Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006142.D
Acq On : 30 Jun 2016 01:15
Operator : UM/SJ
Sample : H3777-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YB2

Quant Time: Jun 30 03:31:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	291080	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1346550	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	780906	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1680243	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1221667	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1223769	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	9317	1.49	ng/uL	0.00
3) Phenol-d5	6.82	99	486290	20.45	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	312500	22.29	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	382156	20.94	ng/ul	0.00
6) 4-Methylphenol-d8	8.35	113	340638	17.80	ng/ul	-0.01
8) Nitrobenzene-d5	8.80	128	203497	22.44	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	225218	21.70	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.05	165	407816	21.53	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	344248	23.00	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	1274207	22.76	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1592825	23.45	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	145673	13.72	ng/ul	0.00
21) Fluorene-d10	15.30	176	1079770	22.61	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	150748	25.33	ng/ul	0.00
26) Anthracene-d10	17.14	188	1549334	22.99	ng/ul	0.00
30) Pyrene-d10	19.45	212	1439075	29.25	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1135807	23.32	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	253843	3.19	ng/ul	99
28) Fluoranthene	19.11	202	651291	6.69	ng/ul	99
31) Pyrene	19.47	202	543070	8.43	ng/ul	97
32) Benzo(a)anthracene	21.23	228	297432	4.68	ng/ul	98
33) Chrysene	21.28	228	322713	5.52	ng/ul	96
35) Benzo(b)fluoranthene	22.80	252	474945	7.48	ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	474945	7.97	ng/ul	99
38) Benzo(a)pyrene	23.36	252	291221	4.85	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.67	276	232961	3.74	ng/ul#	92
41) Benzo(g,h,i)perylene	26.35	276	213748	4.09	ng/ul	96

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

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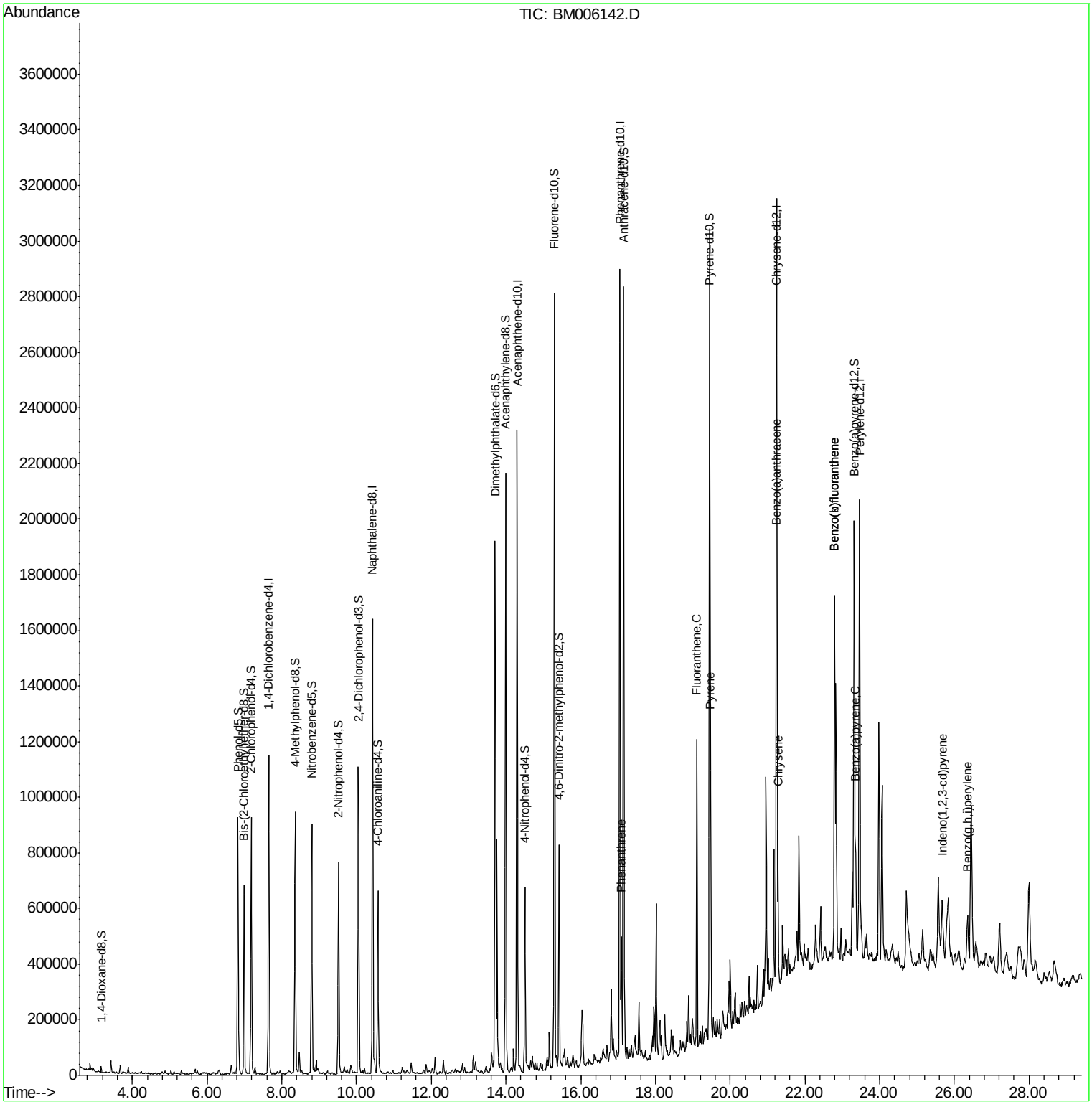
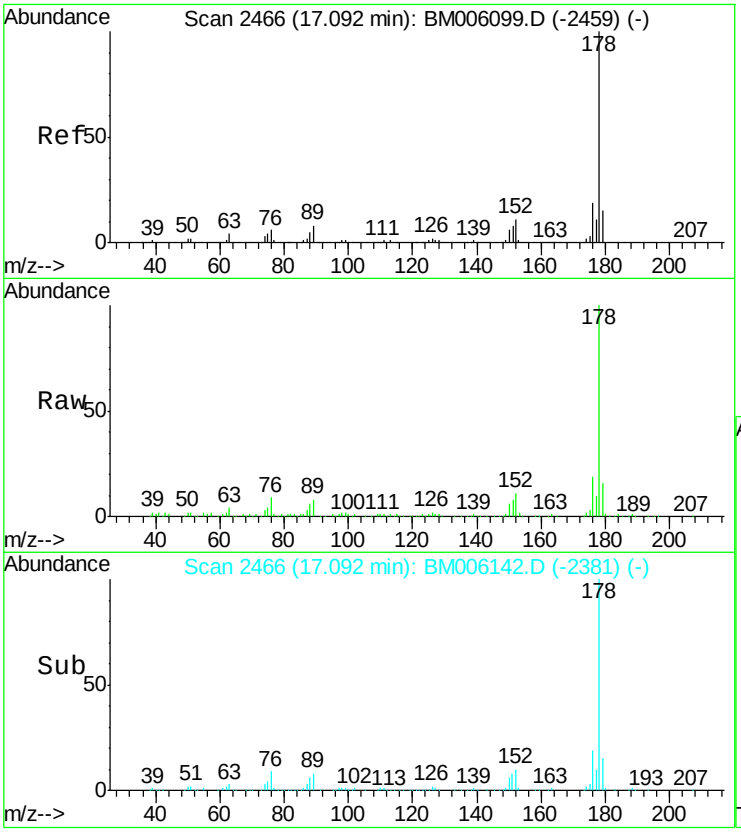


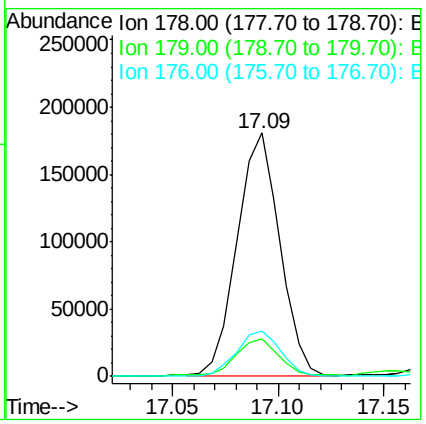


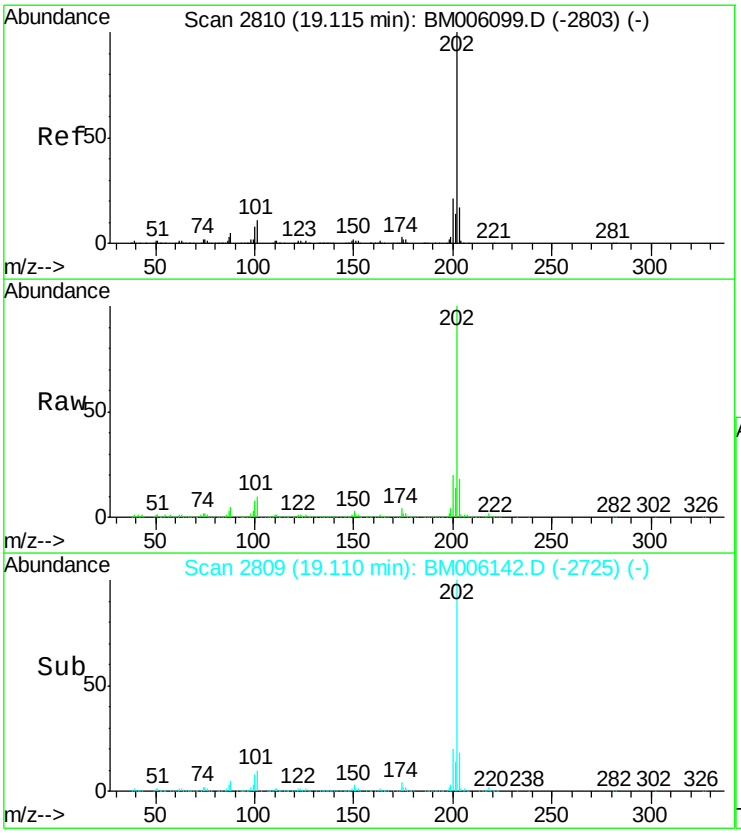
#25
Phenanthrene
Concen: 3.19 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006142.D
Acq: 30 Jun 2016 01:15

Instrument :
BNA_M
ClientSampleId :
D9YB2

Tgt Ion:178 Resp: 253843

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.8	15.3	22.9

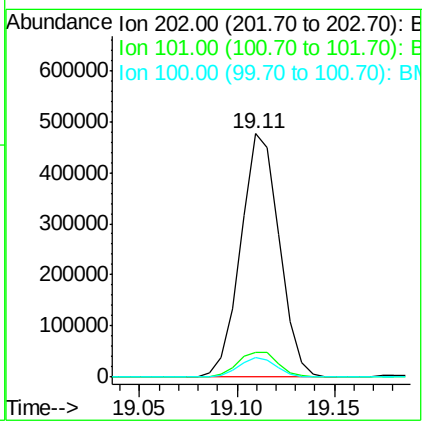


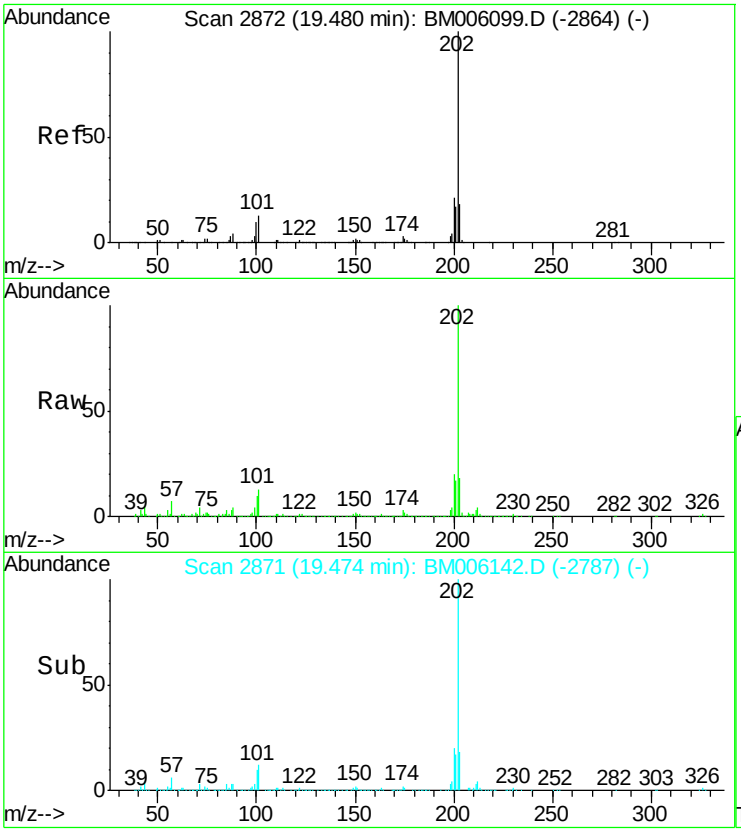


#28
Fluoranthene
Concen: 6.69 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM006142.D
Acq: 30 Jun 2016 01:15

Tgt Ion:202 Resp: 651291

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.5	12.7
100	8.0	6.5	9.7



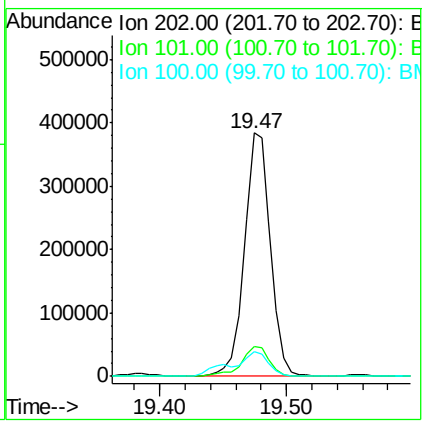


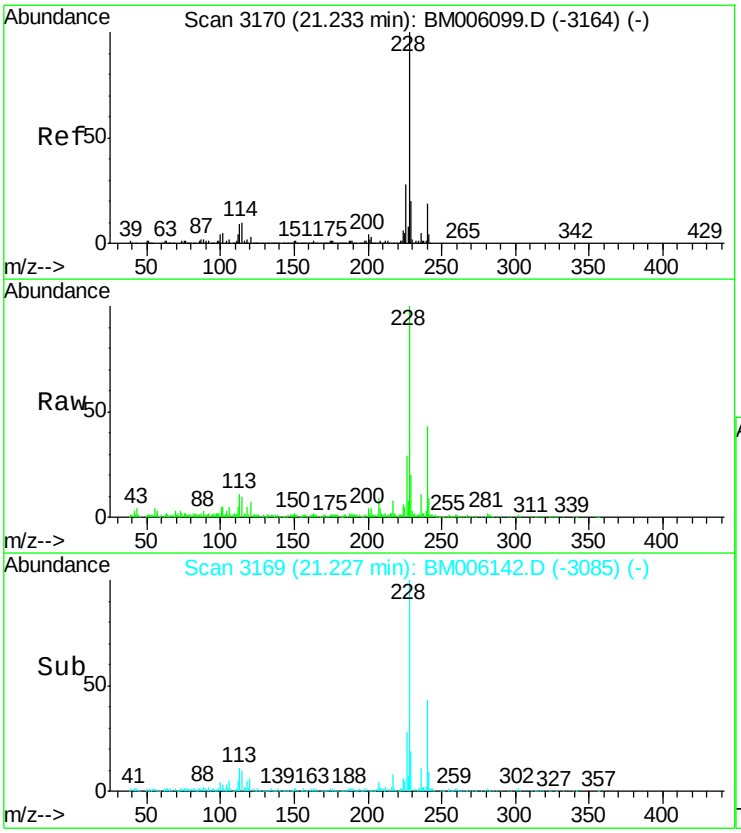
#31
Pyrene
Concen: 8.43 ng/ul
RT: 19.47 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BM006142.D
Acq: 30 Jun 2016 01:15

Instrument :
BNA_M
ClientSampleId :
D9YB2

Tgt Ion:202 Resp: 543070

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.0	16.4
100	10.0	8.9	13.3

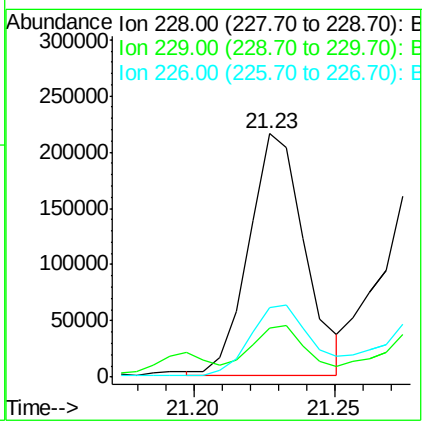


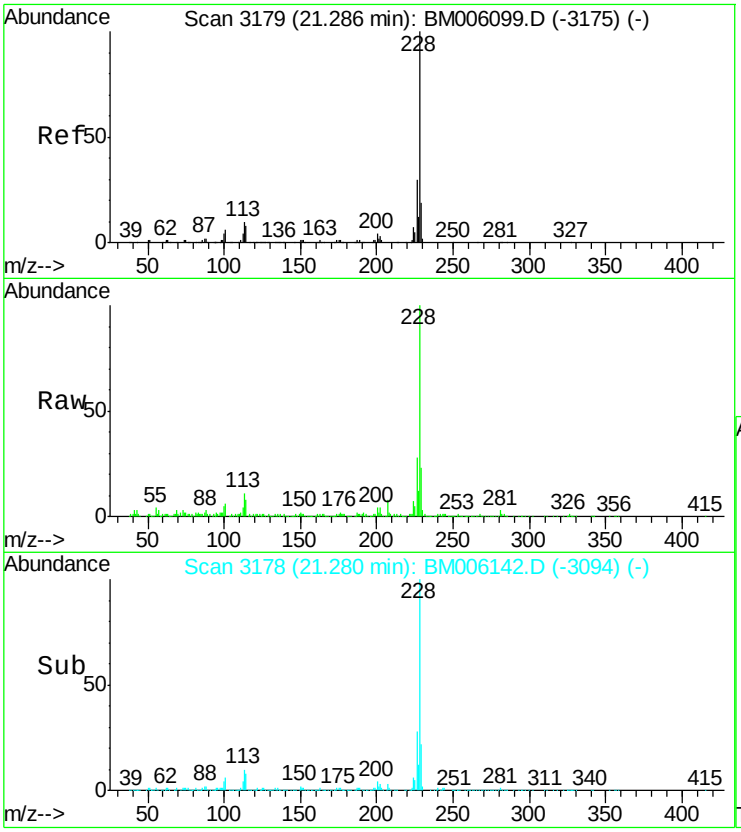


#32
Benzo(a)anthracene
Concen: 4.68 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM006142.D
Acq: 30 Jun 2016 01:15

Tgt Ion:228 Resp: 297432

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	28.6	21.6	32.4



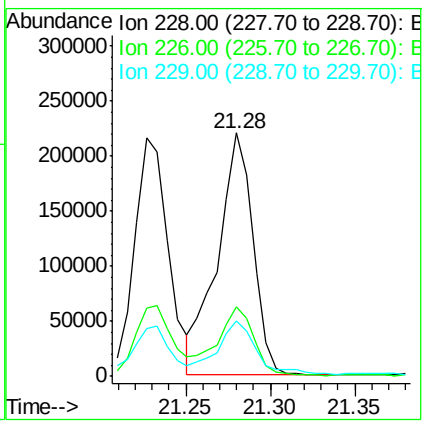


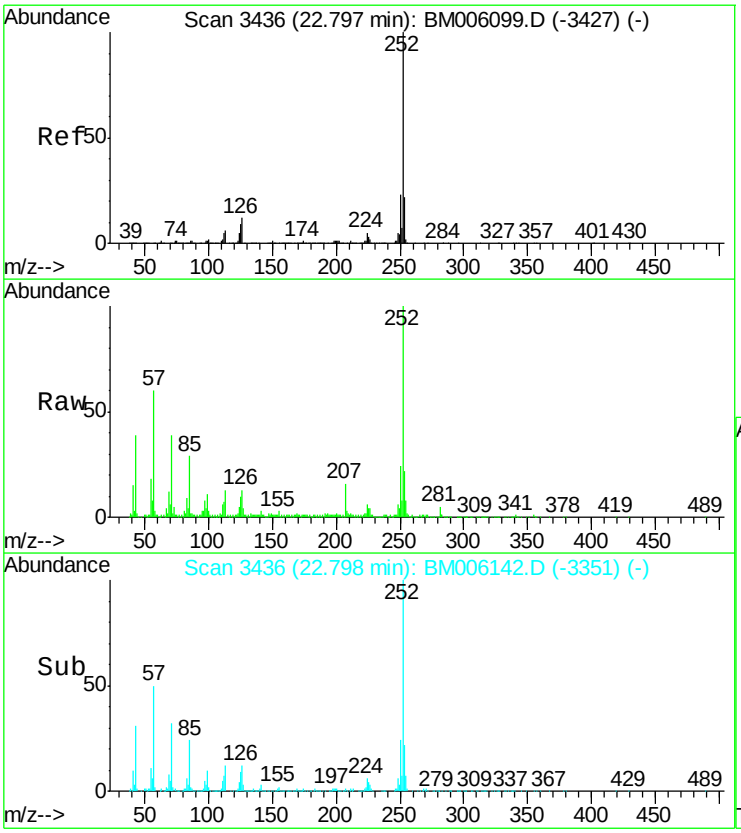
#33
Chrysene
Concen: 5.52 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006142.D
Acq: 30 Jun 2016 01:15

Instrument :
BNA_M
ClientSampleId :
D9YB2

Tgt Ion:228 Resp: 322713

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.8	35.6
229	22.7	15.8	23.6

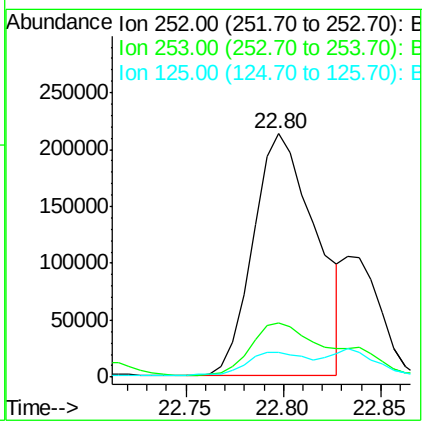


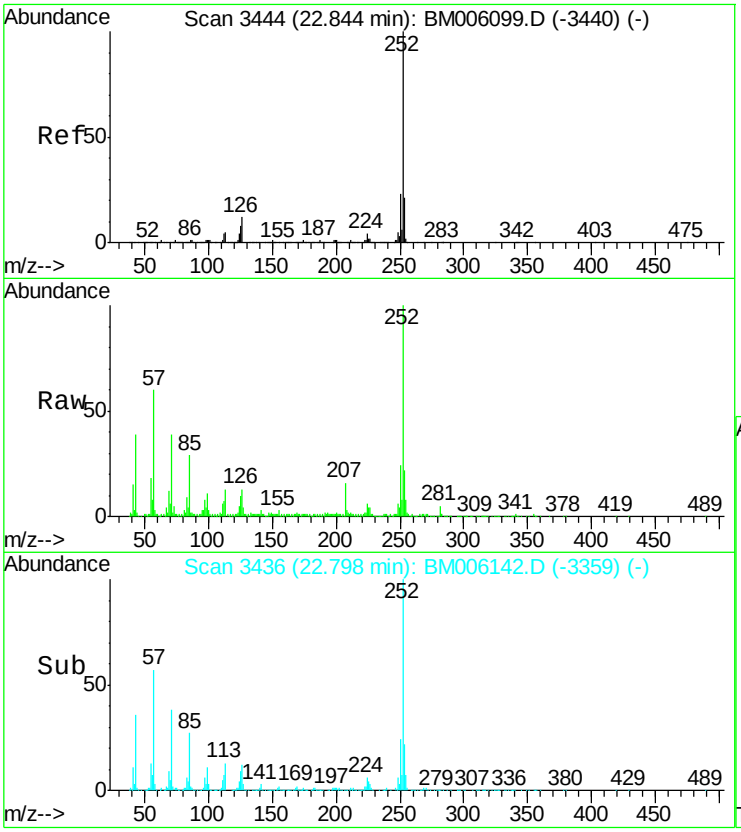


#35
Benzo(b)fluoranthene
Concen: 7.48 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006142.D
Acq: 30 Jun 2016 01:15

Tgt Ion:252 Resp: 474945

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.2	7.8	11.6



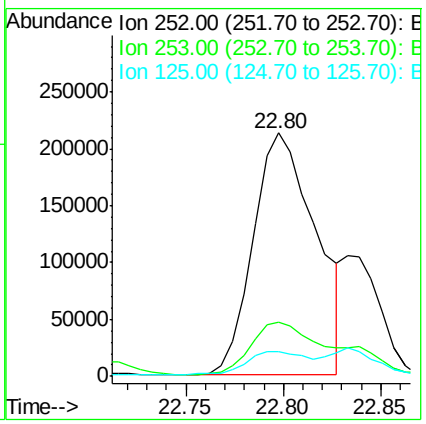


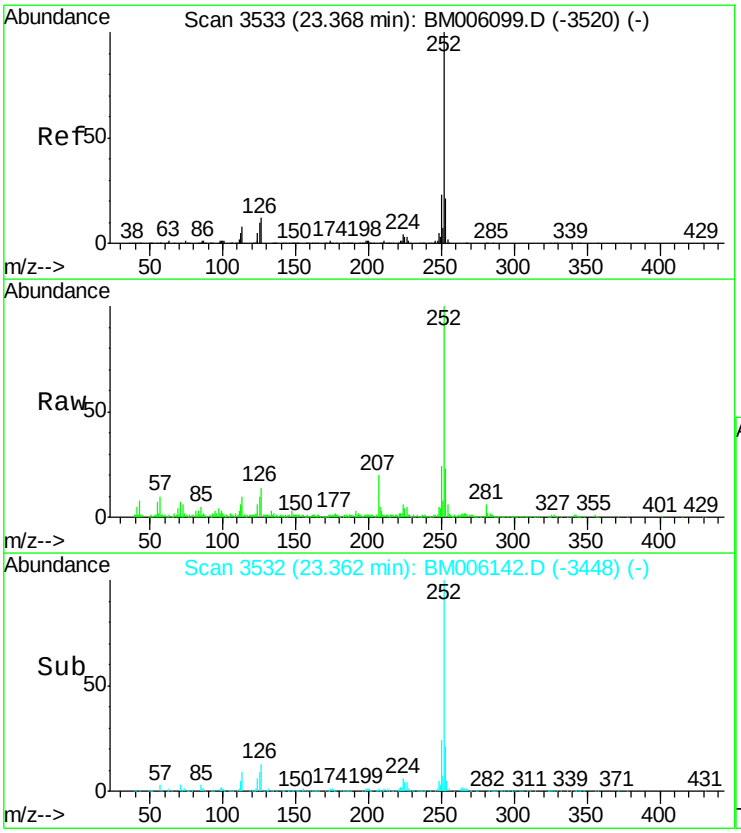
#36
Benzo(k)fluoranthene
Concen: 7.97 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.05 min
Lab File: BM006142.D
Acq: 30 Jun 2016 01:15

Instrument :
BNA_M
ClientSampleId :
D9YB2

Tgt Ion:252 Resp: 474945

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.2	8.1	12.1

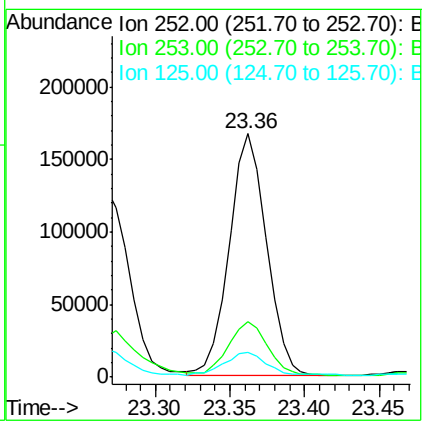


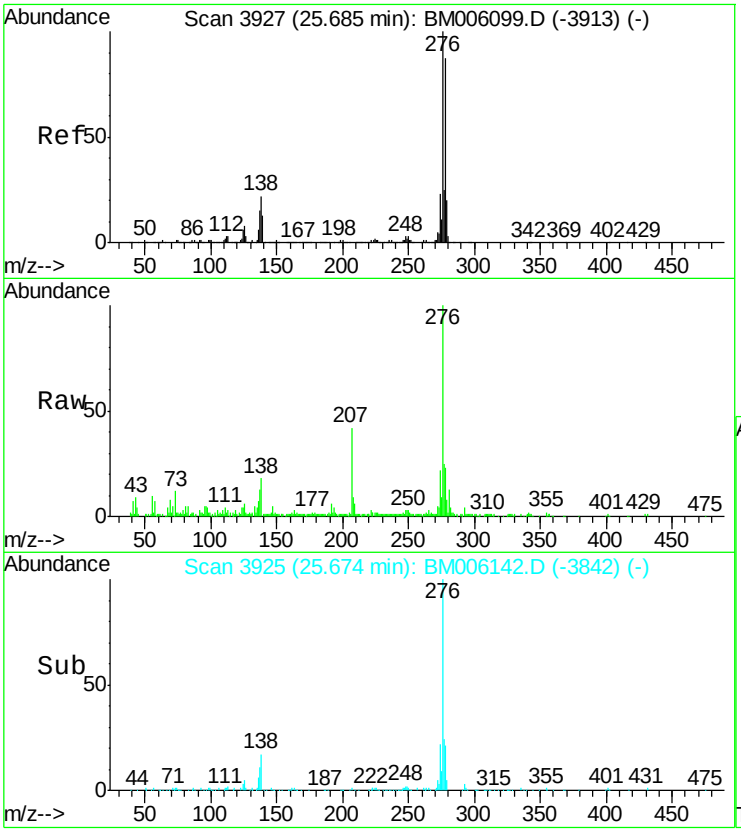


#38
Benzo(a)pyrene
Concen: 4.85 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006142.D
Acq: 30 Jun 2016 01:15

Tgt Ion:252 Resp: 291221

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	10.4	8.7	13.1



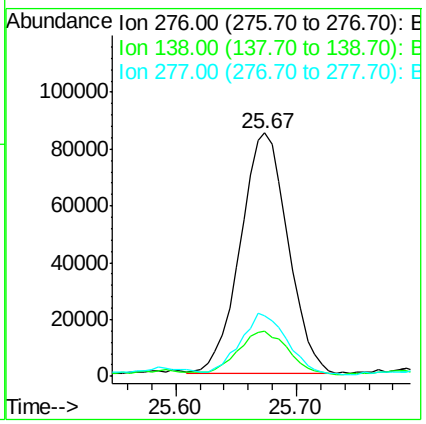


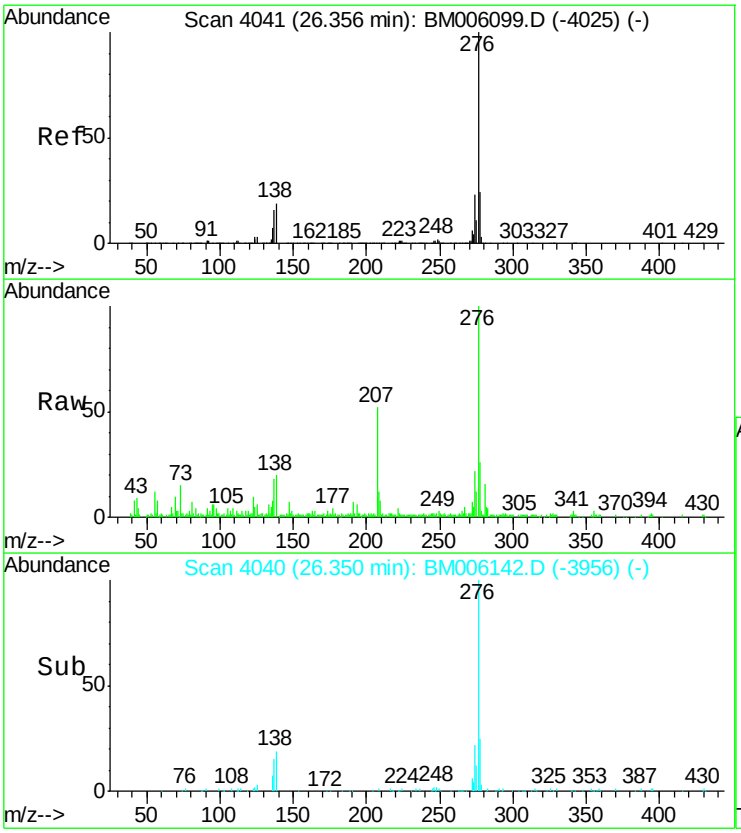
#39
Indeno(1,2,3-cd)pyrene
Concen: 3.74 ng/ul
RT: 25.67 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BM006142.D
Acq: 30 Jun 2016 01:15

Instrument :
BNA_M
ClientSampleId :
D9YB2

Tgt Ion:276 Resp: 232961

Ion	Ratio	Lower	Upper
276	100		
138	18.4	20.4	30.6#
277	24.9	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 4.09 ng/ul
RT: 26.35 min Scan# 4040
Delta R.T. -0.01 min
Lab File: BM006142.D
Acq: 30 Jun 2016 01:15

Tgt Ion:276 Resp: 213748

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.6	25.0
277	26.4	18.9	28.3