Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006513.D
Acq On : 17 Jul 2016 13:00
Operator : UM/SJ
Sample : H3985-22
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ59

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Quant Time: Jul 18 08:56:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 18 07:39:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	158132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	677746	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	376640	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	848513	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	998615	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1038764	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	10613	2.83	ng/uL	0.00
5) Phenol-d5	6.79	99	494153	38.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	313034	39.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	386503	36.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	394568	38.32	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	192462	37.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	213074	36.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	370173	33.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	488747	42.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	1163213	37.73	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1455308	38.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	198173	37.01	ng/ul	0.00
57) Fluorene-d10	15.26	176	1006573	36.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	147625	30.08	ng/ul	0.00
70) Anthracene-d10	17.12	188	1540251	38.40	ng/ul	0.00
76) Pyrene-d10	19.42	212	1726843	38.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1856158	39.07	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.82	94	18292	1.34	ng/ul#	81
44) Dimethylphthalate	13.73	163	493758	15.79	ng/ul	99
69) Phenanthrene	17.06	178	88540	1.90	ng/ul	96
71) Anthracene	17.15	178	53541	1.12	ng/ul	100
74) Fluoranthene	19.08	202	184924	3.41	ng/ul	99
77) Pyrene	19.44	202	178071	2.99	ng/ul	98
80) Benzo(a)anthracene	21.20	228	144929m	2.38	ng/ul	
82) Chrysene	21.25	228	145651	2.54	ng/ul	95
85) Benzo(b)fluoranthene	22.76	252	173003	2.79	ng/ul#	96
88) Benzo(a)pyrene	23.32	252	153338	2.58	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.60	276	86906	1.26	ng/ul	96
91) Benzo(g,h,i)perylene	26.27	276	77327	1.26	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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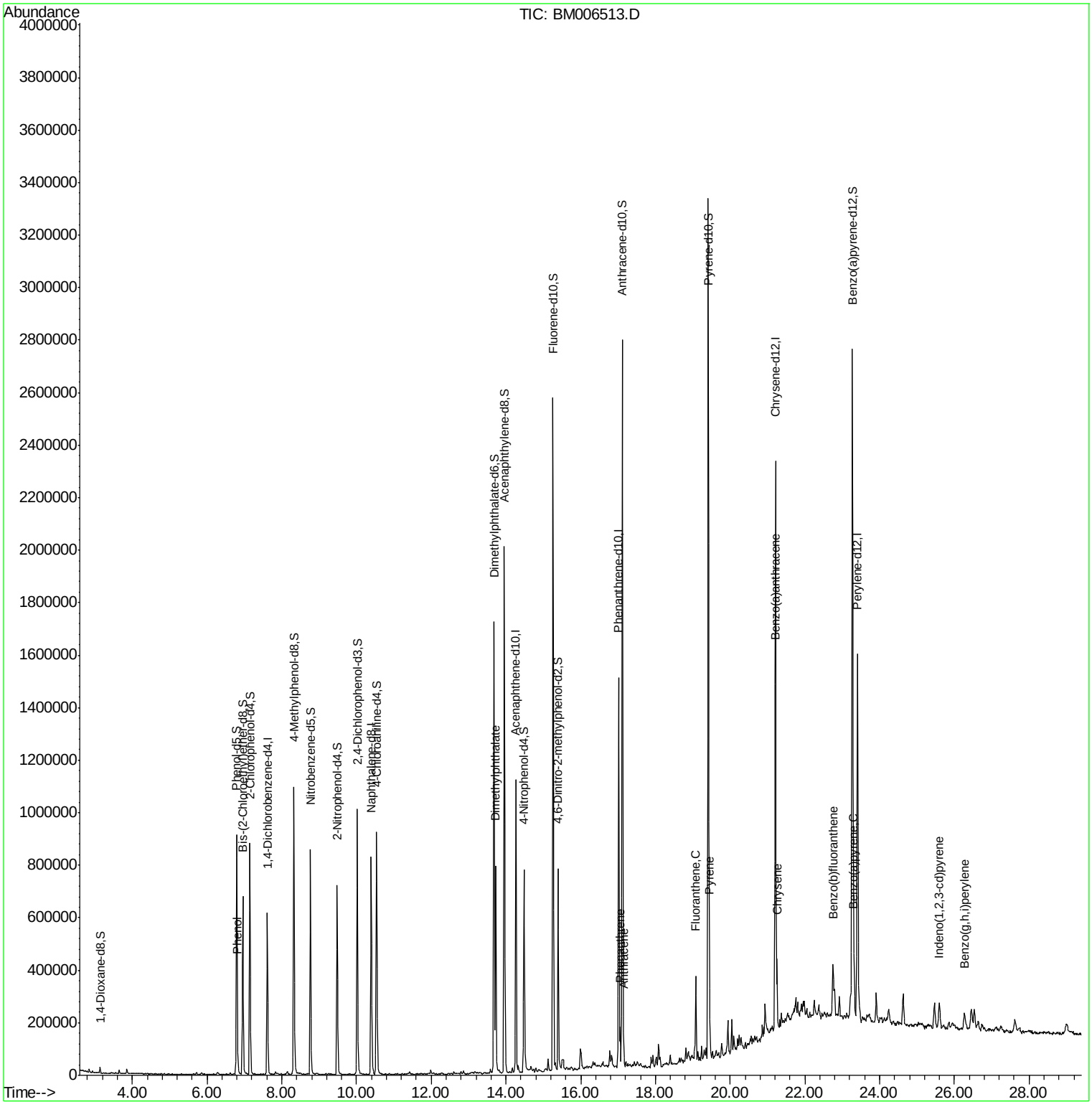
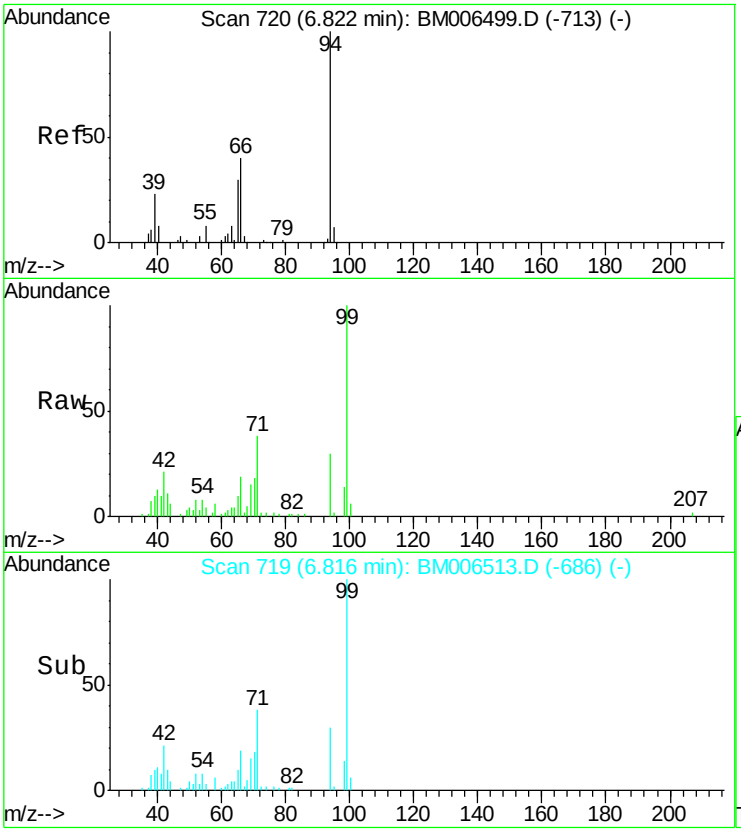
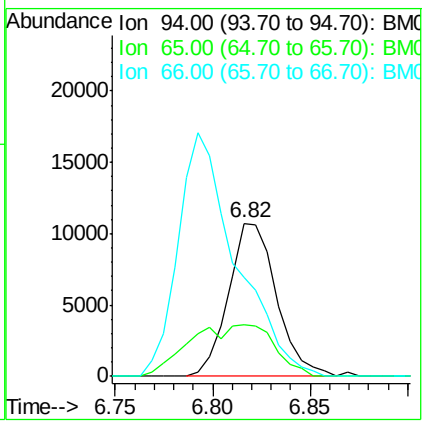




#6
Phenol
Concen: 1.34 ng/ul
RT: 6.82 min Scan# 719
Delta R.T. -0.01 min
Lab File: BM006513.D
Acq: 17 Jul 2016 13:00

Tgt Ion: 94 Resp: 18292

Ion	Ratio	Lower	Upper
94	100		
65	33.3	25.8	38.8
66	64.9	35.7	53.5#



Instrument :
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ClientSampleId :
BDJ59

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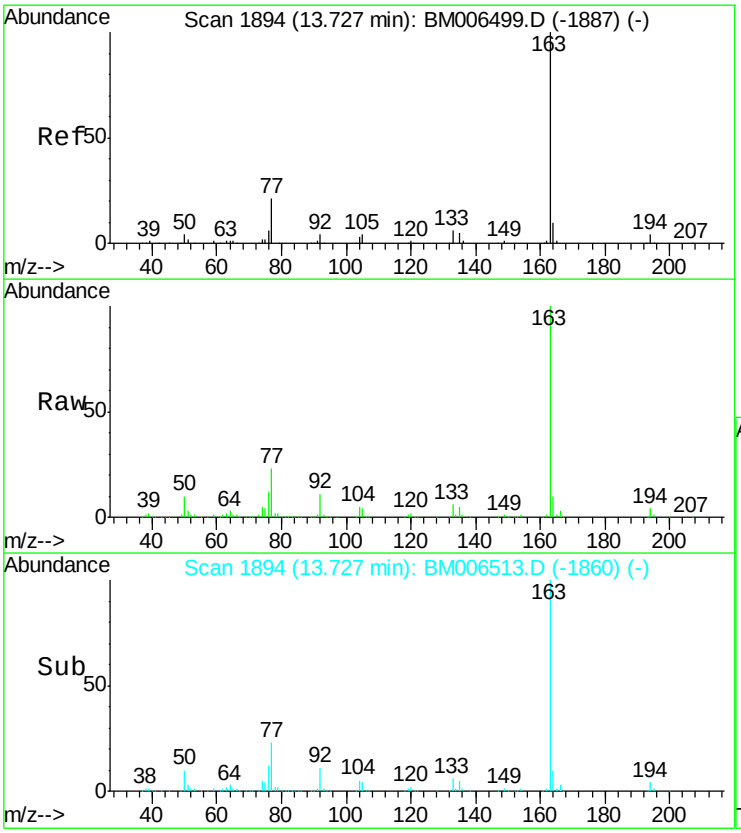
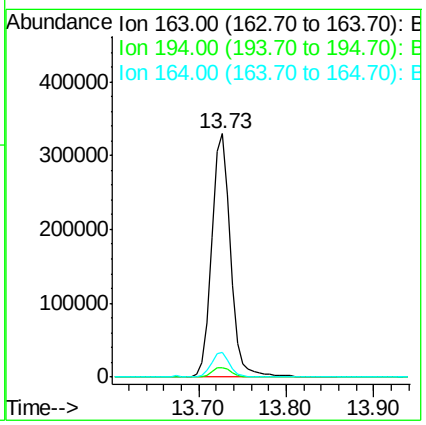
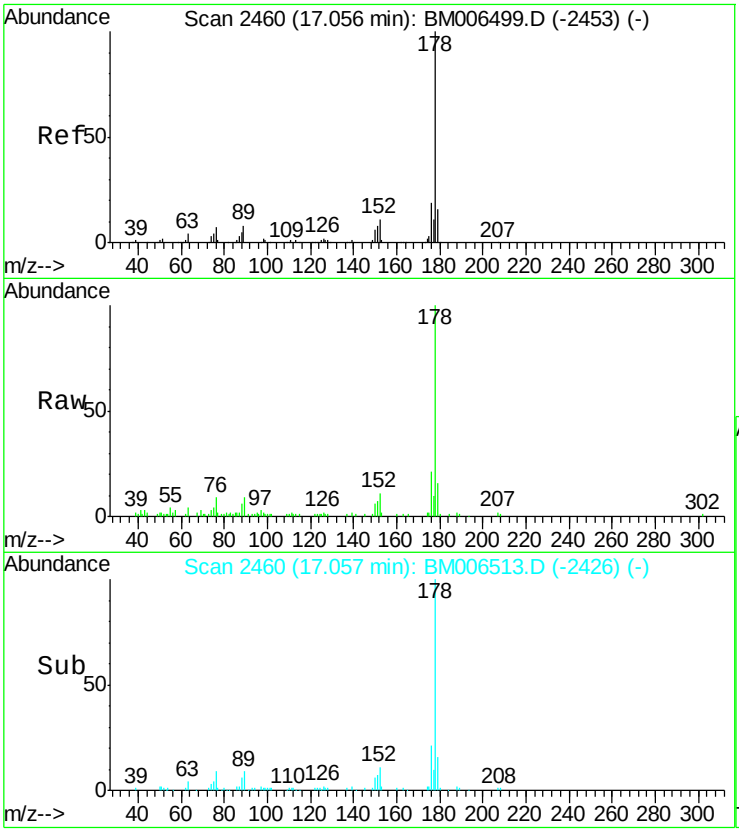


#44
Dimethylphthalate
Concen: 15.79 ng/ul
RT: 13.73 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BM006513.D
Acq: 17 Jul 2016 13:00

Tgt Ion:163 Resp: 493758

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	7.8	11.8

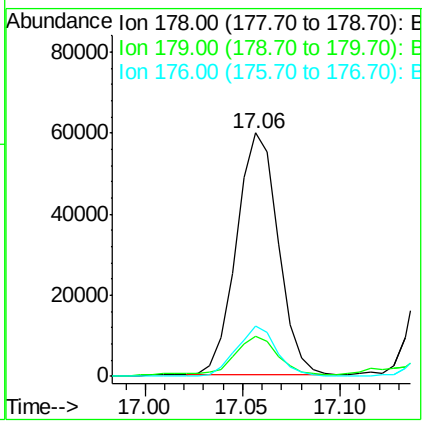




#69
Phenanthrene
Concen: 1.90 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006513.D
Acq: 17 Jul 2016 13:00

Tgt Ion:178 Resp: 88540

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.9	17.9
176	20.9	15.2	22.8



Instrument :
BNA_M
ClientSampleId :
BDJ59

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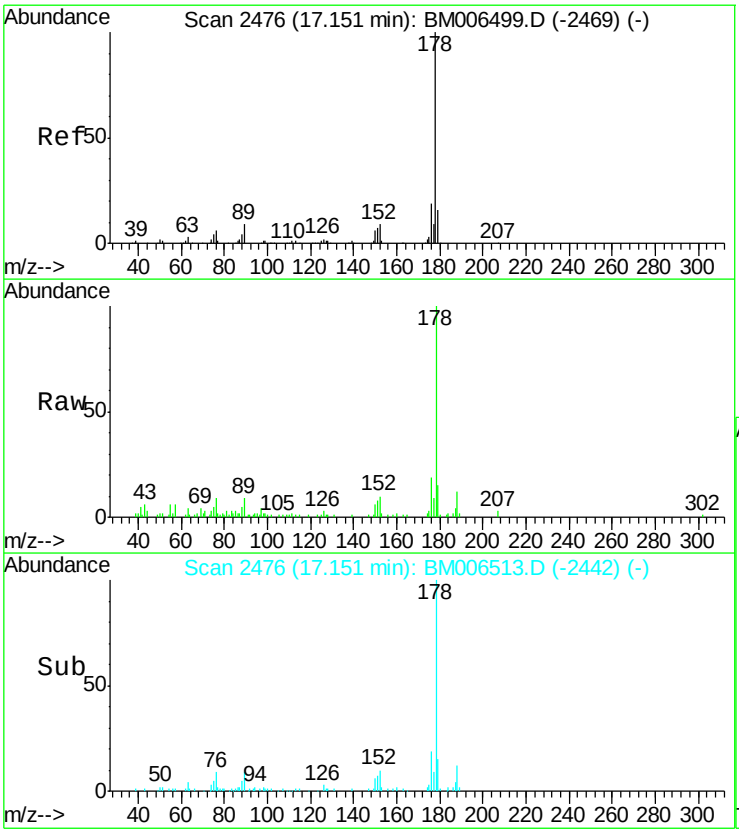
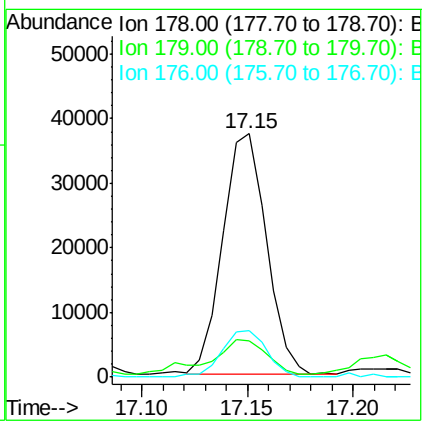
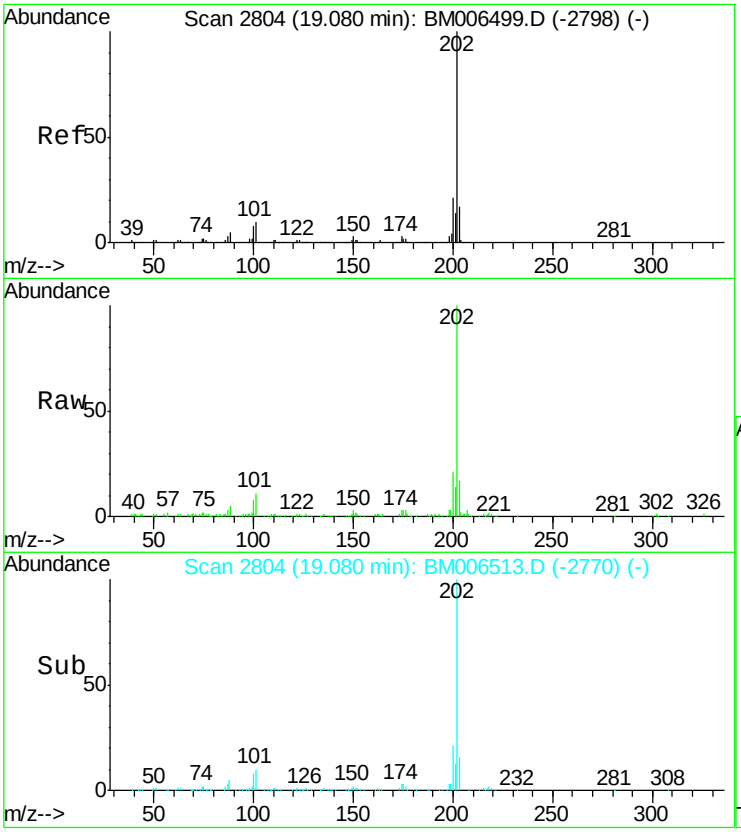


#71
Anthracene
Concen: 1.12 ng/ul
RT: 17.15 min Scan# 2476
Delta R.T. 0.00 min
Lab File: BM006513.D
Acq: 17 Jul 2016 13:00

Tgt Ion:178 Resp: 53541

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.0	18.0
176	18.9	15.0	22.6

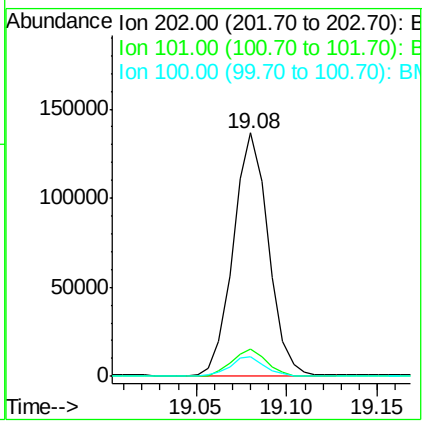




#74
Fluoranthene
Concen: 3.41 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006513.D
Acq: 17 Jul 2016 13:00

Tgt Ion:202 Resp: 184924

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.6	12.8
100	8.2	6.4	9.6



Instrument :
BNA_M
ClientSampleId :
BDJ59

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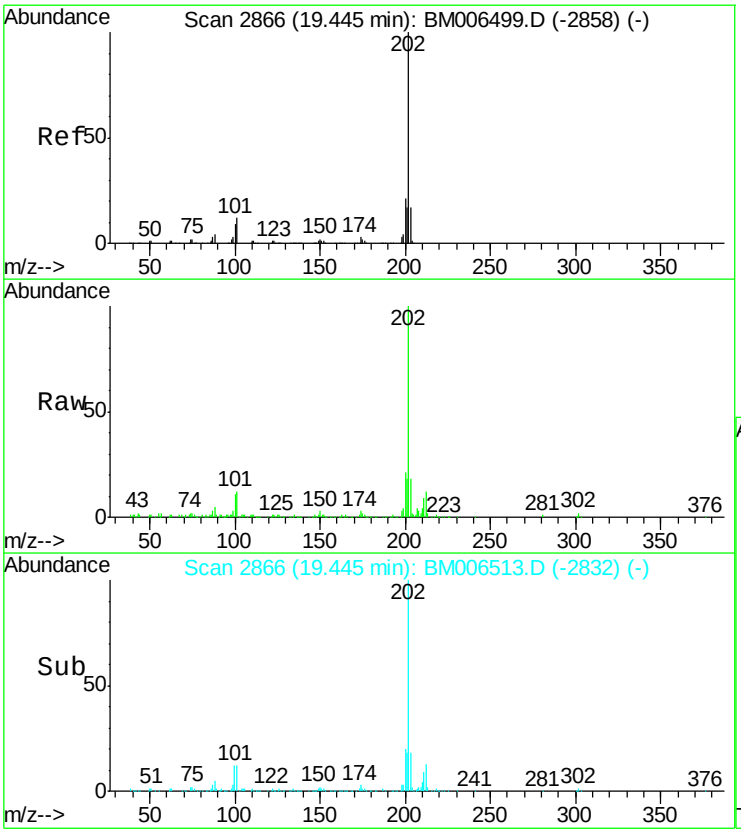
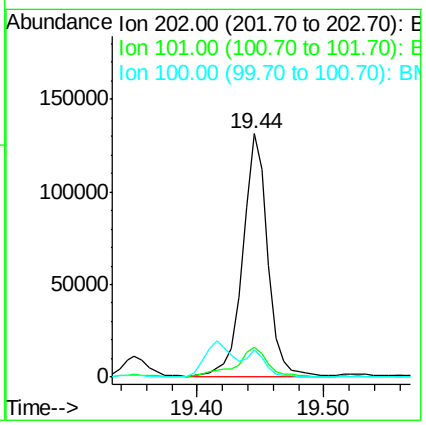
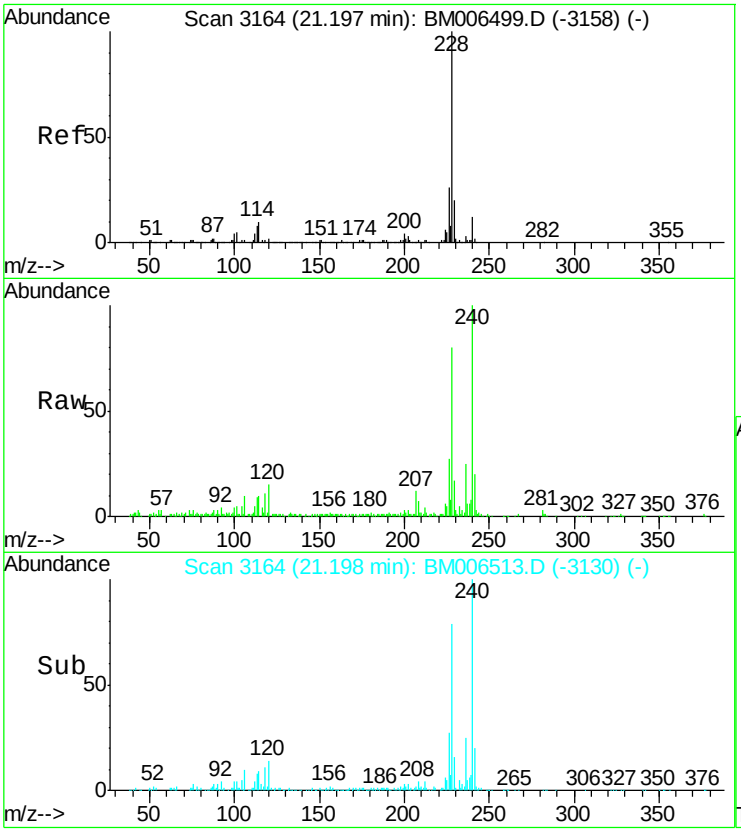


#77
Pyrene
Concen: 2.99 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006513.D
Acq: 17 Jul 2016 13:00

Tgt Ion:202 Resp: 178071

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	11.2	7.9	11.9





#80
Benzo(a)anthracene
Concen: 2.38 ng/ul m
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006513.D
Acq: 17 Jul 2016 13:00

Tgt Ion:228 Resp: 144929

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.6	23.4
226	34.2	21.4	32.2#

Instrument :
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ClientSampleId :
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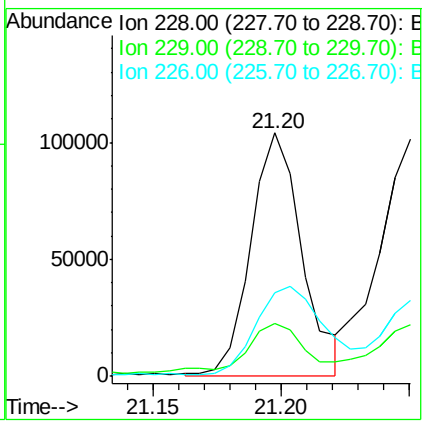
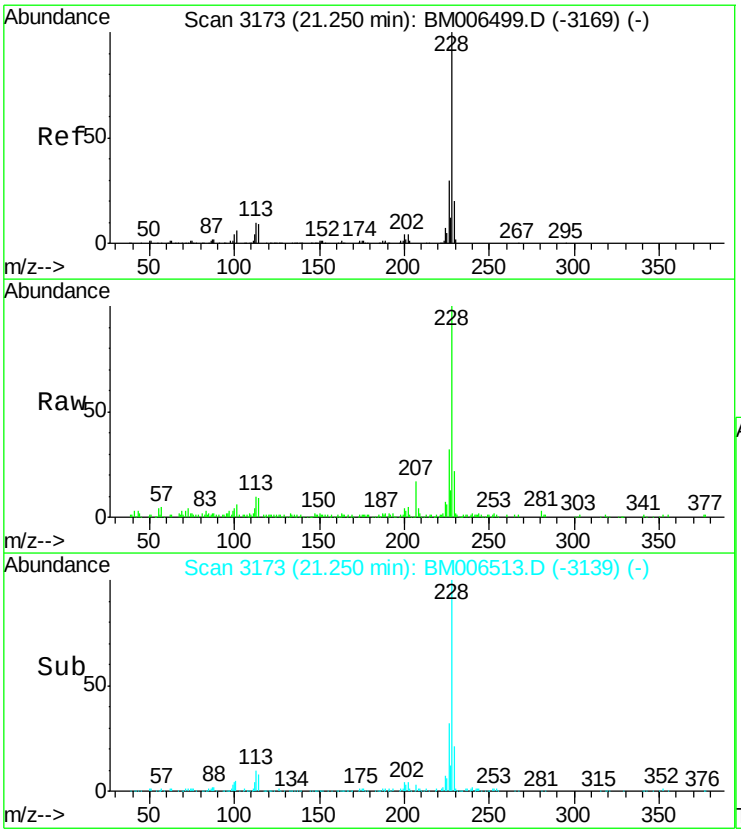
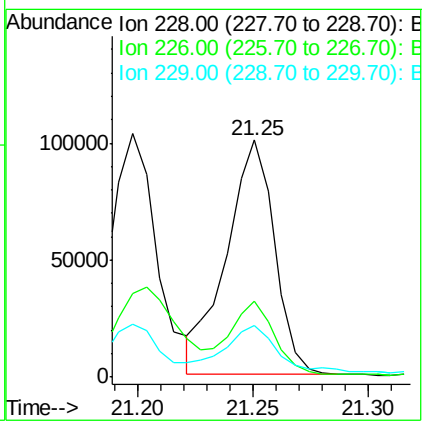


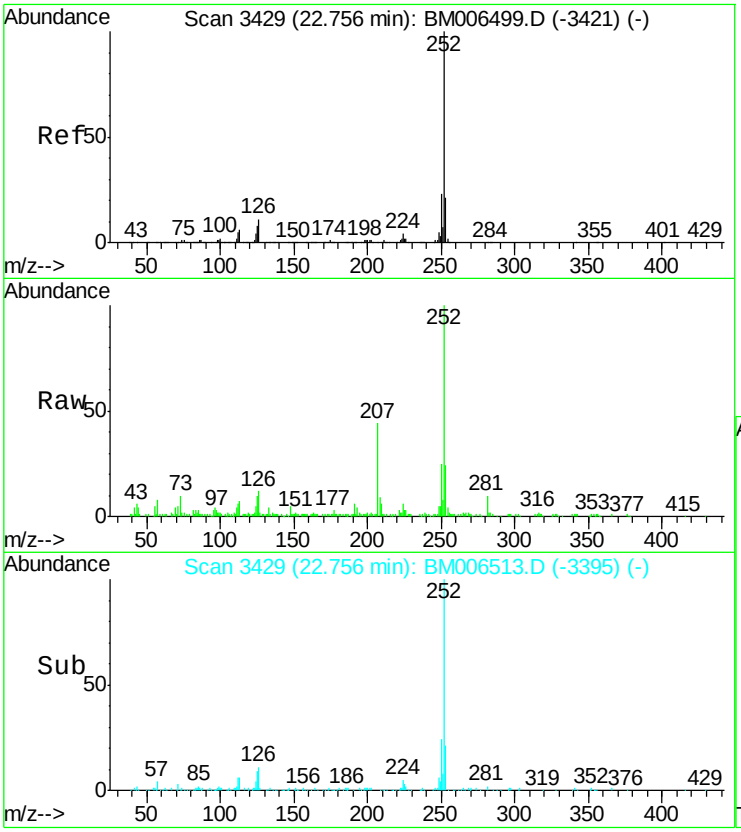


#82
Chrysene
Concen: 2.54 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006513.D
Acq: 17 Jul 2016 13:00

Tgt Ion:228 Resp: 145651

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.3	34.9
229	21.9	15.8	23.8

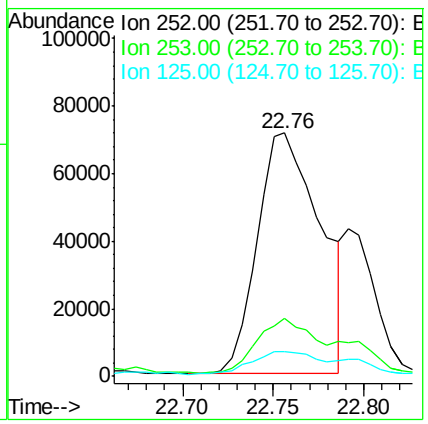




#85
Benzo(b)fluoranthene
Concen: 2.79 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006513.D
Acq: 17 Jul 2016 13:00

Tgt Ion:252 Resp: 173003

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	10.2	6.7	10.1#



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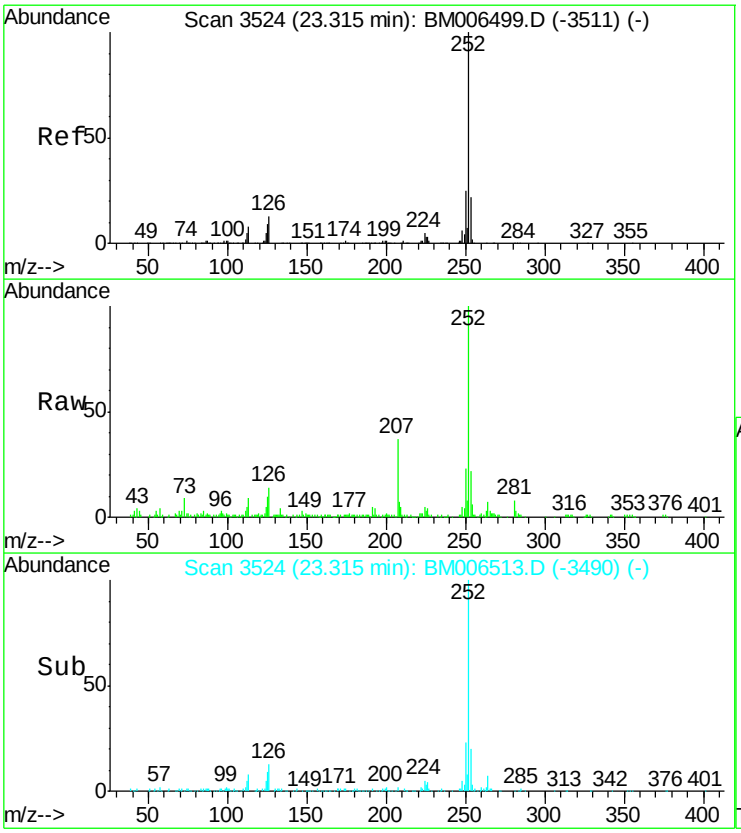
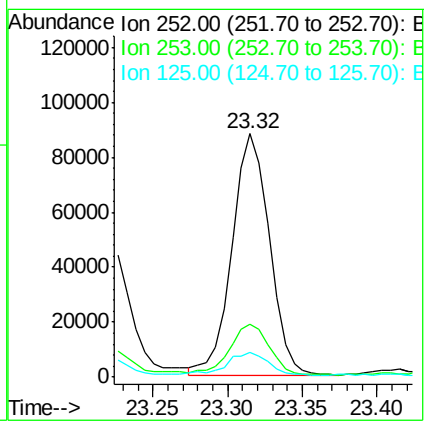
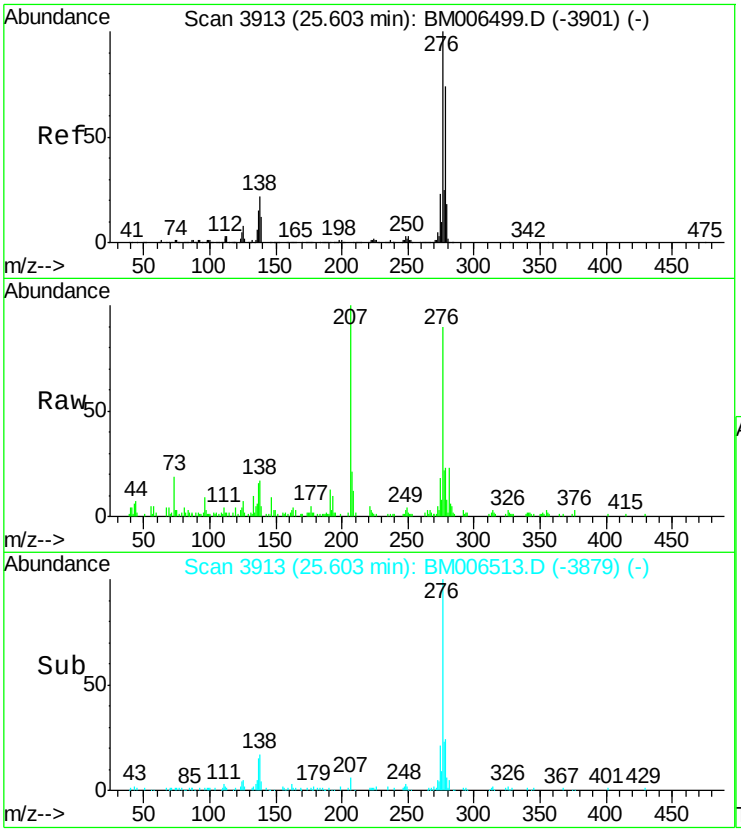


#88
Benzo(a)pyrene
Concen: 2.58 ng/ul
RT: 23.32 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BM006513.D
Acq: 17 Jul 2016 13:00

Tgt Ion:252 Resp: 153338

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.1	7.6	11.4

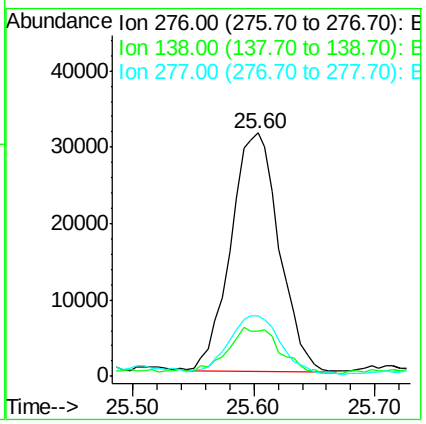




#89
Indeno(1,2,3-cd)pyrene
Concen: 1.26 ng/ul
RT: 25.60 min Scan# 3913
Delta R.T. 0.00 min
Lab File: BM006513.D
Acq: 17 Jul 2016 13:00

Tgt Ion:276 Resp: 86906

Ion	Ratio	Lower	Upper
276	100		
138	18.4	17.8	26.6
277	24.6	20.1	30.1



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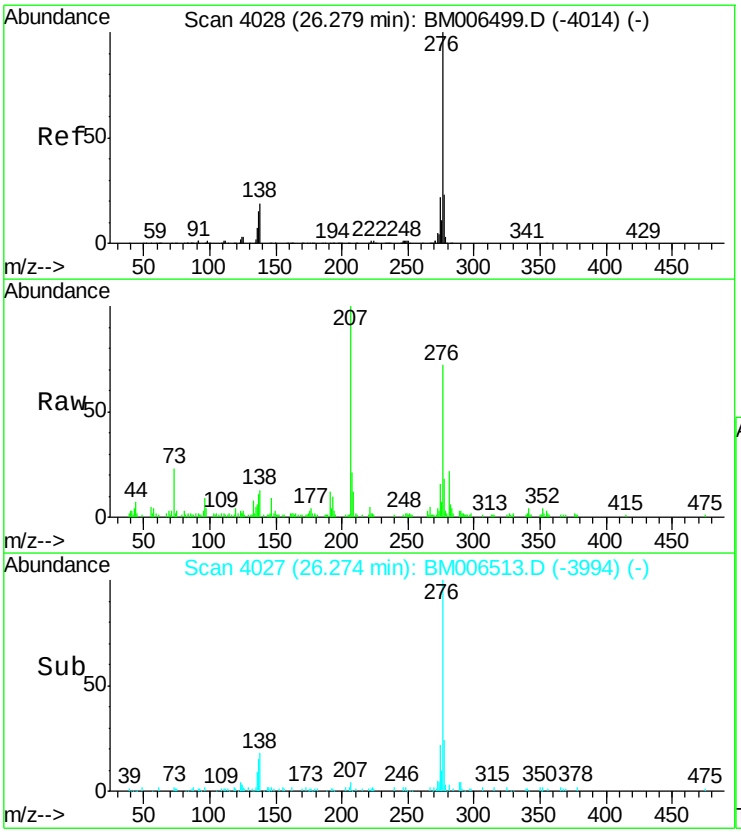

#91
Benzo(g,h,i)perylene
Concen: 1.26 ng/ul
RT: 26.27 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BM006513.D
Acq: 17 Jul 2016 13:00

Tgt Ion:276 Resp: 77327

Ion	Ratio	Lower	Upper
276	100		
138	18.5	15.0	22.4
277	25.1	19.0	28.4