Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006833.D
Acq On : 01 Aug 2016 20:17
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02066

Quant Time: Aug 02 00:48:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	282171	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	1179817	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	636630	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	1331675	20.00	ng/ul	0.11
29) Chrysene-d12	21.22	240	1435139	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1549283	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	51959	7.45	ng/uL	0.00
3) Phenol-d5	6.80	99	507437	21.14	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.95	67	310211	20.86	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	396707	20.68	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	388132	20.85	ng/ul	0.01
8) Nitrobenzene-d5	8.76	128	190213	21.30	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	209640	22.07	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	373919	20.84	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	476139	24.09	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	998720	20.01	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1315616	20.65	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	171608	19.79	ng/ul	0.02
21) Fluorene-d10	15.26	176	886155	19.85	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	118017	17.07	ng/ul	0.02
26) Anthracene-d10	17.12	188	1331675	21.06	ng/ul	0.00
30) Pyrene-d10	19.42	212	1427193	21.82	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1449945	20.35	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	10.44	128	1197198	19.68	ng/ul	98
13) 2-Methylnaphthalene	12.06	142	868030	19.44	ng/ul	98
14) 1-Methylnaphthalene	12.28	142	818761	19.23	ng/ul#	95
18) Acenaphthylene	13.99	152	1361792	19.96	ng/ul	96
19) Acenaphthene	14.33	153	863050	19.68	ng/ul	94
22) Fluorene	15.32	166	966541	19.56	ng/ul	96
25) Phenanthrene	17.15	178	1600203	21.37	ng/ul	99
27) Anthracene	17.15	178	1600203	20.75	ng/ul	98
28) Fluoranthene	19.09	202	1815343	20.63	ng/ul	98
31) Pyrene	19.45	202	1861854	21.43	ng/ul	98
32) Benzo(a)anthracene	21.21	228	1745378	20.07	ng/ul	98
33) Chrysene	21.26	228	1644900	20.51	ng/ul	98
35) Benzo(b)fluoranthene	22.77	252	1856982	20.00	ng/ul	99
36) Benzo(k)fluoranthene	22.81	252	1771729	19.73	ng/ul	98
38) Benzo(a)pyrene	23.34	252	1805888	19.98	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.66	276	2102785	20.09	ng/ul	95
40) Dibenzo(a,h)anthracene	25.66	278	1749961	20.17	ng/ul	97
41) Benzo(g,h,i)perylene	26.33	276	1835970	20.46	ng/ul	97

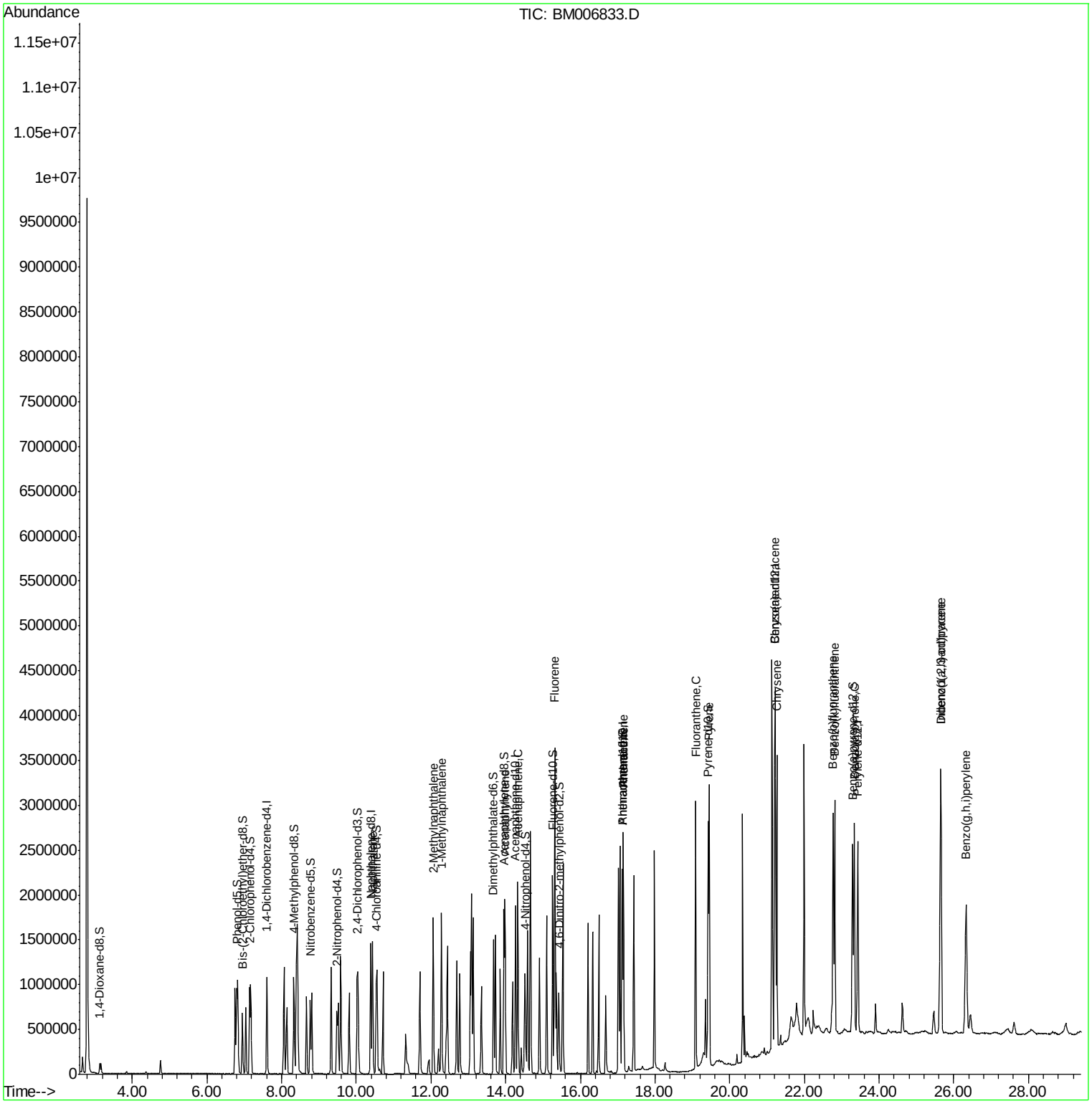
(#) = qualifier out of range (m) = manual integration (+) = signals summed

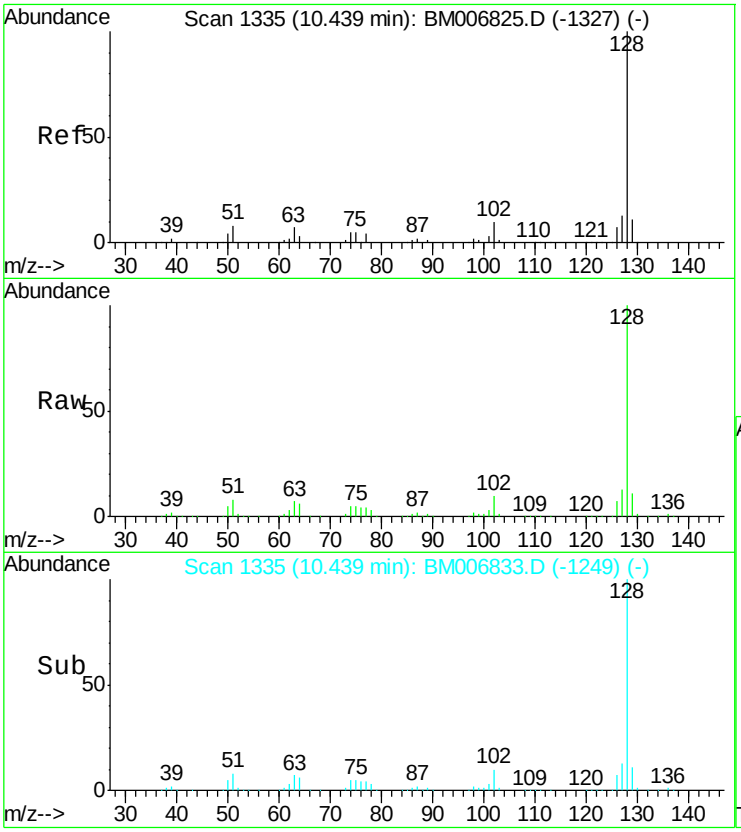
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006833.D
Acq On : 01 Aug 2016 20:17
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02066

Quant Time: Aug 02 00:48:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration



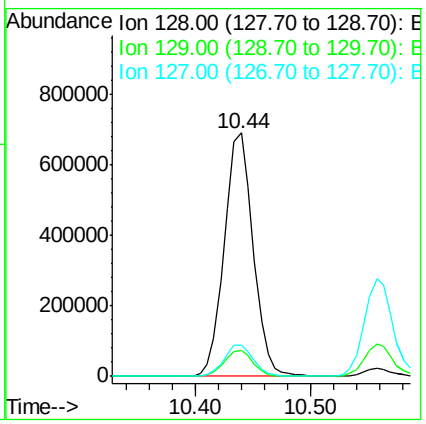


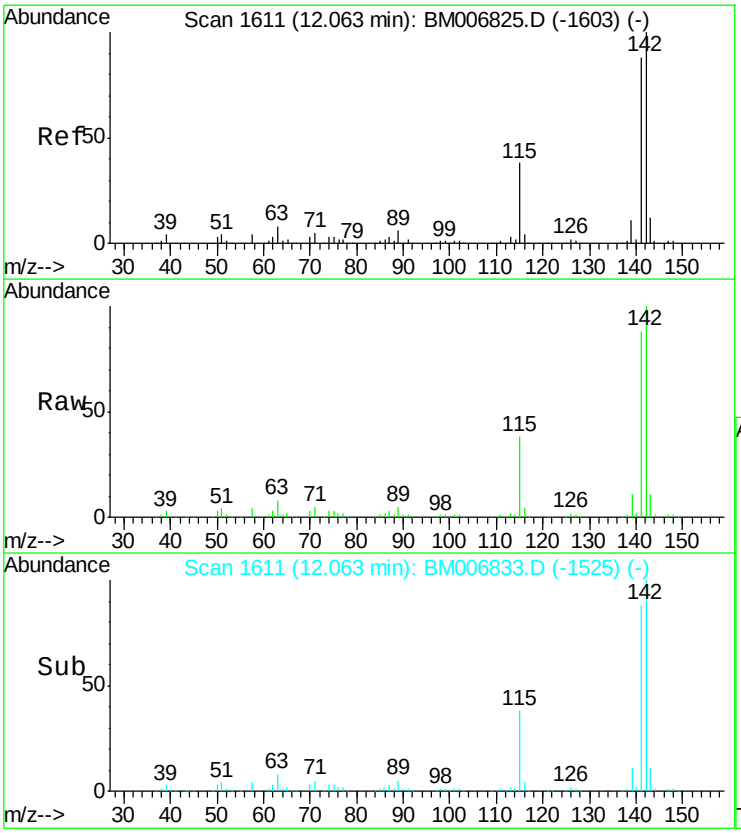
#11
Naphthalene
Concen: 19.68 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:128 Resp: 1197198

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.3	12.5
127	12.7	10.8	16.2

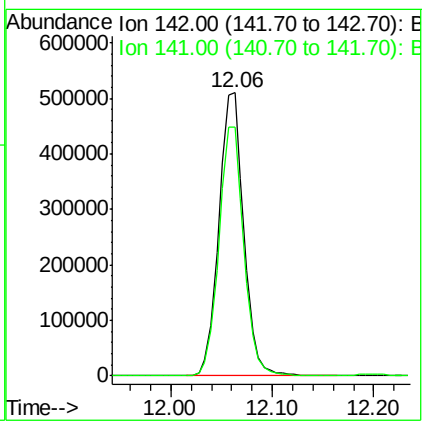


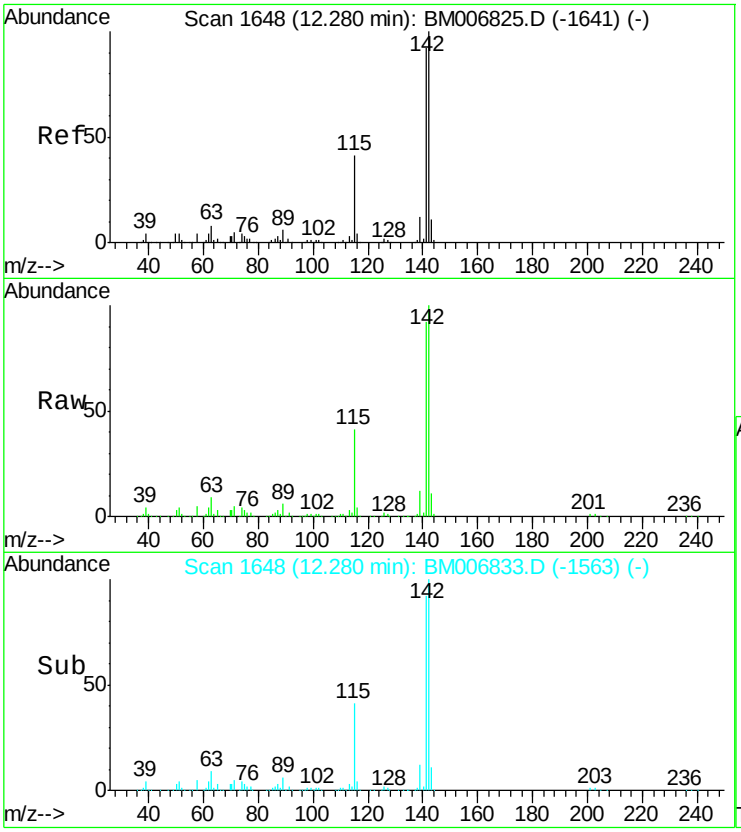


#13
2-Methylnaphthalene
Concen: 19.44 ng/ul
RT: 12.06 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Tgt Ion:142 Resp: 868030

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9



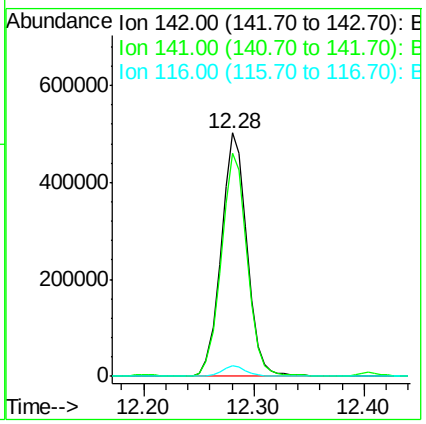


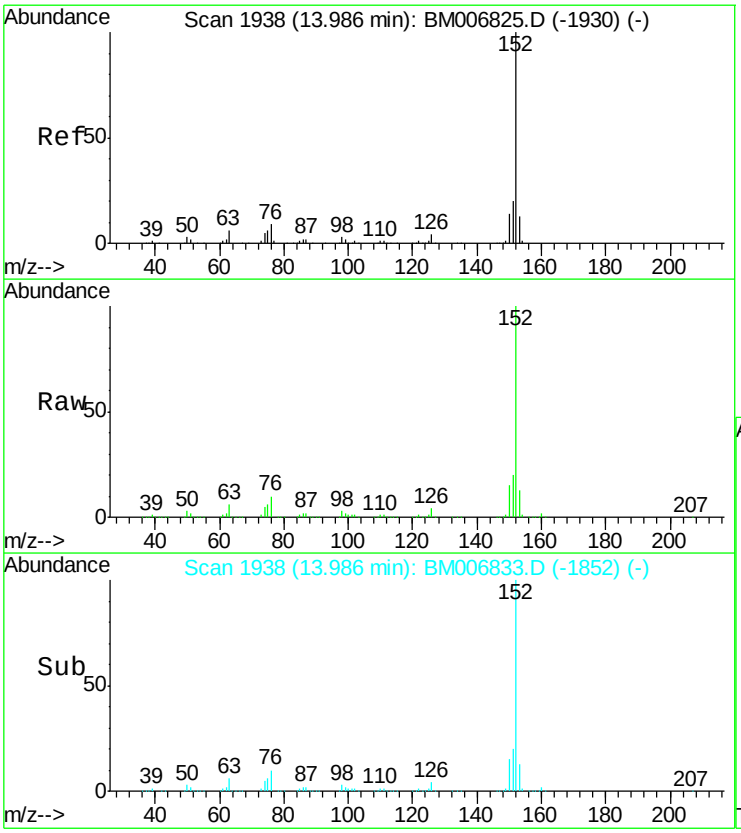
#14
1-Methylnaphthalene
Concen: 19.23 ng/ul
RT: 12.28 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:142 Resp: 818761

Ion	Ratio	Lower	Upper
142	100		
141	91.7	77.0	115.4
116	4.2	4.2	6.4#

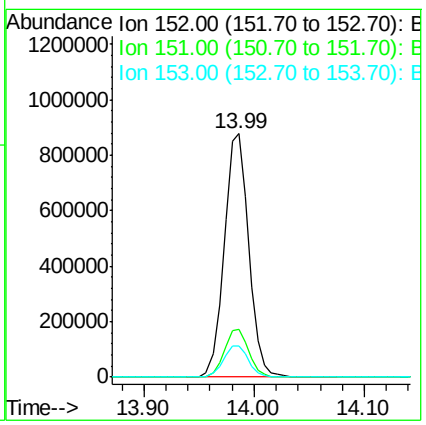


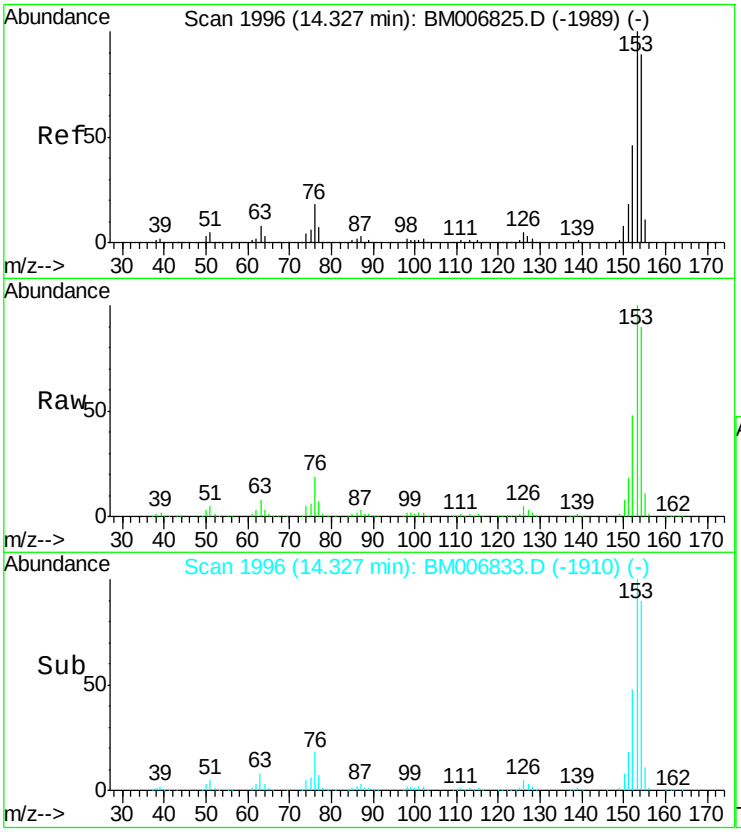


#18
Acenaphthylene
Concen: 19.96 ng/ul
RT: 13.99 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Tgt Ion:152 Resp: 1361792

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.3	25.9
153	12.7	11.1	16.7



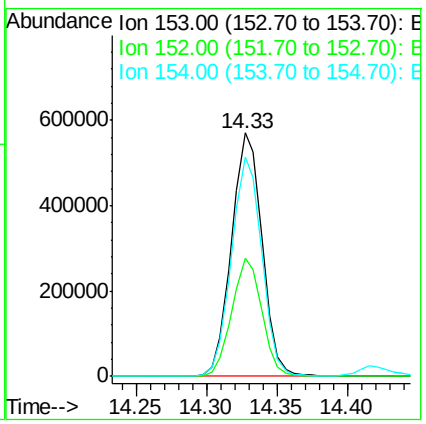


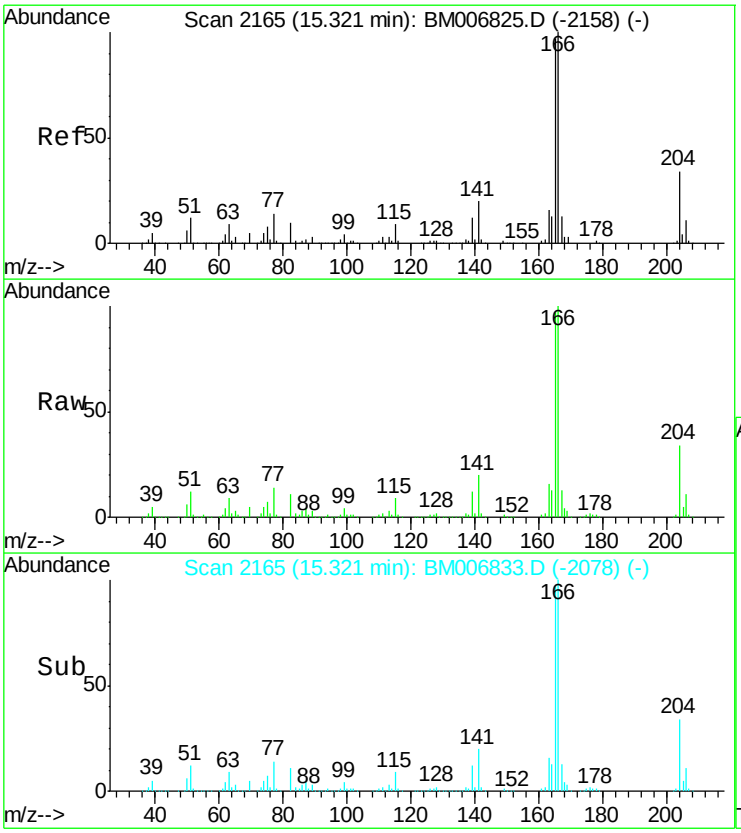
#19
Acenaphthene
Concen: 19.68 ng/ul
RT: 14.33 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:153 Resp: 863050

Ion	Ratio	Lower	Upper
153	100		
152	48.3	36.5	54.7
154	90.1	67.3	100.9

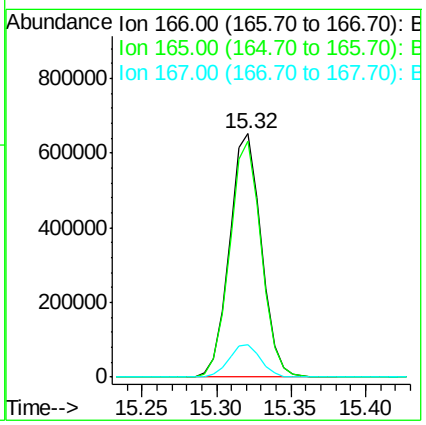


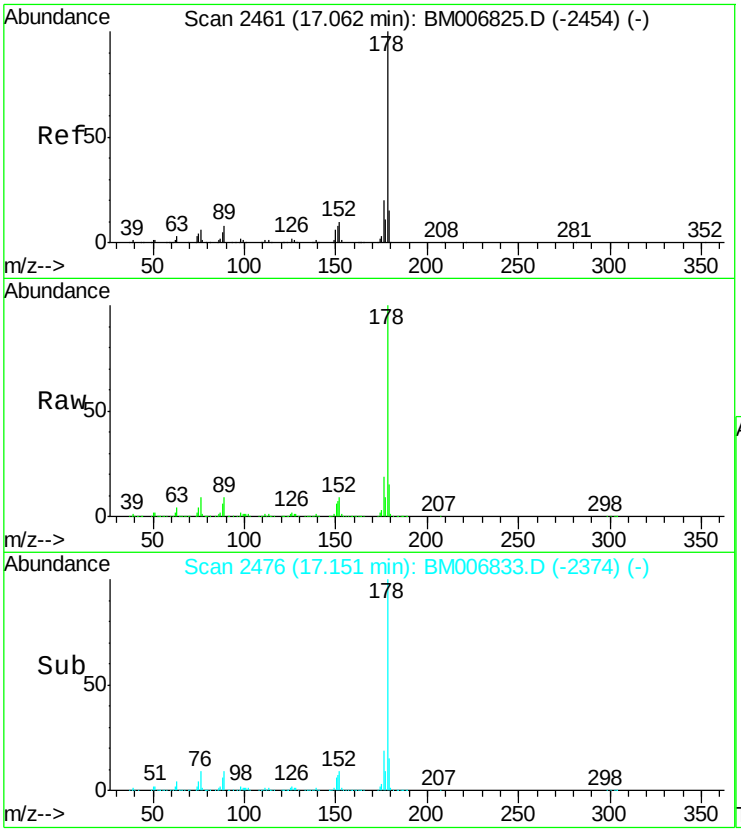


#22
Fluorene
Concen: 19.56 ng/ul
RT: 15.32 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Tgt Ion:166 Resp: 966541

Ion	Ratio	Lower	Upper
166	100		
165	96.8	81.1	121.7
167	13.3	10.6	16.0



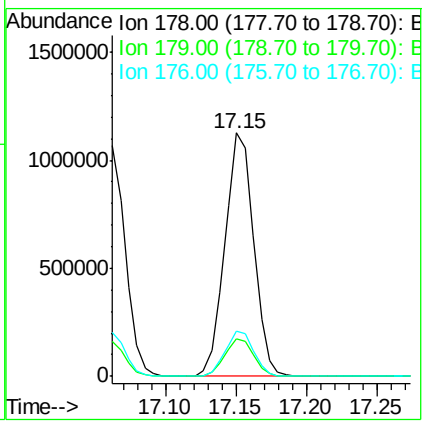


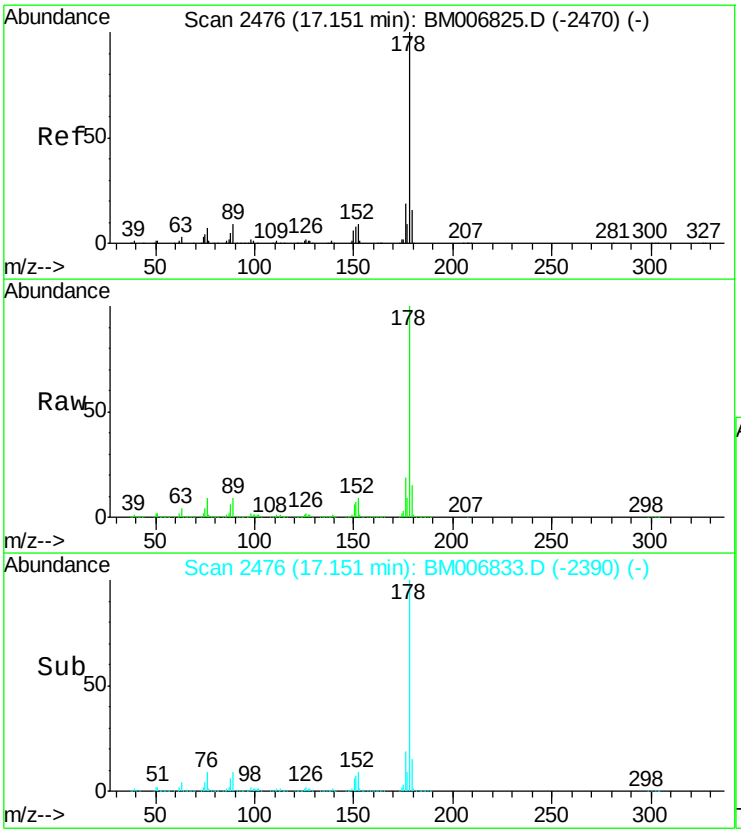
#25
Phenanthrene
Concen: 21.37 ng/ul
RT: 17.15 min Scan# 2476
Delta R.T. 0.10 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:178 Resp: 1600203

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.7	14.8	22.2

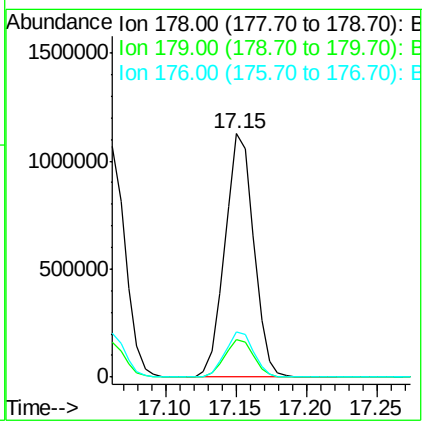


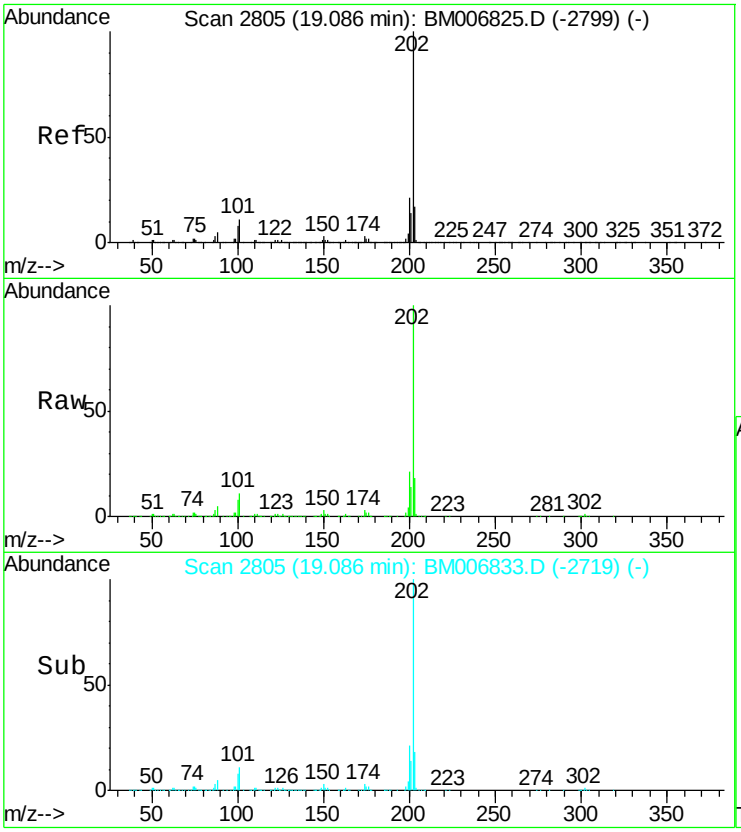


#27
Anthracene
Concen: 20.75 ng/ul
RT: 17.15 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Tgt Ion:178 Resp: 1600203

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	18.7	15.6	23.4



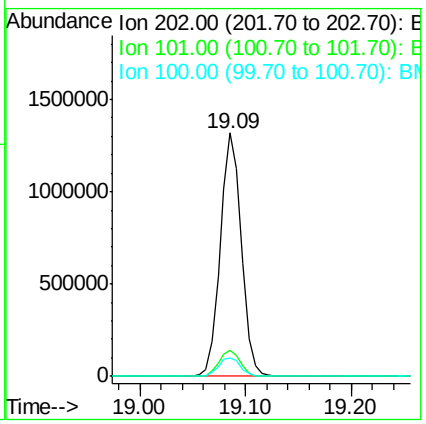


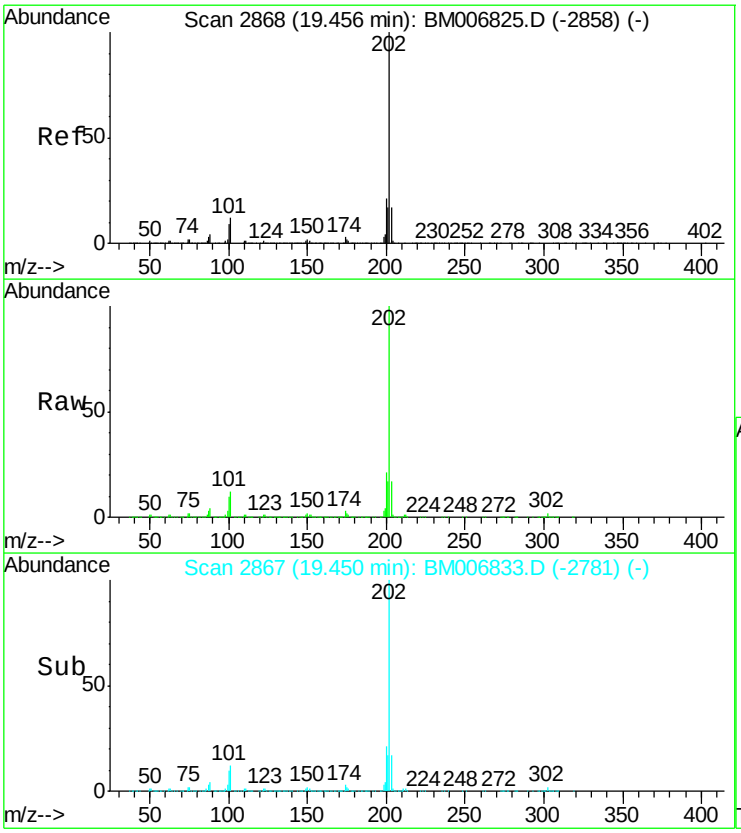
#28
Fluoranthene
Concen: 20.63 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:202 Resp: 1815343

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
100	7.7	7.0	10.4

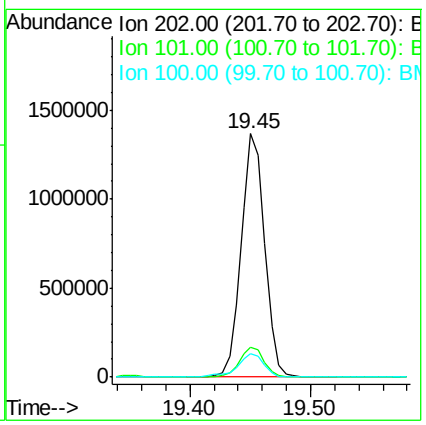


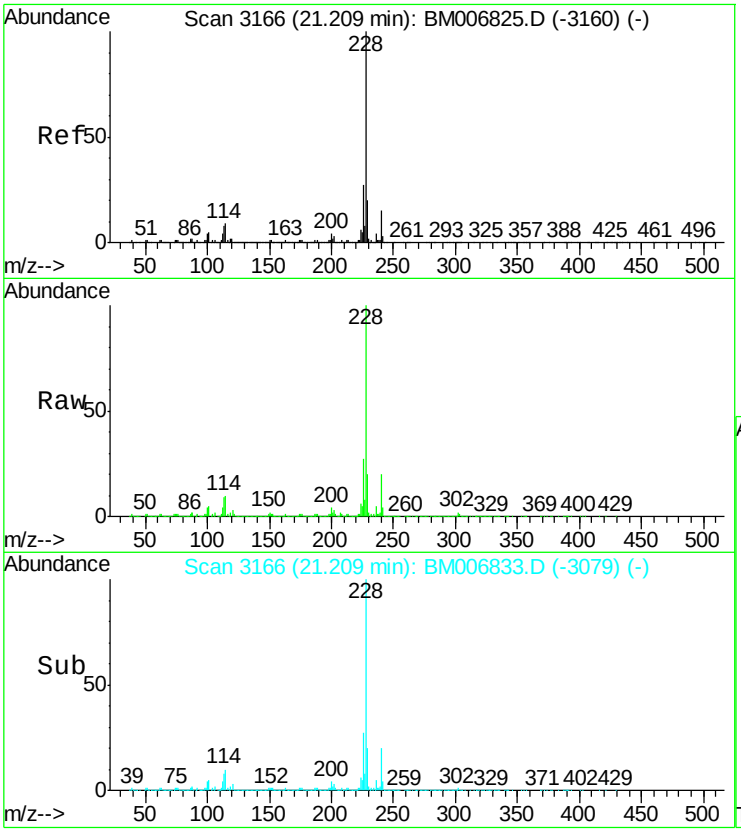


#31
Pyrene
Concen: 21.43 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.01 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Tgt Ion:202 Resp: 1861854

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	9.9	9.3	13.9



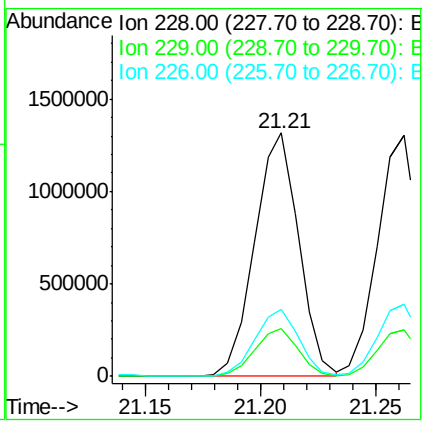


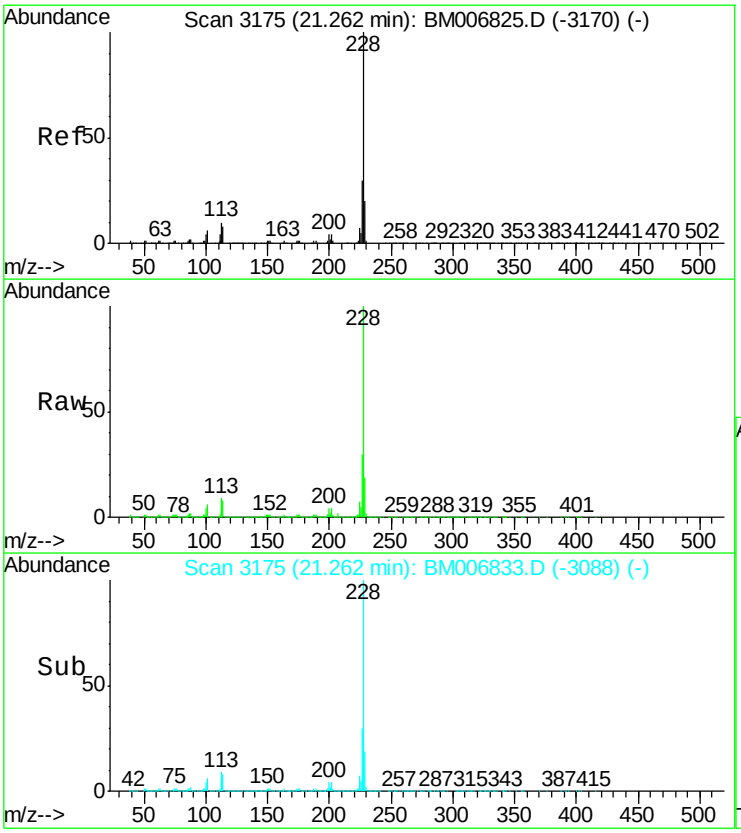
#32
Benzo(a)anthracene
Concen: 20.07 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. 0.01 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:228 Resp: 1745378

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.6	25.0
226	27.4	21.0	31.4

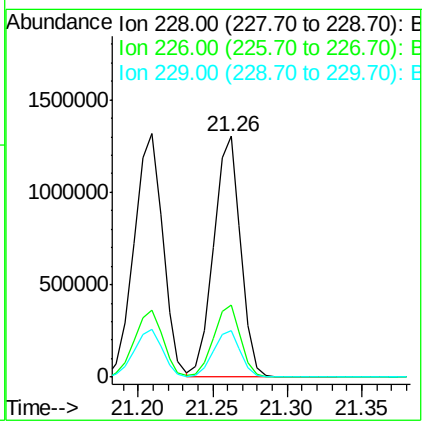


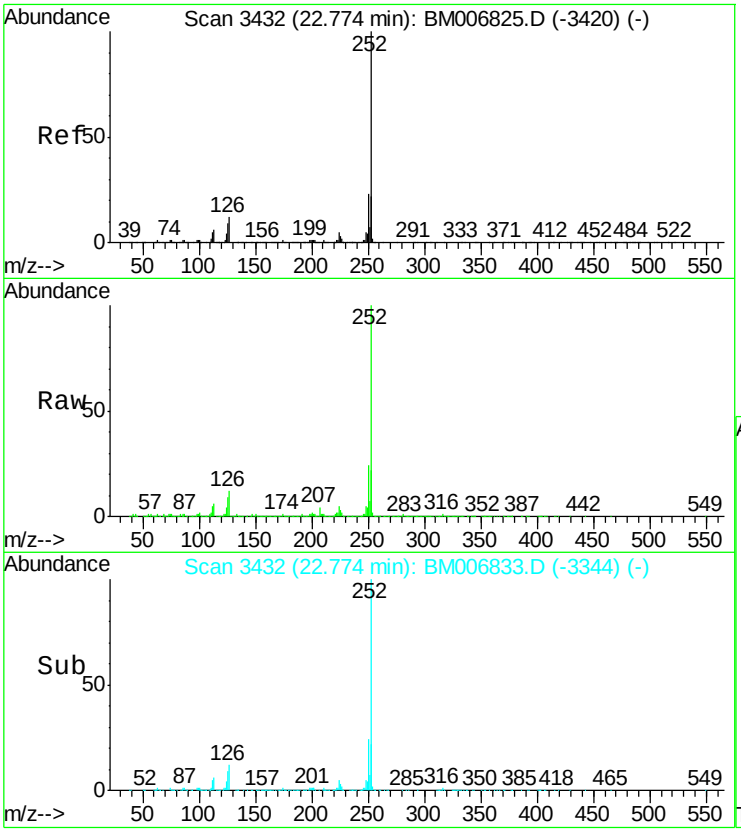


#33
Chrysene
Concen: 20.51 ng/ul
RT: 21.26 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Tgt Ion:228 Resp: 1644900

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	19.3	16.2	24.2



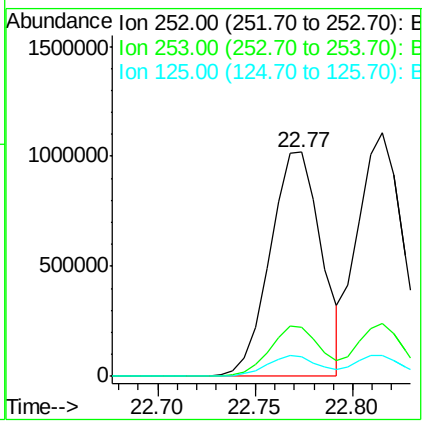


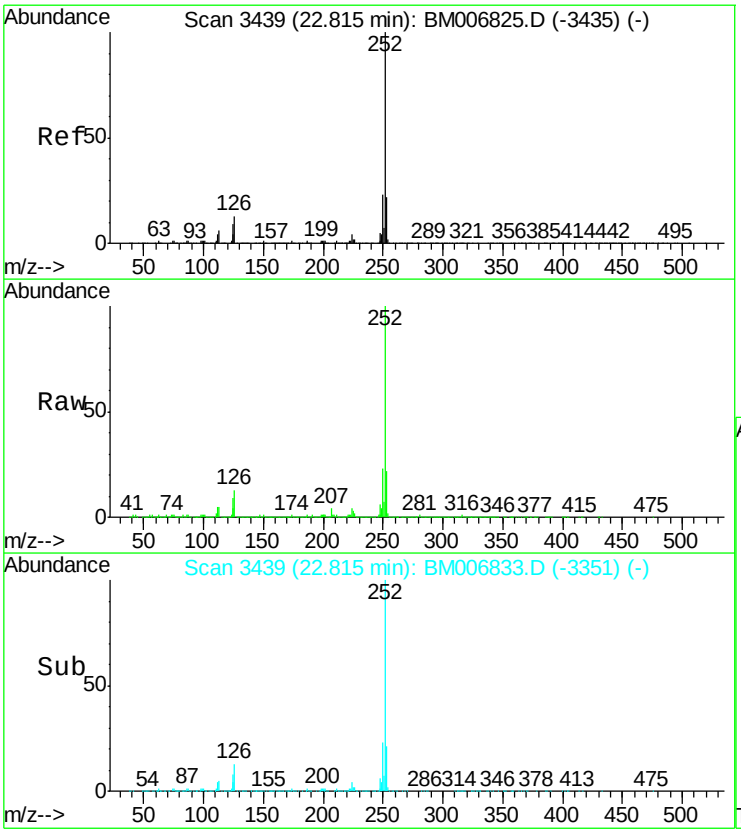
#35
Benzo(b)fluoranthene
Concen: 20.00 ng/ul
RT: 22.77 min Scan# 3432
Delta R.T. 0.02 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:252 Resp: 1856982

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	9.0	7.6	11.4

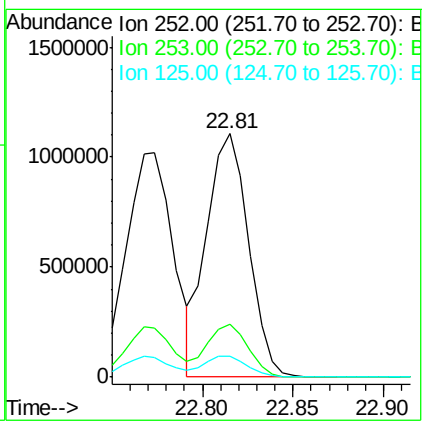


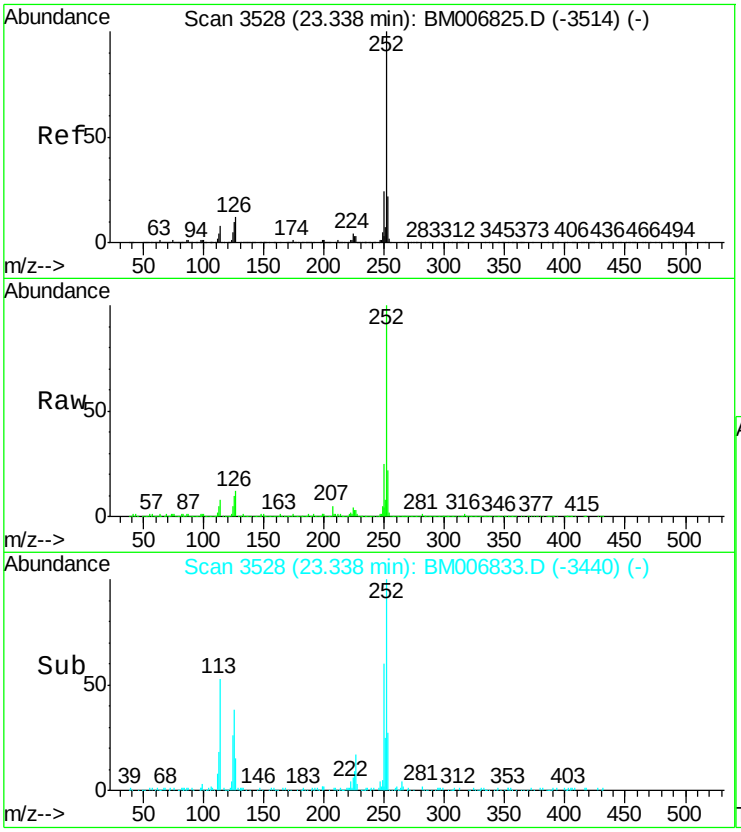


#36
Benzo(k)fluoranthene
Concen: 19.73 ng/ul
RT: 22.81 min Scan# 3439
Delta R.T. 0.02 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Tgt Ion:252 Resp: 1771729

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	8.6	7.7	11.5



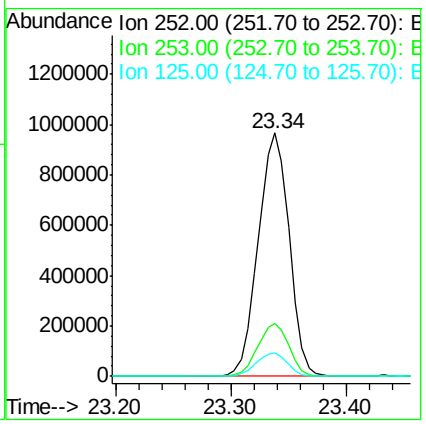


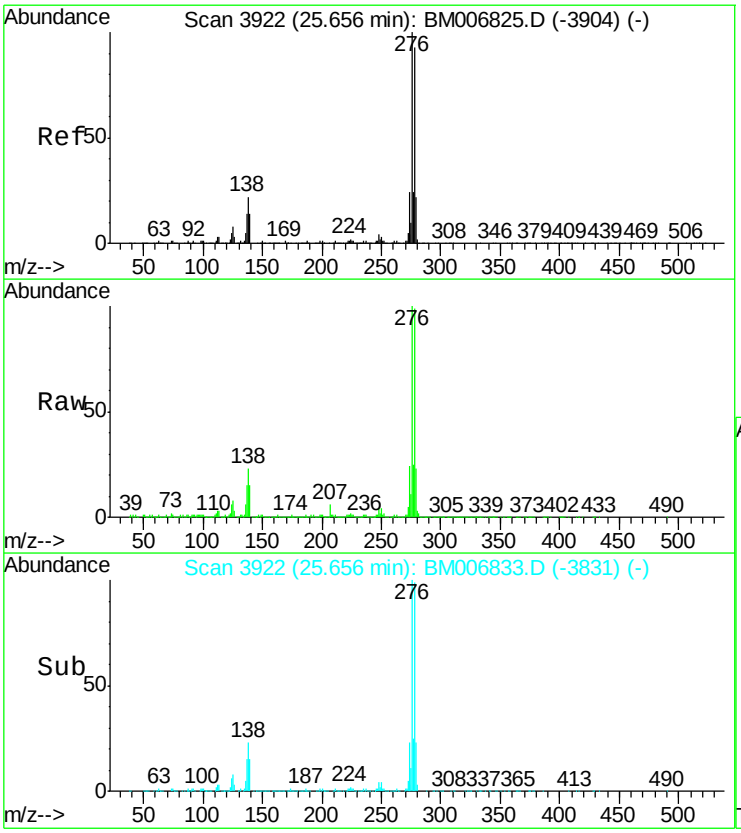
#38
Benzo(a)pyrene
Concen: 19.98 ng/ul
RT: 23.34 min Scan# 3528
Delta R.T. 0.02 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:252 Resp: 1805888

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.7	8.2	12.2

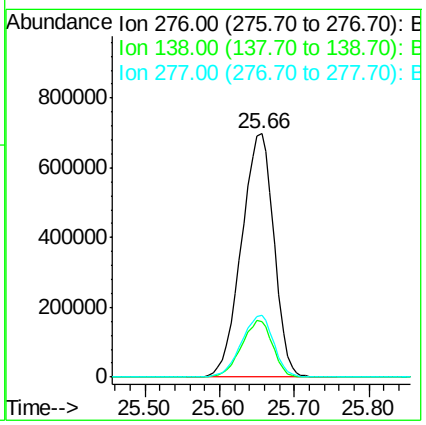


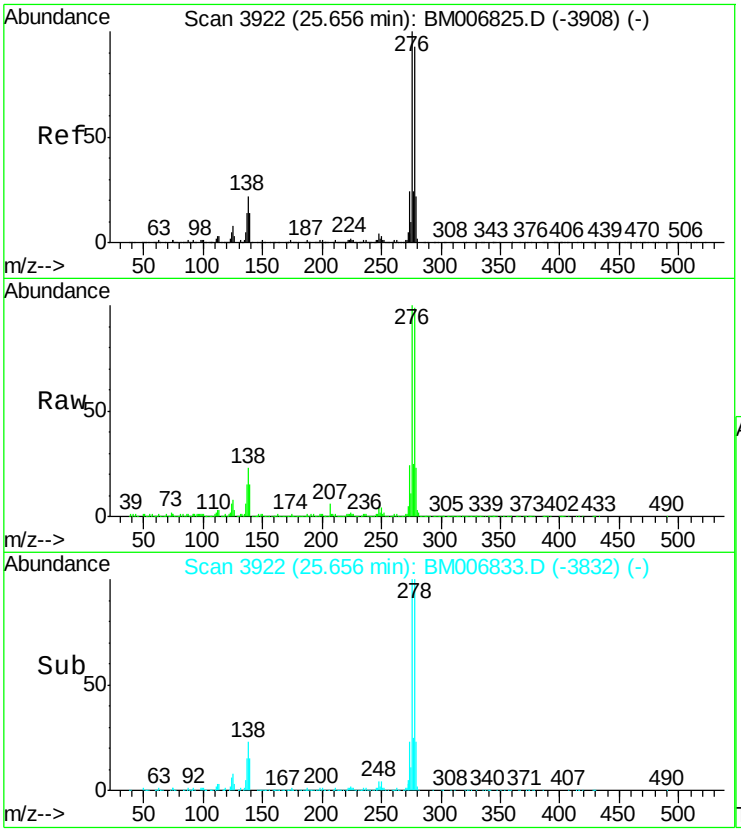


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.09 ng/ul
RT: 25.66 min Scan# 3922
Delta R.T. 0.04 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Tgt Ion:276 Resp: 2102785

Ion	Ratio	Lower	Upper
276	100		
138	22.9	15.8	23.6
277	25.4	19.0	28.6



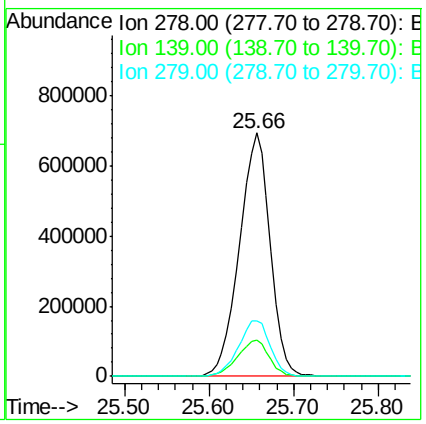


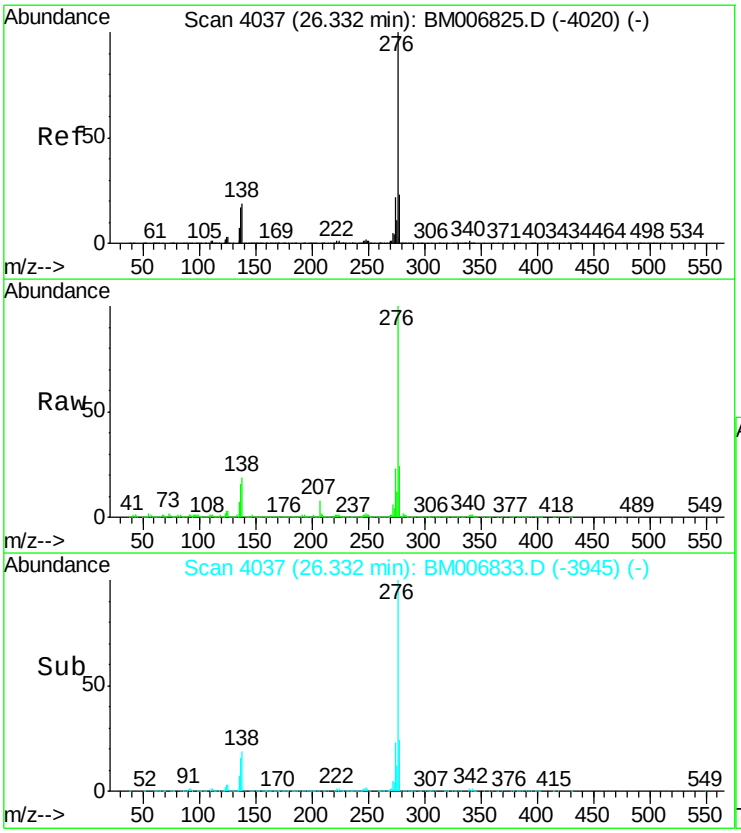
#40
Dibenzo(a,h)anthracene
Concen: 20.17 ng/ul
RT: 25.66 min Scan# 3922
Delta R.T. 0.03 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Tgt Ion:278 Resp: 1749961

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.1	18.1
279	22.9	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 20.46 ng/ul
RT: 26.33 min Scan# 4037
Delta R.T. 0.04 min
Lab File: BM006833.D
Acq: 01 Aug 2016 20:17

Tgt Ion:276 Resp: 1835970

Ion	Ratio	Lower	Upper
276	100		
138	19.3	13.9	20.9
277	24.1	19.8	29.6