Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM072016\
Data File : BM006561.D
Acq On : 20 Jul 2016 19:09
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02054

Quant Time: Jul 21 01:01:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 18:59:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	126546	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	533150	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	293823	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	670101	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	806680	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	844423	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	25632	8.19	ng/uL	0.00
3) Phenol-d5	6.79	99	217749	20.23	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	137943	20.68	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	172470	20.05	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	170861	20.46	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	81139	20.11	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	87673	20.43	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	163044	20.10	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	217974	24.40	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	465208	20.19	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	602147	20.48	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	83723	20.92	ng/ul	0.00
21) Fluorene-d10	15.26	176	415075	20.15	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	67424	19.38	ng/ul	0.00
26) Anthracene-d10	17.12	188	647236	20.34	ng/ul	0.00
30) Pyrene-d10	19.42	212	733718	19.96	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	792015	20.39	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.44	128	544267	19.80	ng/ul	98
13) 2-Methylnaphthalene	12.06	142	395108	19.59	ng/ul	99
14) 1-Methylnaphthalene	12.29	142	378653	19.68	ng/ul#	95
18) Acenaphthylene	13.98	152	634924	20.16	ng/ul	96
19) Acenaphthene	14.33	153	406987	20.11	ng/ul	95
22) Fluorene	15.32	166	470061	20.61	ng/ul	96
25) Phenanthrene	17.06	178	765194	20.30	ng/ul	99
27) Anthracene	17.14	178	802080	20.67	ng/ul	98
28) Fluoranthene	19.08	202	922226	20.83	ng/ul	97
31) Pyrene	19.44	202	978962	20.04	ng/ul	98
32) Benzo(a)anthracene	21.20	228	980998	20.07	ng/ul	98
33) Chrysene	21.25	228	910985	20.21	ng/ul	98
35) Benzo(b)fluoranthene	22.75	252	1025484	20.26	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	1000764	20.45	ng/ul	98
38) Benzo(a)pyrene	23.31	252	1005292	20.40	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.60	276	1170231	20.51	ng/ul	95
40) Dibenzo(a,h)anthracene	25.61	278	978720	20.69	ng/ul	97
41) Benzo(g,h,i)perylene	26.28	276	997813	20.40	ng/ul	97

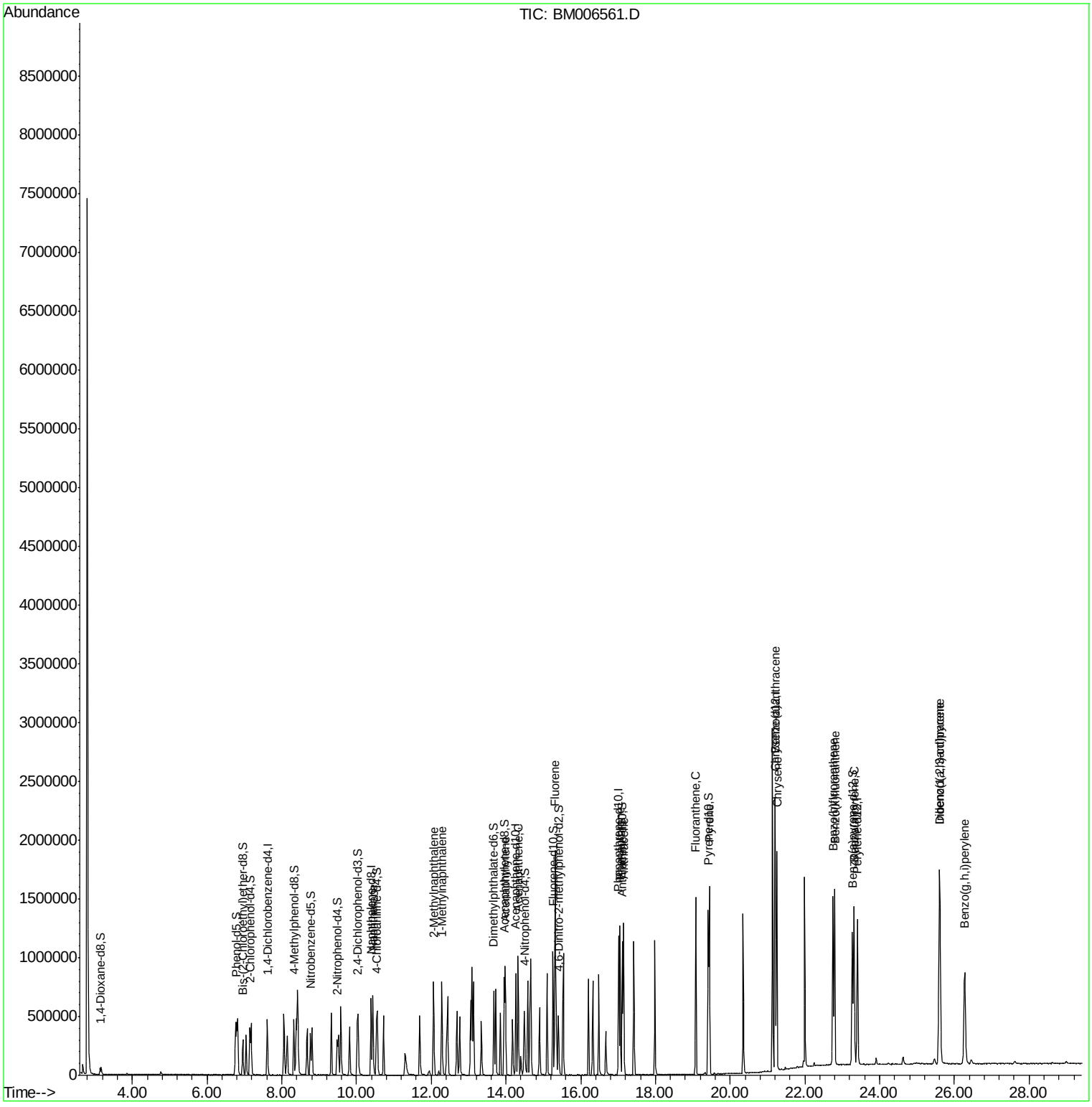
(#) = qualifier out of range (m) = manual integration (+) = signals summed

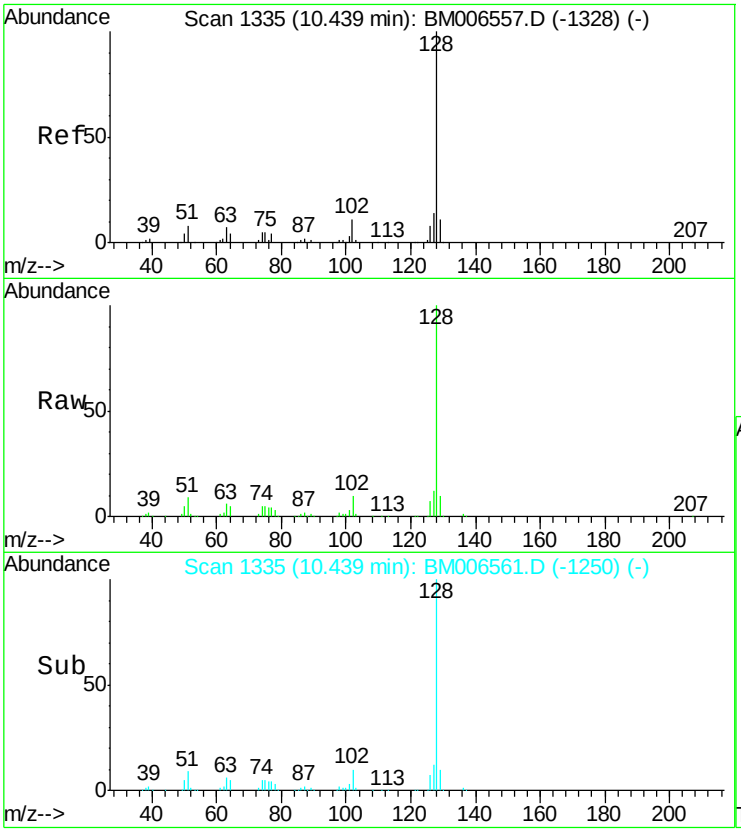
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM072016\
Data File : BM006561.D
Acq On : 20 Jul 2016 19:09
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02054

Quant Time: Jul 21 01:01:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 18:59:53 2016
Response via : Initial Calibration



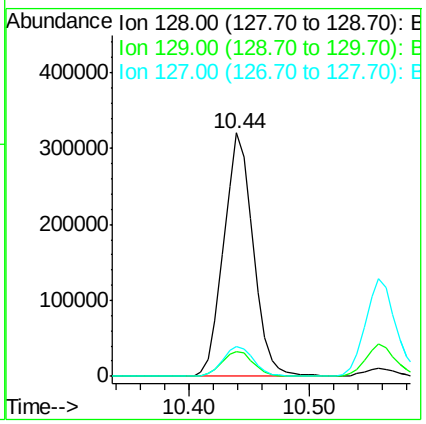


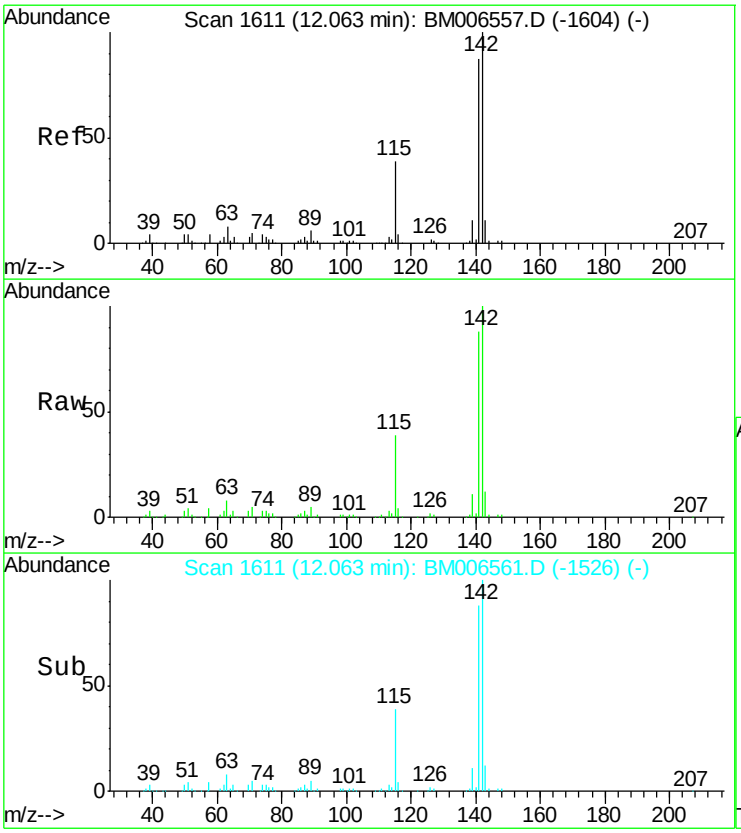
#11
Naphthalene
Concen: 19.80 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Instrument :
BNA_M
ClientSampleId :
SSTD02054

Tgt Ion:128 Resp: 544267

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.3	12.5
127	12.4	10.8	16.2

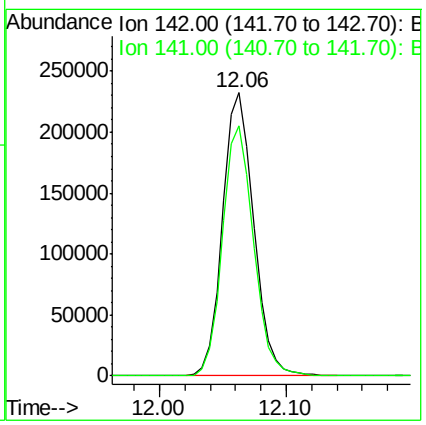


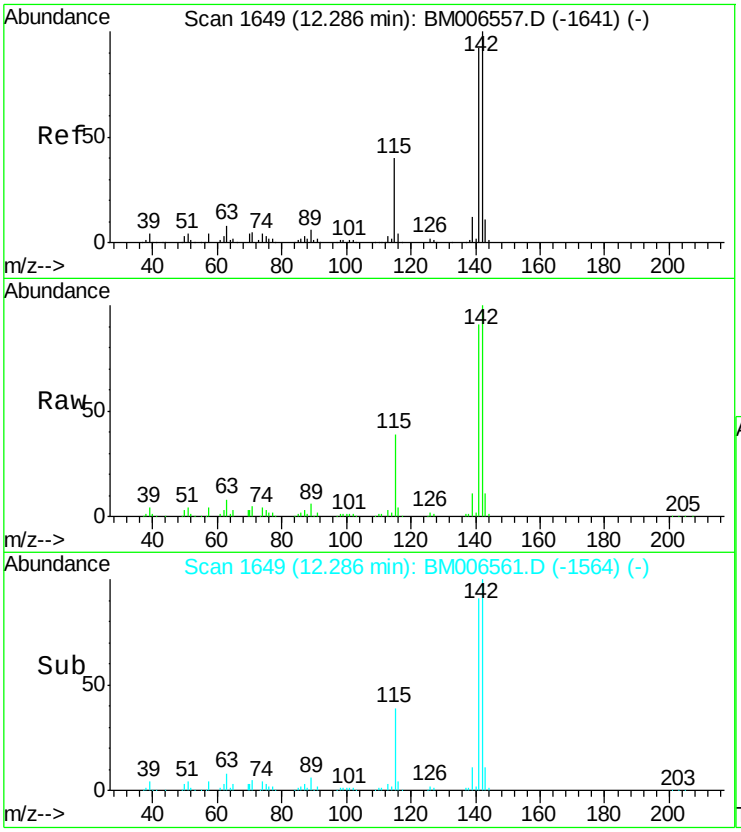


#13
2-Methylnaphthalene
Concen: 19.59 ng/ul
RT: 12.06 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Tgt Ion:142 Resp: 395108

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9



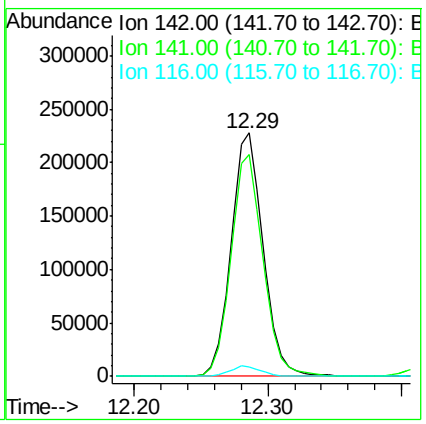


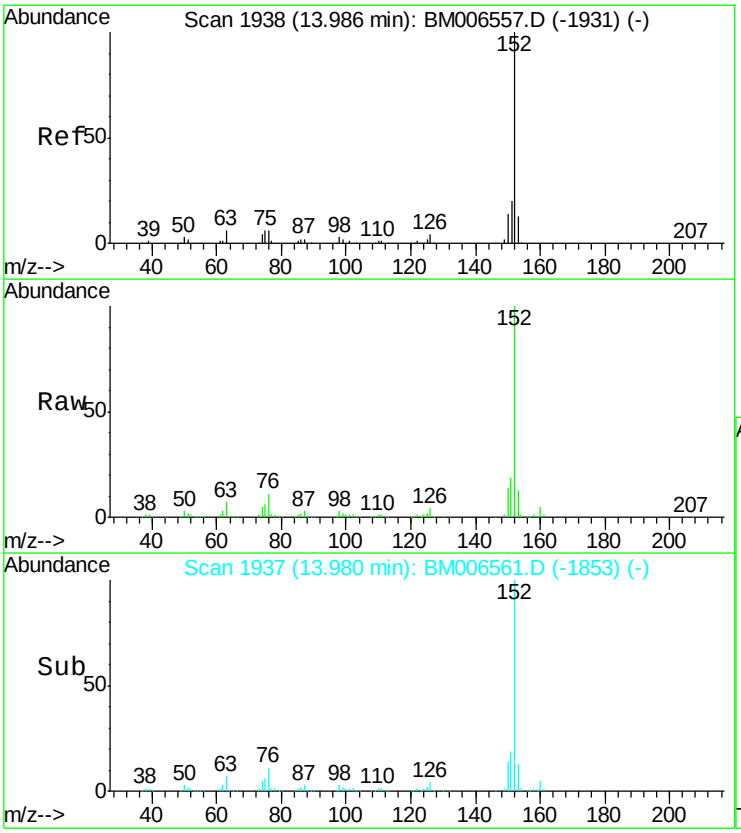
#14
1-Methylnaphthalene
Concen: 19.68 ng/ul
RT: 12.29 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Instrument :
BNA_M
ClientSampleId :
SSTD02054

Tgt Ion:142 Resp: 378653

Ion	Ratio	Lower	Upper
142	100		
141	91.0	77.0	115.4
116	4.1	4.2	6.4#

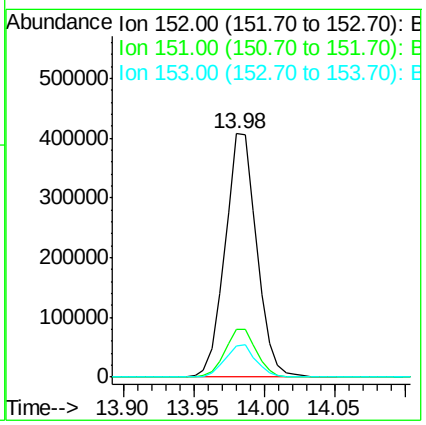


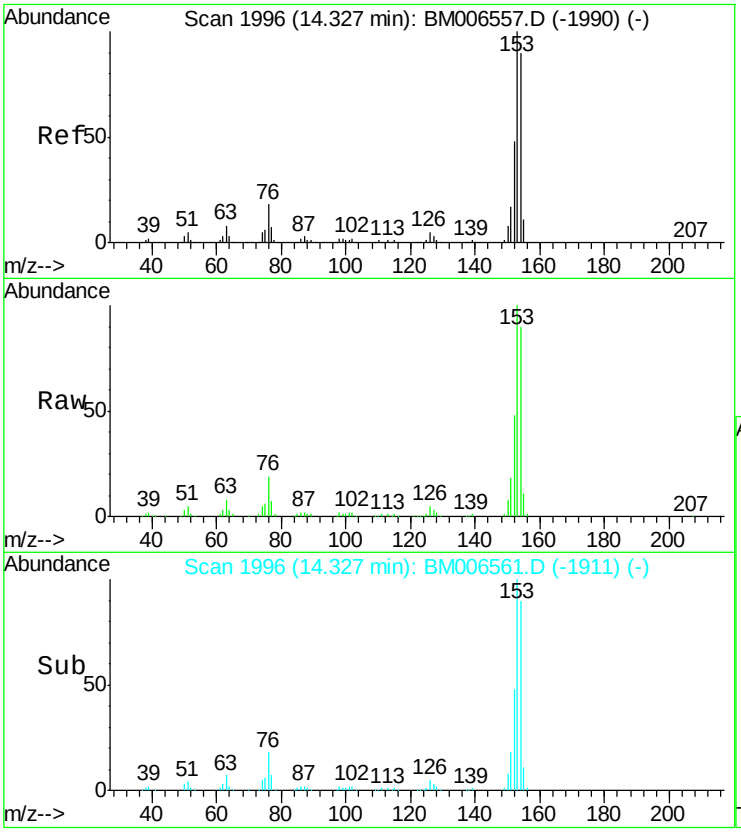


#18
Acenaphthylene
Concen: 20.16 ng/ul
RT: 13.98 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Tgt Ion:152 Resp: 634924

Ion	Ratio	Lower	Upper
152	100		
151	19.4	17.3	25.9
153	12.9	11.1	16.7



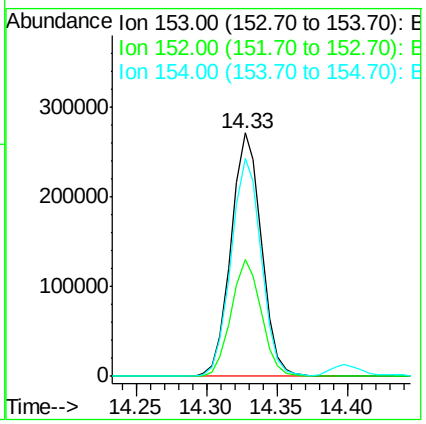


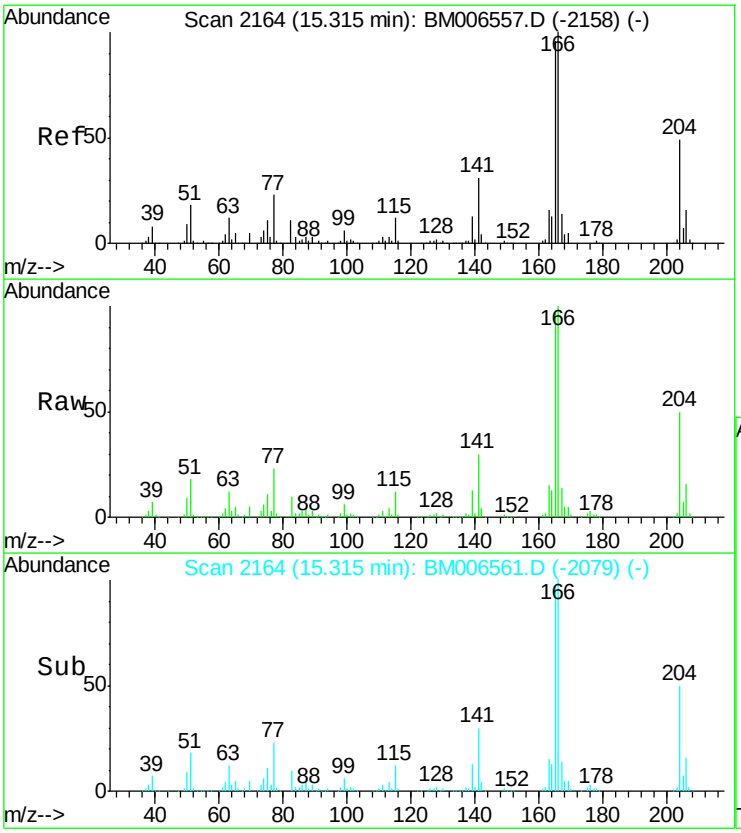
#19
Acenaphthene
Concen: 20.11 ng/ul
RT: 14.33 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Instrument :
BNA_M
ClientSampleId :
SSTD02054

Tgt Ion:153 Resp: 406987

Ion	Ratio	Lower	Upper
153	100		
152	47.8	36.5	54.7
154	89.6	67.3	100.9

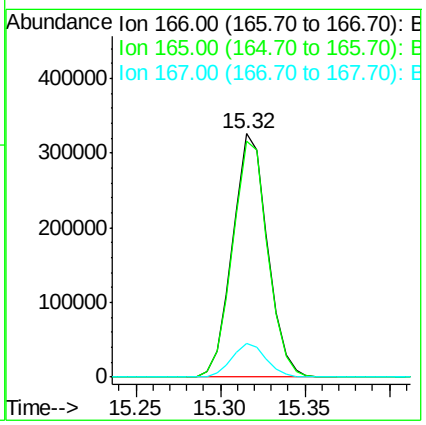


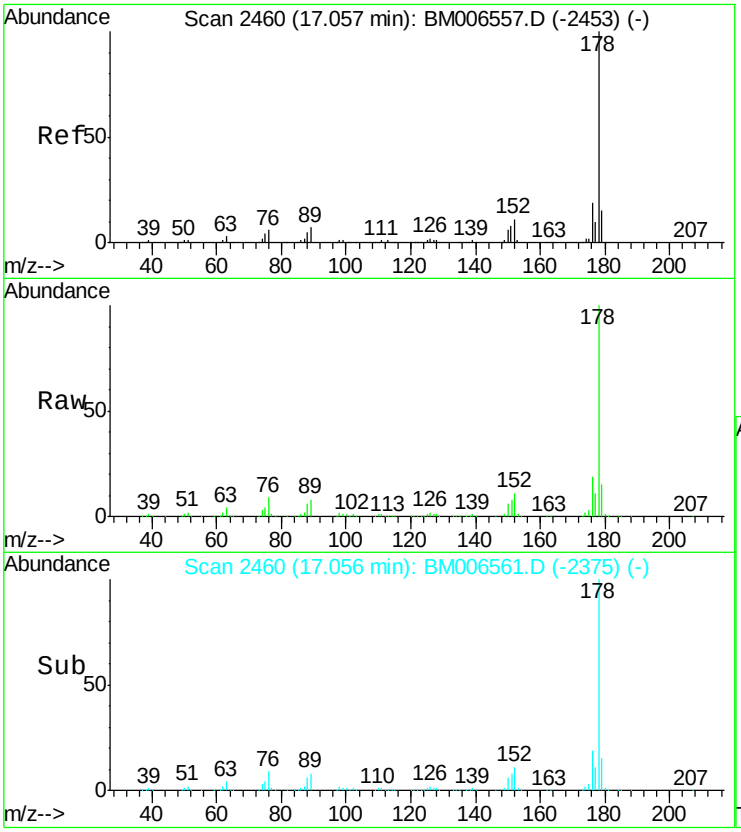


#22
Fluorene
Concen: 20.61 ng/ul
RT: 15.32 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Tgt Ion:166 Resp: 470061

Ion	Ratio	Lower	Upper
166	100		
165	96.9	81.1	121.7
167	13.6	10.6	16.0



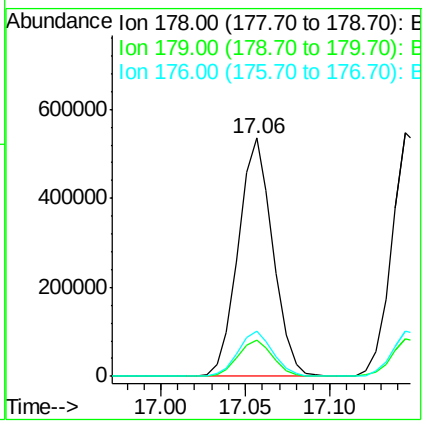


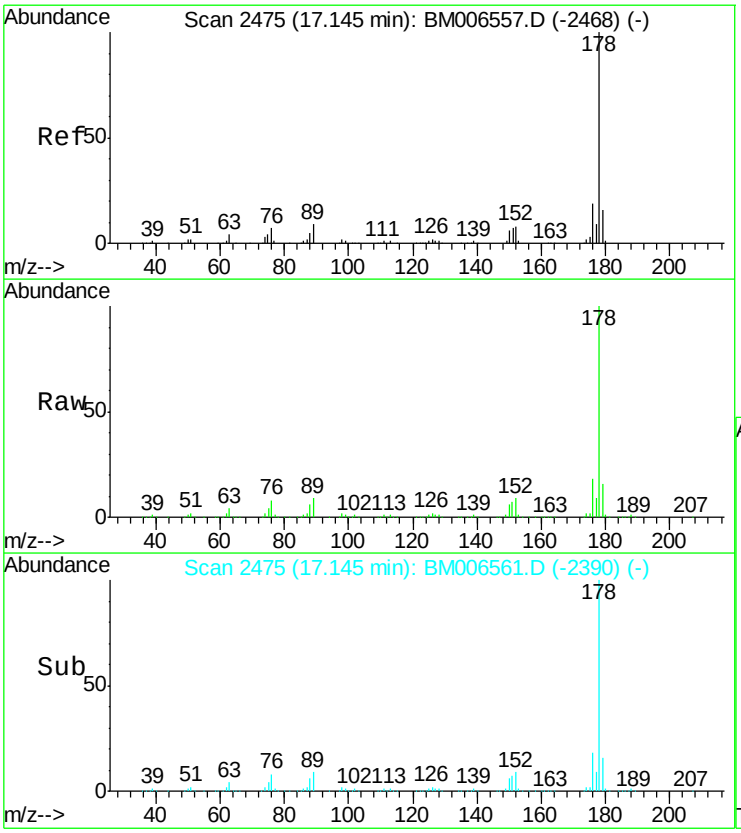
#25
Phenanthrene
Concen: 20.30 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Instrument :
BNA_M
ClientSampleId :
SSTD02054

Tgt Ion:178 Resp: 765194

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.8	14.8	22.2

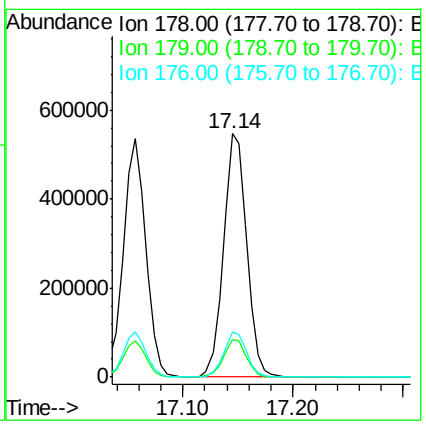


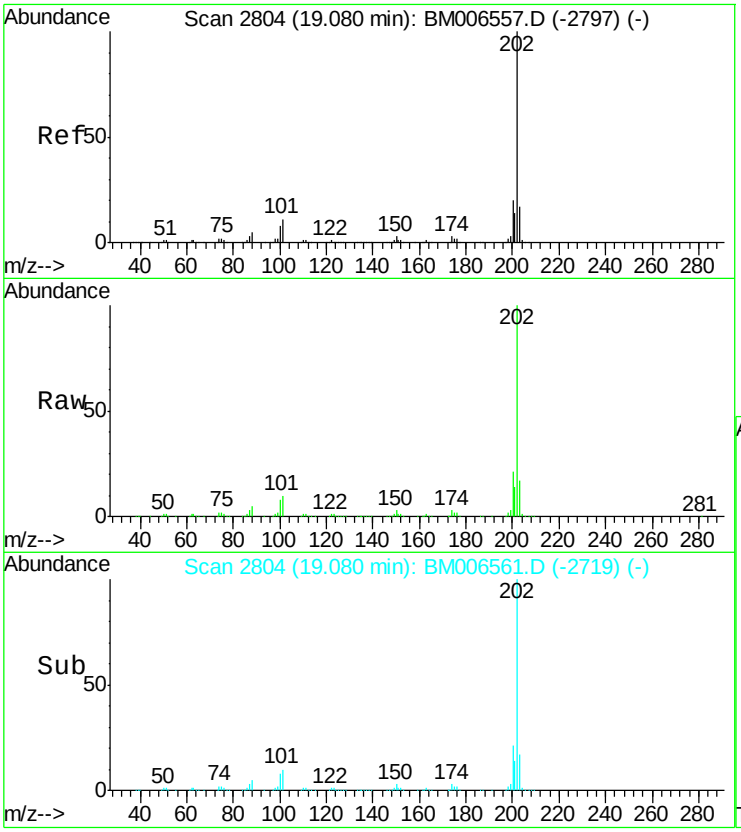


#27
Anthracene
Concen: 20.67 ng/ul
RT: 17.14 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Tgt Ion:178 Resp: 802080

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	18.4	15.6	23.4



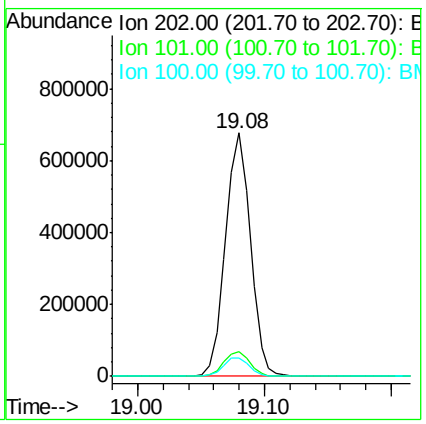


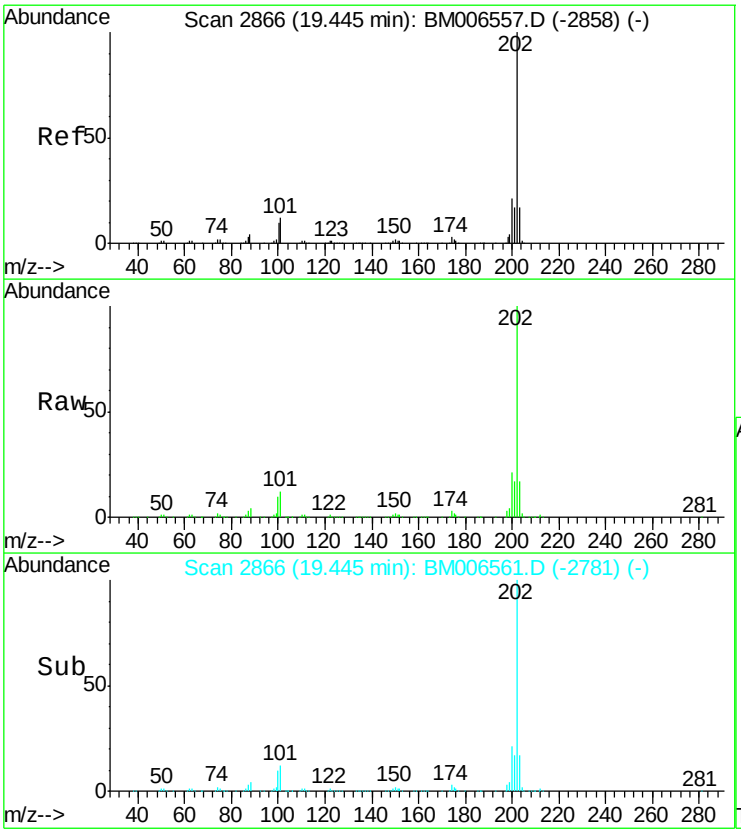
#28
Fluoranthene
Concen: 20.83 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Instrument :
BNA_M
ClientSampleId :
SSTD02054

Tgt Ion:202 Resp: 922226

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.9	13.3
100	7.8	7.0	10.4

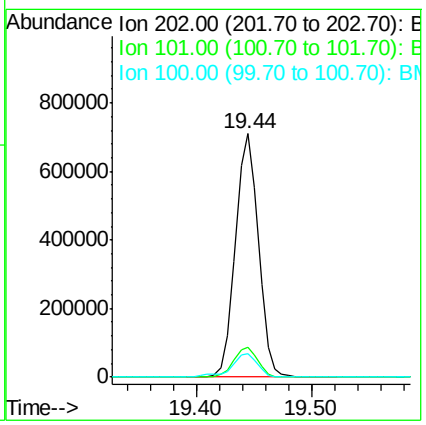


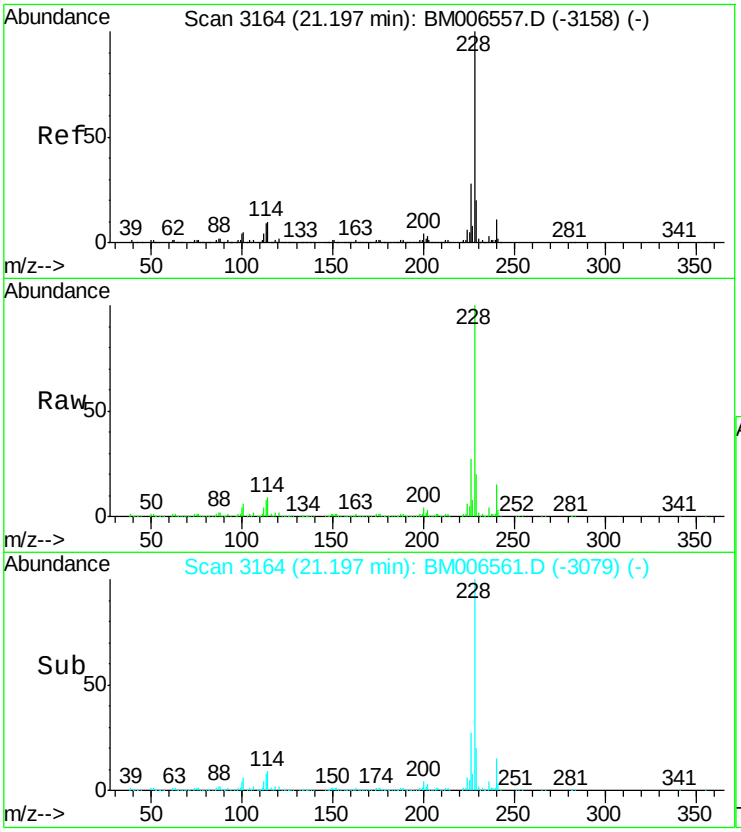


#31
Pyrene
Concen: 20.04 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Tgt Ion:202 Resp: 978962

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
100	9.9	9.3	13.9



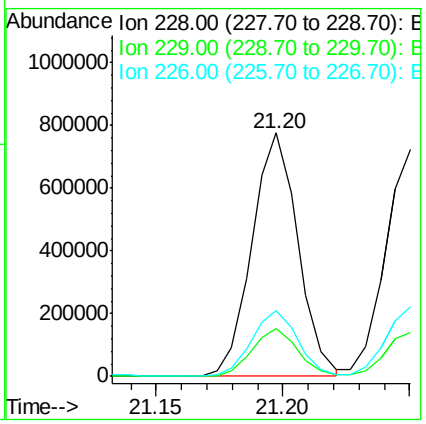


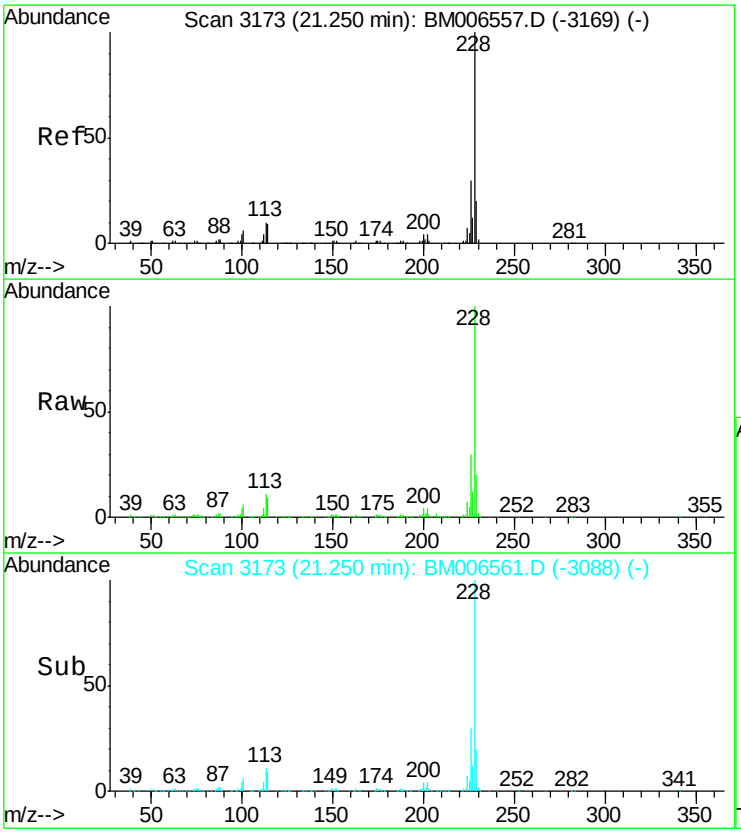
#32
Benzo(a)anthracene
Concen: 20.07 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Instrument :
BNA_M
ClientSampleId :
SSTD02054

Tgt Ion:228 Resp: 980998

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.6	25.0
226	27.2	21.0	31.4

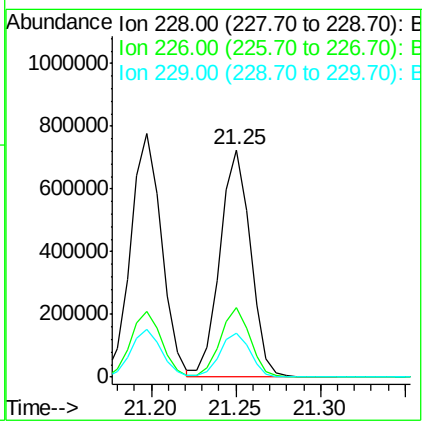


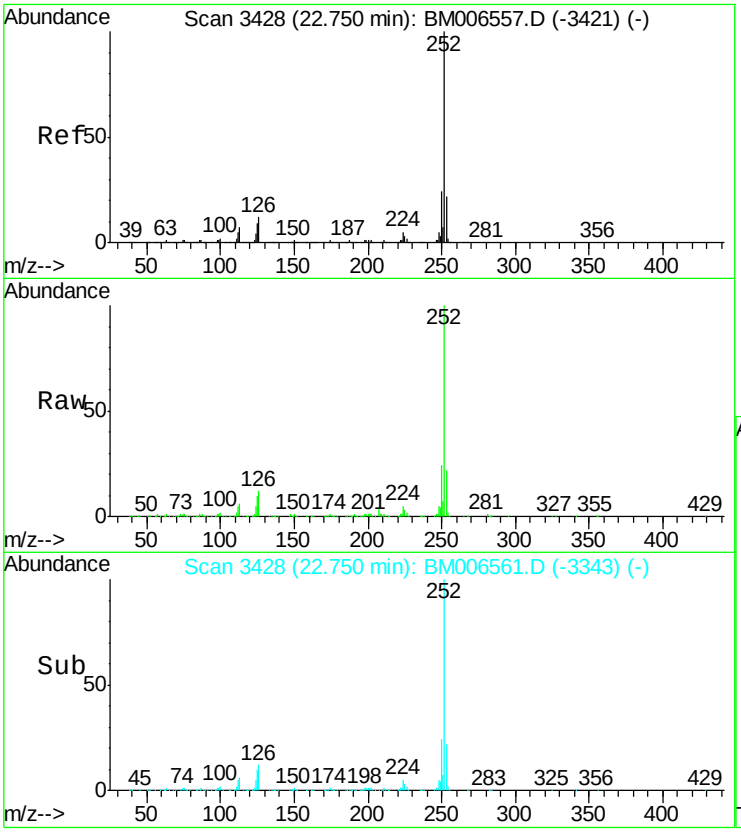


#33
Chrysene
Concen: 20.21 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Tgt Ion:228 Resp: 910985

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	19.6	16.2	24.2



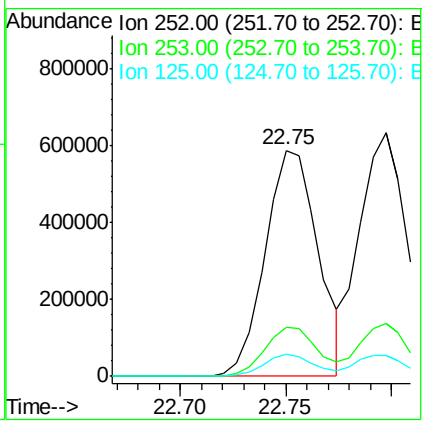


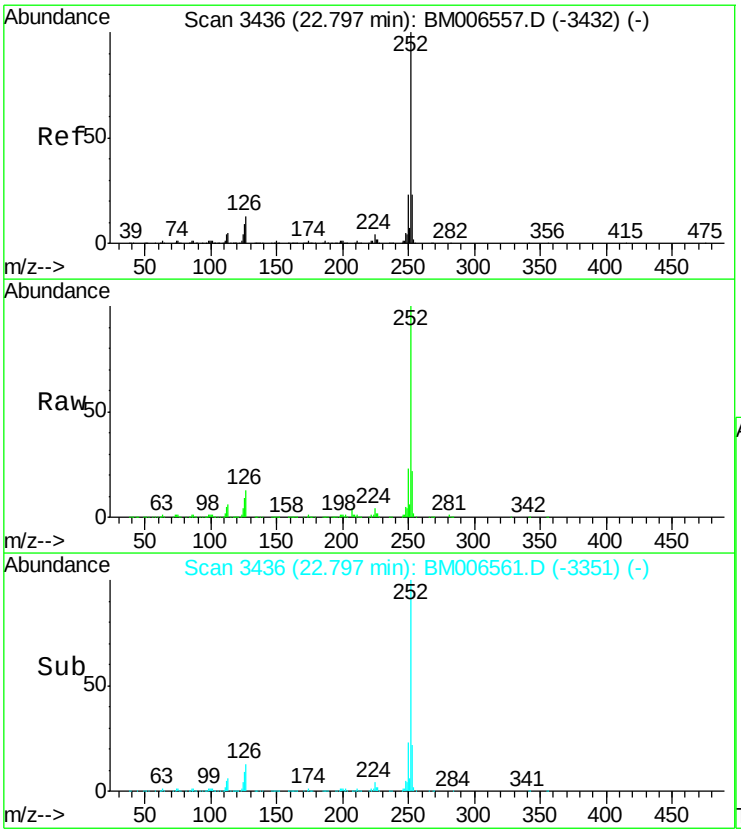
#35
Benzo(b)fluoranthene
Concen: 20.26 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Instrument :
BNA_M
ClientSampleId :
SSTD02054

Tgt Ion:252 Resp: 1025484

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	9.6	7.6	11.4

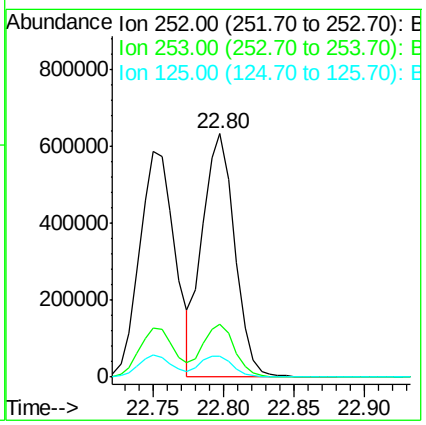


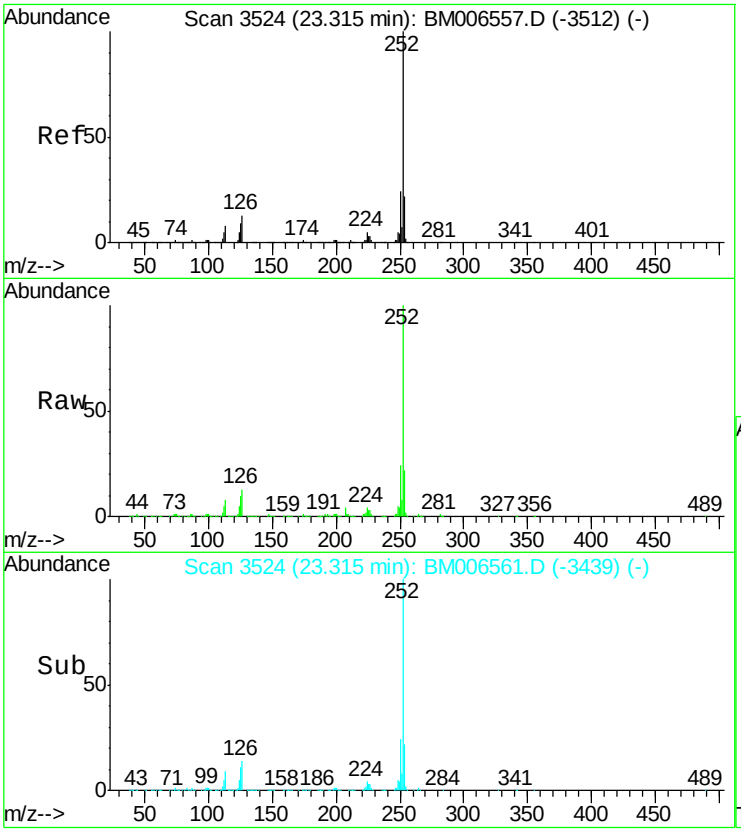


#36
Benzo(k)fluoranthene
Concen: 20.45 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Tgt Ion:252 Resp: 1000764

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	8.8	7.7	11.5



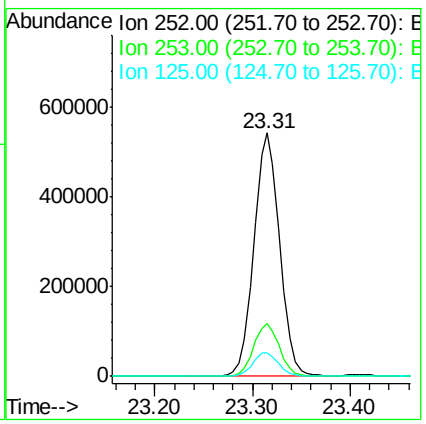


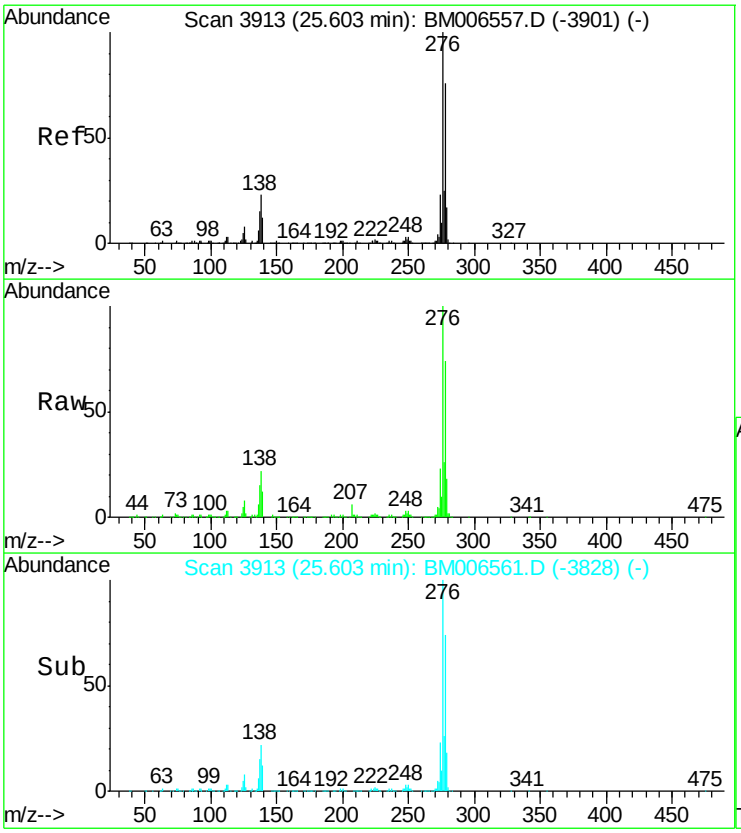
#38
Benzo(a)pyrene
Concen: 20.40 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Instrument :
BNA_M
ClientSampleId :
SSTD02054

Tgt Ion:252 Resp: 1005292

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	9.8	8.2	12.2

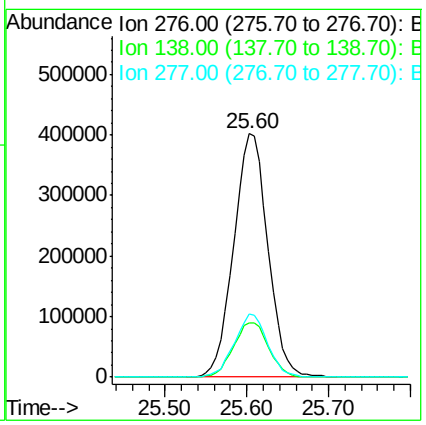


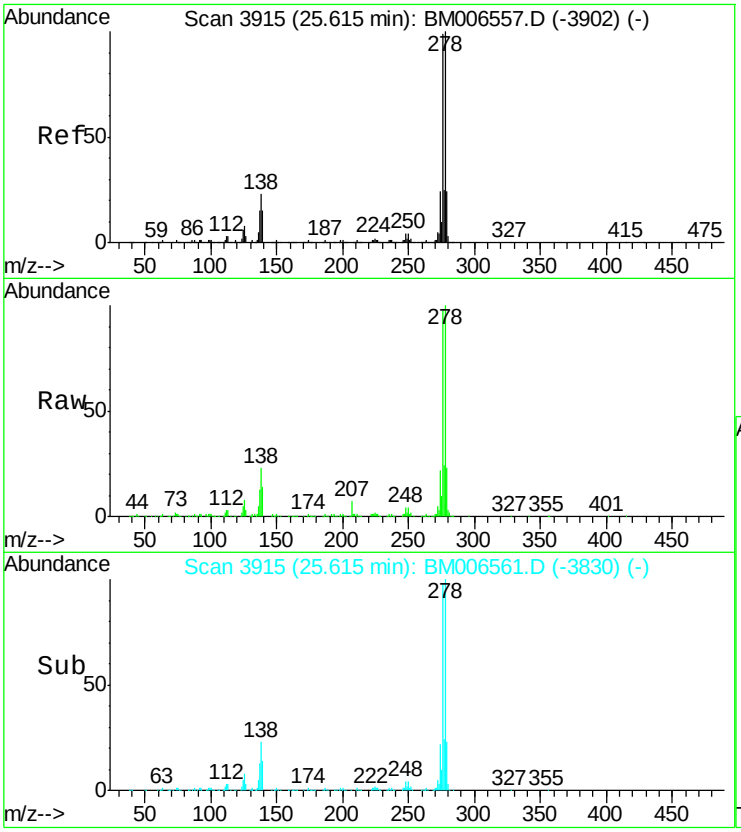


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.51 ng/ul
RT: 25.60 min Scan# 3913
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Tgt Ion:276 Resp: 1170231

Ion	Ratio	Lower	Upper
276	100		
138	22.2	15.8	23.6
277	25.8	19.0	28.6



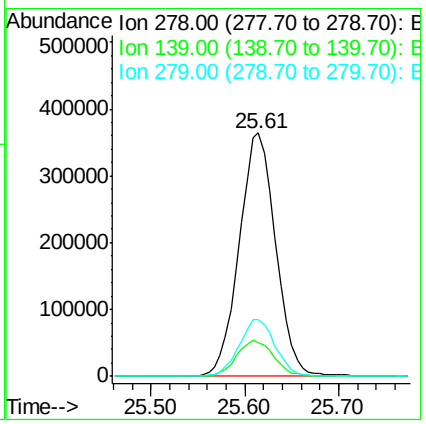


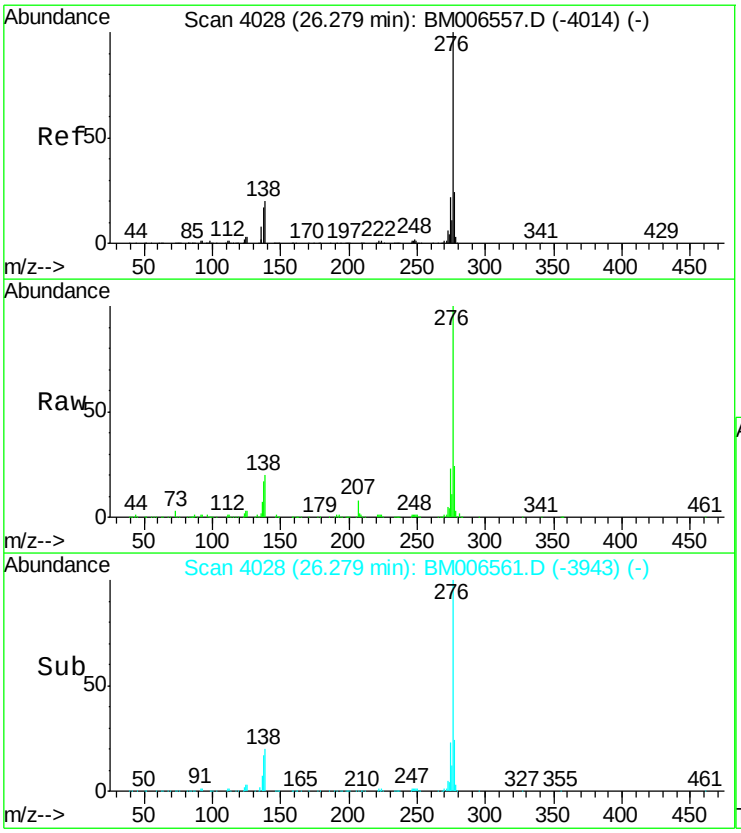
#40
Dibenzo(a,h)anthracene
Concen: 20.69 ng/ul
RT: 25.61 min Scan# 3915
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Instrument :
BNA_M
ClientSampleId :
SSTD02054

Tgt Ion:278 Resp: 978720

Ion	Ratio	Lower	Upper
278	100		
139	13.9	12.1	18.1
279	23.3	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 20.40 ng/ul
RT: 26.28 min Scan# 4028
Delta R.T. -0.00 min
Lab File: BM006561.D
Acq: 20 Jul 2016 19:09

Tgt Ion:276 Resp: 997813

Ion	Ratio	Lower	Upper
276	100		
138	19.9	13.9	20.9
277	24.4	19.8	29.6