Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006145.D
Acq On : 30 Jun 2016 03:03
Operator : UM/SJ
Sample : H3777-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YB7

Manual Integrations
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6/30/2016 7:44:33 PM

Quant Time: Jun 30 04:16:39 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	261196	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1229294	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	717109	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1565268	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1208720	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1108439	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	6766	1.20	ng/uL	0.00
3) Phenol-d5	6.82	99	333723	15.64	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	230441	18.32	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	271805	16.60	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	238990	13.92	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	146707m	17.72	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	161816	17.08	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.05	165	290629	16.81	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	259408	18.98	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	935600	18.20	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1181143	18.93	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	83236	8.53	ng/ul	0.00
21) Fluorene-d10	15.30	176	818283	18.66	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	101192	18.25	ng/ul	0.00
26) Anthracene-d10	17.14	188	1199328	19.10	ng/ul	0.00
30) Pyrene-d10	19.45	212	1212343	24.91	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	850002	19.27	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	174794	2.36	ng/ul	99
28) Fluoranthene	19.11	202	530471	5.85	ng/ul	99
31) Pyrene	19.47	202	440055	6.90	ng/ul	99
32) Benzo(a)anthracene	21.23	228	235209	3.74	ng/ul	99
33) Chrysene	21.28	228	250195	4.32	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	324513	5.64	ng/ul	97
36) Benzo(k)fluoranthene	22.83	252	129922m	2.41	ng/ul	
38) Benzo(a)pyrene	23.36	252	210527	3.87	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.67	276	169953m	3.01	ng/ul	
41) Benzo(g,h,i)perylene	26.35	276	160471	3.39	ng/ul	98

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

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Instrument :
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ClientSampleId :
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Manual Integrations
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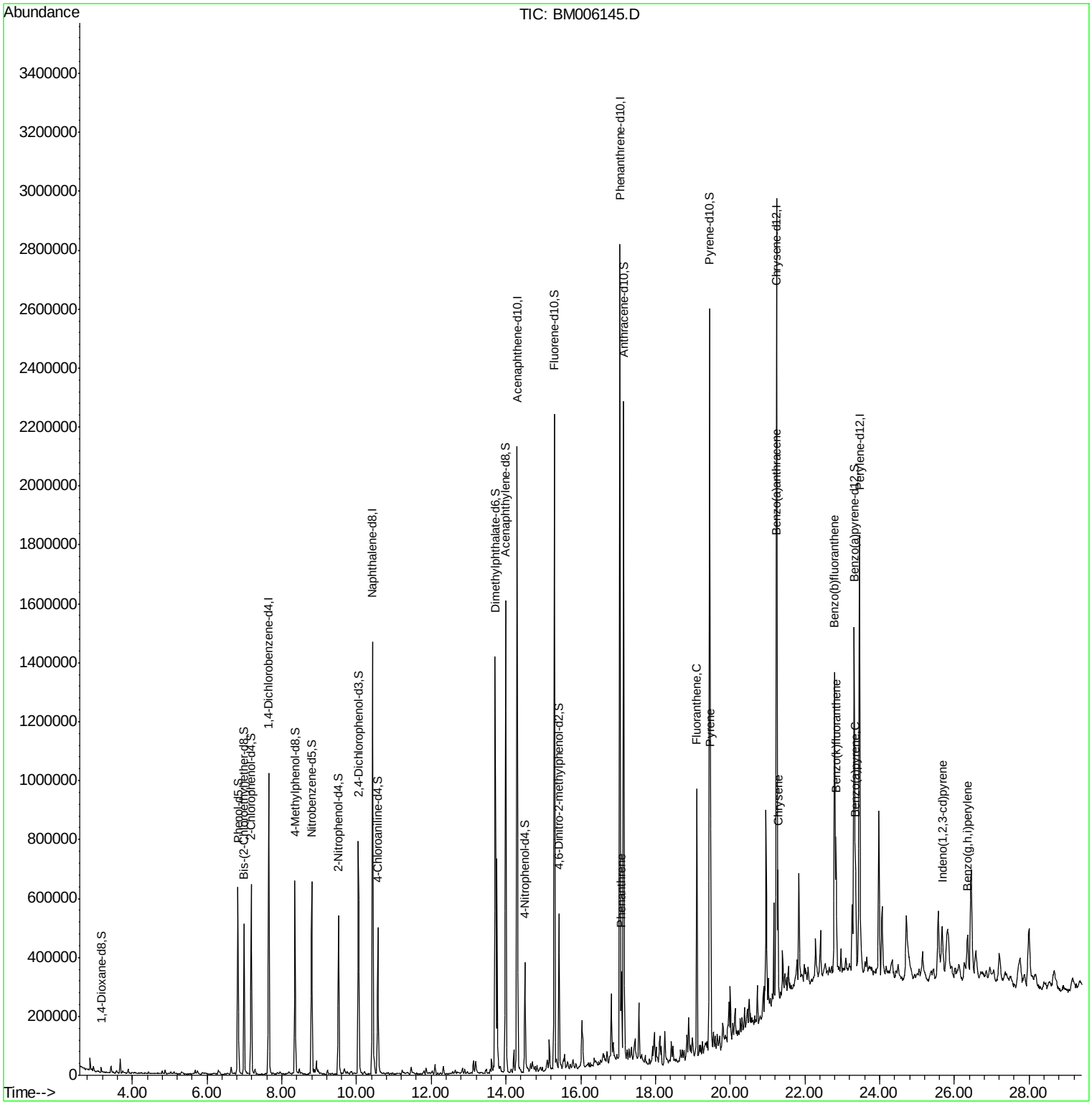
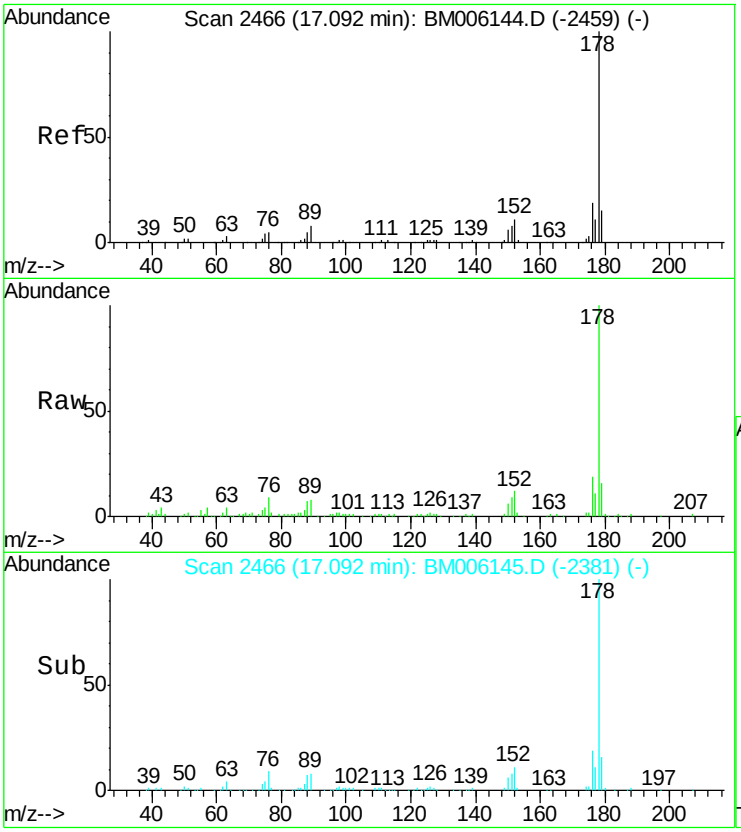
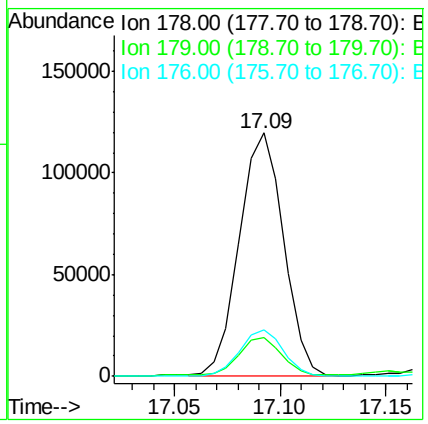




#25
Phenanthrene
Concen: 2.36 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006145.D
Acq: 30 Jun 2016 03:03

Tgt Ion:178 Resp: 174794

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	19.3	15.3	22.9



Instrument :
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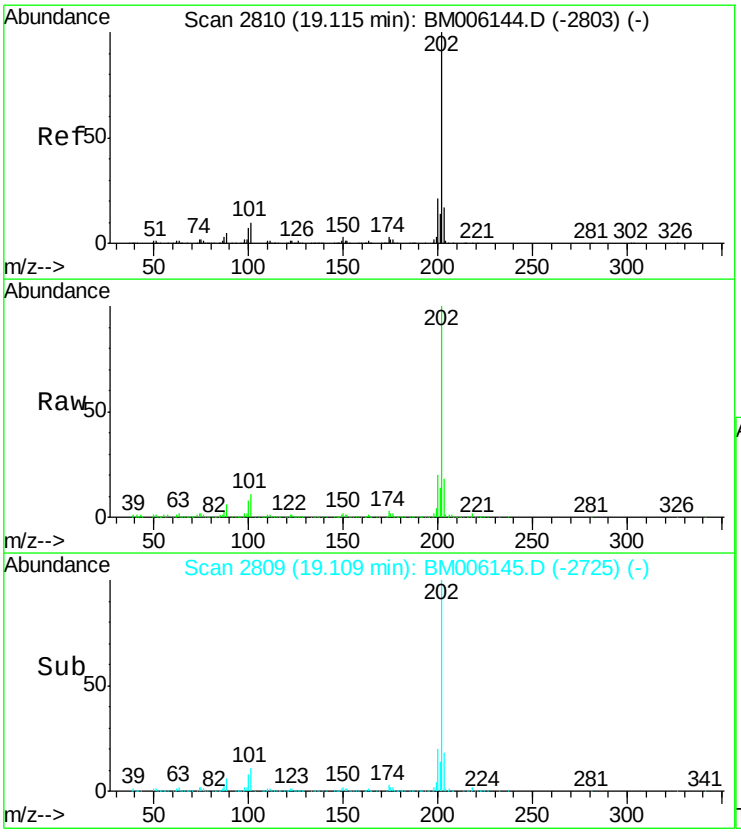
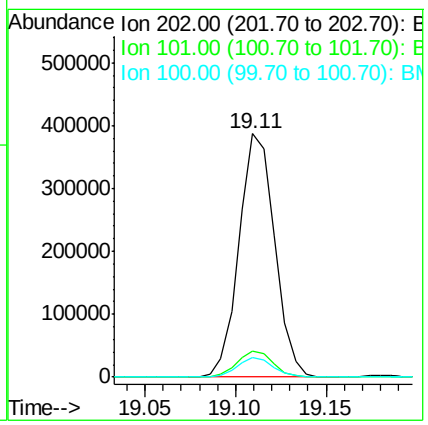
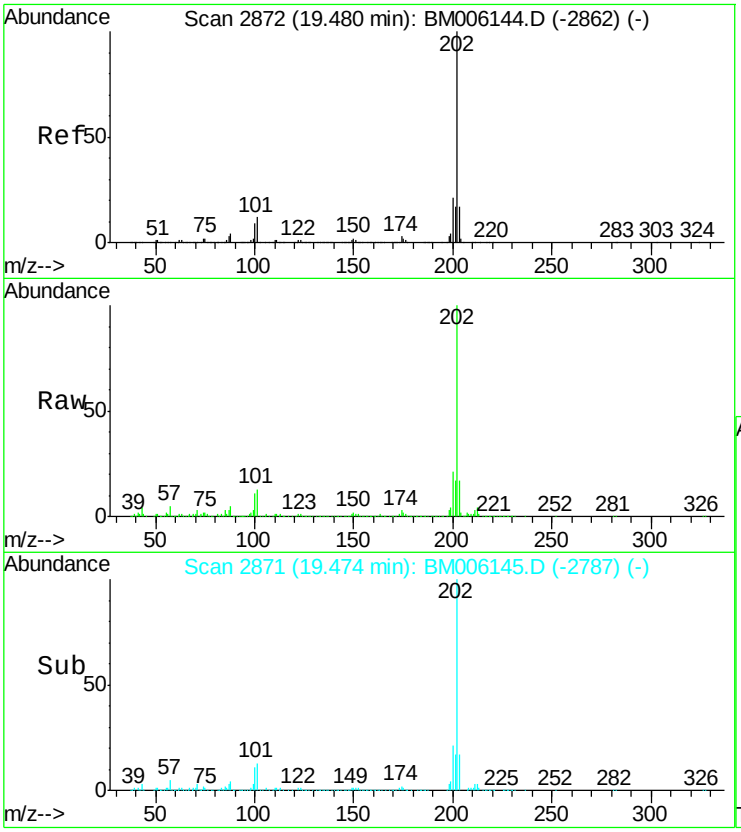


#28
Fluoranthene
Concen: 5.85 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM006145.D
Acq: 30 Jun 2016 03:03

Tgt Ion:202 Resp: 530471

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.5	12.7
100	8.1	6.5	9.7

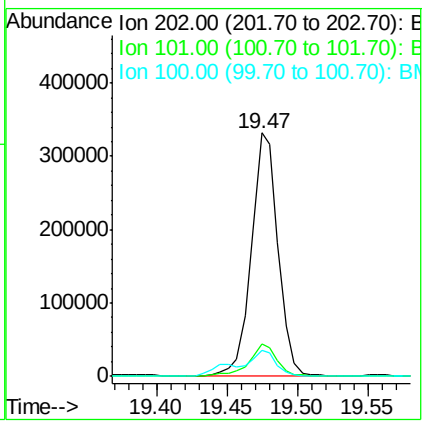




#31
Pyrene
Concen: 6.90 ng/ul
RT: 19.47 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BM006145.D
Acq: 30 Jun 2016 03:03

Tgt Ion:202 Resp: 440055

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.0	16.4
100	10.6	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
D9YB7

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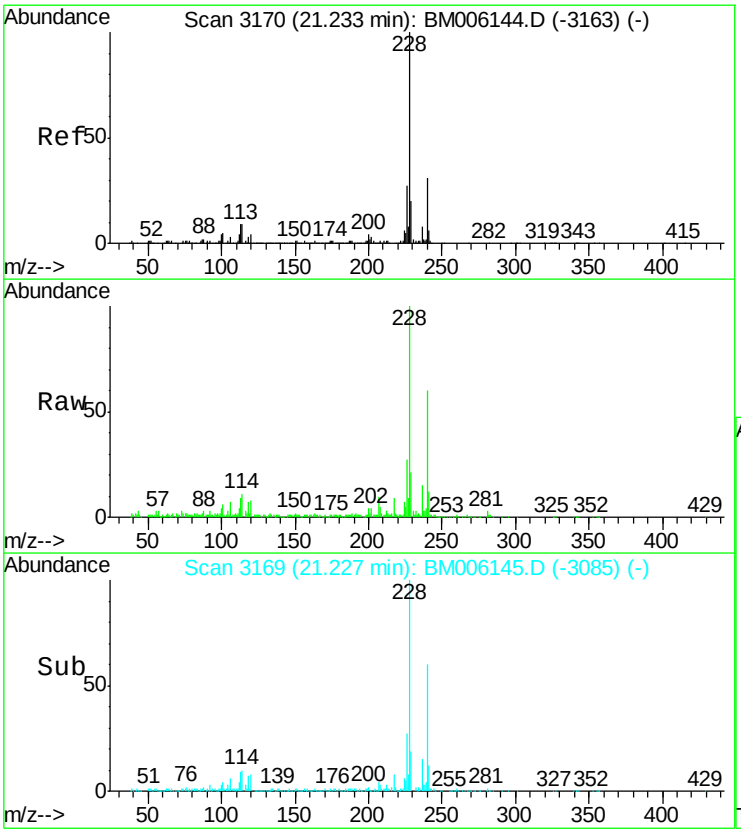
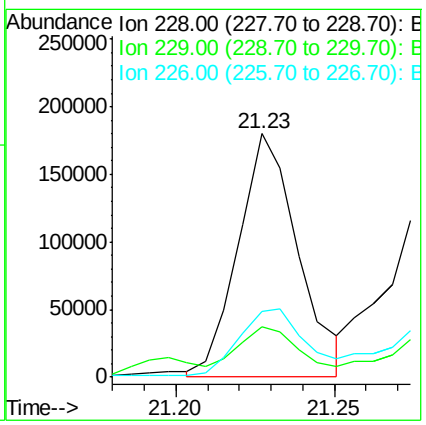
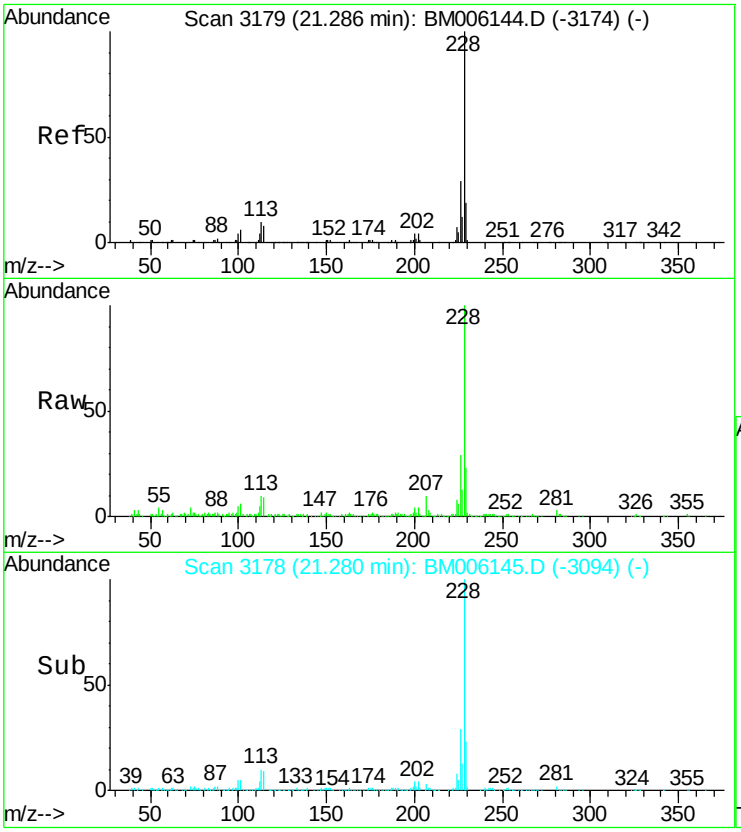


#32
Benzo(a)anthracene
Concen: 3.74 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM006145.D
Acq: 30 Jun 2016 03:03

Tgt Ion:228 Resp: 235209

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	27.2	21.6	32.4

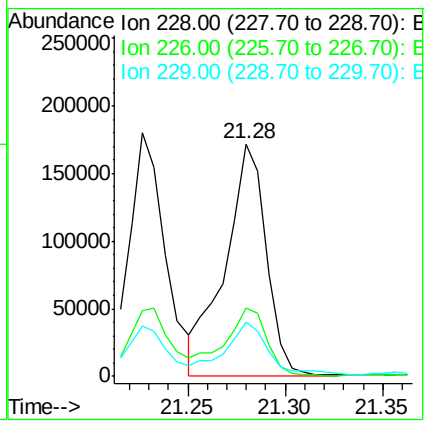




#33
Chrysene
Concen: 4.32 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006145.D
Acq: 30 Jun 2016 03:03

Tgt Ion:228 Resp: 250195

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	23.2	15.8	23.6



Instrument :
BNA_M
ClientSampleId :
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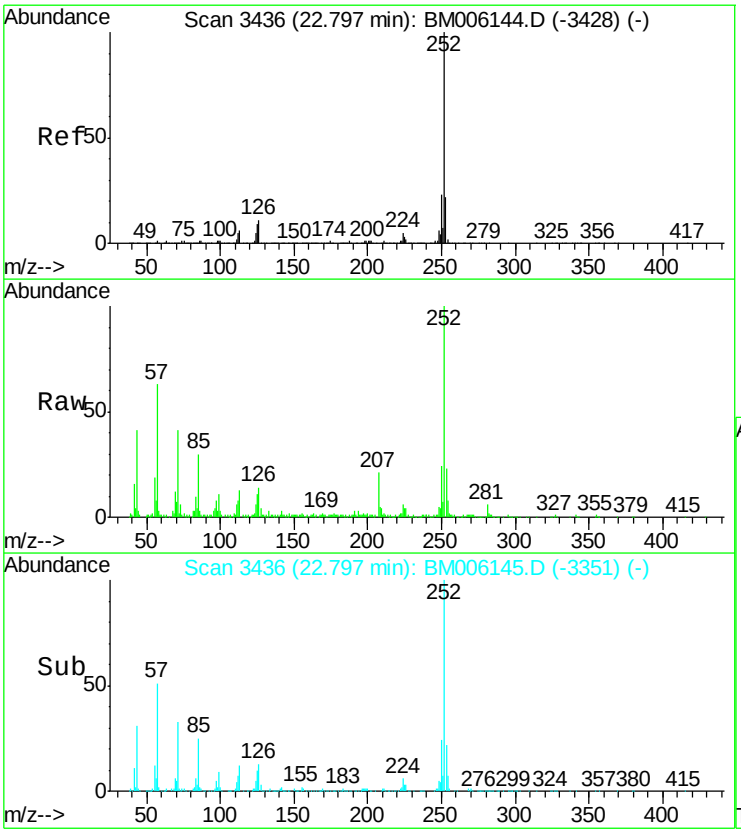
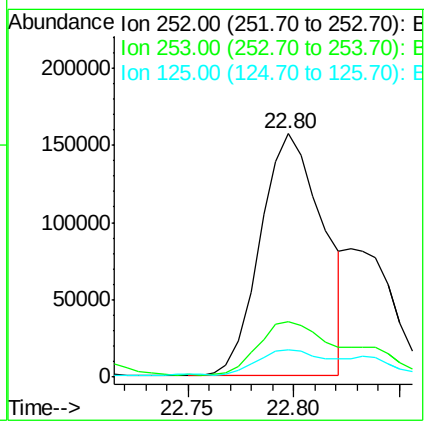
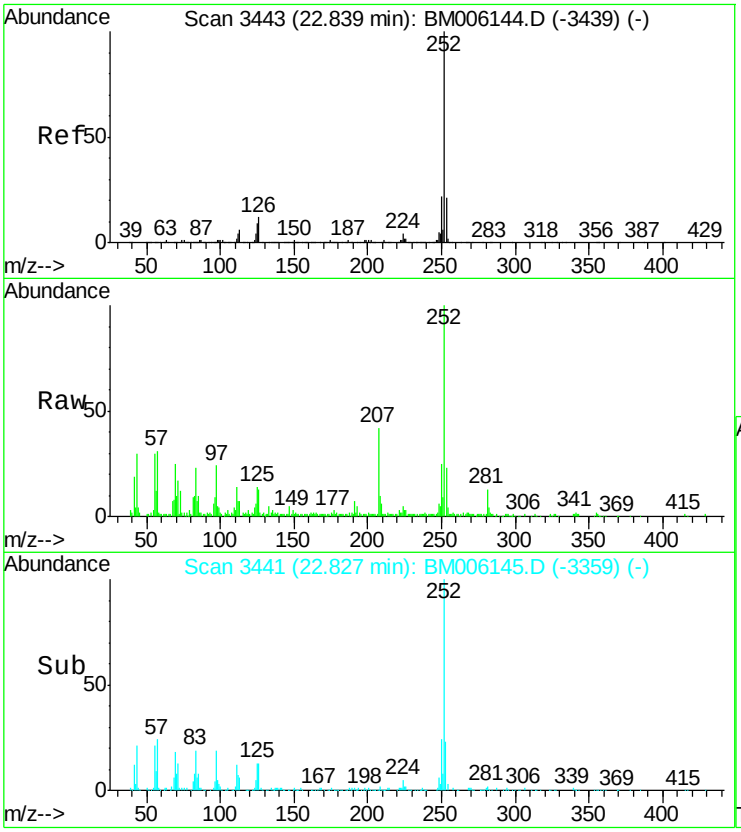


#35
Benzo(b)fluoranthene
Concen: 5.64 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006145.D
Acq: 30 Jun 2016 03:03

Tgt Ion:252 Resp: 324513

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	11.1	7.8	11.6

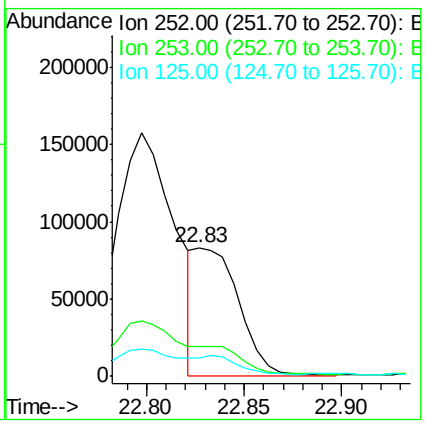




#36
Benzo(k)fluoranthene
Concen: 2.41 ng/ul m
RT: 22.83 min Scan# 3441
Delta R.T. -0.02 min
Lab File: BM006145.D
Acq: 30 Jun 2016 03:03

Tgt Ion:252 Resp: 129922

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	14.0	8.1	12.1#



Instrument :
BNA_M
ClientSampleId :
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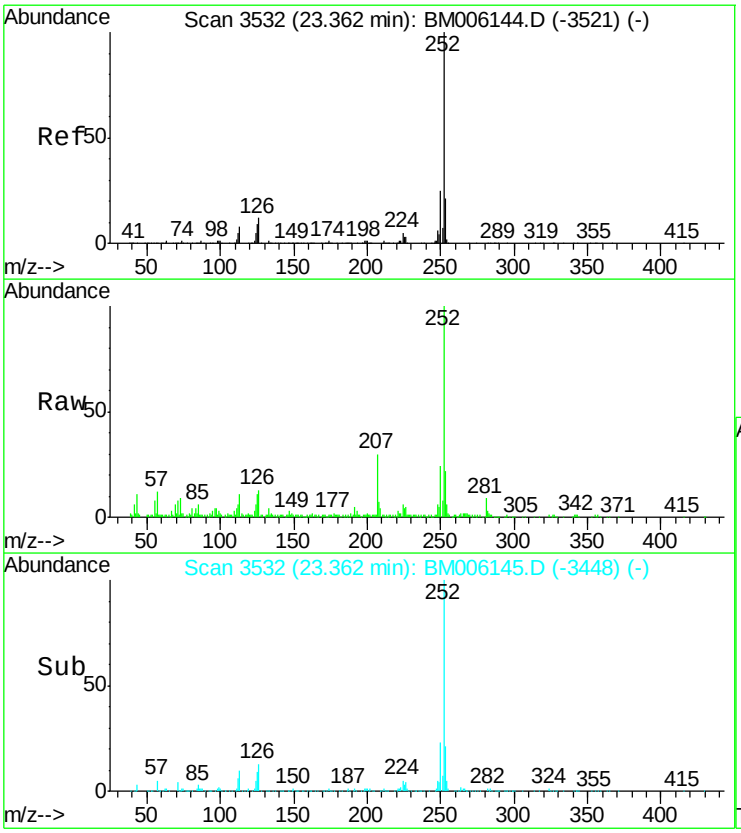
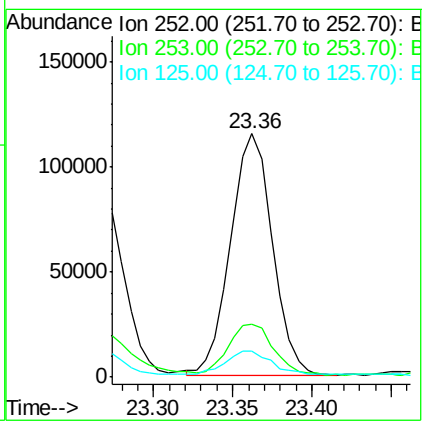
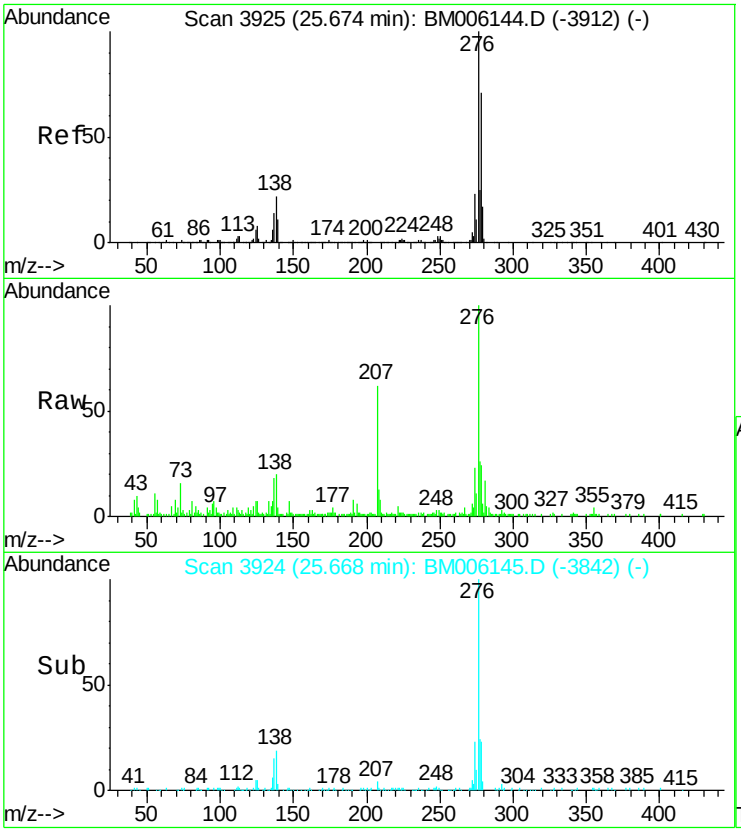


#38
Benzo(a)pyrene
Concen: 3.87 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006145.D
Acq: 30 Jun 2016 03:03

Tgt Ion:252 Resp: 210527

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.6	8.7	13.1

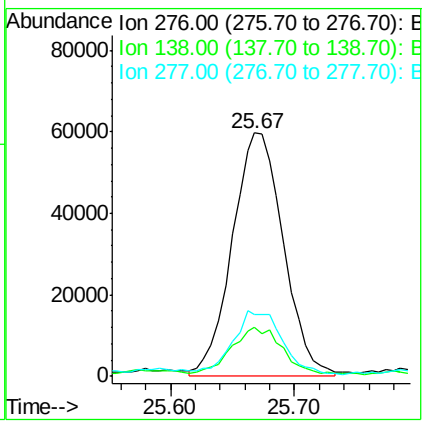




#39
Indeno(1,2,3-cd)pyrene
Concen: 3.01 ng/ul m
RT: 25.67 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM006145.D
Acq: 30 Jun 2016 03:03

Tgt Ion:276 Resp: 169953

Ion	Ratio	Lower	Upper
276	100		
138	20.3	20.4	30.6#
277	25.5	20.6	30.8



Instrument :
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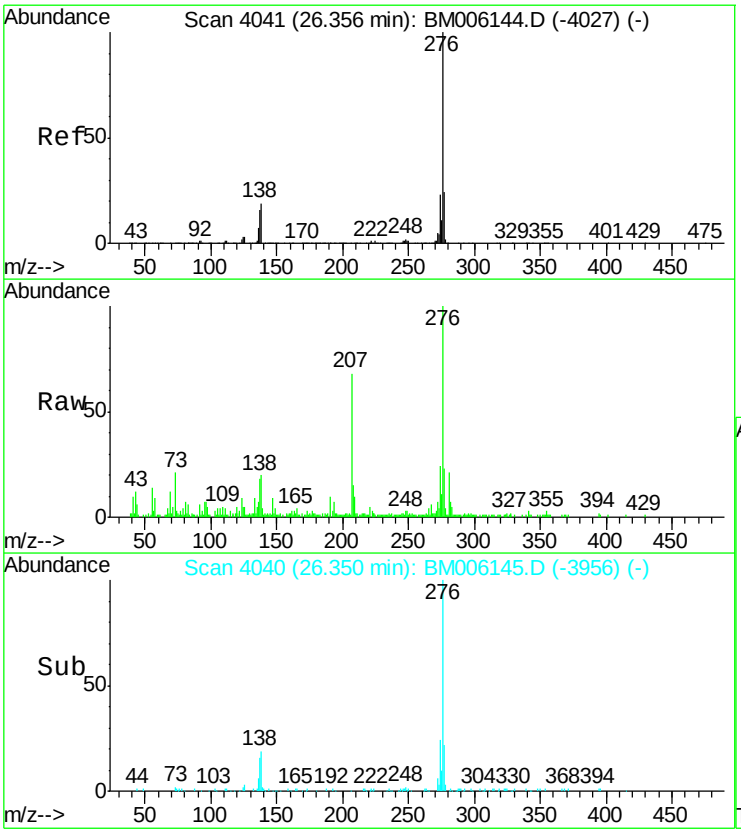

#41
Benzo(g,h,i)perylene
Concen: 3.39 ng/ul
RT: 26.35 min Scan# 4040
Delta R.T. -0.01 min
Lab File: BM006145.D
Acq: 30 Jun 2016 03:03

Tgt Ion:276 Resp: 160471

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.6	25.0
277	23.1	18.9	28.3