Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
Data File : BM006958.D
Acq On : 07 Aug 2016 03:56
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02023

Quant Time: Aug 08 03:54:08 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	192401	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	947881	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	641034	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1608406	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1923478	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1556519	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.08	96	32558	7.73	ng/uL	0.00
3) Phenol-d5	6.76	99	344520	18.89	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	232216	20.30	ng/ul	0.00
5) 2-Chlorophenol-d4	7.09	132	266089	20.43	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	297177	19.52	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	141015	20.03	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	165742	19.66	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.97	165	314417	19.67	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	407565	21.36	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1136442	20.15	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1323345	20.28	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	126926	15.51	ng/ul	0.00
21) Fluorene-d10	15.21	176	972626	20.28	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	150636	22.68	ng/ul	0.00
26) Anthracene-d10	17.06	188	1558699	20.06	ng/ul	0.00
30) Pyrene-d10	19.37	212	1812690	19.77	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.22	264	1486557	20.05	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.37	128	967093	19.87	ng/ul	99
13) 2-Methylnaphthalene	12.00	142	780970	20.05	ng/ul	96
14) 1-Methylnaphthalene	12.22	142	753128	20.11	ng/ul	99
18) Acenaphthylene	13.93	152	1397293	20.41	ng/ul	99
19) Acenaphthene	14.27	153	906648	20.31	ng/ul	97
22) Fluorene	15.26	166	1144075	20.27	ng/ul	98
25) Phenanthrene	17.01	178	1813931	20.16	ng/ul	99
27) Anthracene	17.10	178	1912951	20.31	ng/ul	99
28) Fluoranthene	19.03	202	2230461	20.38	ng/ul	98
31) Pyrene	19.40	202	2342519	19.60	ng/ul	98
32) Benzo(a)anthracene	21.16	228	2332670	20.44	ng/ul	99
33) Chrysene	21.21	228	2041913	20.32	ng/ul	99
35) Benzo(b)fluoranthene	22.70	252	2059728	20.28	ng/ul	99
36) Benzo(k)fluoranthene	22.75	252	1987289	20.26	ng/ul	100
38) Benzo(a)pyrene	23.26	252	1841113	19.99	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.54	276	1838737	19.68	ng/ul	99
40) Dibenzo(a,h)anthracene	25.54	278	1560856	19.85	ng/ul	97
41) Benzo(g,h,i)perylene	26.20	276	1430629	19.44	ng/ul	98

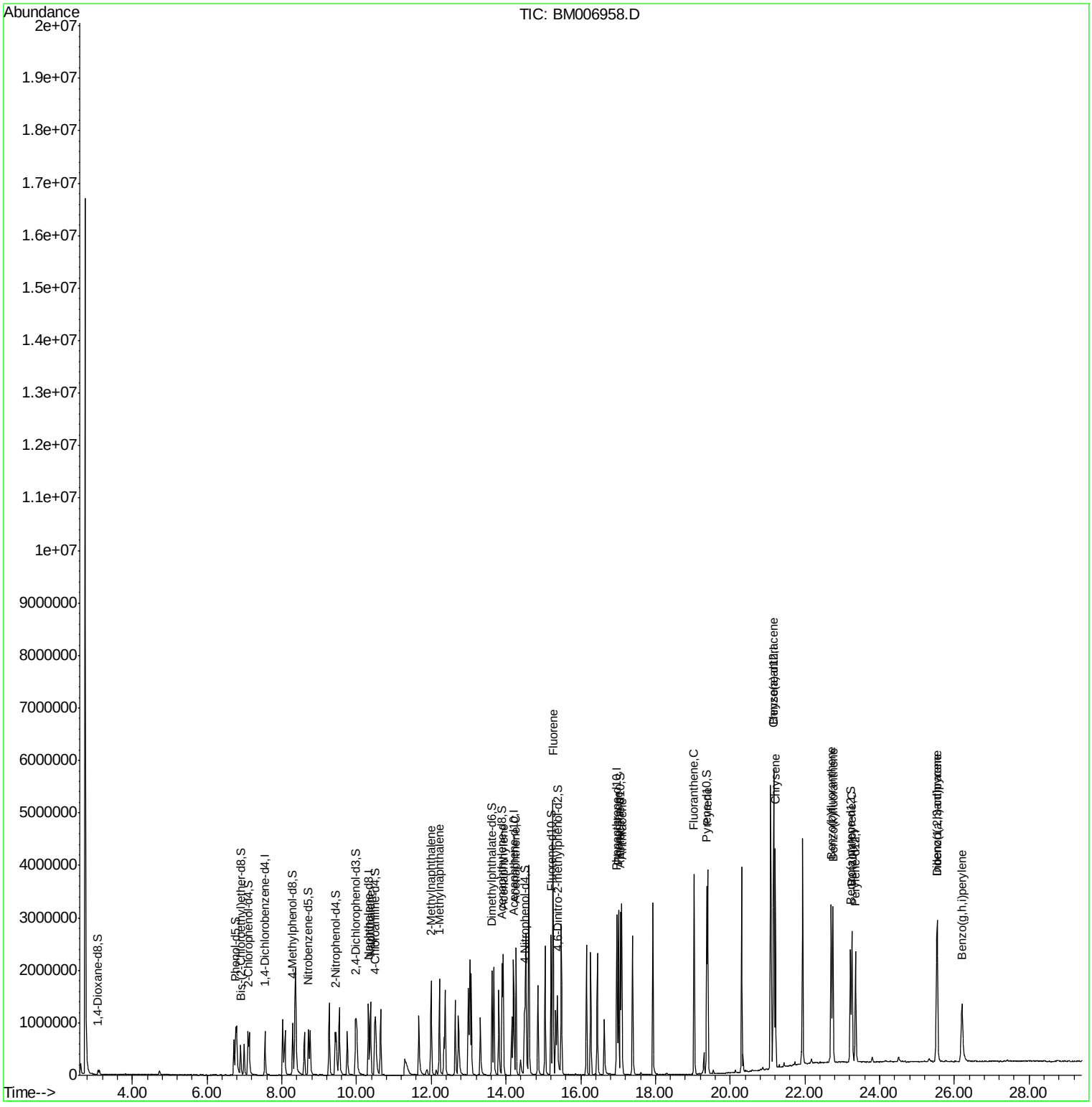
(#) = qualifier out of range (m) = manual integration (+) = signals summed

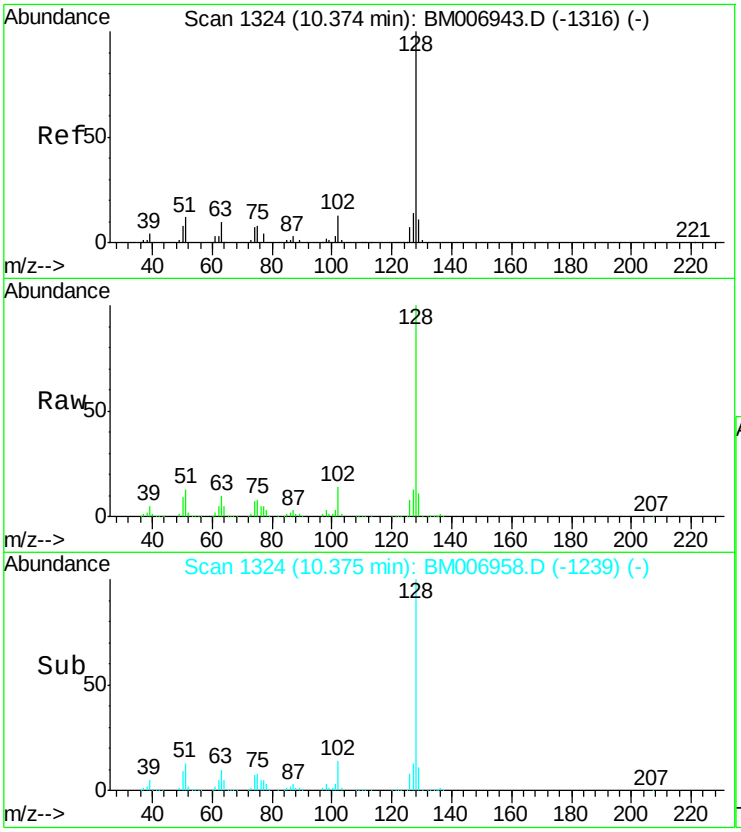
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
Data File : BM006958.D
Acq On : 07 Aug 2016 03:56
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Quant Time: Aug 08 03:54:08 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



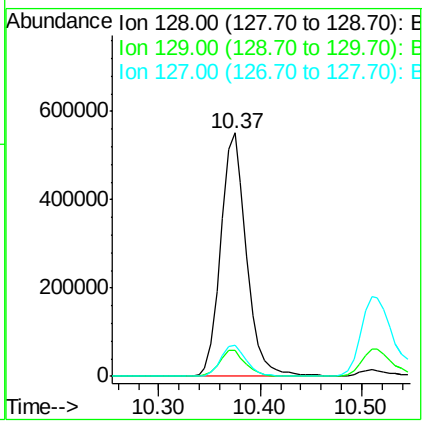


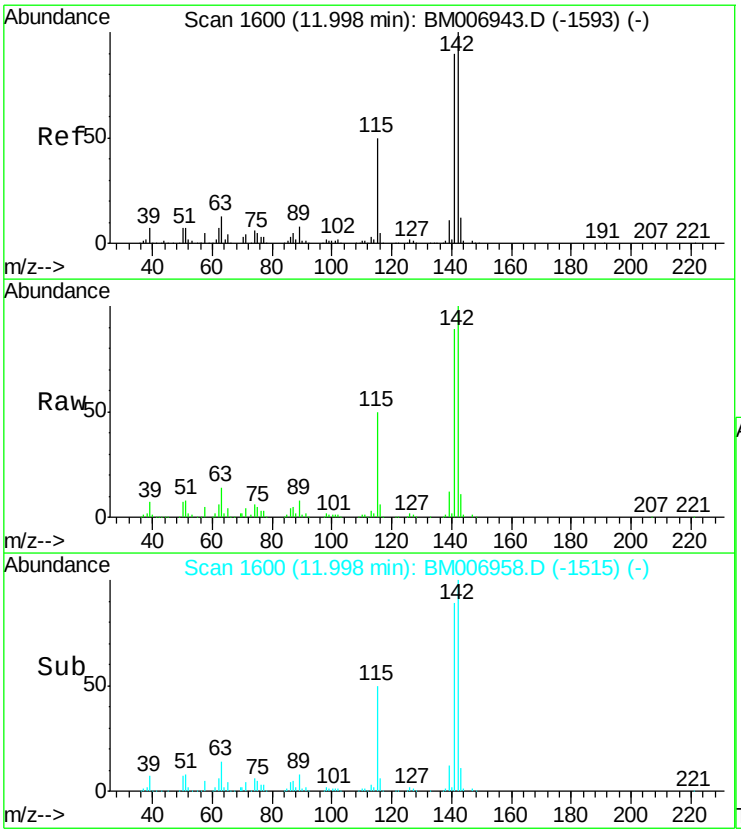
#11
Naphthalene
Concen: 19.87 ng/ul
RT: 10.37 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:128 Resp: 967093

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

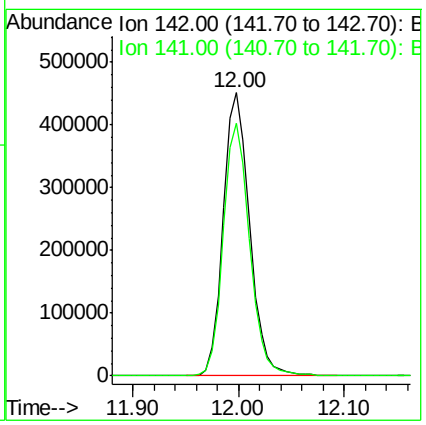


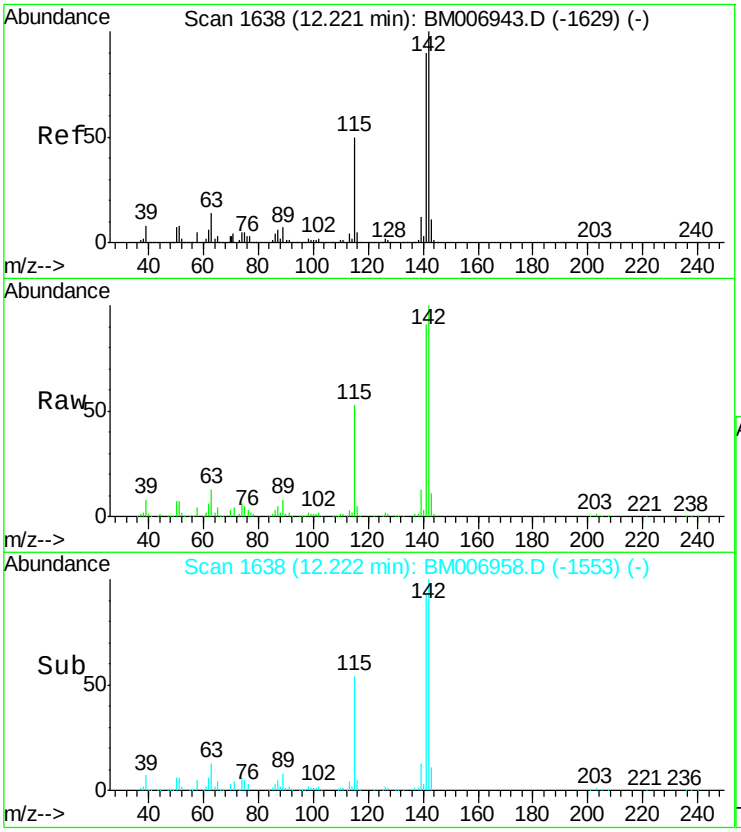


#13
2-Methylnaphthalene
Concen: 20.05 ng/ul
RT: 12.00 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Tgt Ion:142 Resp: 780970

Ion	Ratio	Lower	Upper
142	100		
141	89.1	68.2	102.2



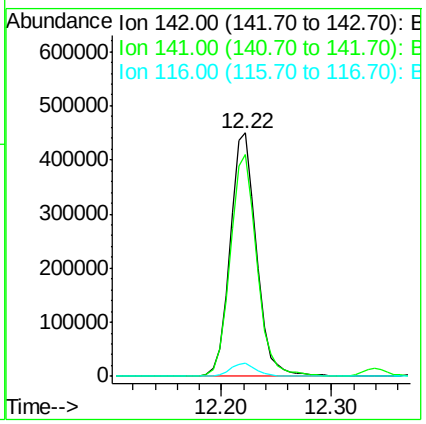


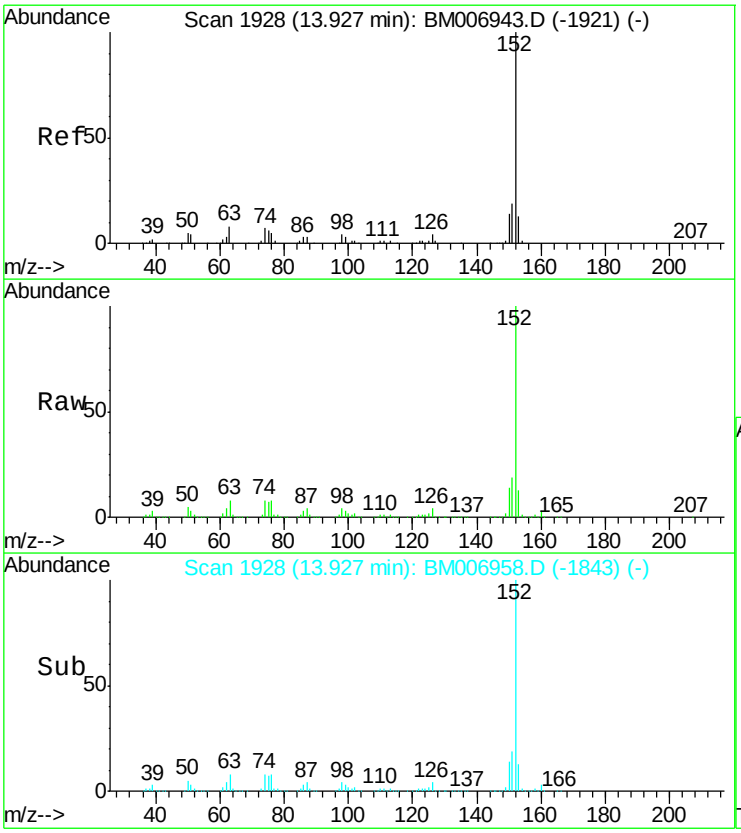
#14
1-Methylnaphthalene
Concen: 20.11 ng/ul
RT: 12.22 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:142 Resp: 753128

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.2	109.8
116	5.3	4.0	6.0

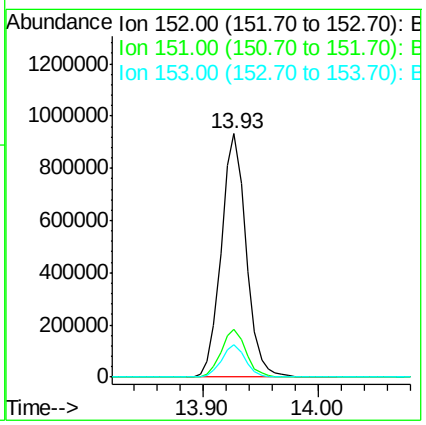


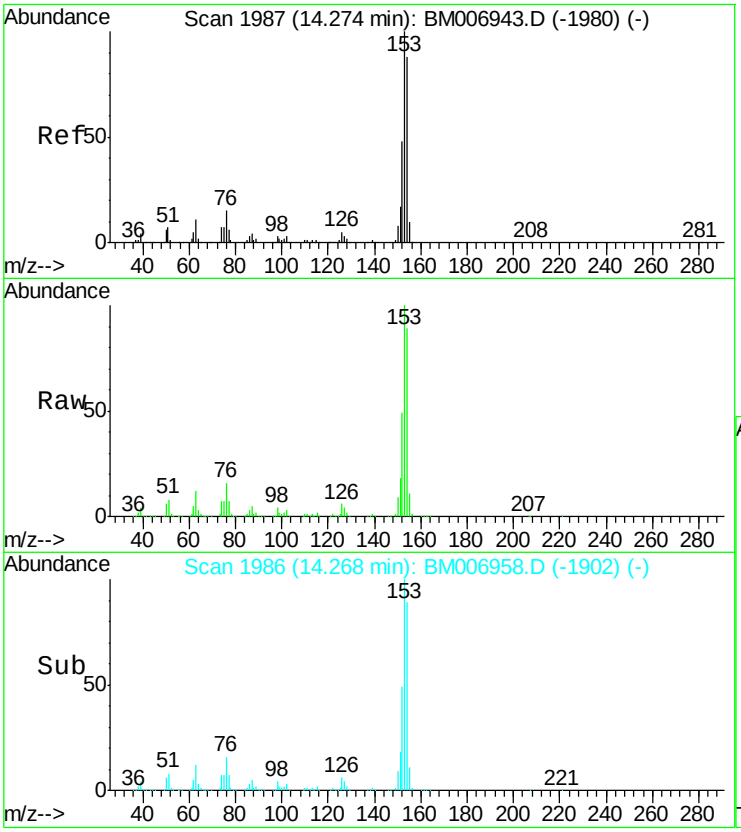


#18
Acenaphthylene
Concen: 20.41 ng/ul
RT: 13.93 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Tgt Ion:152 Resp: 1397293

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.4	10.5	15.7



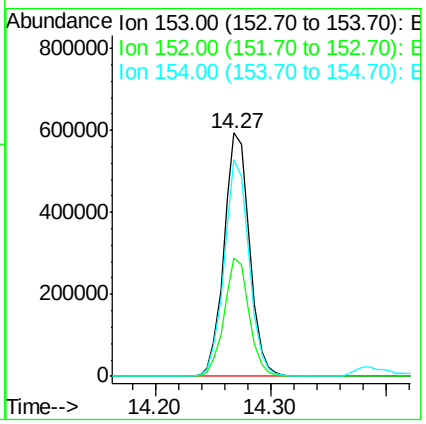


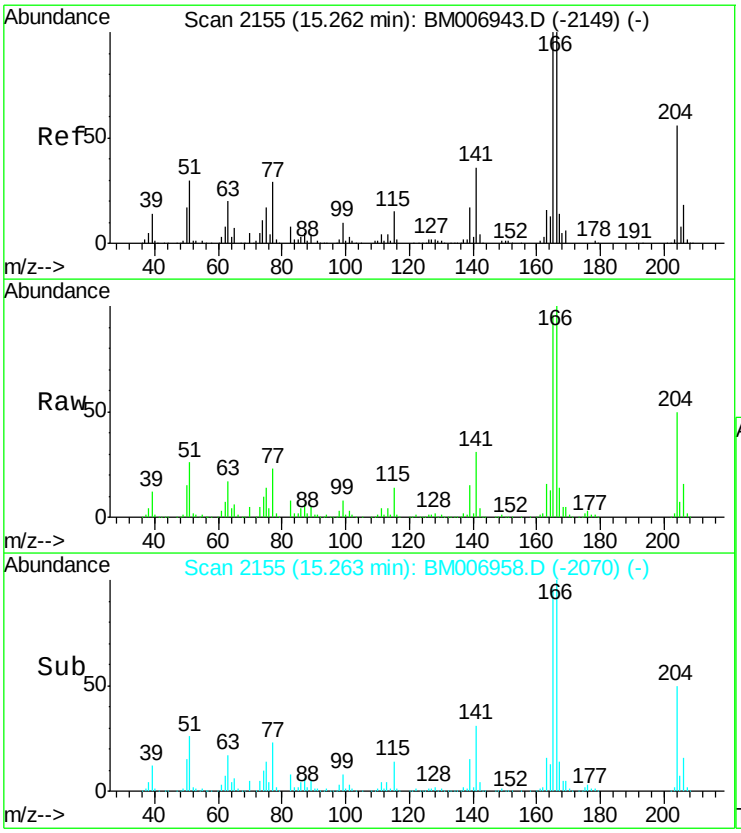
#19
Acenaphthene
Concen: 20.31 ng/ul
RT: 14.27 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:153 Resp: 906648

Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.0	55.6
154	89.1	69.3	103.9

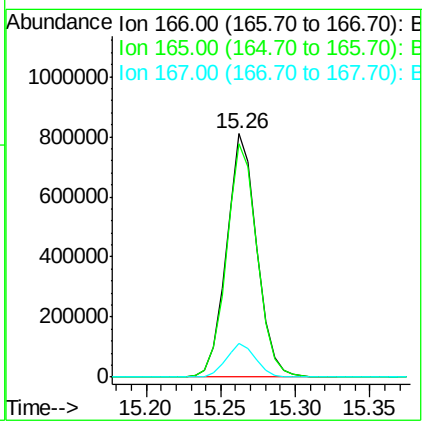


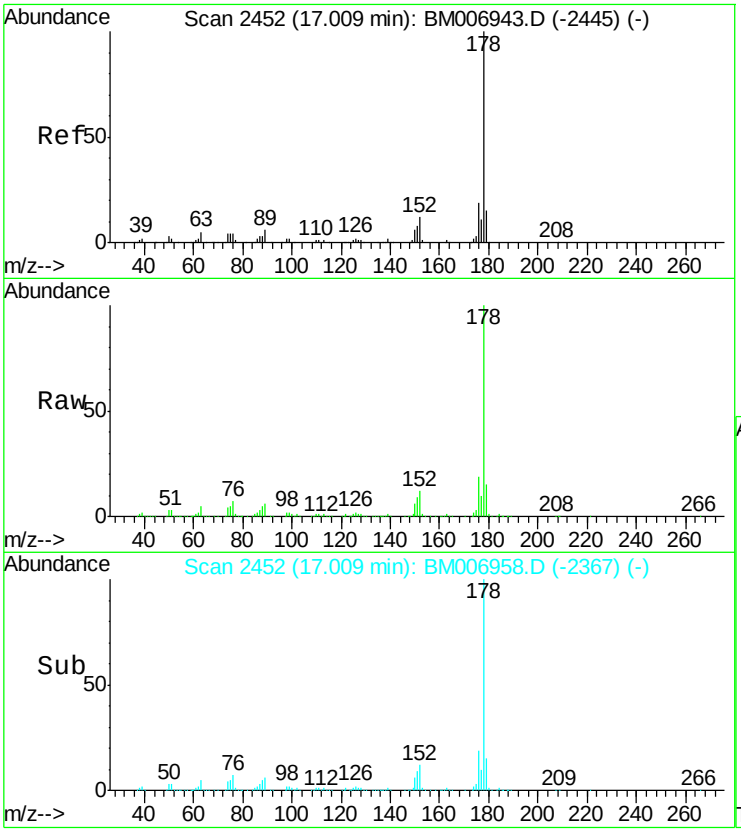


#22
Fluorene
Concen: 20.27 ng/ul
RT: 15.26 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Tgt Ion:166 Resp: 1144075

Ion	Ratio	Lower	Upper
166	100		
165	95.8	78.2	117.4
167	13.6	10.7	16.1



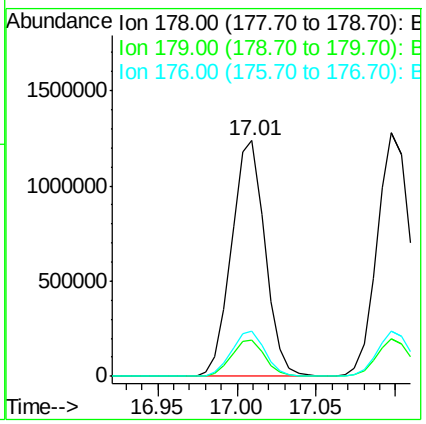


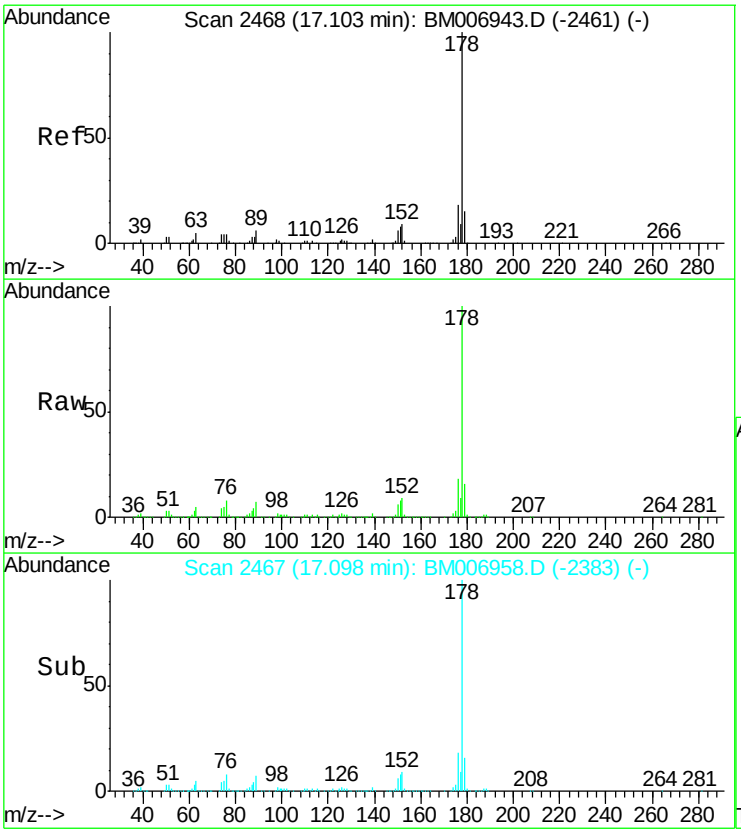
#25
Phenanthrene
Concen: 20.16 ng/ul
RT: 17.01 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:178 Resp: 1813931

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	19.0	15.0	22.4

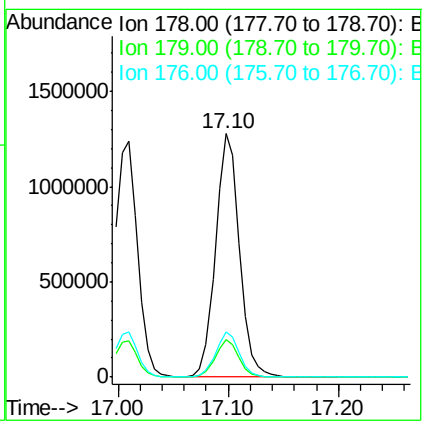


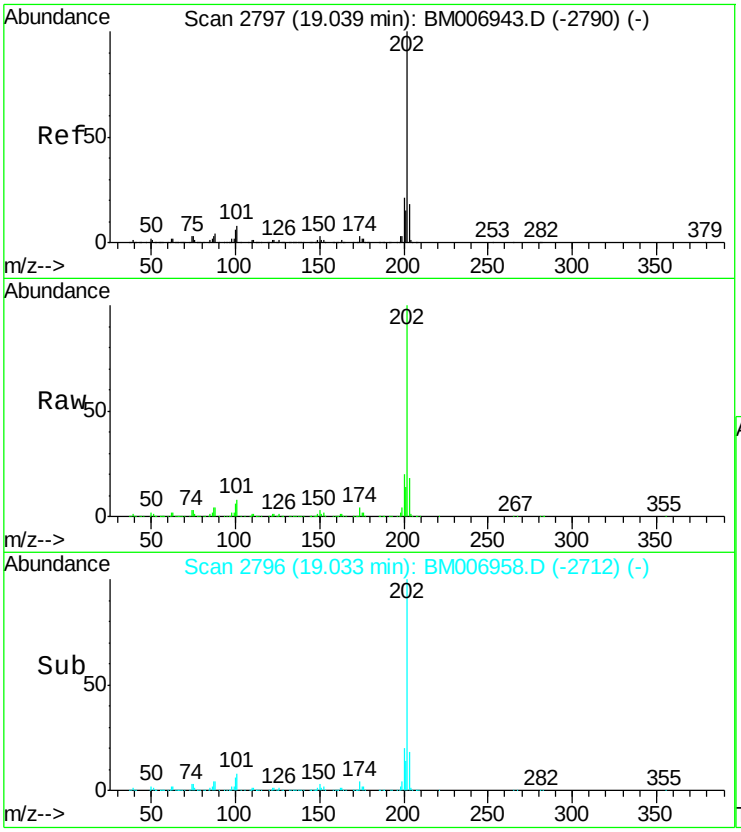


#27
Anthracene
Concen: 20.31 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Tgt Ion:178 Resp: 1912951

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	18.4	15.4	23.0



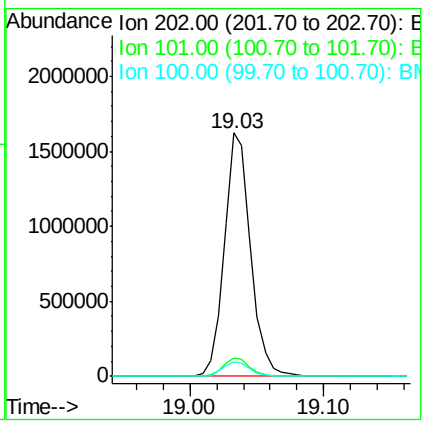


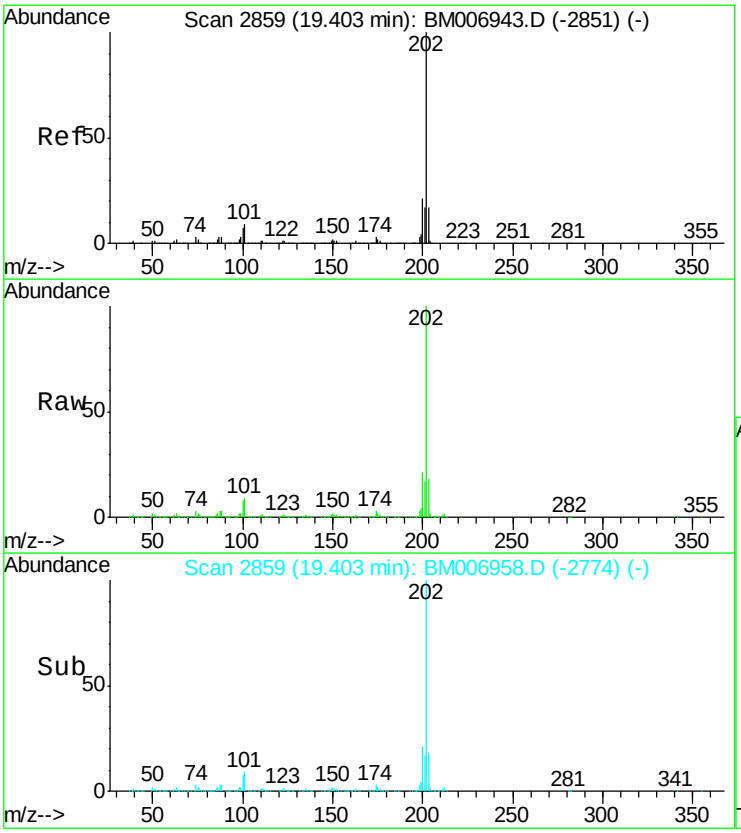
#28
Fluoranthene
Concen: 20.38 ng/ul
RT: 19.03 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:202 Resp: 2230461

Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.6	8.4
100	6.1	4.2	6.4

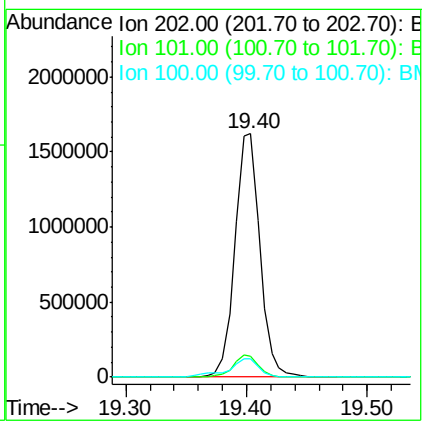


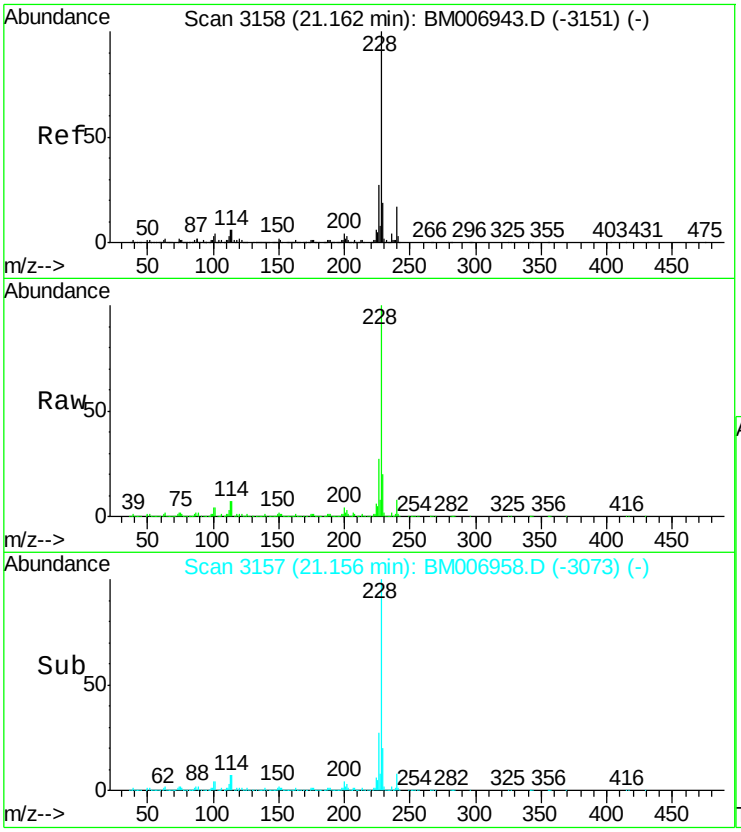


#31
Pyrene
Concen: 19.60 ng/ul
RT: 19.40 min Scan# 2859
Delta R.T. 0.00 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Tgt Ion:202 Resp: 2342519

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.4	9.6
100	7.5	5.4	8.2



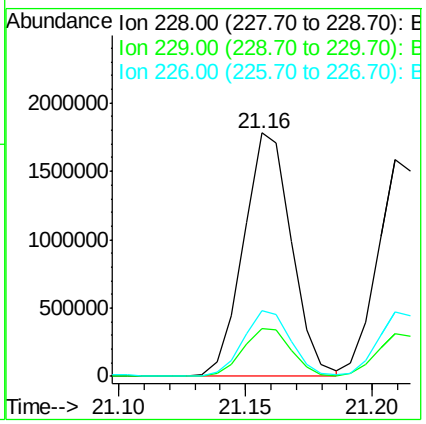


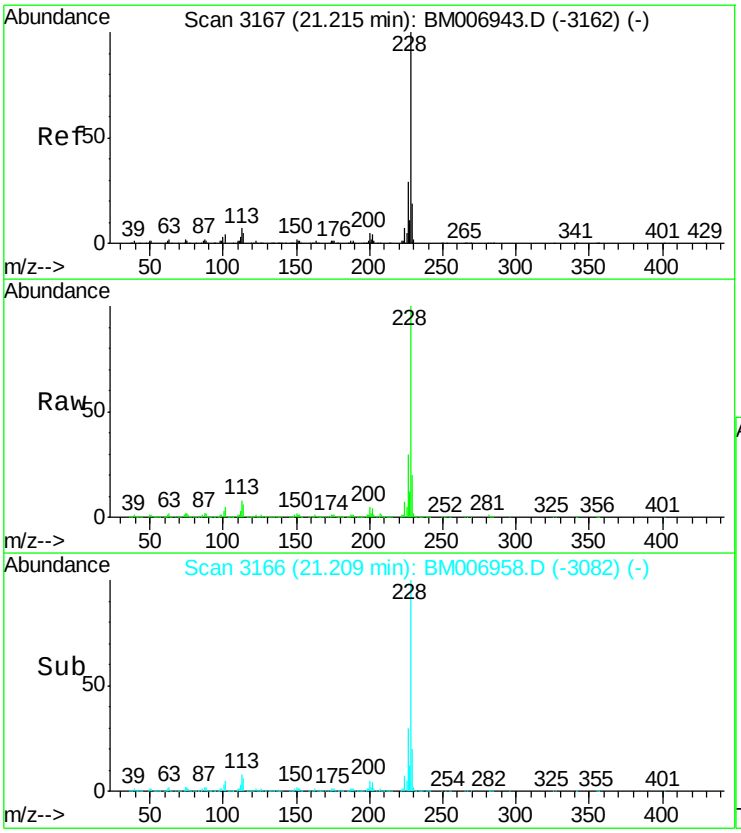
#32
Benzo(a)anthracene
Concen: 20.44 ng/ul
RT: 21.16 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:228 Resp: 2332670

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.2	22.8
226	26.8	21.3	31.9

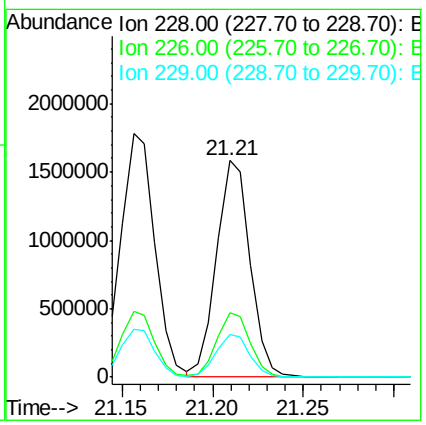


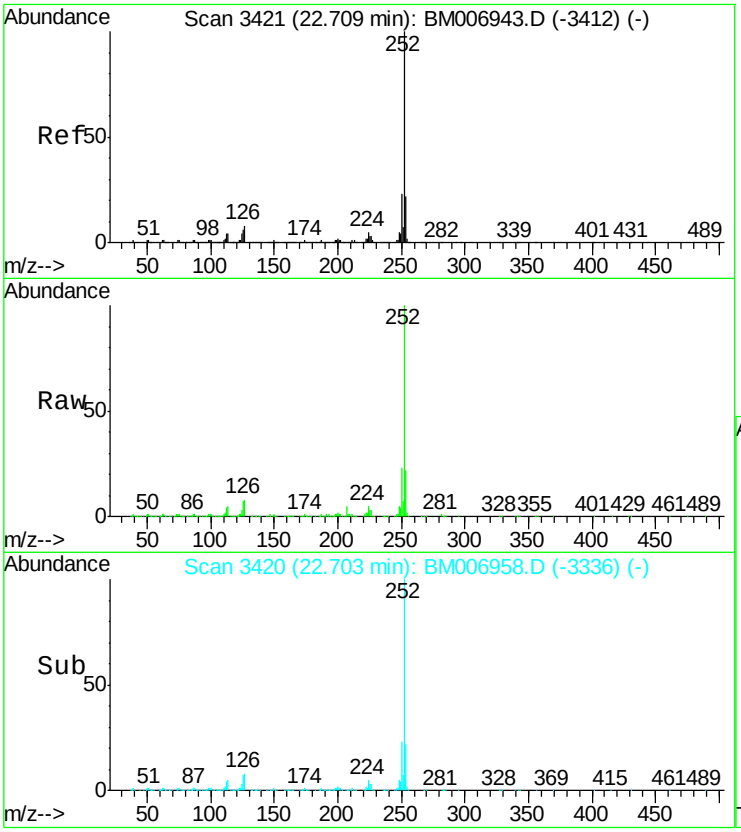


#33
Chrysene
Concen: 20.32 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Tgt Ion:228 Resp: 2041913

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	19.9	15.1	22.7



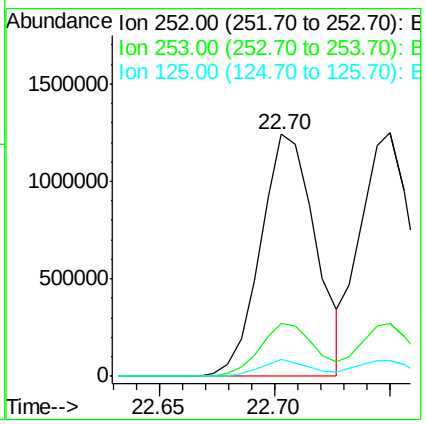


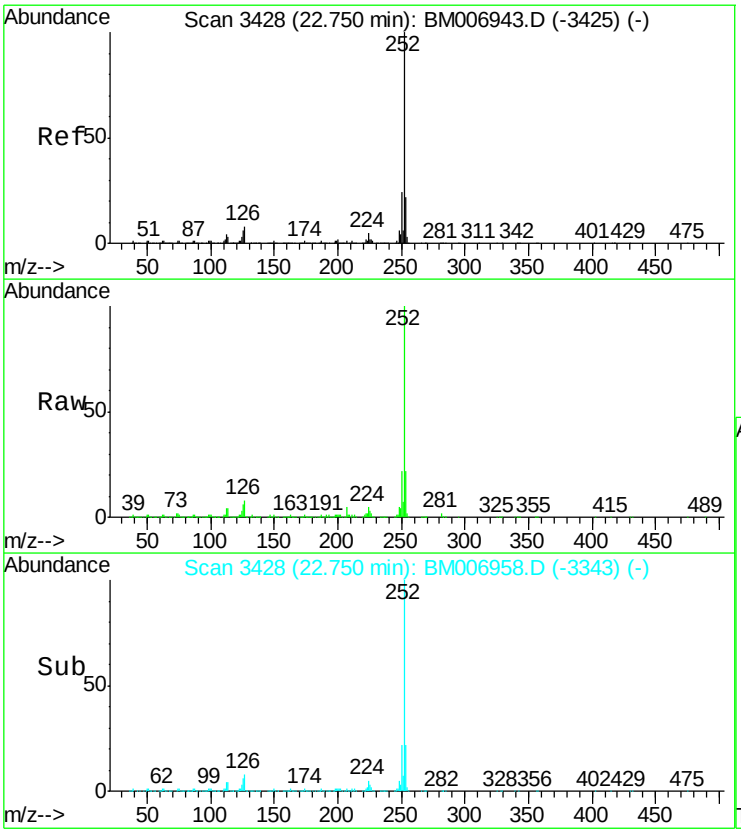
#35
Benzo(b)fluoranthene
Concen: 20.28 ng/ul
RT: 22.70 min Scan# 3420
Delta R.T. -0.01 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:252 Resp: 2059728

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	7.1	5.1	7.7

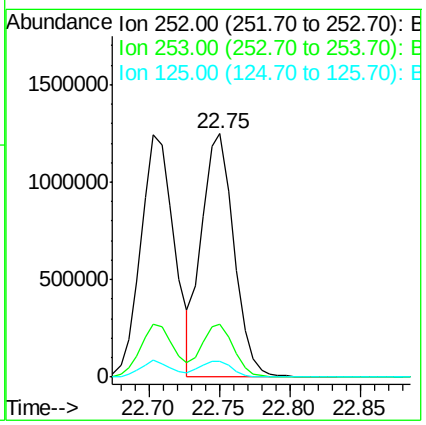


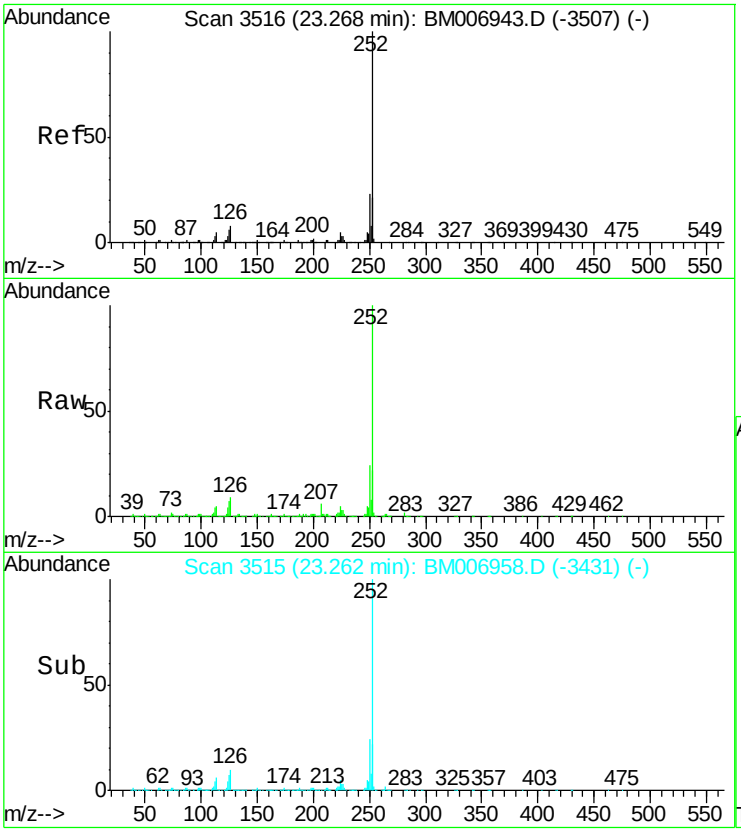


#36
Benzo(k)fluoranthene
Concen: 20.26 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. 0.00 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Tgt Ion:252 Resp: 1987289

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	6.4	5.1	7.7



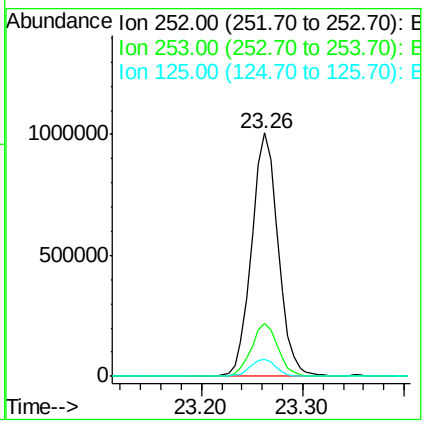


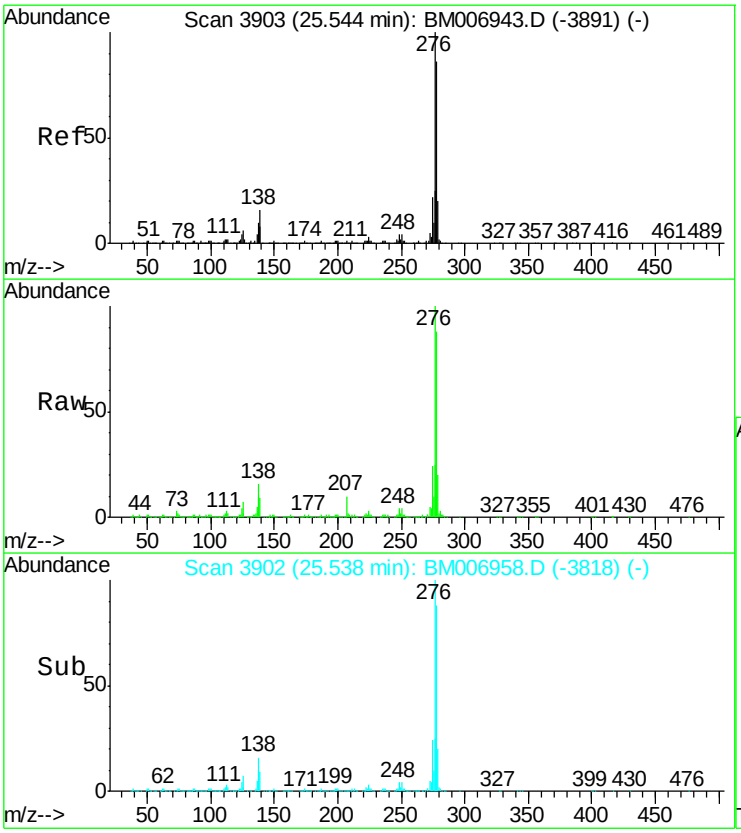
#38
Benzo(a)pyrene
Concen: 19.99 ng/ul
RT: 23.26 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:252 Resp: 1841113

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	6.8	5.6	8.4

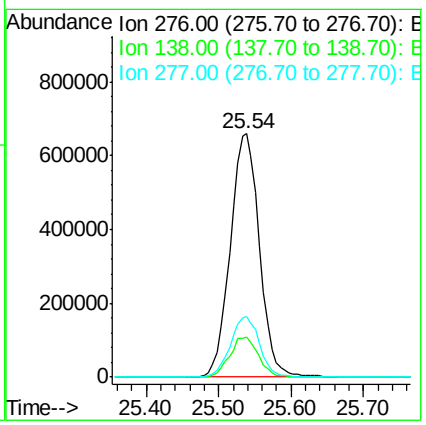


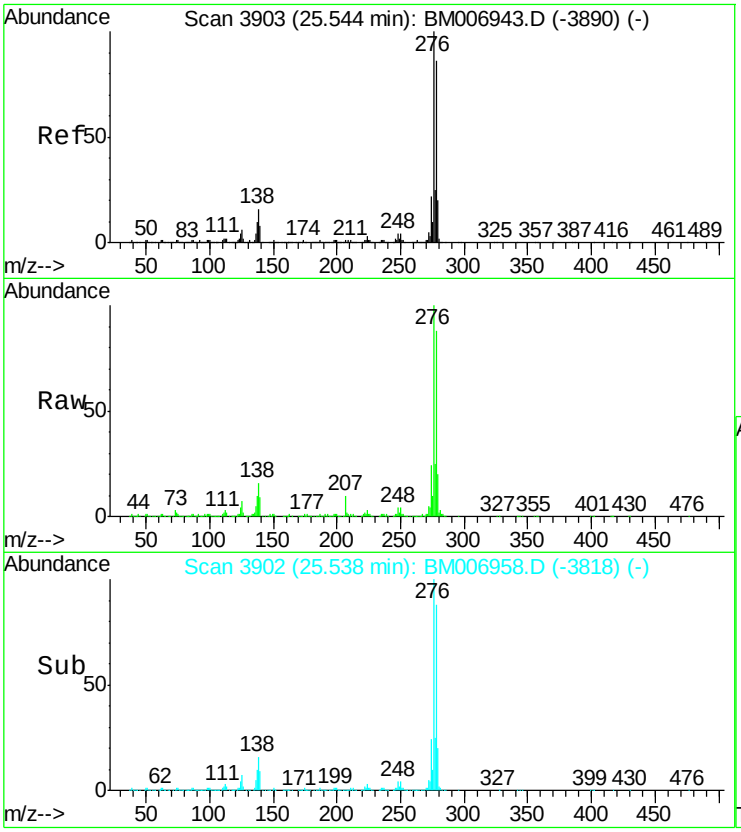


#39
Indeno(1,2,3-cd)pyrene
Concen: 19.68 ng/ul
RT: 25.54 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Tgt Ion:276 Resp: 1838737

Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.6	19.0
277	25.1	20.3	30.5



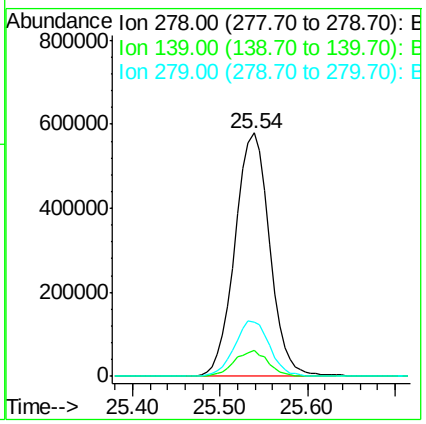


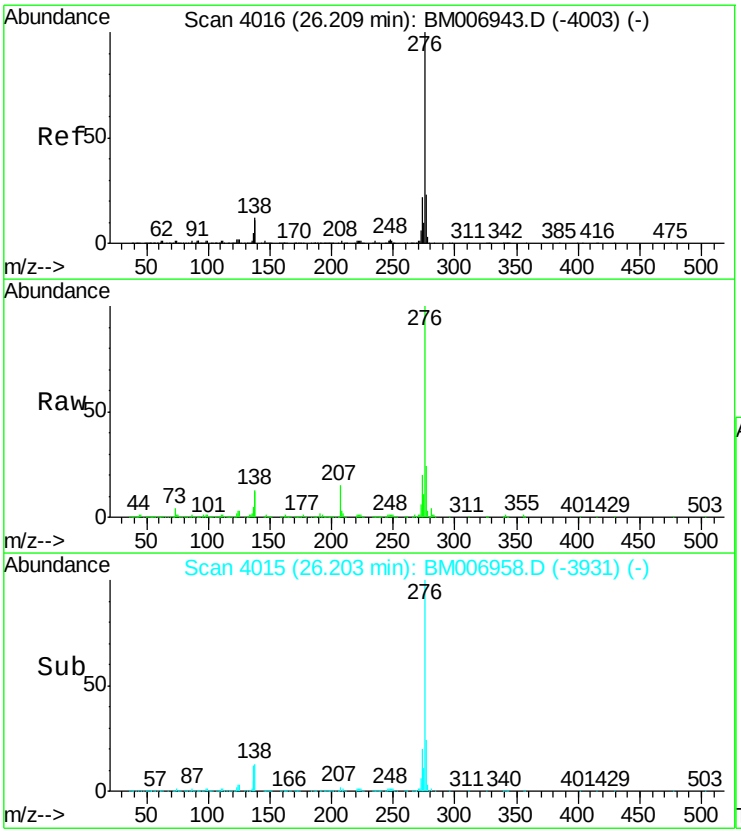
#40
Dibenzo(a,h)anthracene
Concen: 19.85 ng/ul
RT: 25.54 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Tgt Ion:278 Resp: 1560856

Ion	Ratio	Lower	Upper
278	100		
139	10.5	7.5	11.3
279	22.5	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 19.44 ng/ul
RT: 26.20 min Scan# 4015
Delta R.T. -0.01 min
Lab File: BM006958.D
Acq: 07 Aug 2016 03:56

Tgt Ion:276 Resp: 1430629

Ion	Ratio	Lower	Upper
276	100		
138	13.2	10.9	16.3
277	24.1	18.6	27.8