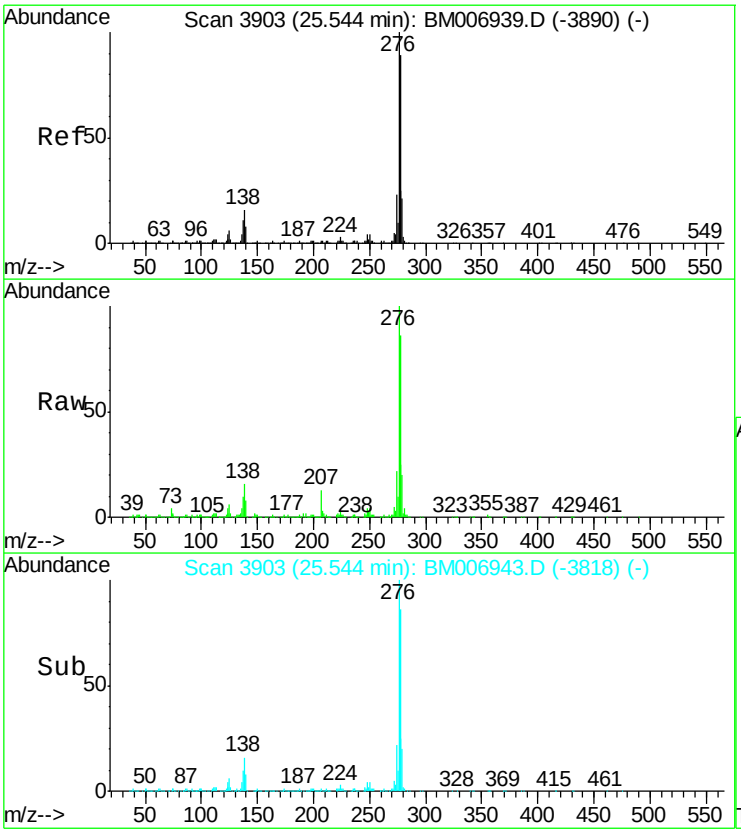
#38
Benzo(a)pyrene
Concen: 19.92 ng/ul
RT: 23.27 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Instrument :
BNA_M
ClientSampleId :
SSTD02022

Tgt Ion:252 Resp: 1455360

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	6.4	5.6	8.4

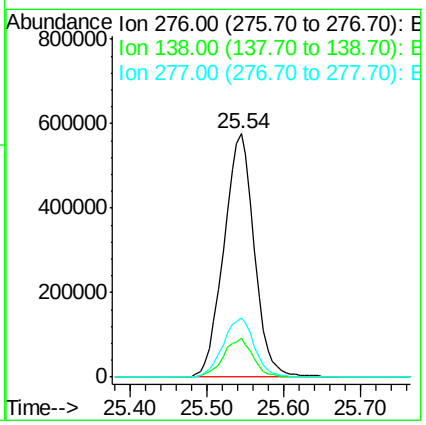


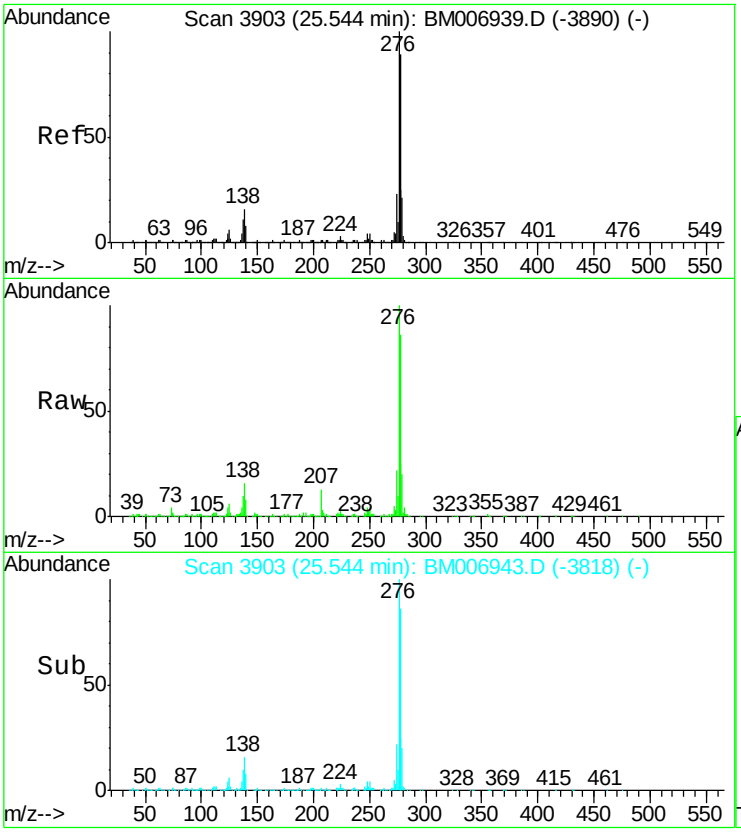


#39
Indeno(1,2,3-cd)pyrene
Concen: 21.39 ng/ul
RT: 25.54 min Scan# 3903
Delta R.T. 0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Tgt Ion:276 Resp: 1585711

Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.6	19.0
277	24.5	20.3	30.5



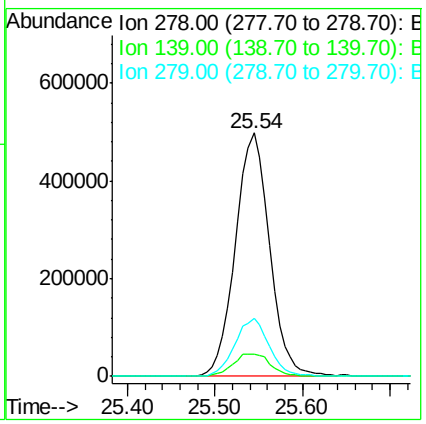


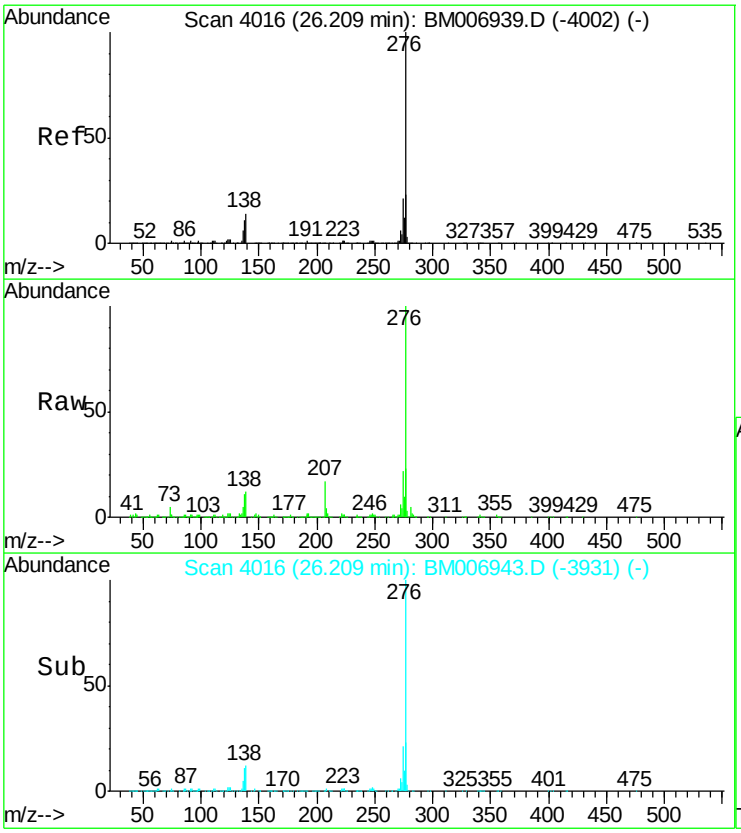
#40
Dibenzo(a,h)anthracene
Concen: 21.19 ng/ul
RT: 25.54 min Scan# 3903
Delta R.T. 0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Instrument :
BNA_M
ClientSampleId :
SSTD02022

Tgt Ion:278 Resp: 1322146

Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.5	11.3
279	23.7	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 22.00 ng/ul
RT: 26.21 min Scan# 4016
Delta R.T. -0.00 min
Lab File: BM006943.D
Acq: 06 Aug 2016 18:21

Tgt Ion:276 Resp: 1284139

Ion	Ratio	Lower	Upper
276	100		
138	12.2	10.9	16.3
277	23.4	18.6	27.8