Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006613.D
Acq On : 22 Jul 2016 07:21
Operator : UM/SJ
Sample : H4077-04MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YQ8MSD

Quant Time: Jul 22 07:55:52 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	192758	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	820811	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	450862	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	970677	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	974593	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	1040399	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	8315	1.74	ng/uL	0.00
3) Phenol-d5	6.80	99	287754	17.55	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	219623	21.62	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	255443	19.49	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	154291	12.13	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	137981	22.21	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	145881	22.08	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	238097	19.07	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	202725	14.74	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	765578	21.66	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1003545	22.24	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	35887	5.84	ng/ul	0.01
21) Fluorene-d10	15.26	176	688860	21.79	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	39420	7.82	ng/ul	0.01
26) Anthracene-d10	17.12	188	1046301	22.70	ng/ul	0.00
30) Pyrene-d10	19.42	212	1121509	25.25	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1118006	23.36	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.44	128	358830	8.48	ng/ul	99
13) 2-Methylnaphthalene	12.06	142	119711	3.85	ng/ul	96
14) 1-Methylnaphthalene	12.29	142	80071	2.70	ng/ul	96
18) Acenaphthylene	13.99	152	68691	1.42	ng/ul#	96
19) Acenaphthene	14.33	153	763912	24.60	ng/ul	95
22) Fluorene	15.32	166	142076	4.06	ng/ul#	95
25) Phenanthrene	17.06	178	1513410	27.72	ng/ul	99
27) Anthracene	17.15	178	381744	6.79	ng/ul	99
28) Fluoranthene	19.09	202	1854345	28.91	ng/ul	97
31) Pyrene	19.45	202	2789624	47.27	ng/ul	96
32) Benzo(a)anthracene	21.20	228	877587	14.86	ng/ul	97
33) Chrysene	21.26	228	867535	15.93	ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	1225102	19.64	ng/ul	98
36) Benzo(k)fluoranthene	22.76	252	1225102	20.32	ng/ul	98
38) Benzo(a)pyrene	23.33	252	857354	14.12	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.63	276	670590	9.54	ng/ul	99
40) Dibenzo(a,h)anthracene	25.87	278	138051	2.37	ng/ul	93
41) Benzo(g,h,i)perylene	26.30	276	644515	10.70	ng/ul	97

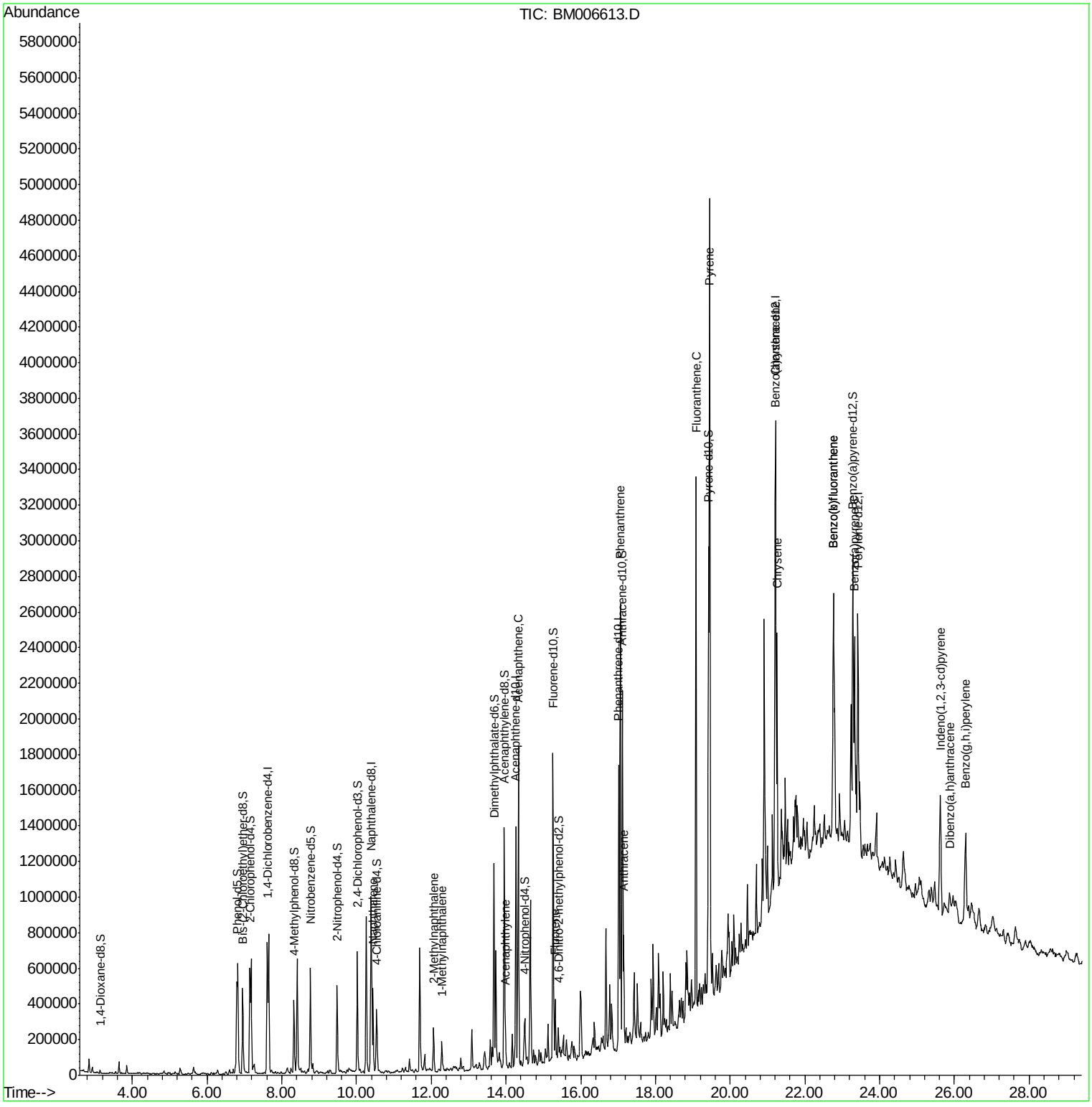
(#) = qualifier out of range (m) = manual integration (+) = signals summed

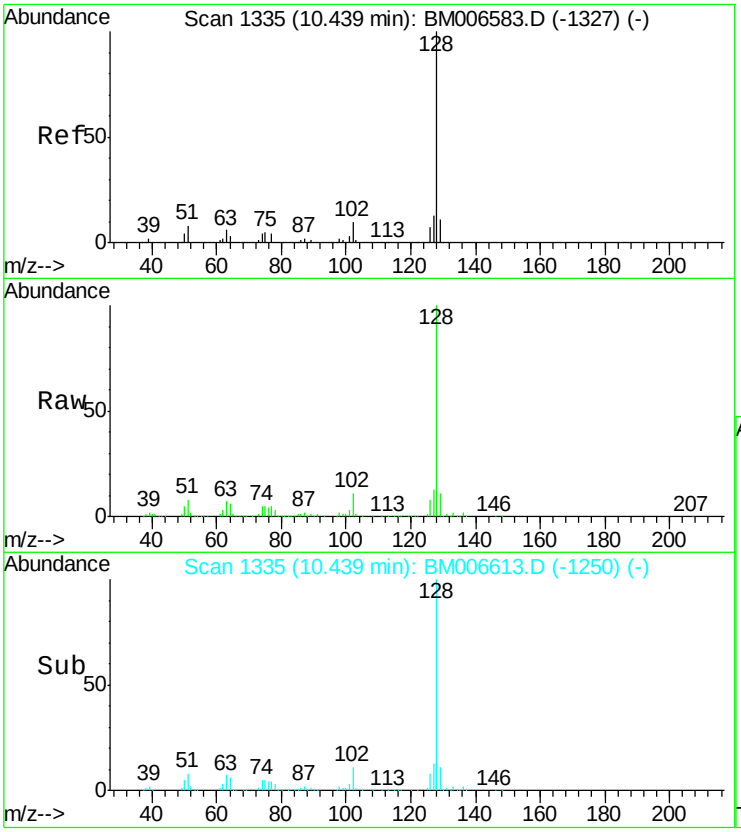
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006613.D
Acq On : 22 Jul 2016 07:21
Operator : UM/SJ
Sample : H4077-04MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YQ8MSD

Quant Time: Jul 22 07:55:52 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration



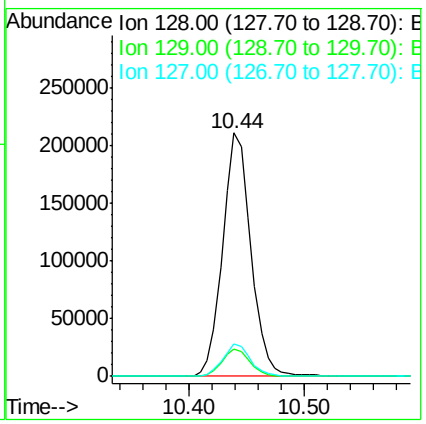


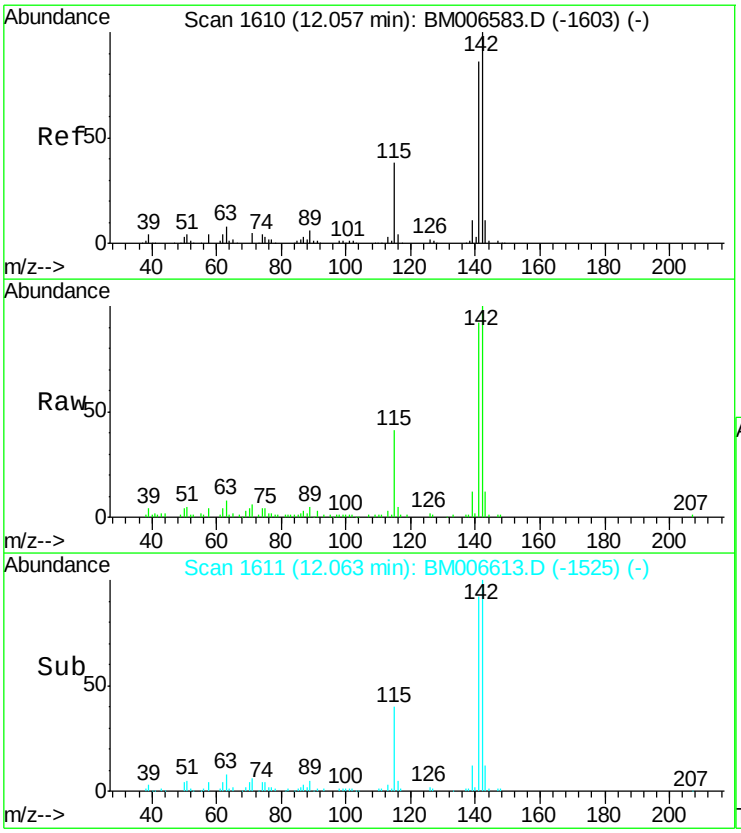
#11
Naphthalene
Concen: 8.48 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Instrument :
BNA_M
ClientSampleId :
D9YQ8MSD

Tgt Ion:128 Resp: 358830

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.3	12.5
127	13.1	10.8	16.2

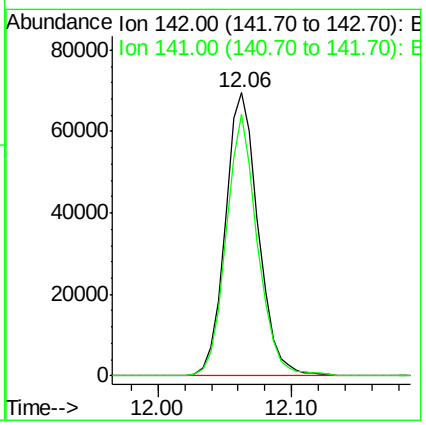


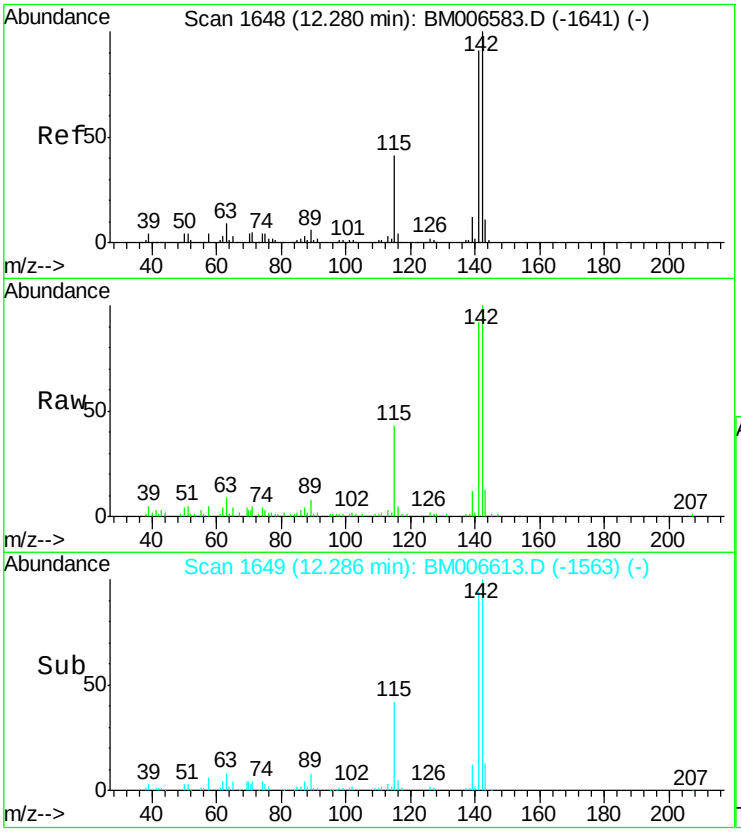


#13
2-Methylnaphthalene
Concen: 3.85 ng/ul
RT: 12.06 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Tgt Ion:142 Resp: 119711

Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.3	106.9



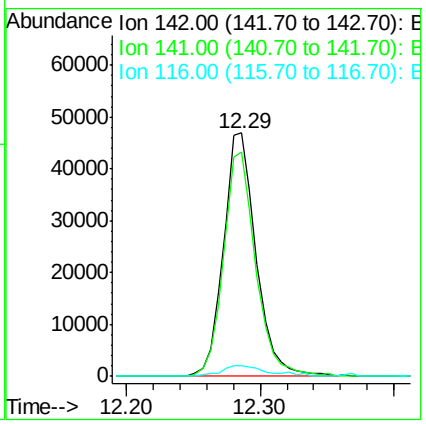


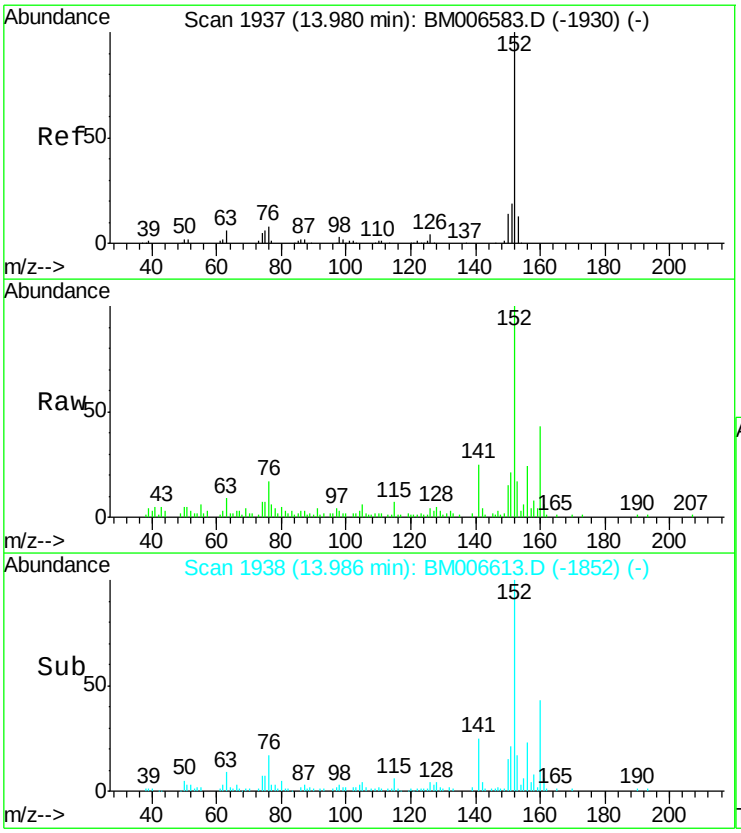
#14
1-Methylnaphthalene
Concen: 2.70 ng/ul
RT: 12.29 min Scan# 1649
Delta R.T. 0.01 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Instrument :
BNA_M
ClientSampleId :
D9YQ8MSD

Tgt Ion:142 Resp: 80071

Ion	Ratio	Lower	Upper
142	100		
141	92.4	77.0	115.4
116	4.6	4.2	6.4

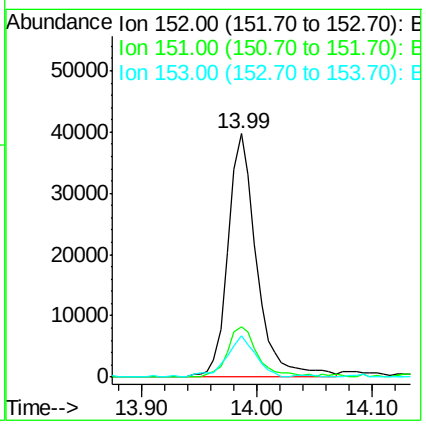


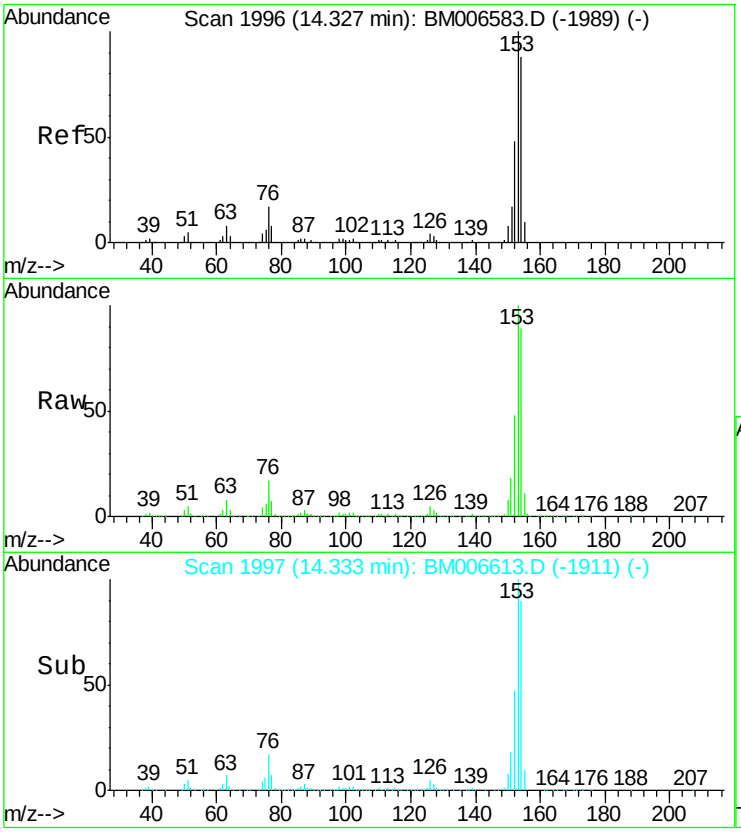


#18
Acenaphthylene
Concen: 1.42 ng/ul
RT: 13.99 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Tgt Ion:152 Resp: 68691

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.3	25.9
153	17.2	11.1	16.7#



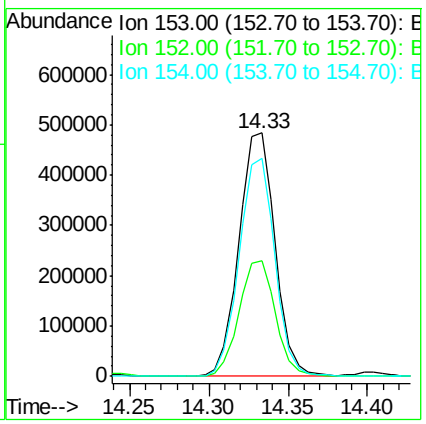


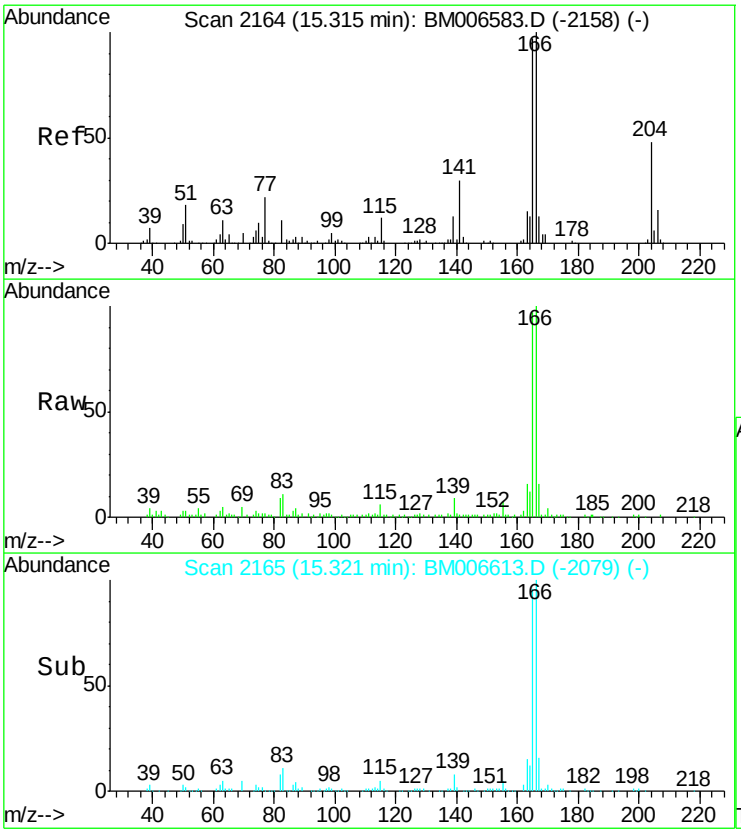
#19
Acenaphthene
Concen: 24.60 ng/ul
RT: 14.33 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Instrument :
BNA_M
ClientSampleId :
D9YQ8MSD

Tgt Ion:153 Resp: 763912

Ion	Ratio	Lower	Upper
153	100		
152	47.5	36.5	54.7
154	89.5	67.3	100.9

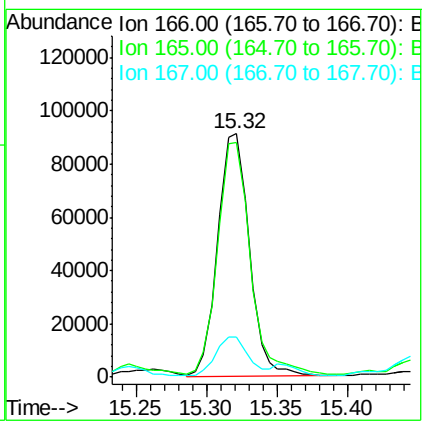


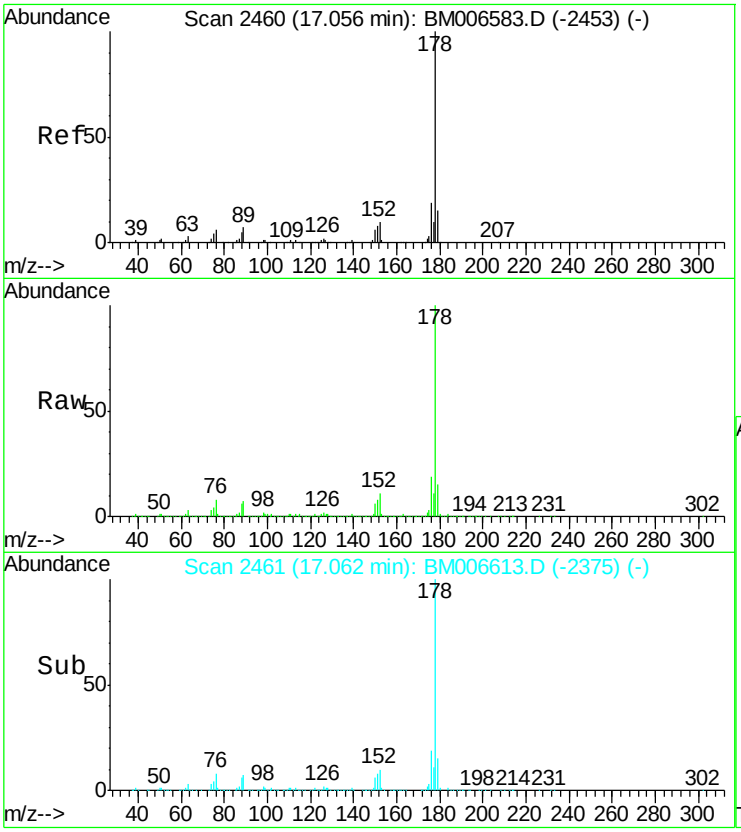


#22
Fluorene
Concen: 4.06 ng/ul
RT: 15.32 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Tgt Ion:166 Resp: 142076

Ion	Ratio	Lower	Upper
166	100		
165	96.6	81.1	121.7
167	16.3	10.6	16.0#



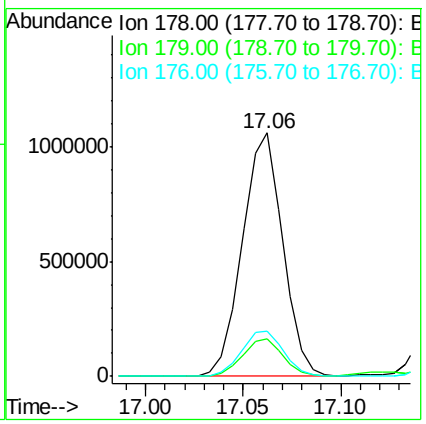


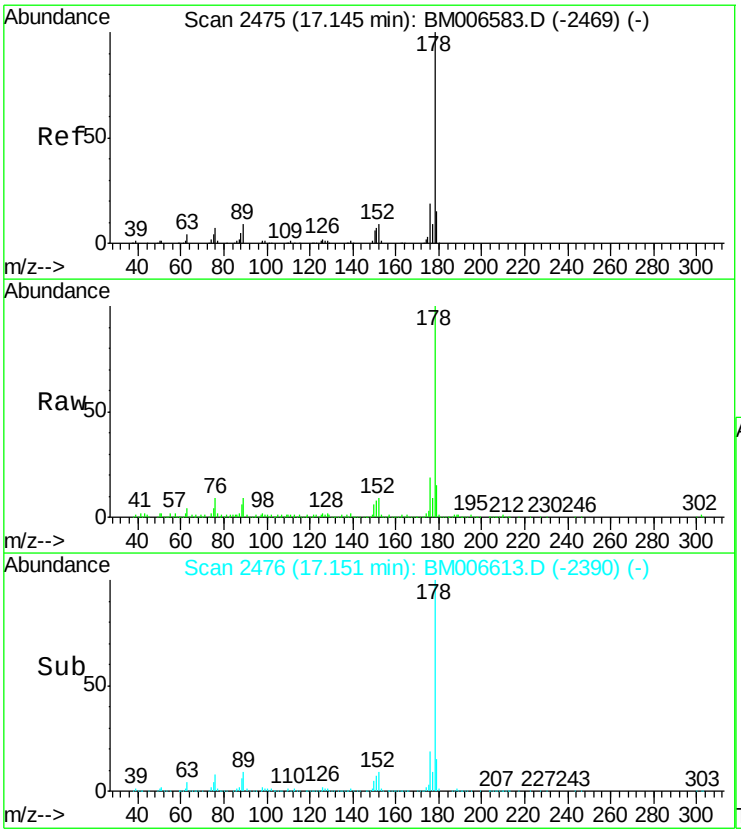
#25
Phenanthrene
Concen: 27.72 ng/ul
RT: 17.06 min Scan# 2461
Delta R.T. 0.01 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Instrument :
BNA_M
ClientSampleId :
D9YQ8MSD

Tgt Ion:178 Resp: 1513410

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.6	14.8	22.2

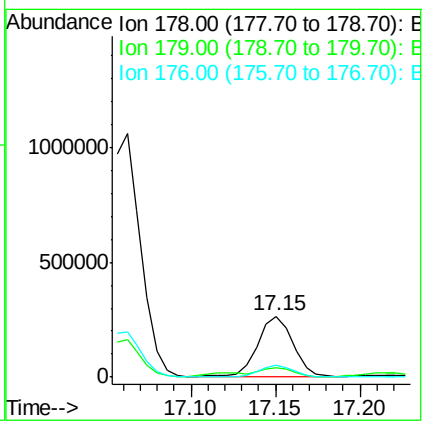


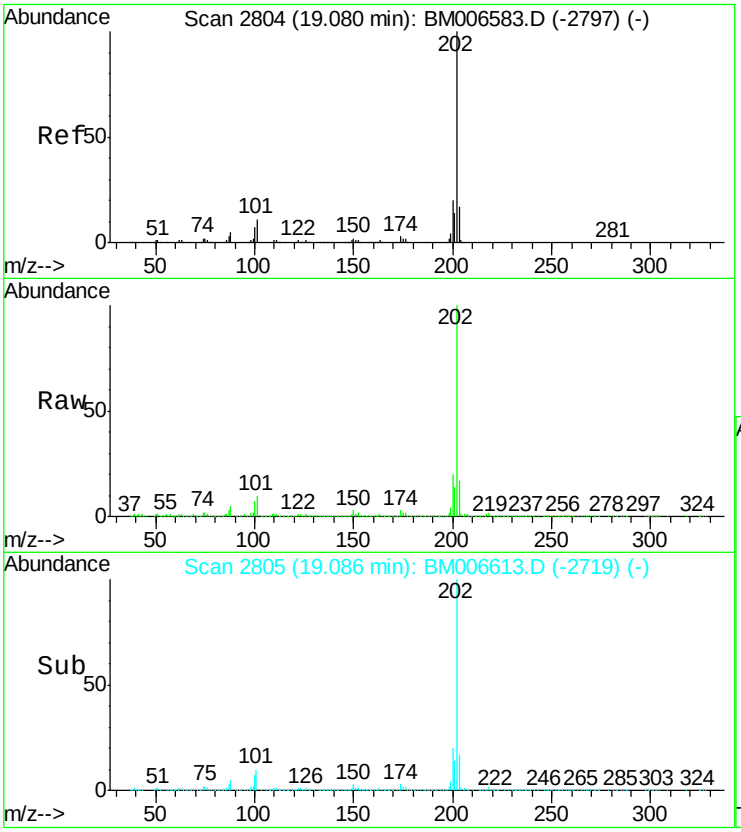


#27
Anthracene
Concen: 6.79 ng/ul
RT: 17.15 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Tgt Ion:178 Resp: 381744

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	19.1	15.6	23.4



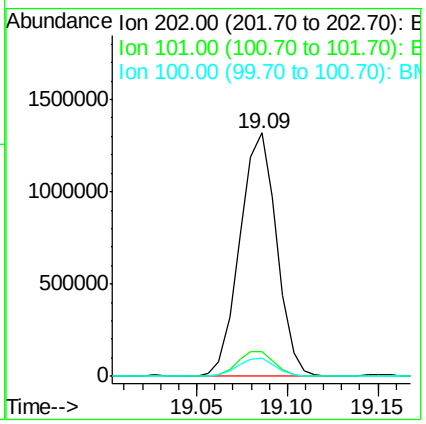


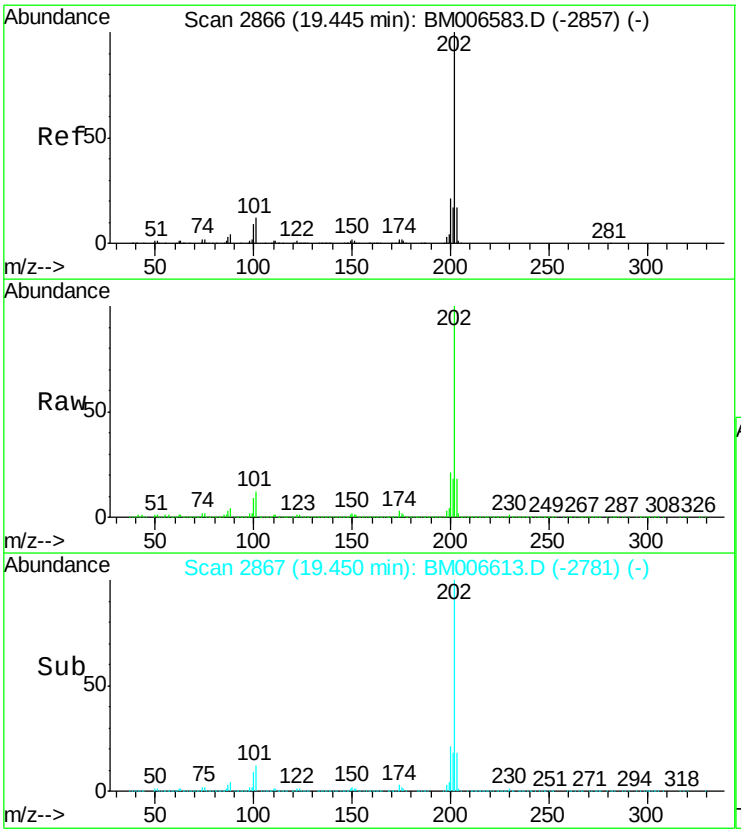
#28
Fluoranthene
Concen: 28.91 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Instrument :
BNA_M
ClientSampleId :
D9YQ8MSD

Tgt Ion:202 Resp: 1854345

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.9	13.3
100	7.4	7.0	10.4

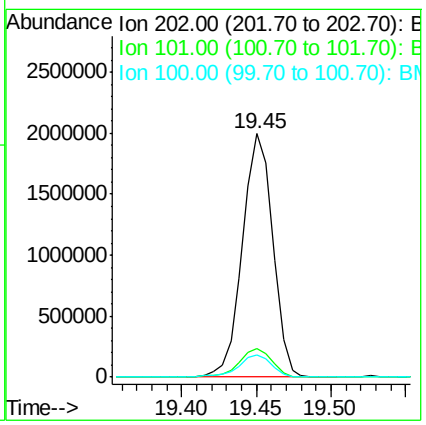


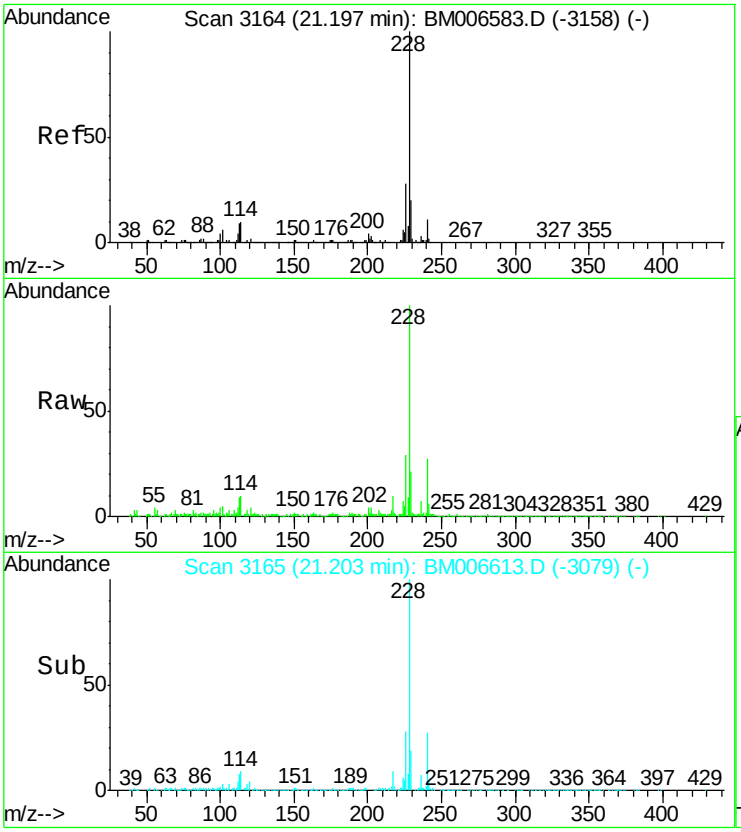


#31
Pyrene
Concen: 47.27 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.01 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Tgt Ion:202 Resp: 2789624

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
100	9.3	9.3	13.9



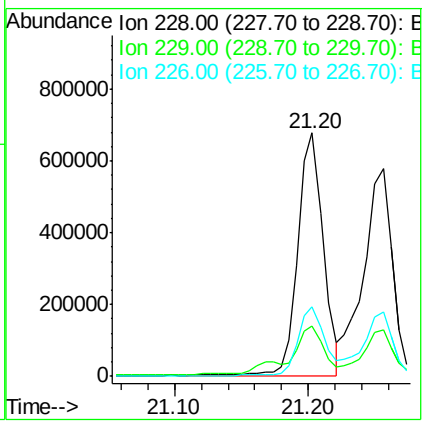


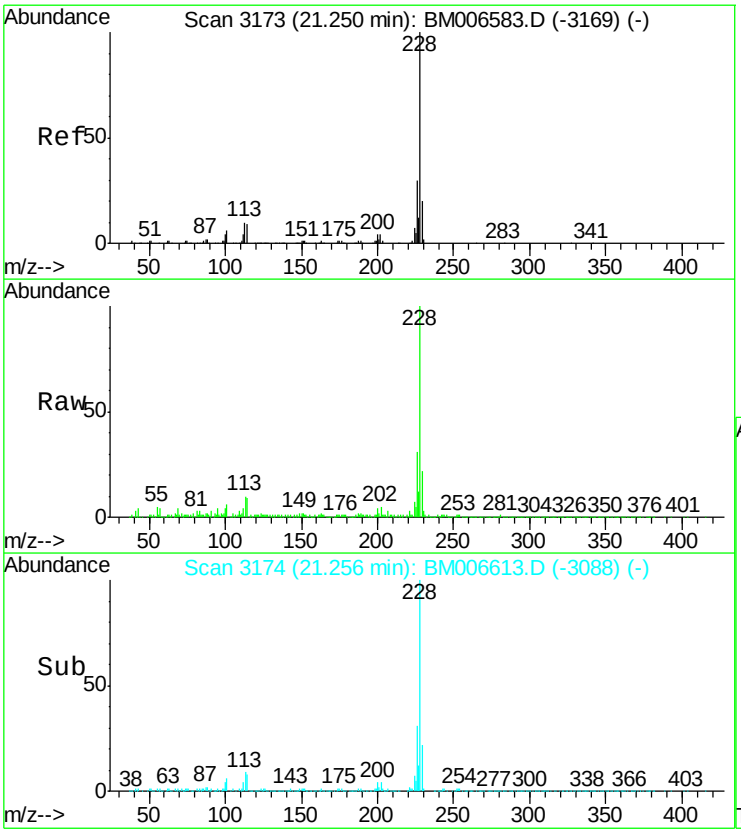
#32
Benzo(a)anthracene
Concen: 14.86 ng/ul
RT: 21.20 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Instrument :
BNA_M
ClientSampleId :
D9YQ8MSD

Tgt Ion:228 Resp: 877587

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.6	25.0
226	28.7	21.0	31.4

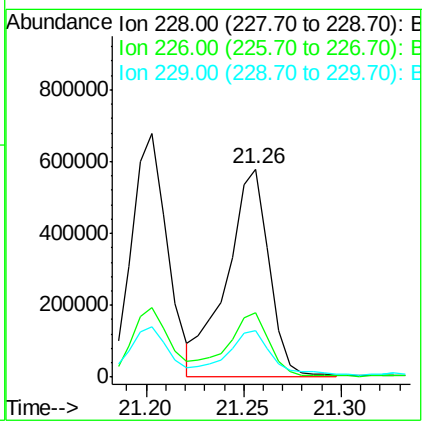


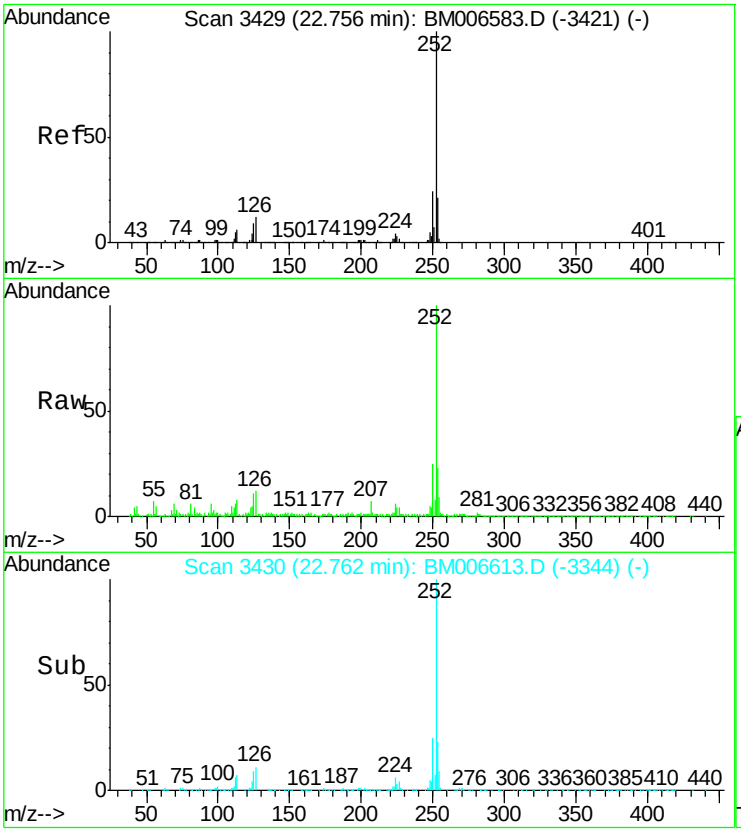


#33
Chrysene
Concen: 15.93 ng/ul
RT: 21.26 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Tgt Ion:228 Resp: 867535

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.2
229	22.5	16.2	24.2



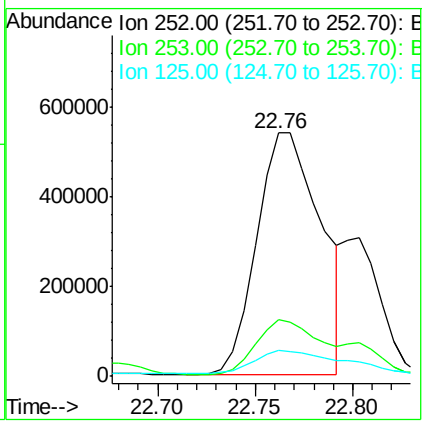


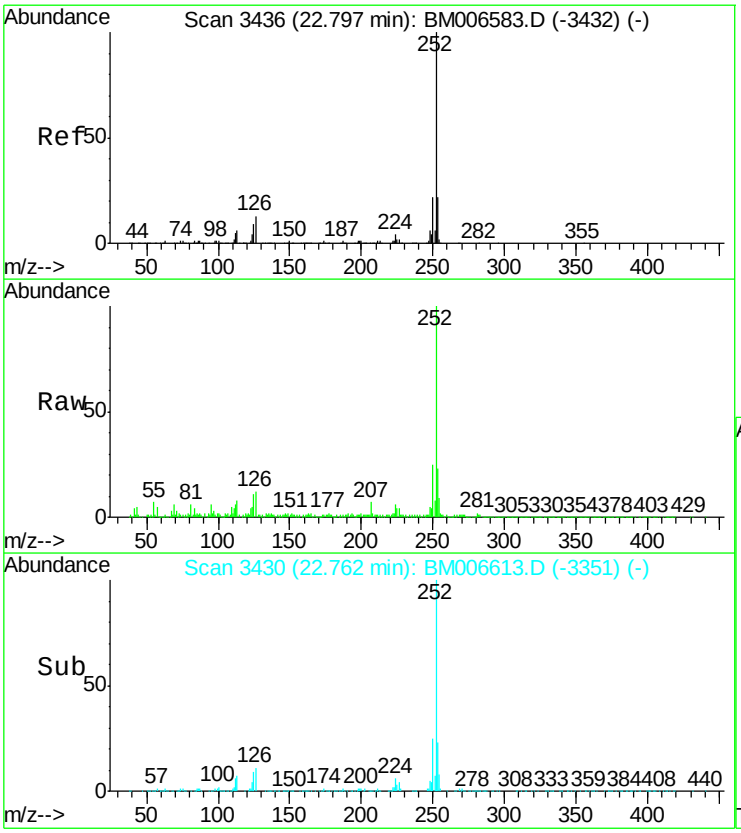
#35
Benzo(b)fluoranthene
Concen: 19.64 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. 0.01 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Instrument :
BNA_M
ClientSampleId :
D9YQ8MSD

Tgt Ion:252 Resp: 1225102

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.6	7.6	11.4

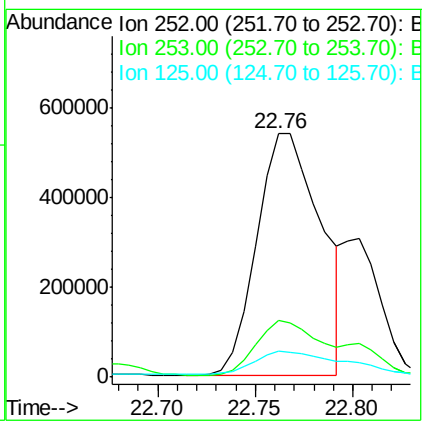


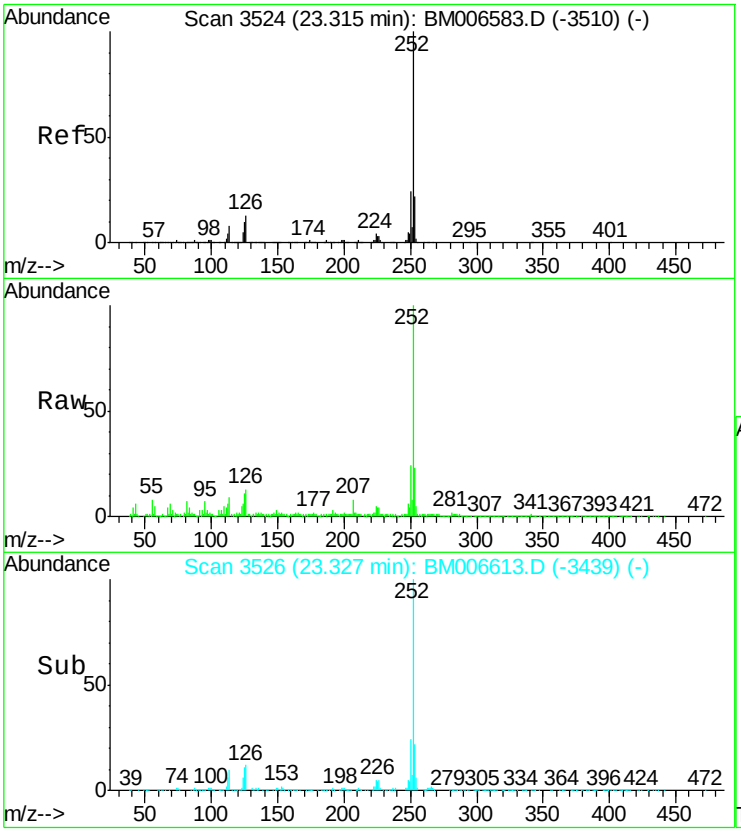


#36
Benzo(k)fluoranthene
Concen: 20.32 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. -0.04 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Tgt Ion:252 Resp: 1225102

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	10.6	7.7	11.5



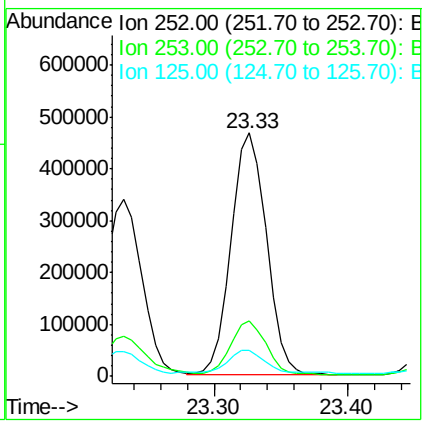


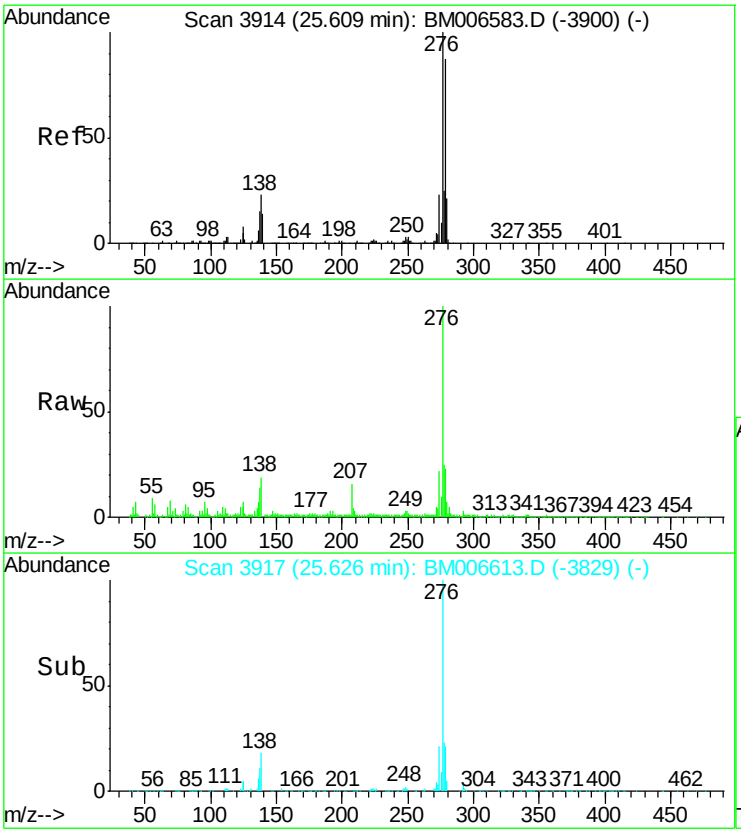
#38
Benzo(a)pyrene
Concen: 14.12 ng/ul
RT: 23.33 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Instrument :
BNA_M
ClientSampleId :
D9YQ8MSD

Tgt Ion:252 Resp: 857354

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	10.7	8.2	12.2

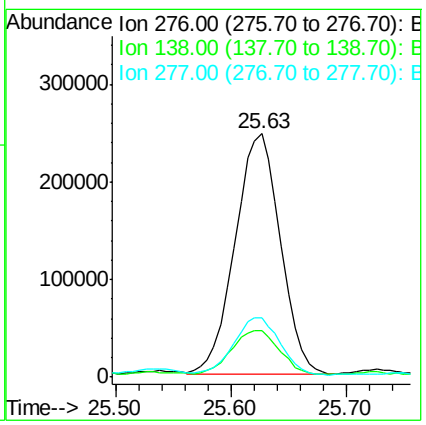


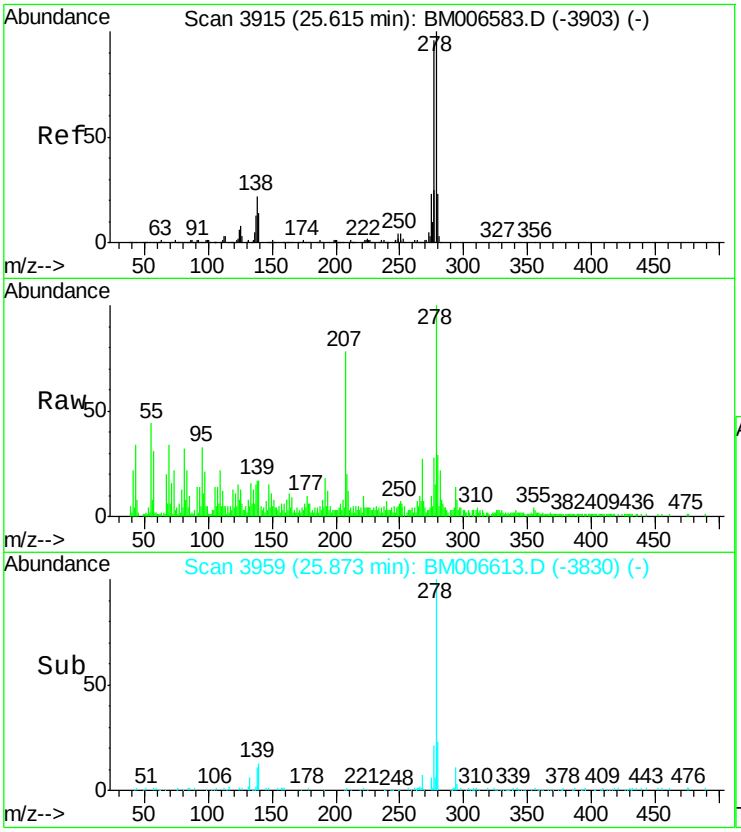


#39
Indeno(1,2,3-cd)pyrene
Concen: 9.54 ng/ul
RT: 25.63 min Scan# 3917
Delta R.T. 0.02 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Tgt Ion:276 Resp: 670590

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.8	23.6
277	24.6	19.0	28.6



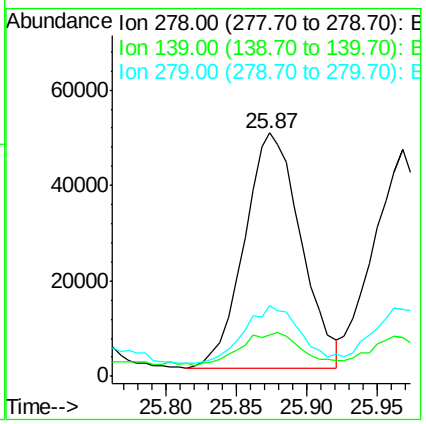


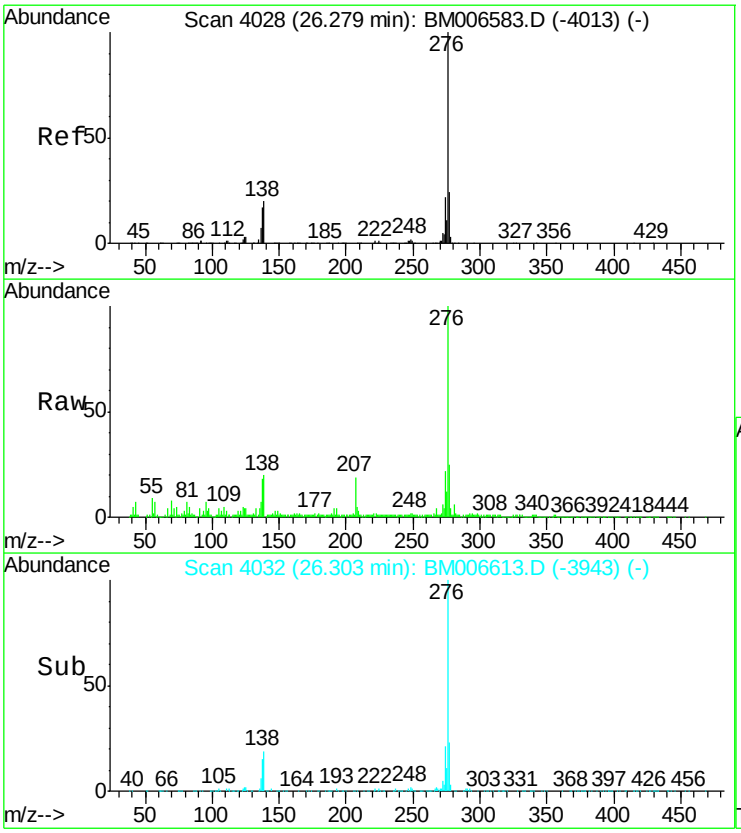
#40
Dibenzo(a,h)anthracene
Concen: 2.37 ng/ul
RT: 25.87 min Scan# 3959
Delta R.T. 0.26 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Instrument :
BNA_M
ClientSampleId :
D9YQ8MSD

Tgt Ion:278 Resp: 138051

Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.1	18.1
279	29.1	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 10.70 ng/ul
RT: 26.30 min Scan# 4032
Delta R.T. 0.02 min
Lab File: BM006613.D
Acq: 22 Jul 2016 07:21

Tgt Ion:276 Resp: 644515

Ion	Ratio	Lower	Upper
276	100		
138	20.3	13.9	20.9
277	25.2	19.8	29.6