Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006148.D
Acq On : 30 Jun 2016 04:51
Operator : UM/SJ
Sample : H3780-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YF2

Quant Time: Jun 30 05:38:26 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	238229	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1134205	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	668698	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1556278	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1671607	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1385840	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	9566	1.87	ng/uL	0.00
3) Phenol-d5	6.83	99	535713	27.53	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	313250	27.30	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	395720	26.49	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	447712	28.58	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	209569	27.43	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	236865	27.09	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	429790	26.94	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	512133	40.61	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1346744	28.09	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1695254	29.14	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	251597	27.66	ng/ul	0.00
21) Fluorene-d10	15.30	176	1179828	28.85	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	203082	36.84	ng/ul	0.00
26) Anthracene-d10	17.15	188	1803688	28.89	ng/ul	0.00
30) Pyrene-d10	19.45	212	2073832	30.81	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1636748	29.68	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	194622	2.64	ng/ul	99
27) Anthracene	17.09	178	194622	2.57	ng/ul	99
28) Fluoranthene	19.12	202	505874	5.61	ng/ul	98
31) Pyrene	19.48	202	391946	4.45	ng/ul	96
32) Benzo(a)anthracene	21.23	228	230895	2.66	ng/ul	98
33) Chrysene	21.28	228	243226	3.04	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	308950	4.30	ng/ul	94
36) Benzo(k)fluoranthene	22.80	252	308950	4.58	ng/ul	95
38) Benzo(a)pyrene	23.36	252	185713	2.73	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.67	276	126543	1.79	ng/ul#	92
41) Benzo(g,h,i)perylene	26.36	276	117576	1.99	ng/ul	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006148.D
Acq On : 30 Jun 2016 04:51
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Sample : H3780-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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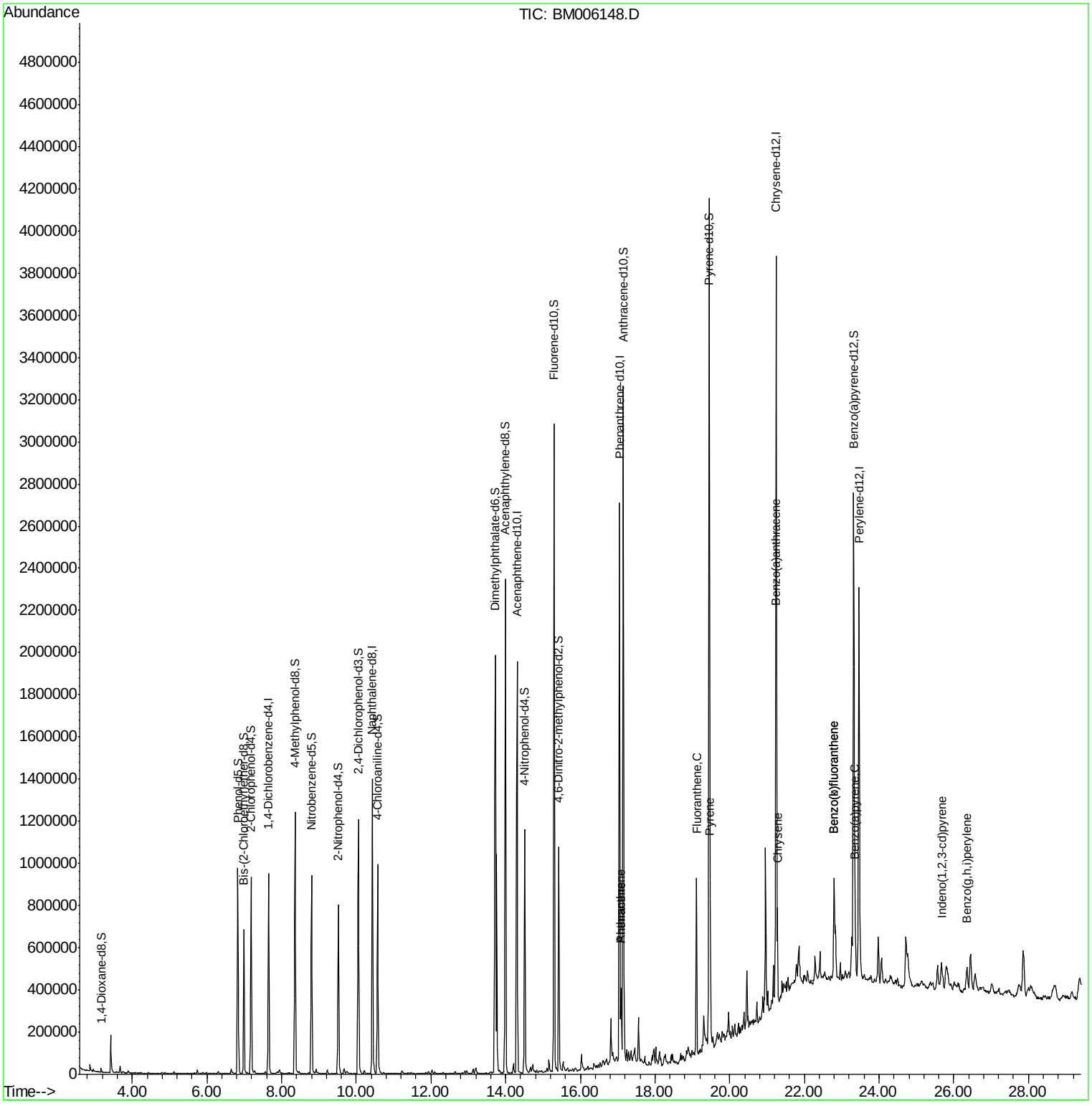
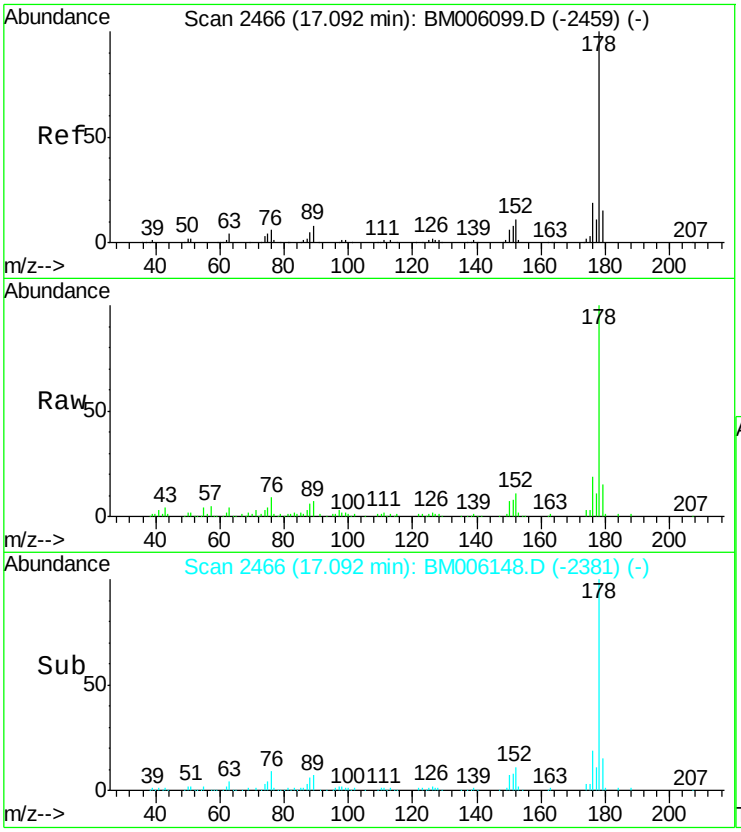


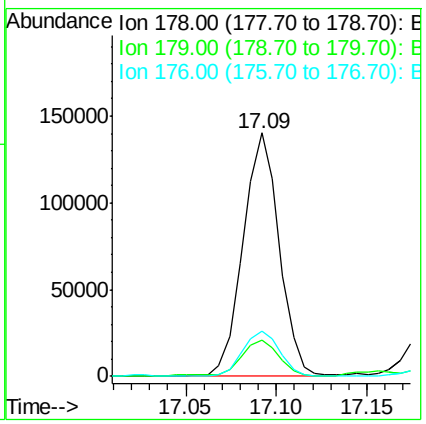


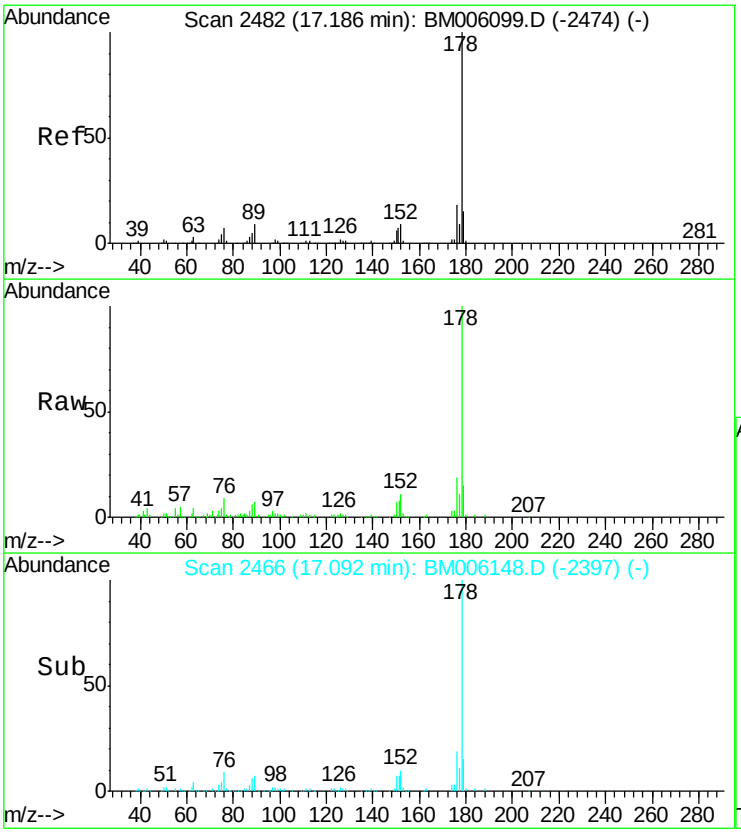
#25
Phenanthrene
Concen: 2.64 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BM006148.D
Acq: 30 Jun 2016 04:51

Instrument :
BNA_M
ClientSampleId :
D9YF2

Tgt Ion:178 Resp: 194622

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	18.6	15.3	22.9

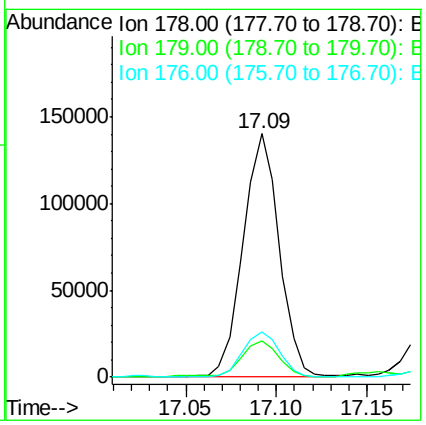


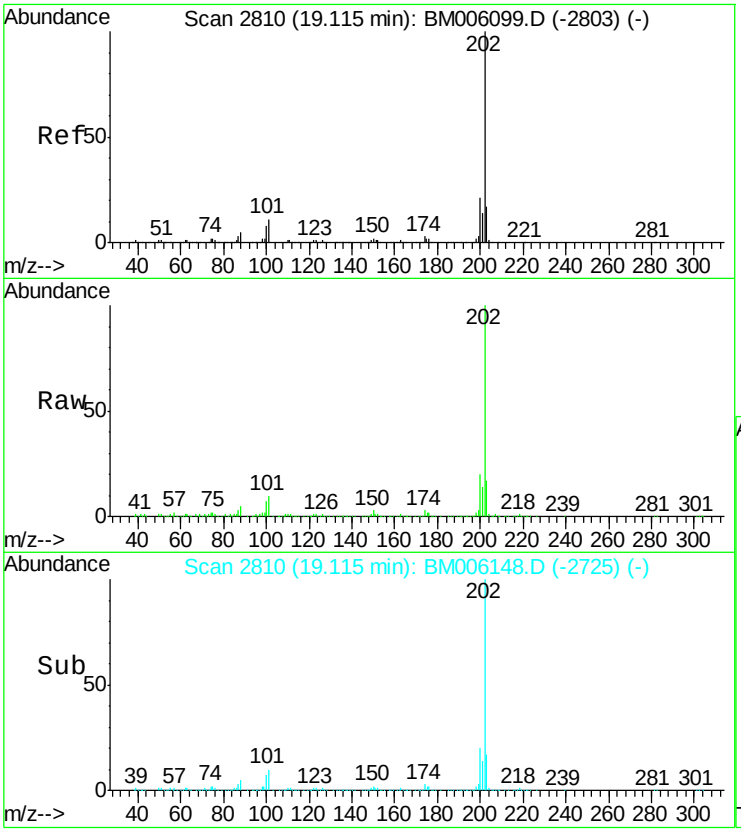


#27
Anthracene
Concen: 2.57 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. -0.09 min
Lab File: BM006148.D
Acq: 30 Jun 2016 04:51

Tgt Ion:178 Resp: 194622

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.6	14.6	22.0



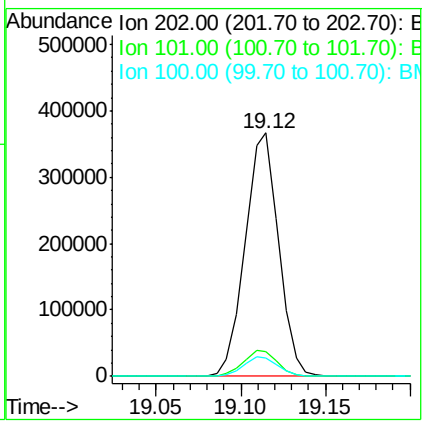


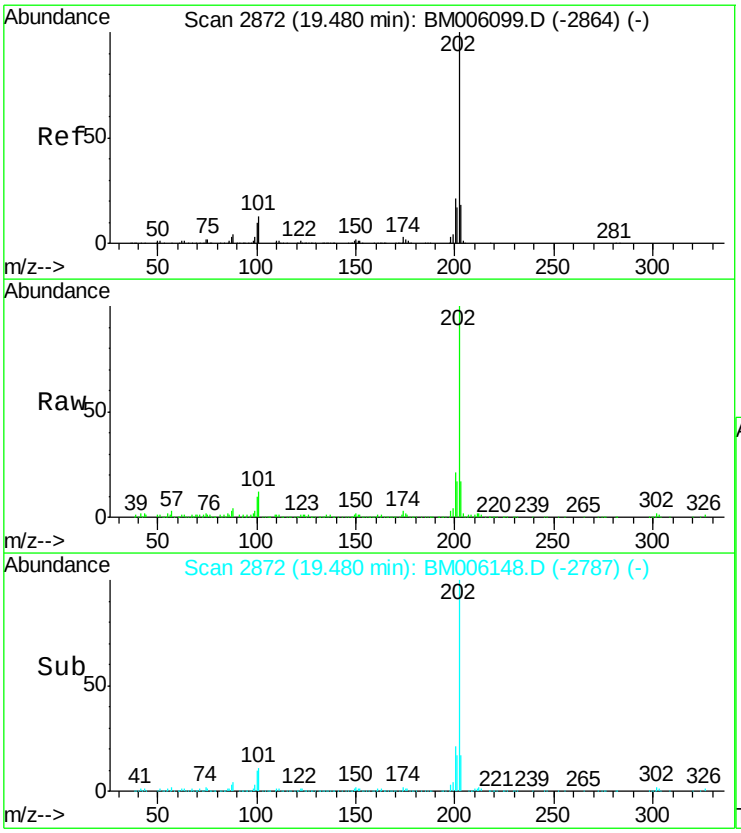
#28
Fluoranthene
Concen: 5.61 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BM006148.D
Acq: 30 Jun 2016 04:51

Instrument :
BNA_M
ClientSampleId :
D9YF2

Tgt Ion:202 Resp: 505874

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.5	12.7
100	7.5	6.5	9.7

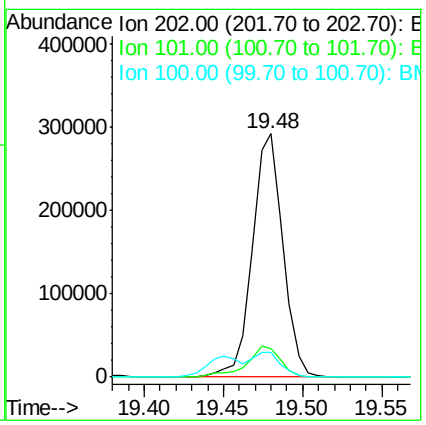


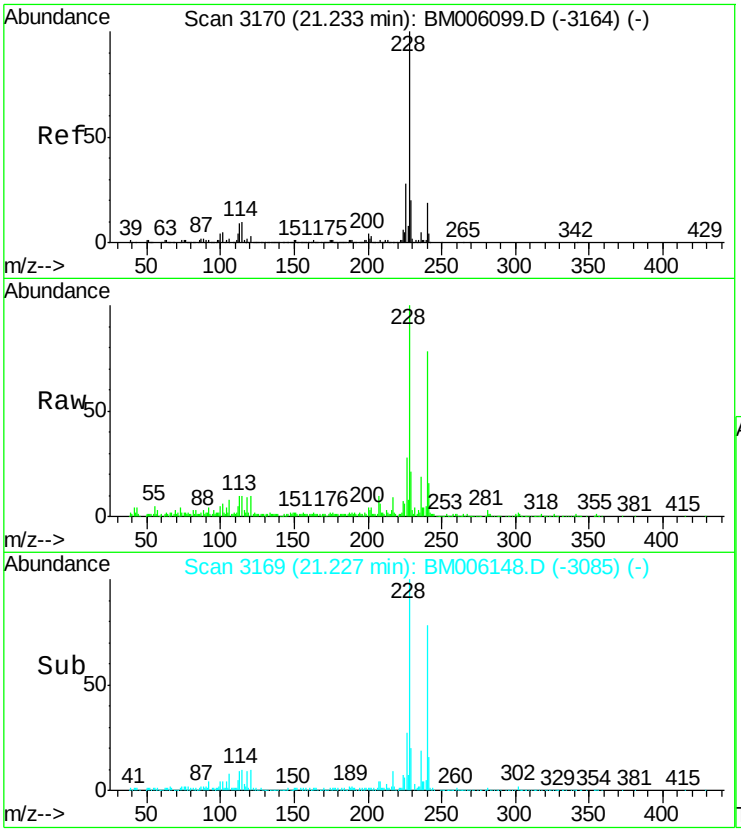


#31
Pyrene
Concen: 4.45 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. -0.00 min
Lab File: BM006148.D
Acq: 30 Jun 2016 04:51

Tgt Ion:202 Resp: 391946

Ion	Ratio	Lower	Upper
202	100		
101	11.5	11.0	16.4
100	10.1	8.9	13.3



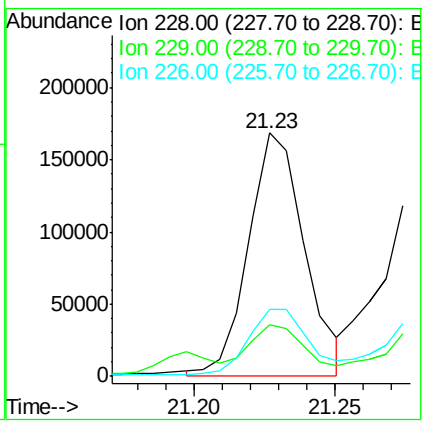


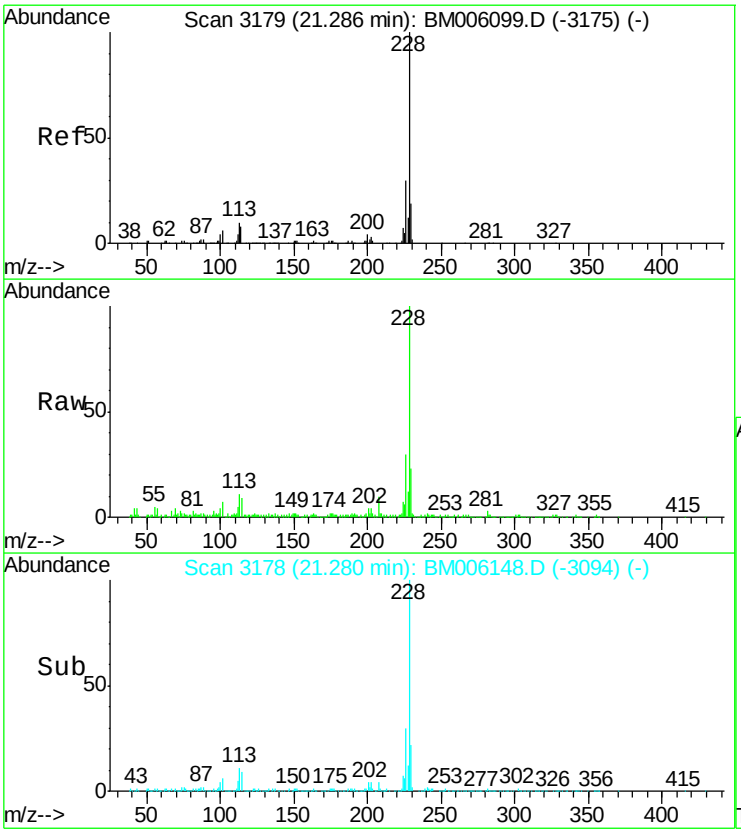
#32
Benzo(a)anthracene
Concen: 2.66 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM006148.D
Acq: 30 Jun 2016 04:51

Instrument :
BNA_M
ClientSampleId :
D9YF2

Tgt Ion:228 Resp: 230895

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.6	23.4
226	27.5	21.6	32.4

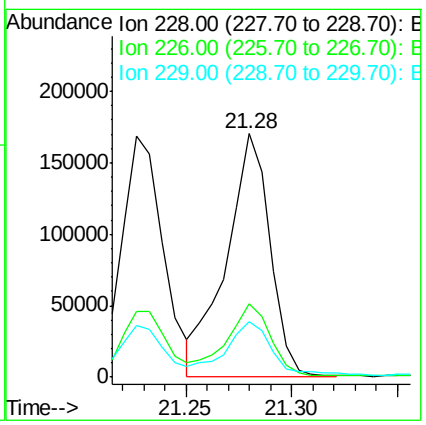


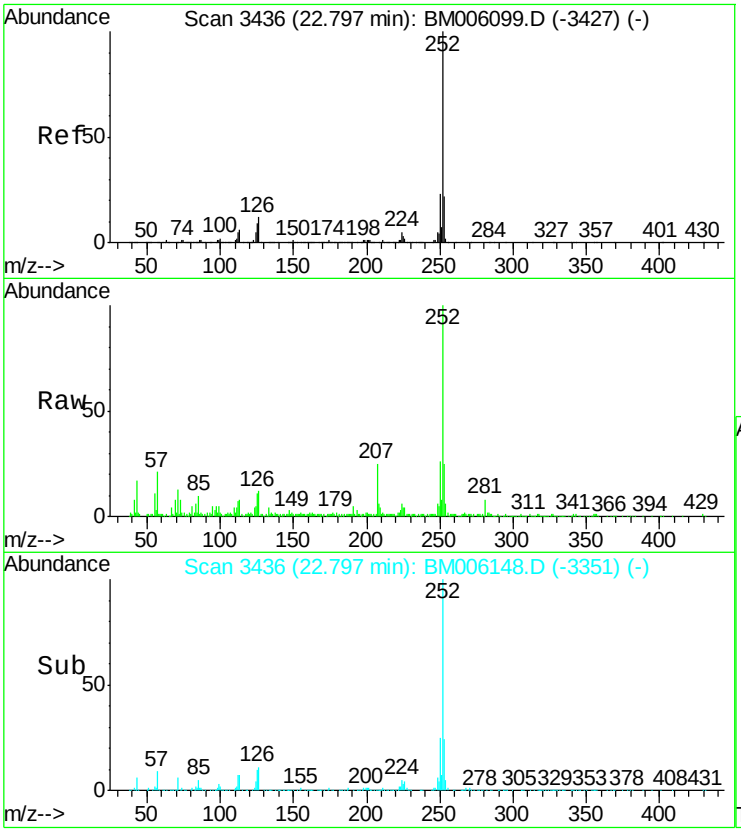


#33
Chrysene
Concen: 3.04 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006148.D
Acq: 30 Jun 2016 04:51

Tgt Ion:228 Resp: 243226

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	22.7	15.8	23.6



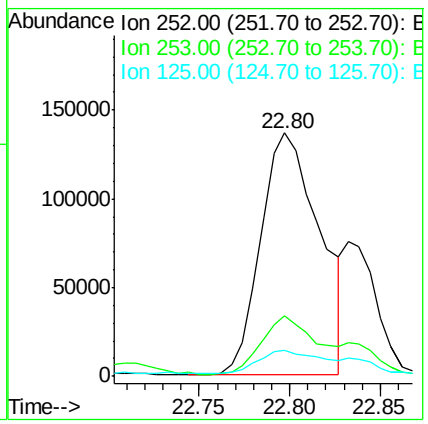


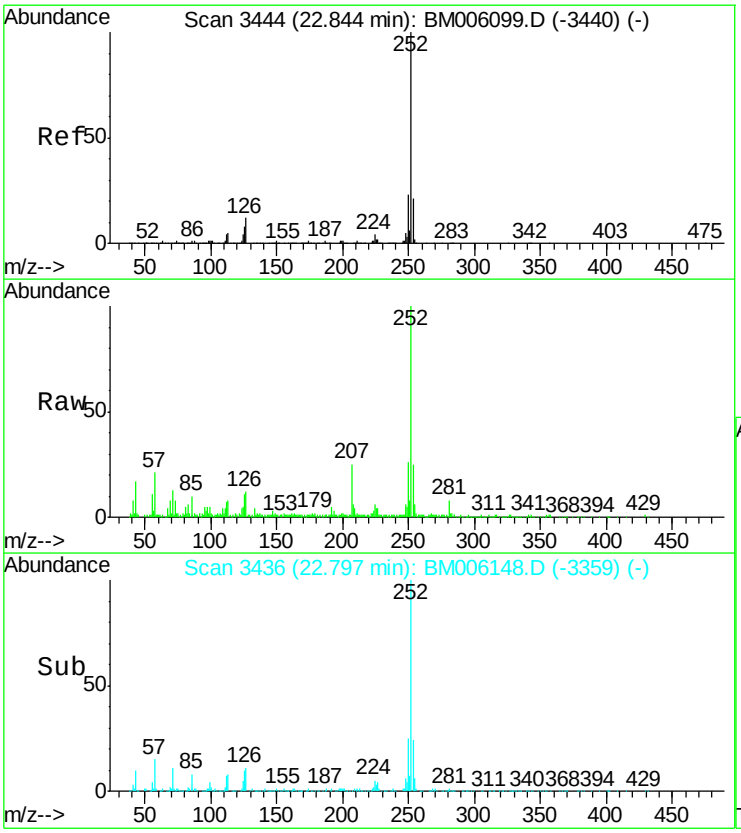
#35
Benzo(b)fluoranthene
Concen: 4.30 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BM006148.D
Acq: 30 Jun 2016 04:51

Instrument :
BNA_M
ClientSampleId :
D9YF2

Tgt Ion:252 Resp: 308950

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	10.9	7.8	11.6

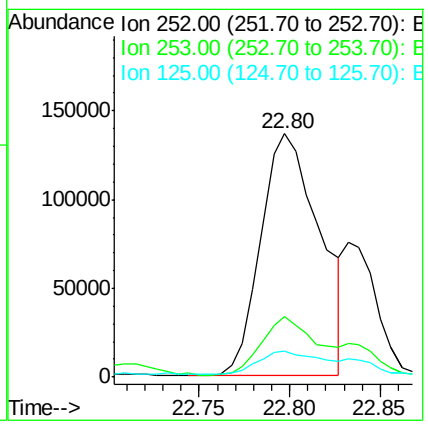


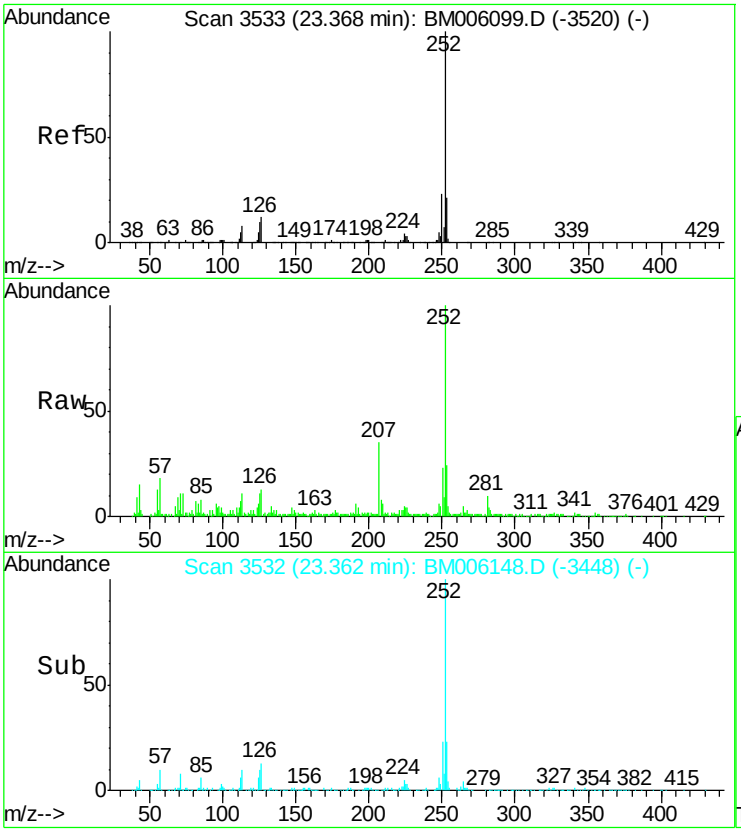


#36
Benzo(k)fluoranthene
Concen: 4.58 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.05 min
Lab File: BM006148.D
Acq: 30 Jun 2016 04:51

Tgt Ion:252 Resp: 308950

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.6	26.4
125	10.9	8.1	12.1



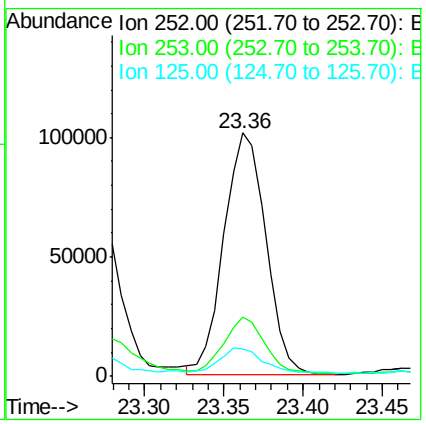


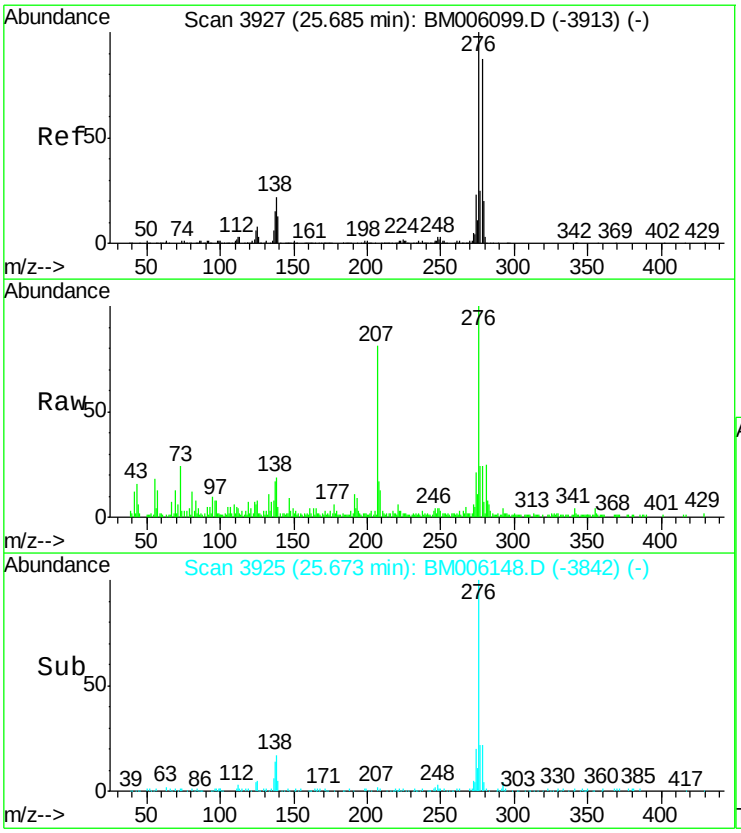
#38
Benzo(a)pyrene
Concen: 2.73 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006148.D
Acq: 30 Jun 2016 04:51

Instrument :
BNA_M
ClientSampleId :
D9YF2

Tgt Ion:252 Resp: 185713

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	11.3	8.7	13.1

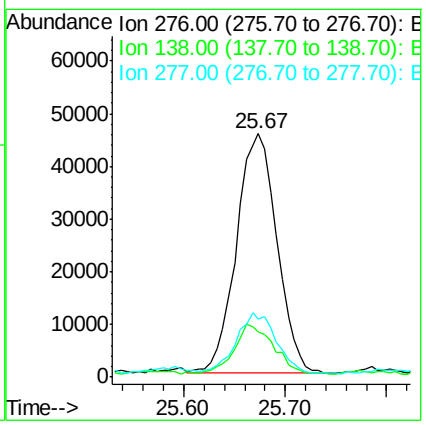


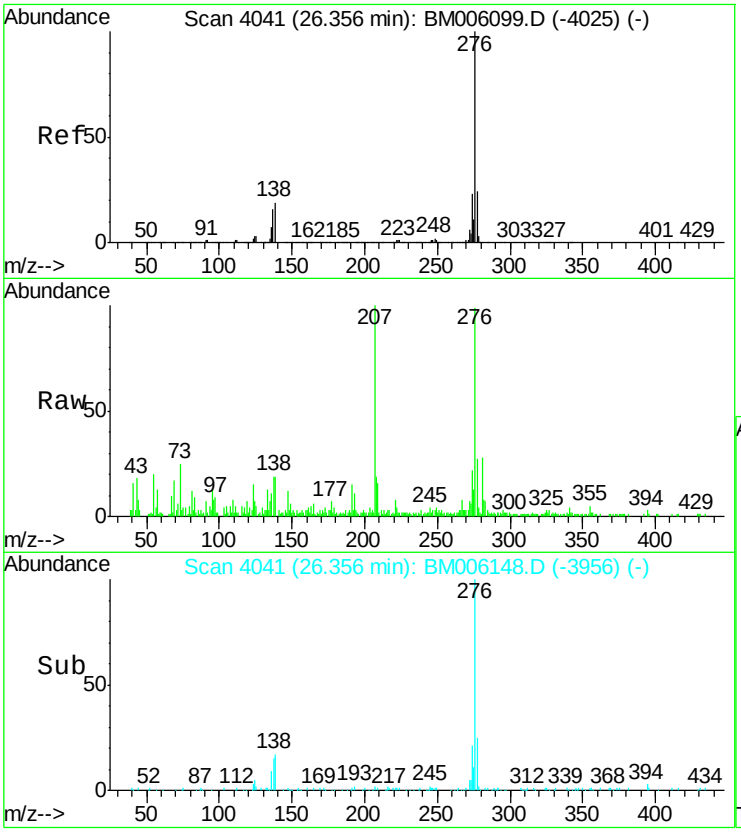


#39
Indeno(1,2,3-cd)pyrene
Concen: 1.79 ng/ul
RT: 25.67 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BM006148.D
Acq: 30 Jun 2016 04:51

Tgt Ion:276 Resp: 126543

Ion	Ratio	Lower	Upper
276	100		
138	18.8	20.4	30.6#
277	24.0	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 1.99 ng/ul
RT: 26.36 min Scan# 4041
Delta R.T. -0.00 min
Lab File: BM006148.D
Acq: 30 Jun 2016 04:51

Instrument :
BNA_M
ClientSampleId :
D9YF2

Tgt Ion:276 Resp: 117576

Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.6	25.0
277	26.9	18.9	28.3