Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080916\
Data File : BM006994.D
Acq On : 09 Aug 2016 22:32
Operator : UM/SJ
Sample : SSTD16039
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16039

Quant Time: Aug 10 01:22:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:21:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	296298	20.00	ng/ul	0.00
7) Naphthalene-d8	10.62	136	1401983	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.46	164	933325	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.20	188	2300838	20.00	ng/ul	0.00
29) Chrysene-d12	21.39	240	2360891	20.00	ng/ul	0.01
34) Perylene-d12	23.67	264	2165905	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.33	96	373885	57.78	ng/uL	0.00
3) Phenol-d5	7.00	99	4183066	148.70	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.16	67	2206710	128.63	ng/ul	0.00
5) 2-Chlorophenol-d4	7.36	132	3163032	157.66	ng/ul	0.01
6) 4-Methylphenol-d8	8.54	113	3545362	150.57	ng/ul	0.02
8) Nitrobenzene-d5	8.99	128	1672610	159.70	ng/ul	0.01
9) 2-Nitrophenol-d4	9.70	143	1957553	158.56	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.24	165	3624811	152.92	ng/ul	0.02
12) 4-Chloroaniline-d4	10.76	131	3714379	131.26	ng/ul	0.02
16) Dimethylphthalate-d6	13.88	166	10963710	133.91	ng/ul	0.01
17) Acenaphthylene-d8	14.16	160	12434353	130.83	ng/ul	0.01
20) 4-Nitrophenol-d4	14.68	143	2192216	170.38	ng/ul	0.04
21) Fluorene-d10	15.46	176	8947257	128.12	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.59	200	2156996	204.68	ng/ul	0.03
26) Anthracene-d10	17.31	188	13690147	122.98	ng/ul	0.02
30) Pyrene-d10	19.60	212	15483747	136.36	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.53	264	14219259	138.34	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.67	128	9986693	139.20	ng/ul	98
13) 2-Methylnaphthalene	12.28	142	7641652	133.19	ng/ul	99
14) 1-Methylnaphthalene	12.50	142	7360520	133.64	ng/ul	99
18) Acenaphthylene	14.19	152	12361811	124.25	ng/ul	96
19) Acenaphthene	14.53	153	8346654	128.51	ng/ul	98
22) Fluorene	15.52	166	9017963	111.17	ng/ul	98
25) Phenanthrene	17.25	178	15216427	118.23	ng/ul#	92
27) Anthracene	17.34	178	14417742	107.34	ng/ul#	87
28) Fluoranthene	19.26	202	16114258	102.90	ng/ul#	95
31) Pyrene	19.26	202	16114258	109.20	ng/ul	99
32) Benzo(a)anthracene	21.37	228	16603968	118.09	ng/ul#	85
33) Chrysene	21.43	228	14527117	116.67	ng/ul#	76
35) Benzo(b)fluoranthene	22.99	252	18937108	133.48	ng/ul	97
36) Benzo(k)fluoranthene	23.04	252	15300704	112.70	ng/ul	97
38) Benzo(a)pyrene	23.59	252	16181655	126.30	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	26.00	276	18006075	139.59	ng/ul	99
40) Dibenzo(a,h)anthracene	26.02	278	14238429	131.39	ng/ul	97
41) Benzo(g,h,i)perylene	26.71	276	15646309	152.51	ng/ul	99

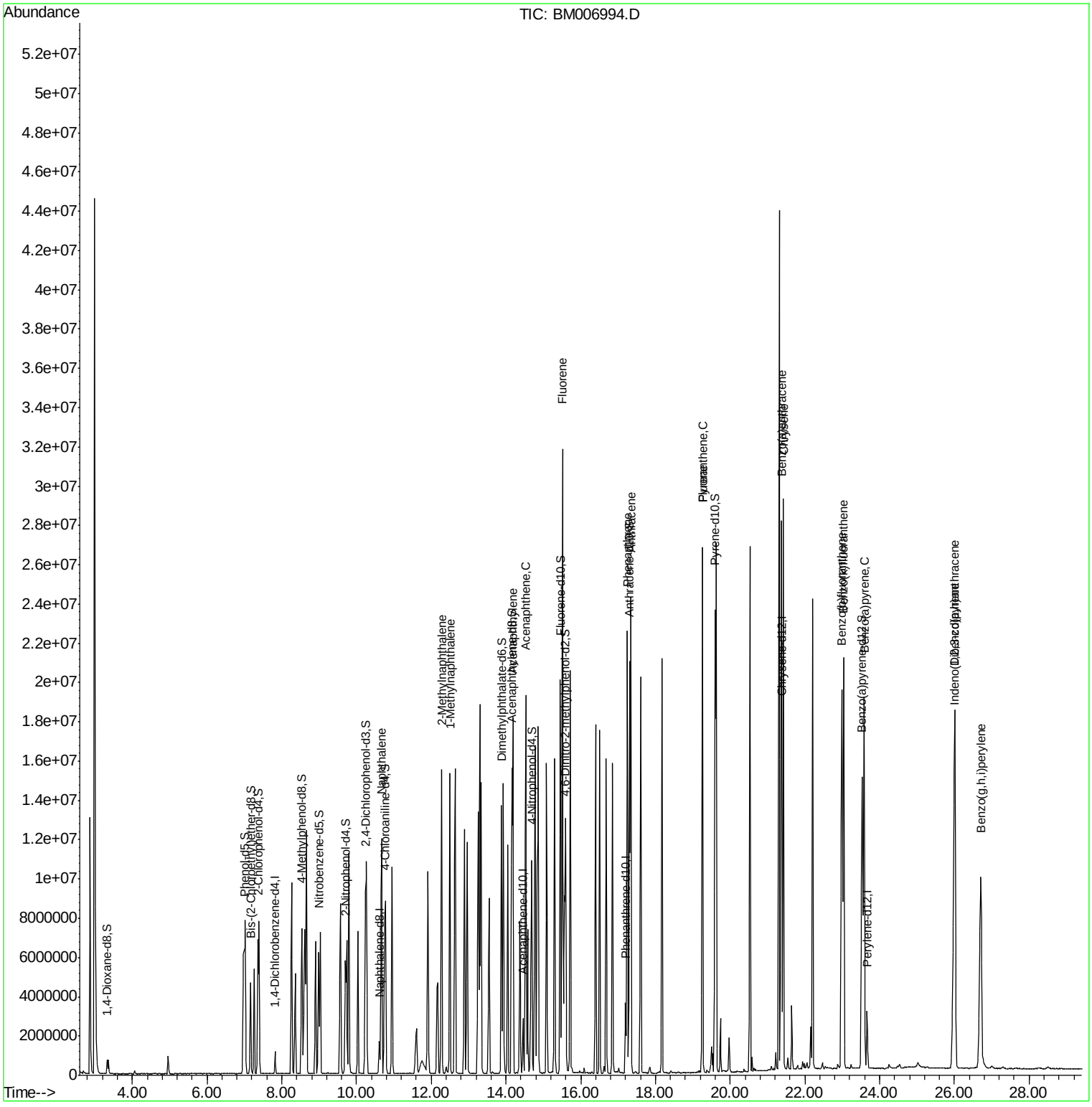
(#) = qualifier out of range (m) = manual integration (+) = signals summed

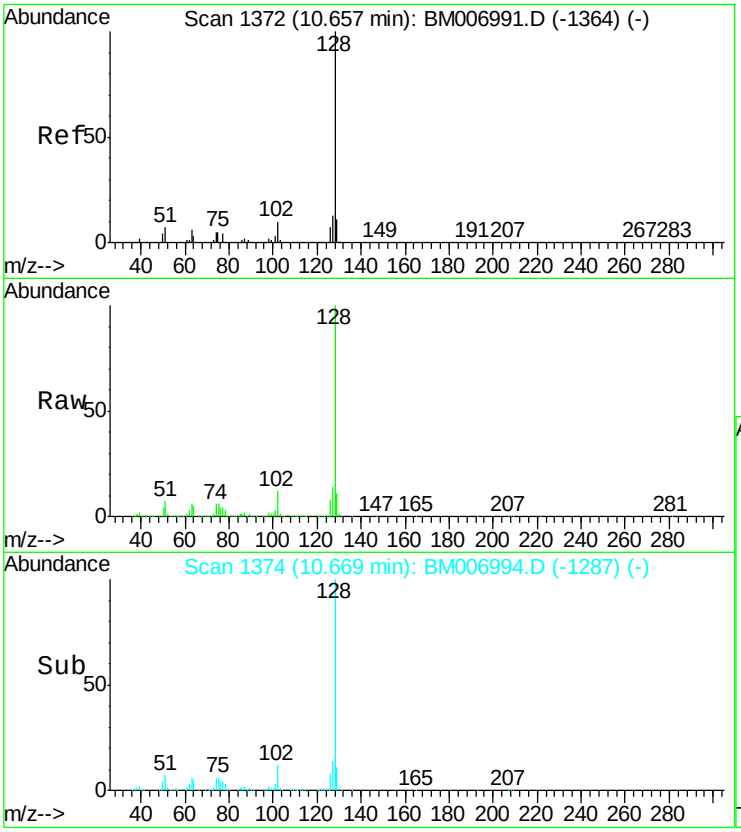
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080916\
Data File : BM006994.D
Acq On : 09 Aug 2016 22:32
Operator : UM/SJ
Sample : SSTD16039
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16039

Quant Time: Aug 10 01:22:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:21:42 2016
Response via : Initial Calibration



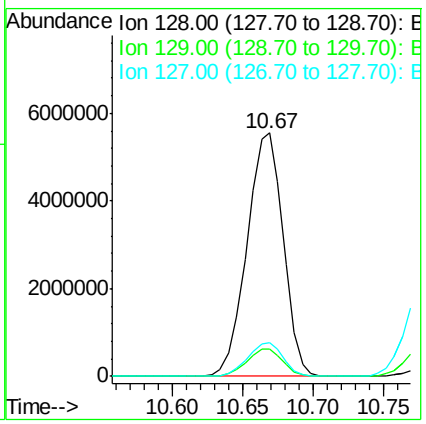


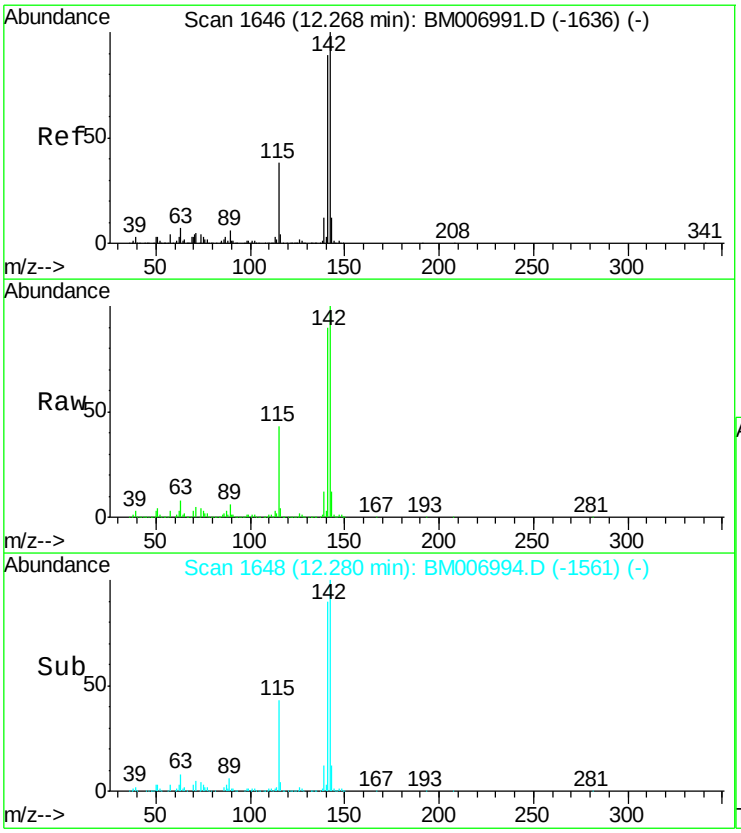
#11
Naphthalene
Concen: 139.20 ng/ul
RT: 10.67 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Instrument :
BNA_M
ClientSampleId :
SSTD16039

Tgt Ion:128 Resp: 9986693

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	14.0	10.4	15.6

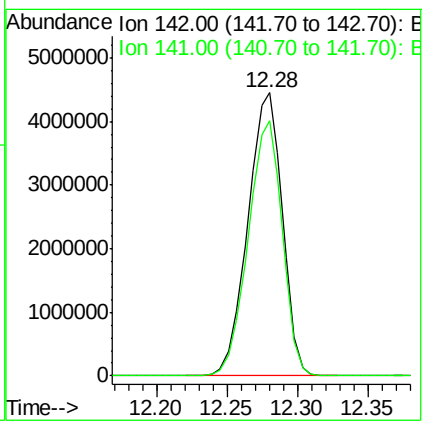


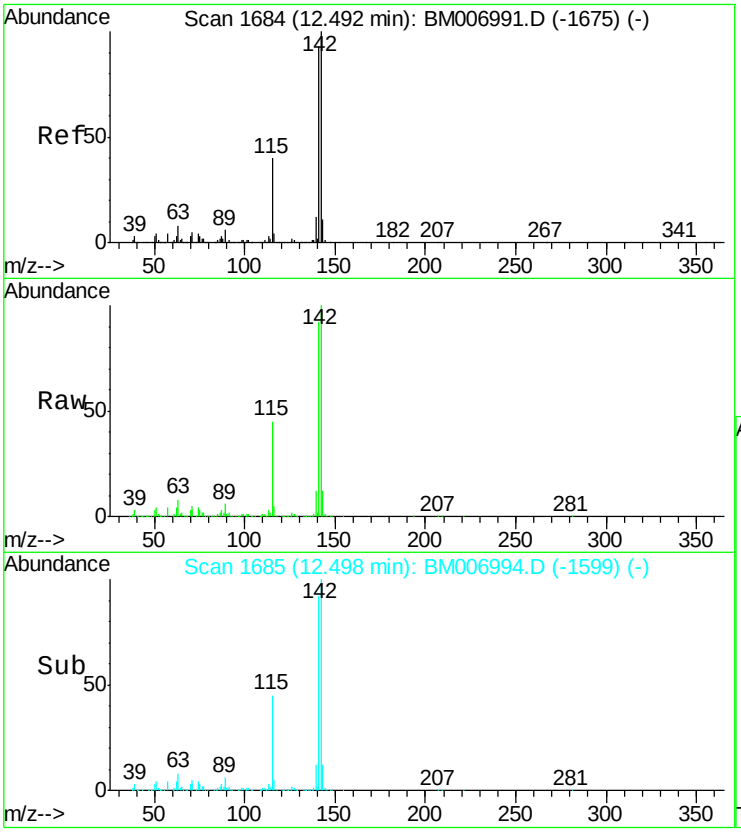


#13
2-Methylnaphthalene
Concen: 133.19 ng/ul
RT: 12.28 min Scan# 1648
Delta R.T. 0.01 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Tgt Ion:142 Resp: 7641652

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6



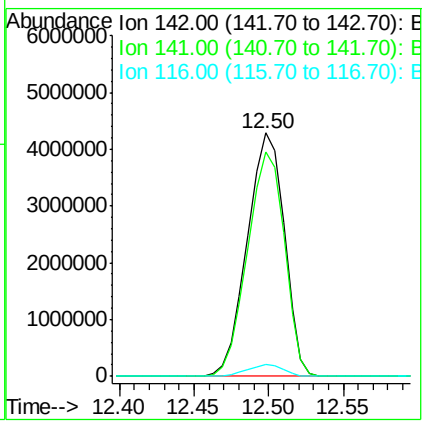


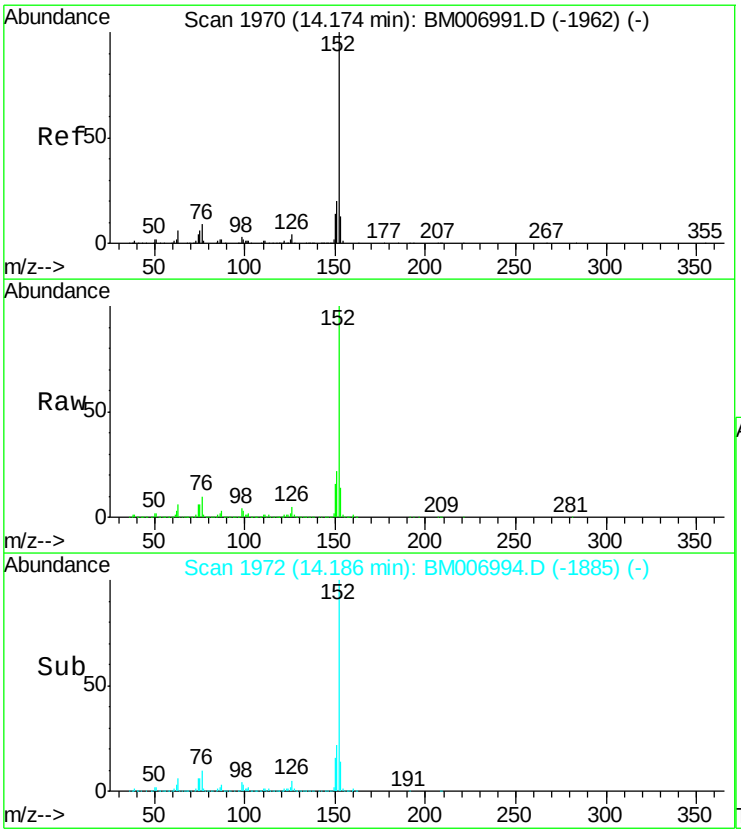
#14
1-Methylnaphthalene
Concen: 133.64 ng/ul
RT: 12.50 min Scan# 1685
Delta R.T. 0.01 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Instrument :
BNA_M
ClientSampleId :
SSTD16039

Tgt Ion:142 Resp: 7360520

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.4	111.6
116	4.7	3.2	4.8

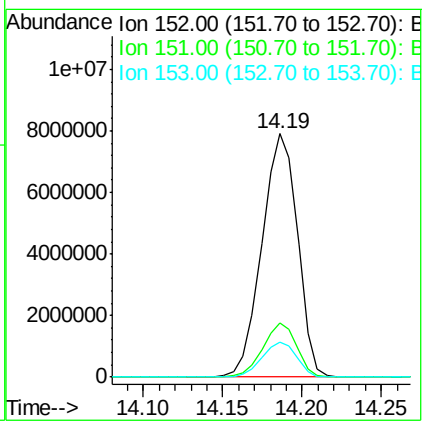


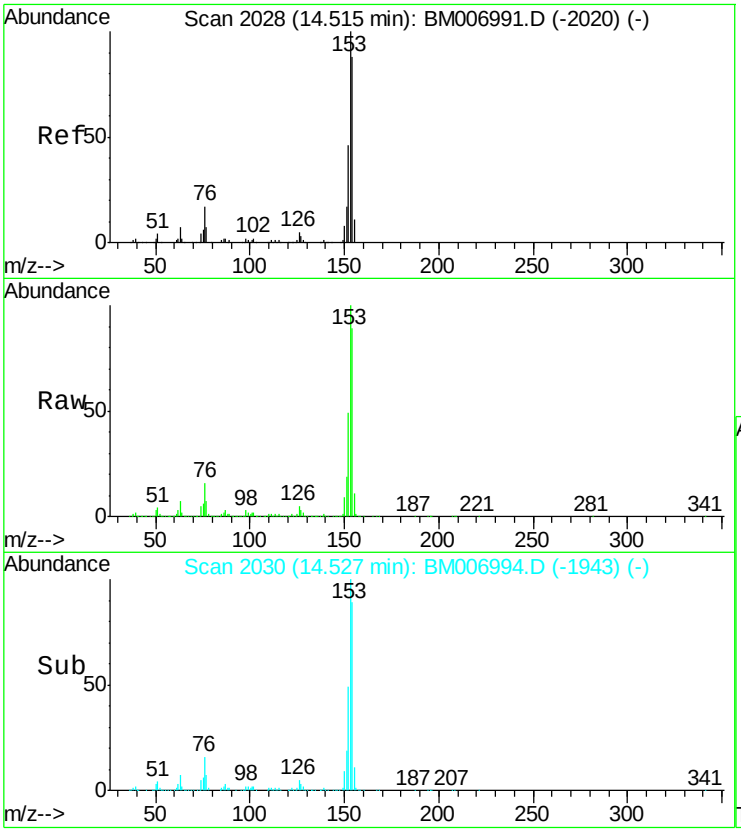


#18
Acenaphthylene
Concen: 124.25 ng/ul
RT: 14.19 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Tgt Ion:152 Resp:12361811

Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.1	24.1
153	14.5	10.4	15.6



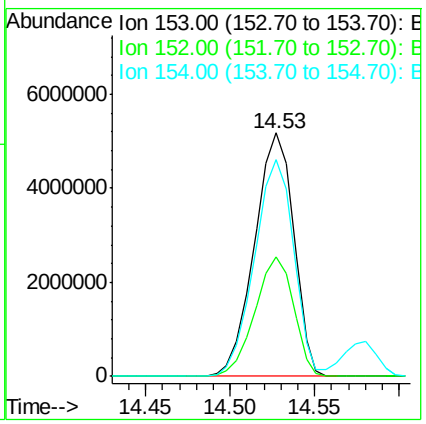


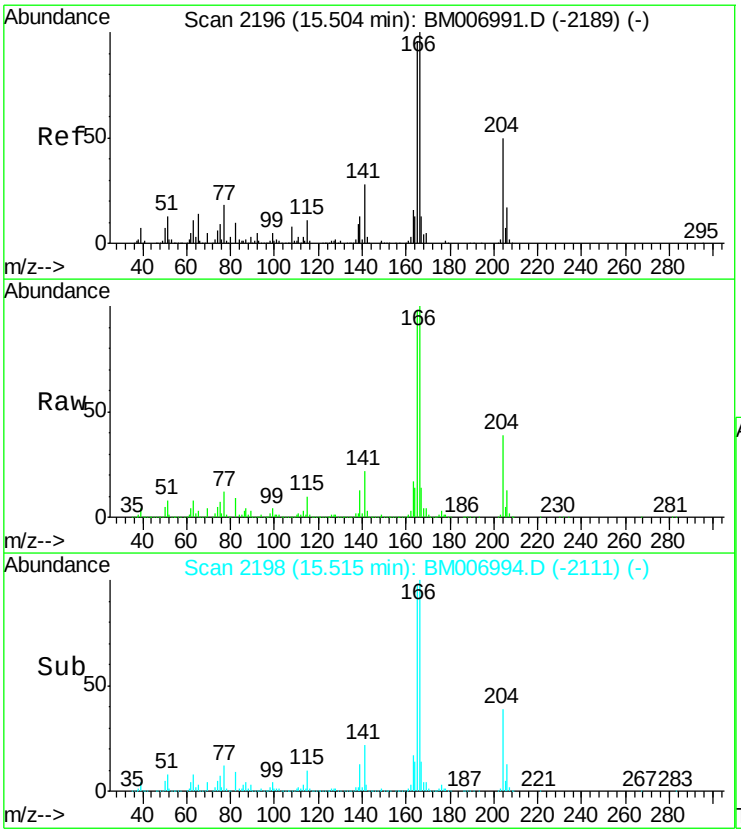
#19
Acenaphthene
Concen: 128.51 ng/ul
RT: 14.53 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Instrument :
BNA_M
ClientSampleId :
SSTD16039

Tgt Ion:153 Resp: 8346654

Ion	Ratio	Lower	Upper
153	100		
152	48.9	37.0	55.6
154	89.0	70.9	106.3

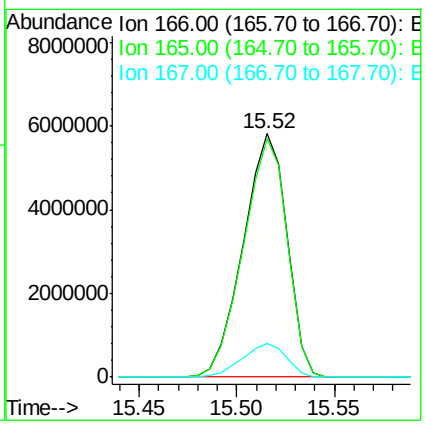


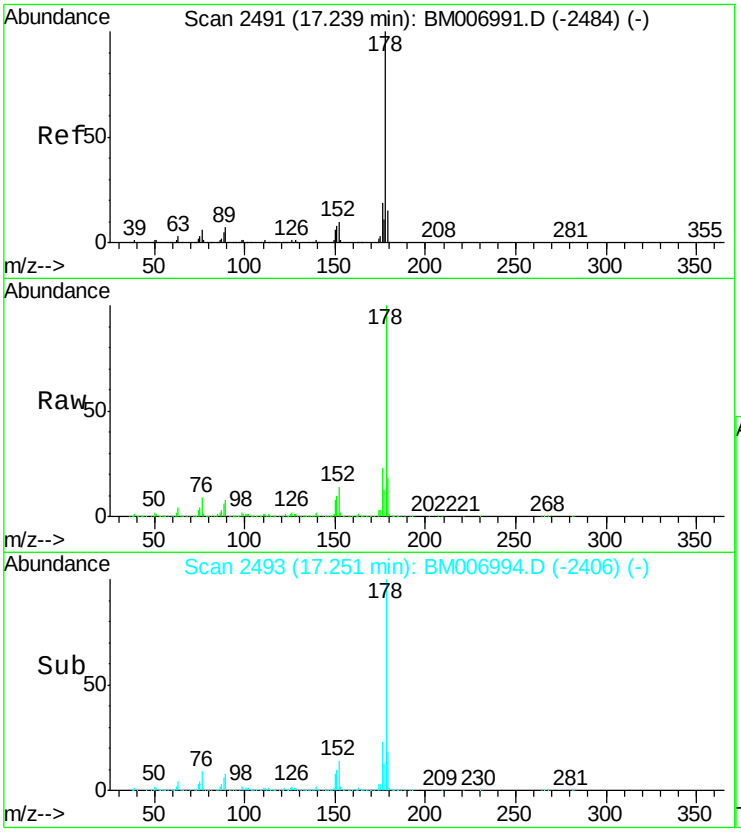


#22
Fluorene
Concen: 111.17 ng/ul
RT: 15.52 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Tgt Ion:166 Resp: 9017963

Ion	Ratio	Lower	Upper
166	100		
165	98.1	76.6	115.0
167	13.7	10.7	16.1



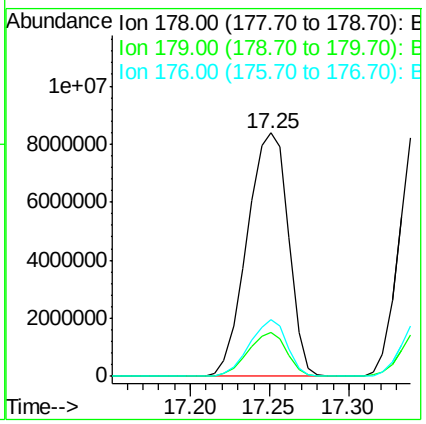


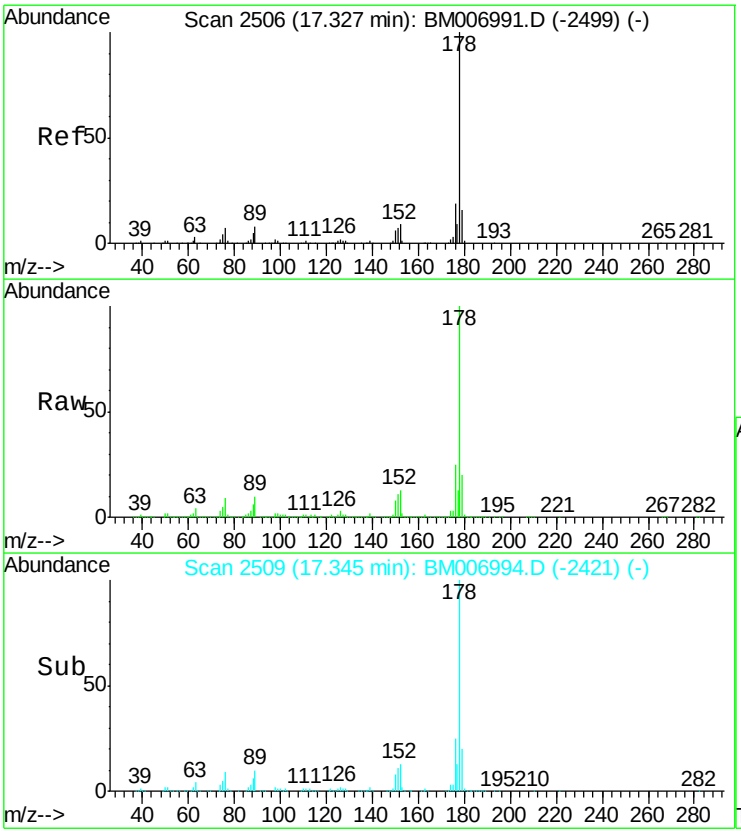
#25
Phenanthrene
Concen: 118.23 ng/ul
RT: 17.25 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Instrument :
BNA_M
ClientSampleId :
SSTD16039

Tgt Ion:178 Resp:15216427

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.2	18.2
176	23.2	15.2	22.8#

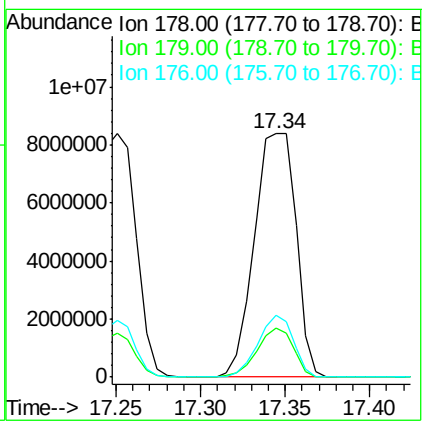


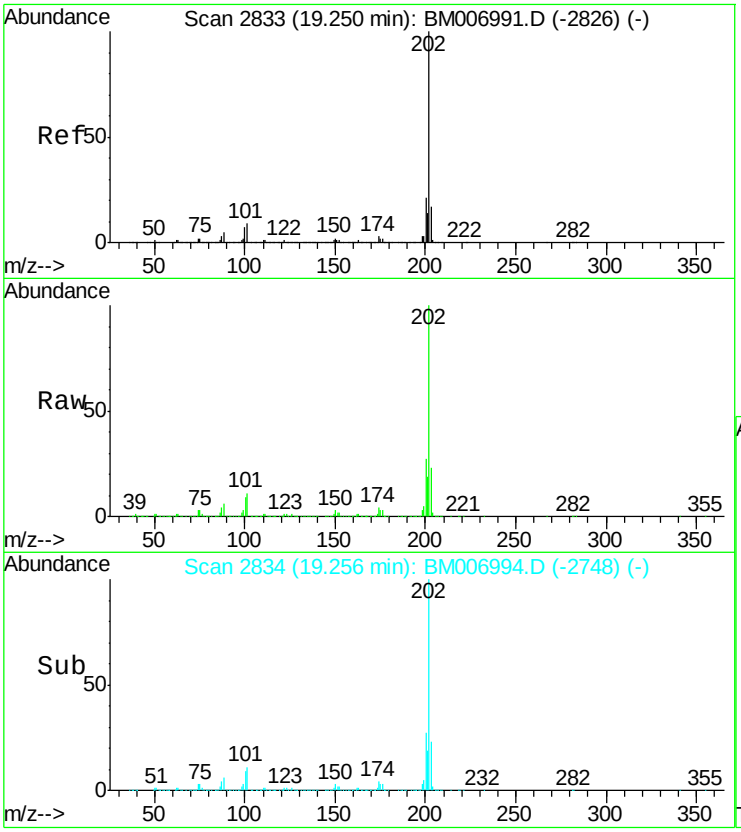


#27
Anthracene
Concen: 107.34 ng/ul
RT: 17.34 min Scan# 2509
Delta R.T. 0.02 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Tgt Ion:178 Resp:14417742

Ion	Ratio	Lower	Upper
178	100		
179	20.3	12.5	18.7#
176	25.2	15.0	22.4#



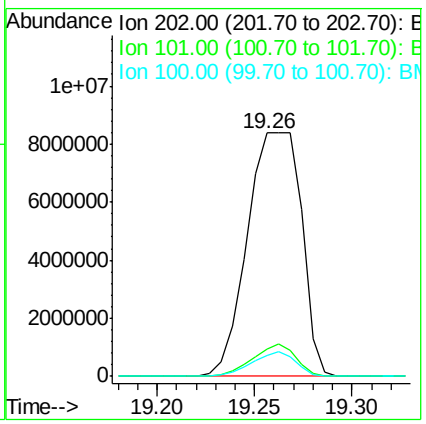


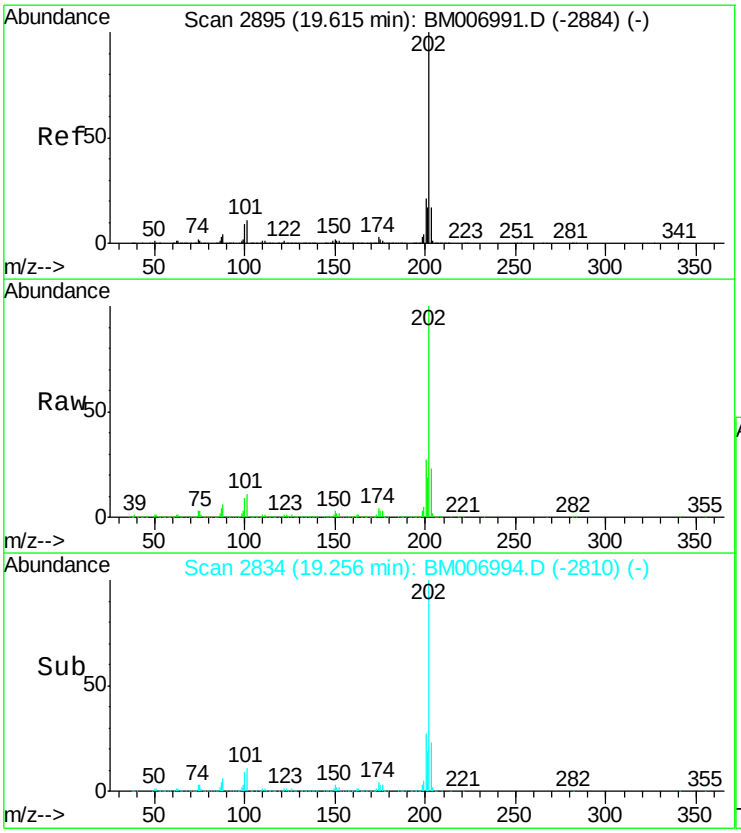
#28
Fluoranthene
Concen: 102.90 ng/ul
RT: 19.26 min Scan# 2834
Delta R.T. 0.01 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Instrument :
BNA_M
ClientSampleId :
SSTD16039

Tgt Ion:202 Resp:16114258

Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.4	11.2#
100	8.6	5.8	8.6

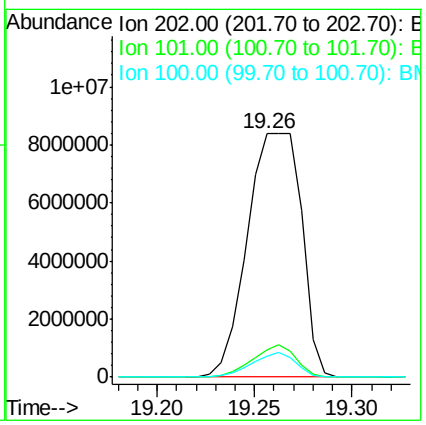


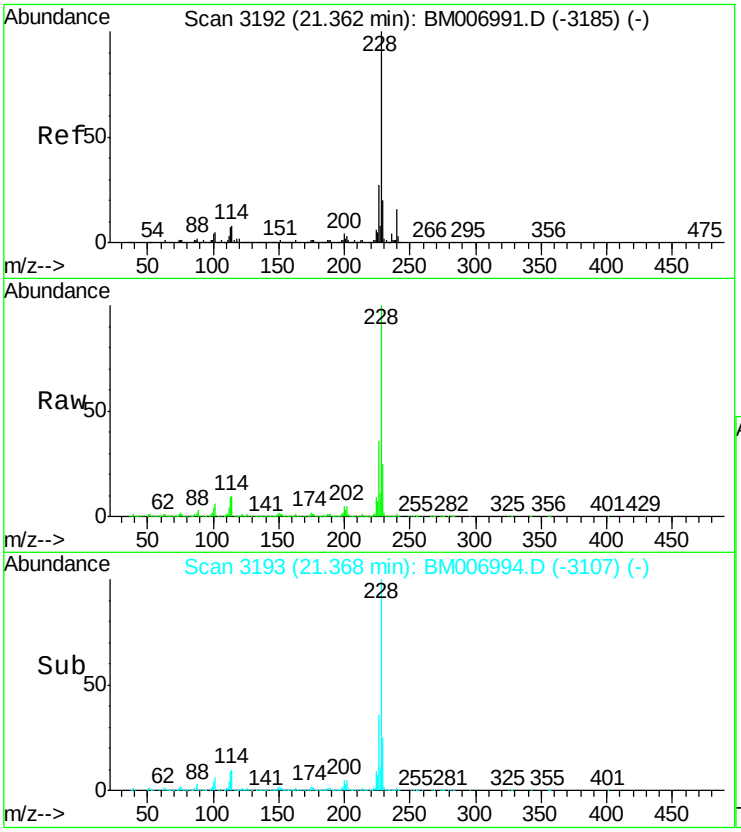


#31
Pyrene
Concen: 109.20 ng/ul
RT: 19.26 min Scan# 2834
Delta R.T. -0.36 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Tgt Ion:202 Resp:16114258

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.5	12.7
100	8.6	7.1	10.7



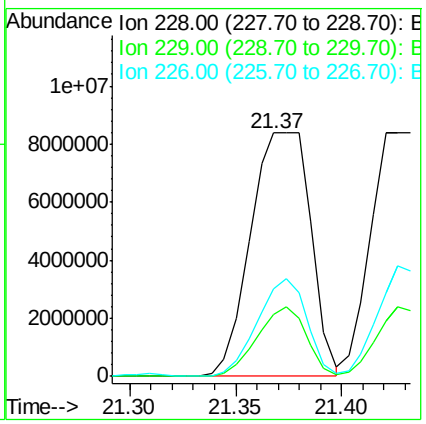


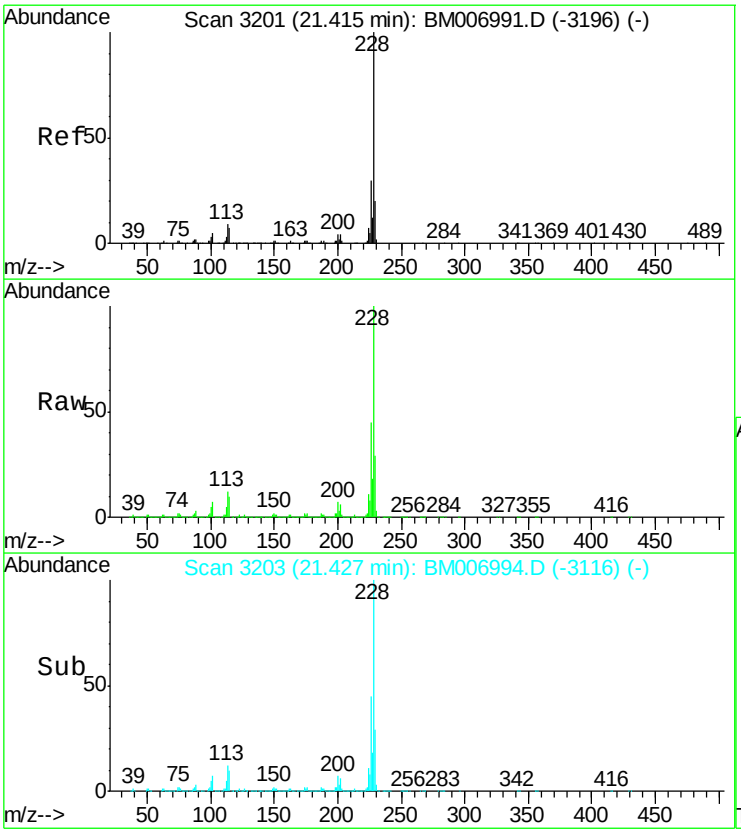
#32
Benzo(a)anthracene
Concen: 118.09 ng/ul
RT: 21.37 min Scan# 3193
Delta R.T. 0.01 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Instrument :
BNA_M
ClientSampleId :
SSTD16039

Tgt Ion:228 Resp:16603968

Ion	Ratio	Lower	Upper
228	100		
229	25.5	15.8	23.6#
226	36.1	21.9	32.9#

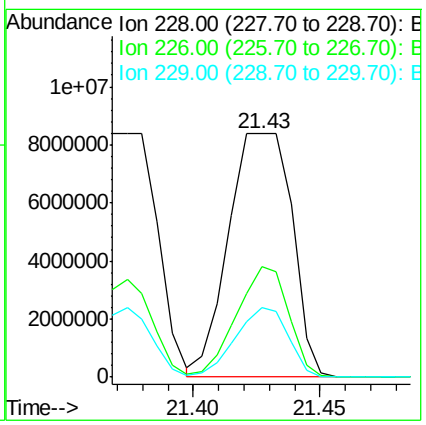


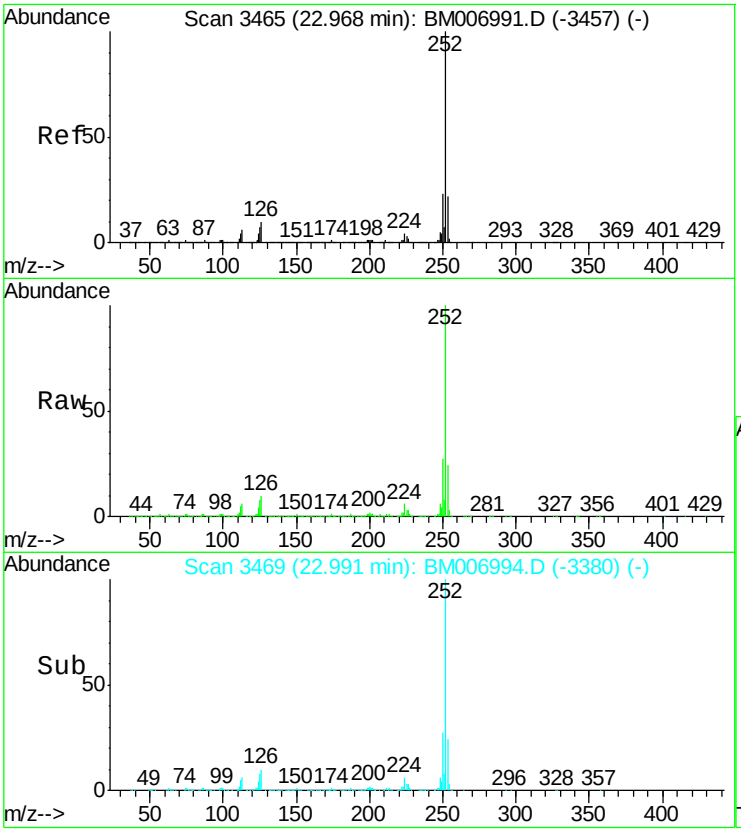


#33
Chrysene
Concen: 116.67 ng/ul
RT: 21.43 min Scan# 3203
Delta R.T. 0.01 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Tgt Ion:228 Resp:14527117

Ion	Ratio	Lower	Upper
228	100		
226	45.2	24.2	36.4#
229	28.7	15.9	23.9#



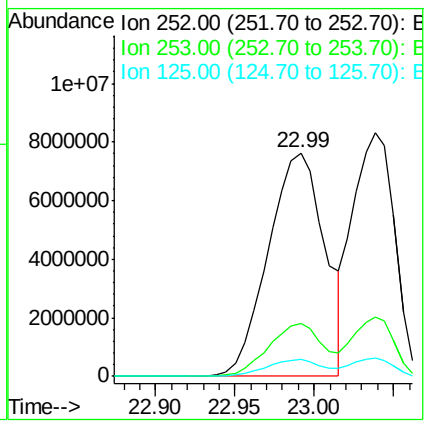


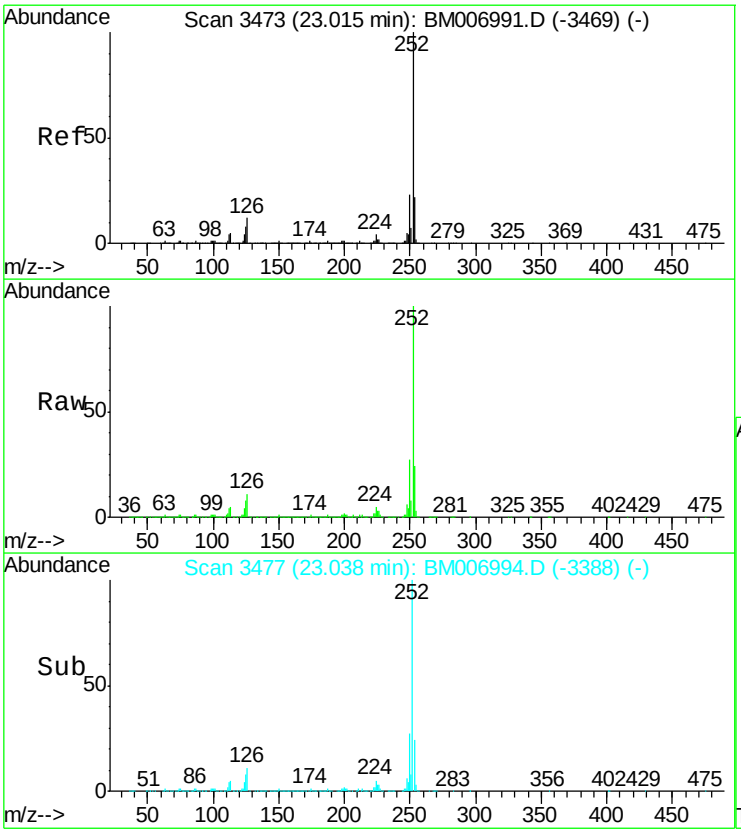
#35
Benzo(b)fluoranthene
Concen: 133.48 ng/ul
RT: 22.99 min Scan# 3469
Delta R.T. 0.02 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Instrument :
BNA_M
ClientSampleId :
SSTD16039

Tgt Ion:252 Resp:18937108

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	7.6	6.0	9.0

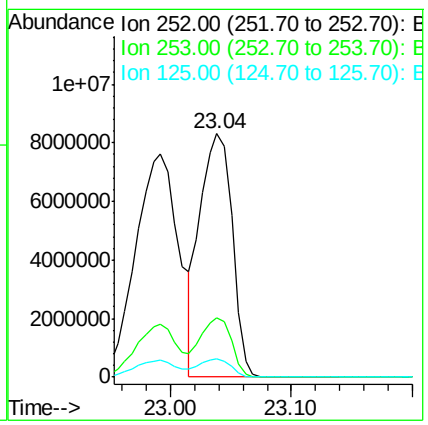


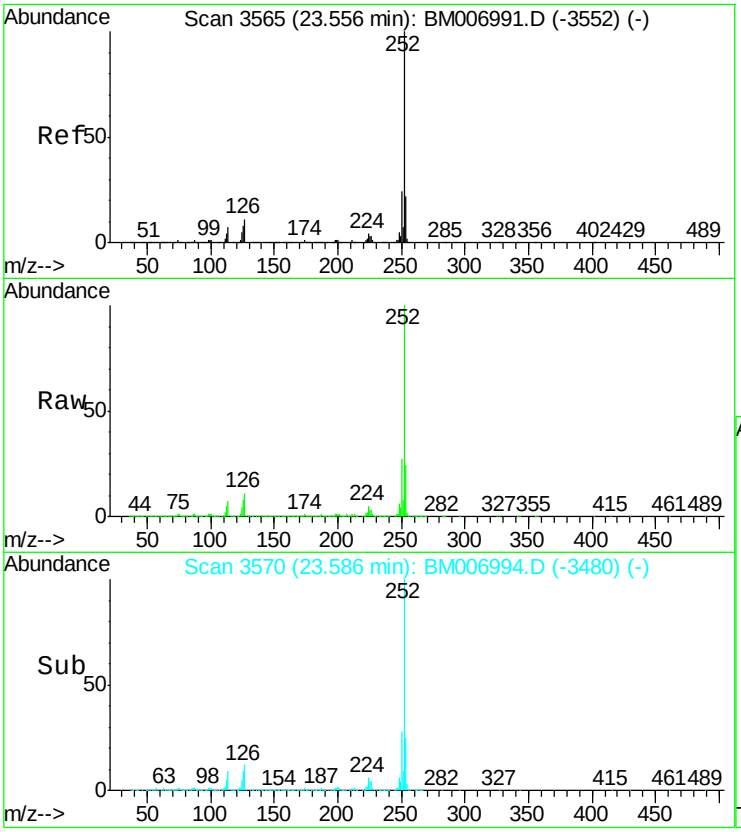


#36
Benzo(k)fluoranthene
Concen: 112.70 ng/ul
RT: 23.04 min Scan# 3477
Delta R.T. 0.02 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Tgt Ion:252 Resp:15300704

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	7.7	6.2	9.4



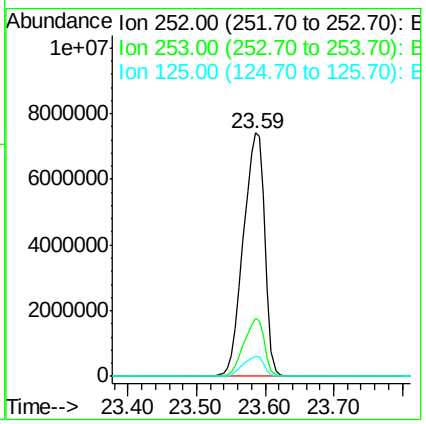


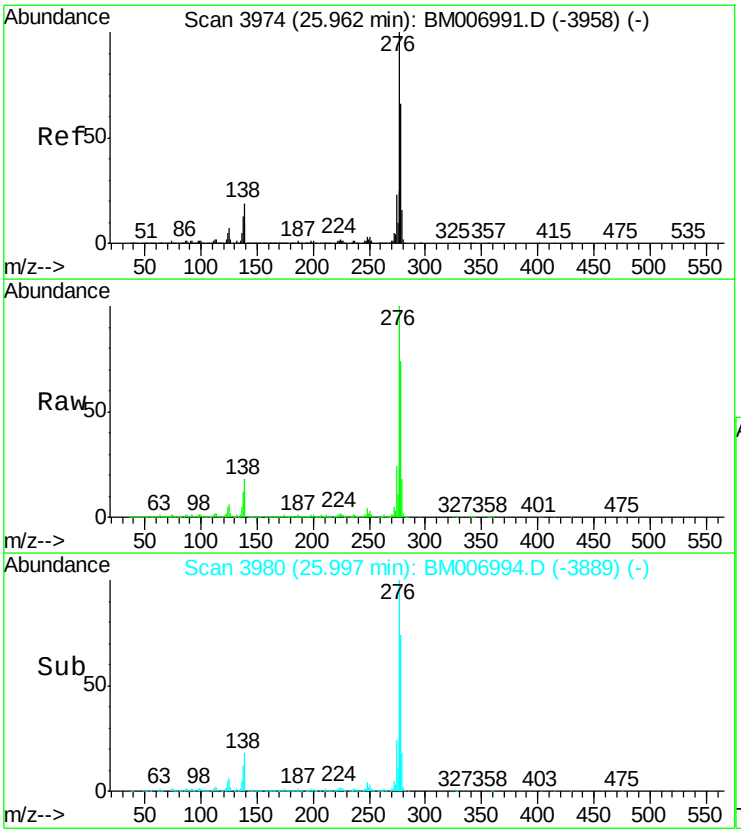
#38
Benzo(a)pyrene
Concen: 126.30 ng/ul
RT: 23.59 min Scan# 3570
Delta R.T. 0.03 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Instrument :
BNA_M
ClientSampleId :
SSTD16039

Tgt Ion:252 Resp:16181655

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	8.3	6.8	10.2

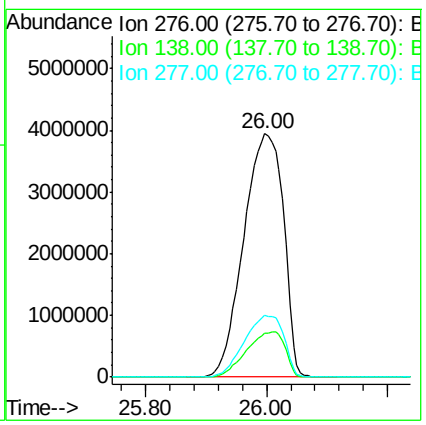


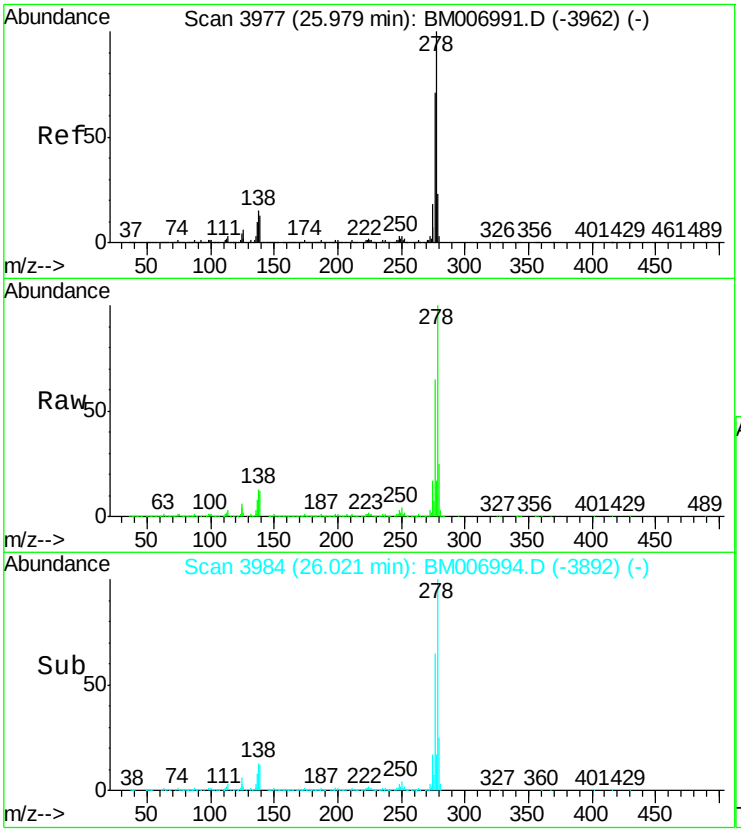


#39
Indeno(1,2,3-cd)pyrene
Concen: 139.59 ng/ul
RT: 26.00 min Scan# 3980
Delta R.T. 0.04 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Tgt Ion:276 Resp:18006075

Ion	Ratio	Lower	Upper
276	100		
138	17.9	14.9	22.3
277	25.2	19.8	29.6



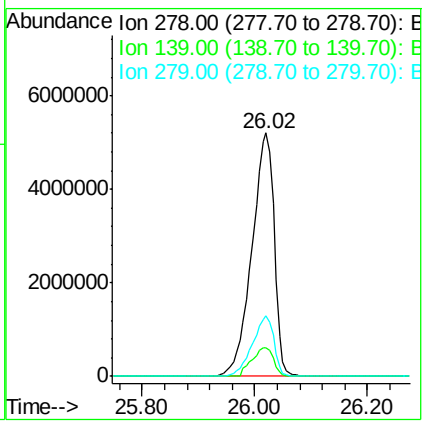


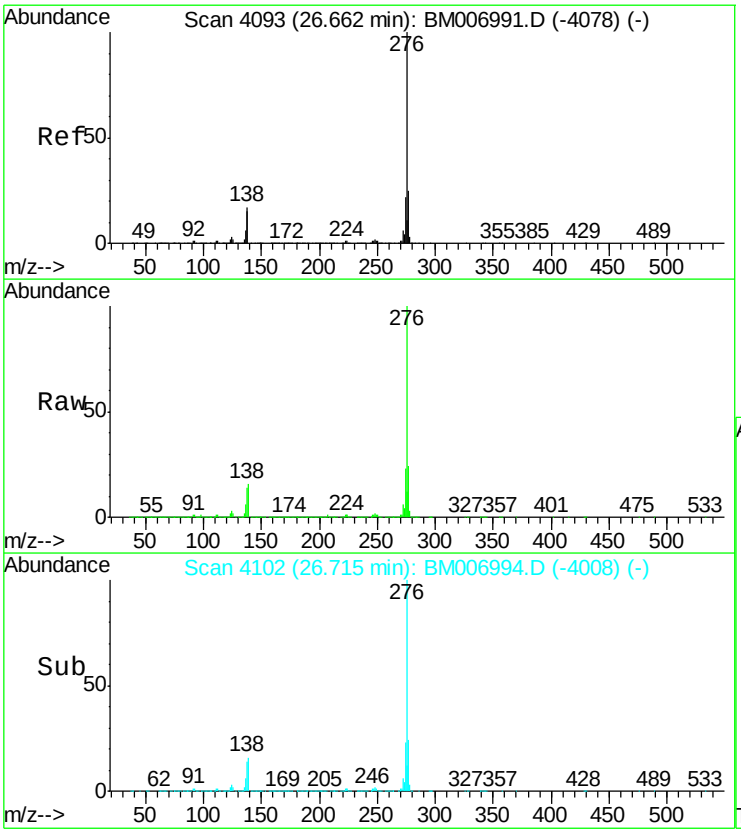
#40
Dibenzo(a,h)anthracene
Concen: 131.39 ng/ul
RT: 26.02 min Scan# 3984
Delta R.T. 0.04 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Instrument :
BNA_M
ClientSampleId :
SSTD16039

Tgt Ion:278 Resp:14238429

Ion	Ratio	Lower	Upper
278	100		
139	11.8	10.3	15.5
279	24.8	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 152.51 ng/ul
RT: 26.71 min Scan# 4102
Delta R.T. 0.05 min
Lab File: BM006994.D
Acq: 09 Aug 2016 22:32

Tgt Ion:276 Resp:15646309

Ion	Ratio	Lower	Upper
276	100		
138	16.3	14.0	21.0
277	24.3	19.6	29.4