Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010521.D
Acq On : 11 Jun 2017 12:34
Operator : SJ/MA
Sample : I3558-07
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C61

Quant Time: Jun 12 10:05:22 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	137111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	510837	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	371141	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1000107	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1576486	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1628994	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	6425	1.92	ng/uL	0.00
5) Phenol-d5	7.07	99	112533	10.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	67156	11.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	107230	12.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	97853	11.67	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	46311	12.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	57301	13.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	133836	15.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	121004	14.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	463761	15.04	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	487713	13.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	58671	12.72	ng/ul	0.00
57) Fluorene-d10	15.52	176	402327	14.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	79173	11.18	ng/ul	0.00
70) Anthracene-d10	17.37	188	703740	14.46	ng/ul	0.00
76) Pyrene-d10	19.66	212	940457	14.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1109883	14.63	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.75	128	35281	1.377	ng/ul#	93
44) Dimethylphthalate	13.99	163	222283	7.330	ng/ul	99
69) Phenanthrene	17.32	178	80524	1.508	ng/ul	96
74) Fluoranthene	19.33	202	133564	2.034	ng/ul#	98
77) Pyrene	19.69	202	114191	1.406	ng/ul#	93
85) Benzo(b)fluoranthene	23.07	252	354373	3.739	ng/ul	97
88) Benzo(a)pyrene	23.67	252	171706	1.828	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.14	276	210777	1.776	ng/ul#	94
91) Benzo(g,h,i)perylene	26.89	276	184593	1.888	ng/ul#	96

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

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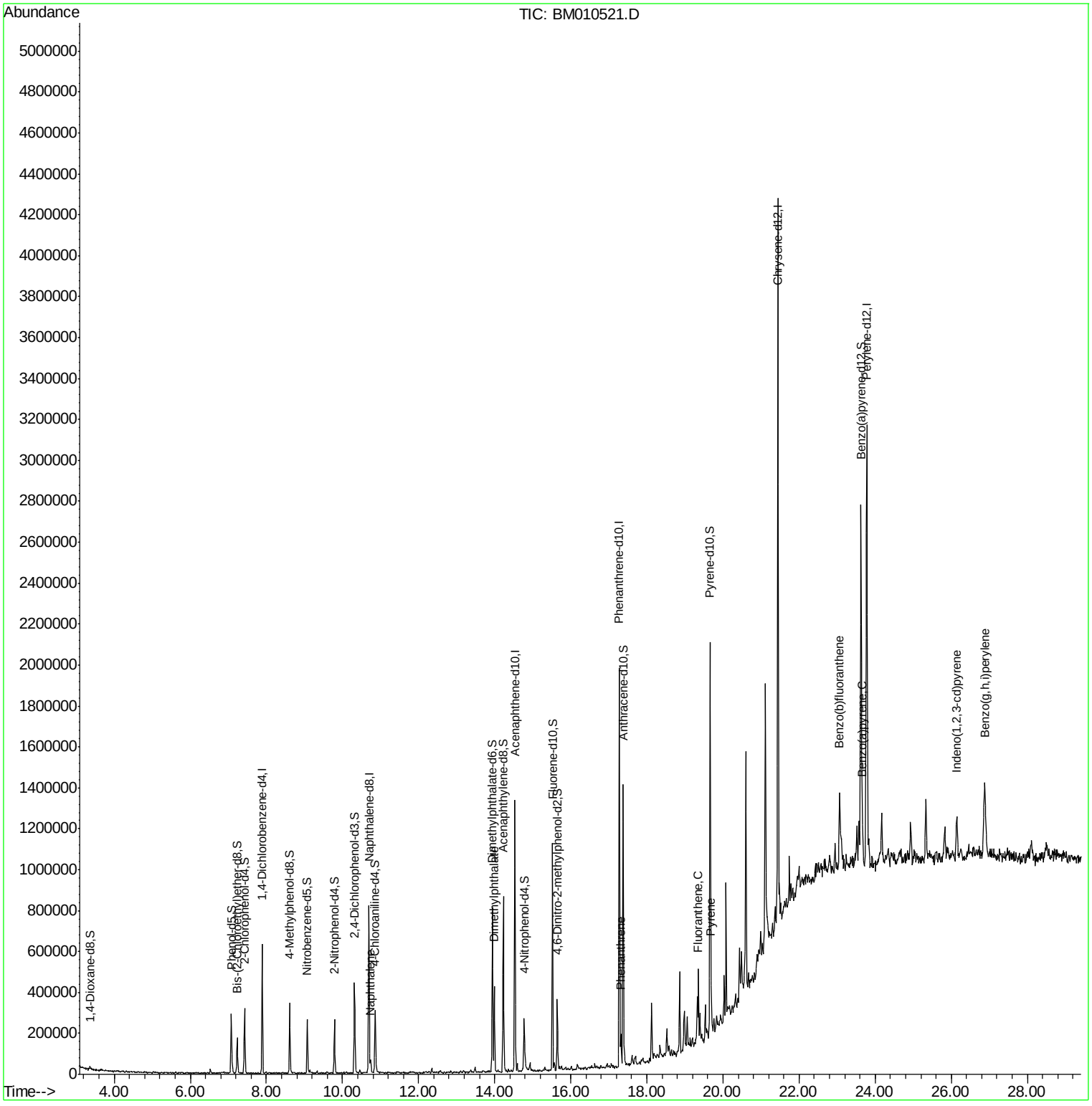
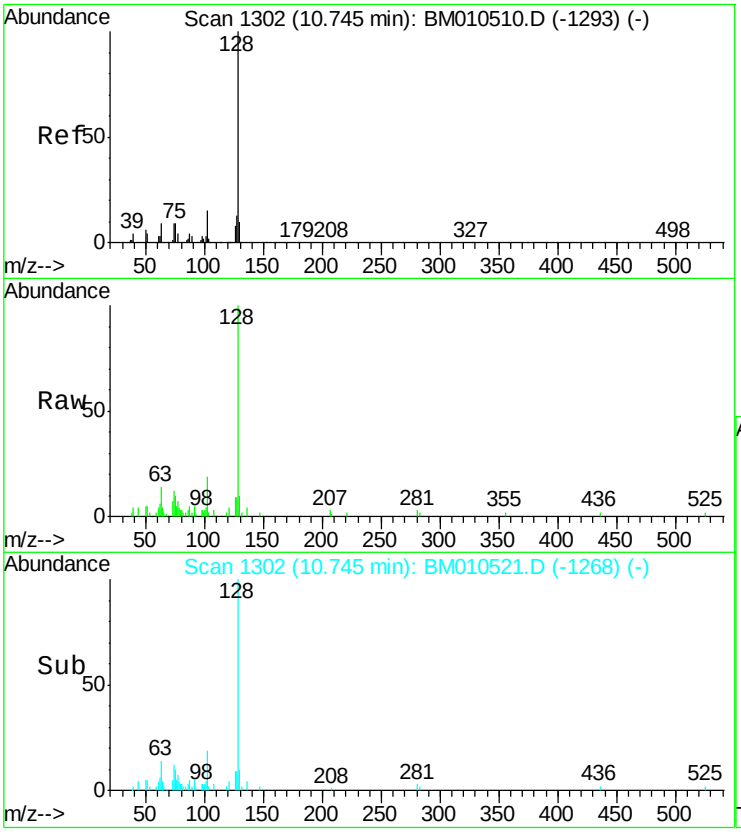


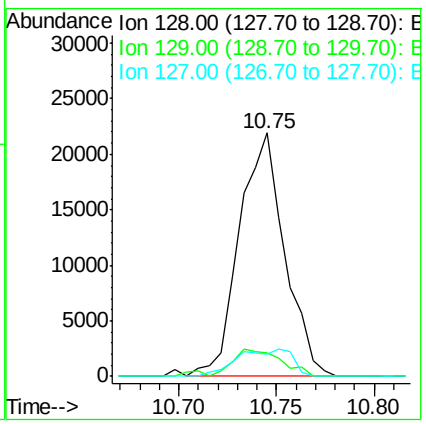


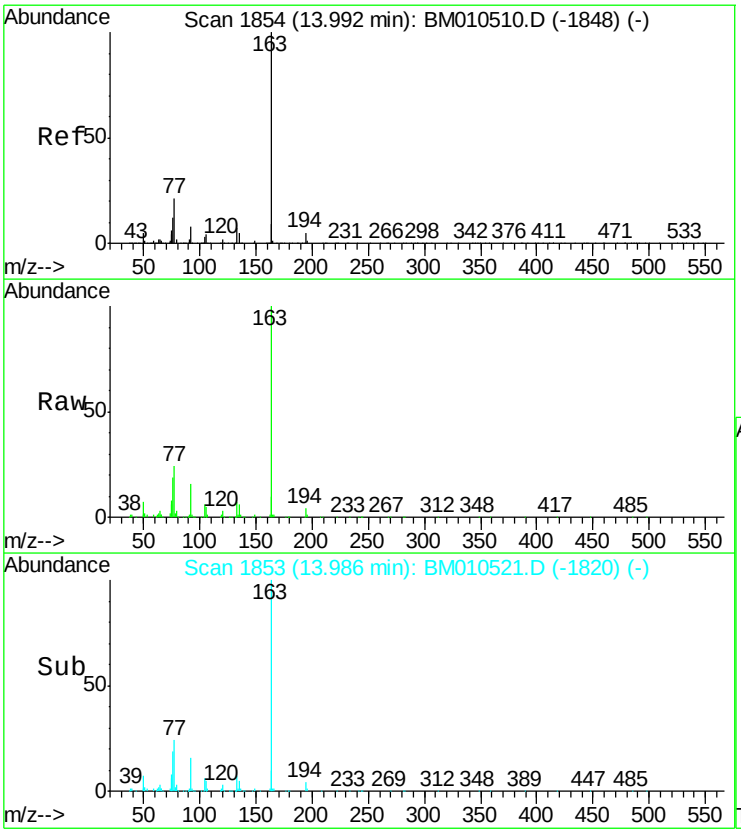
#28
Naphthalene
Concen: 1.377 ng/ul
RT: 10.75 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BM010521.D
Acq: 11 Jun 2017 12:34

Instrument :
BNA_M
ClientSampleId :
F5C61

Tgt Ion:128 Resp: 35281

Ion	Ratio	Lower	Upper
128	100		
129	9.7	8.8	13.2
127	9.2	10.6	16.0#

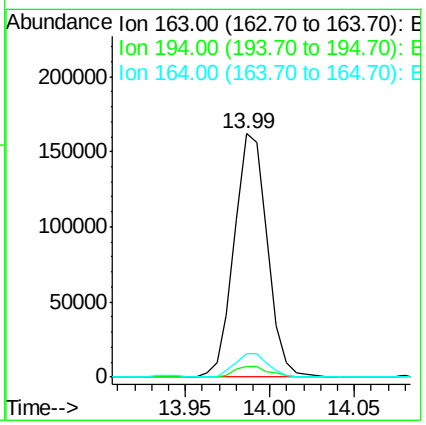


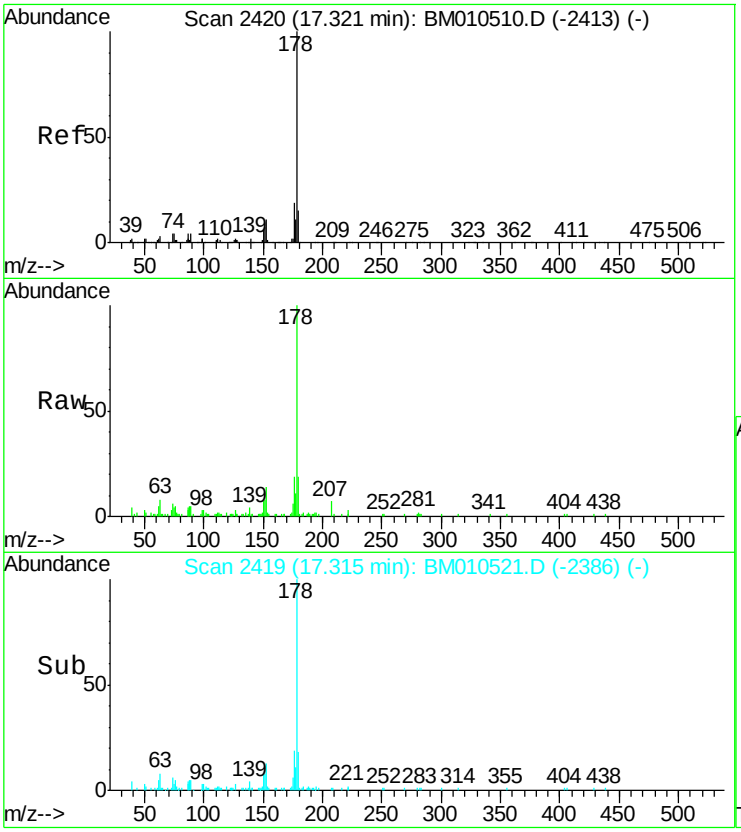


#44
Dimethylphthalate
Concen: 7.330 ng/ul
RT: 13.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM010521.D
Acq: 11 Jun 2017 12:34

Tgt Ion:163 Resp: 222283

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.7	8.2	12.4



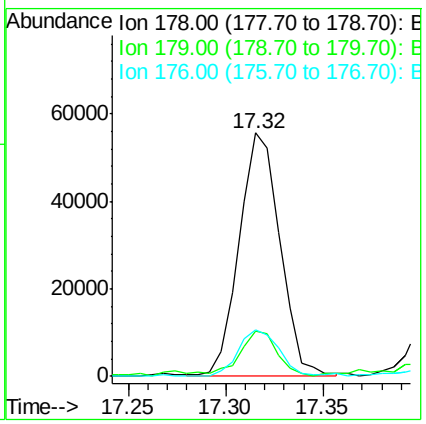


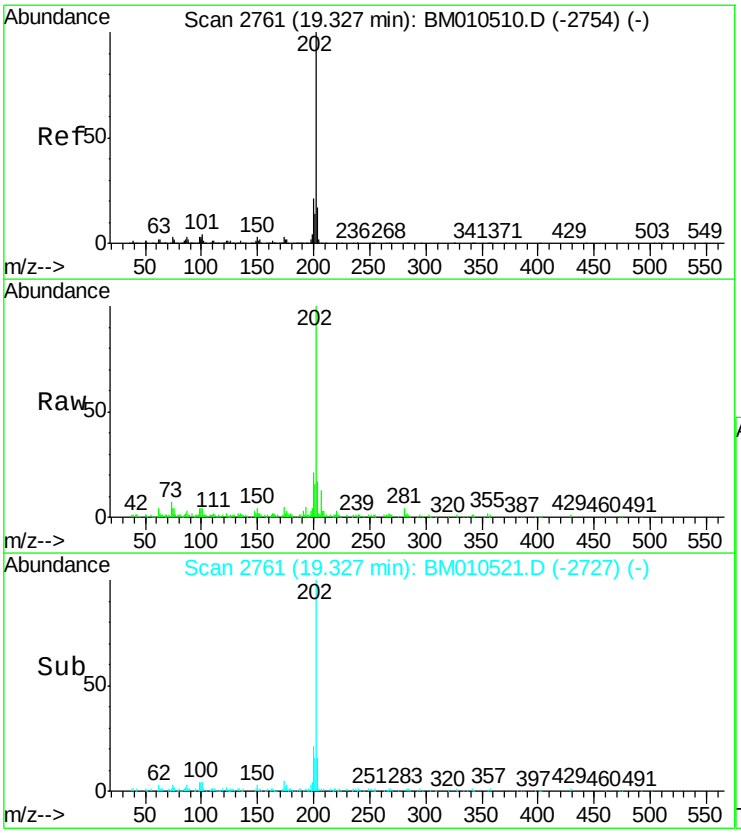
#69
Phenanthrene
Concen: 1.508 ng/ul
RT: 17.32 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM010521.D
Acq: 11 Jun 2017 12:34

Instrument :
BNA_M
ClientSampleId :
F5C61

Tgt Ion:178 Resp: 80524

Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.6	19.0
176	18.9	14.9	22.3

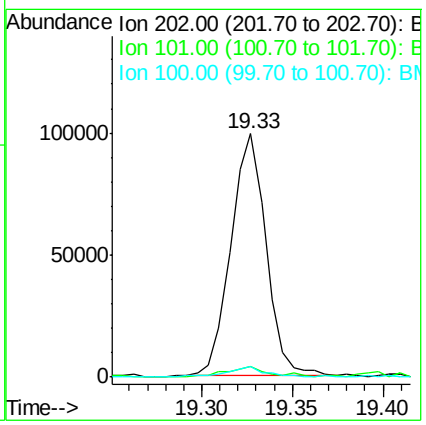


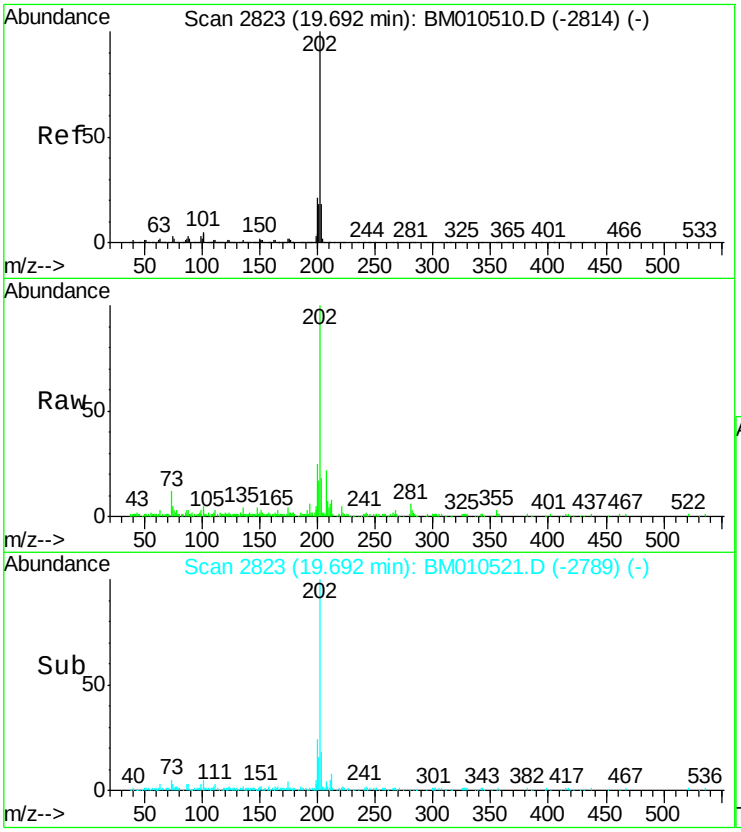


#74
Fluoranthene
Concen: 2.034 ng/ul
RT: 19.33 min Scan# 2761
Delta R.T. 0.00 min
Lab File: BM010521.D
Acq: 11 Jun 2017 12:34

Tgt Ion:202 Resp: 133564

Ion	Ratio	Lower	Upper
202	100		
101	4.5	4.6	7.0#
100	4.3	3.4	5.2



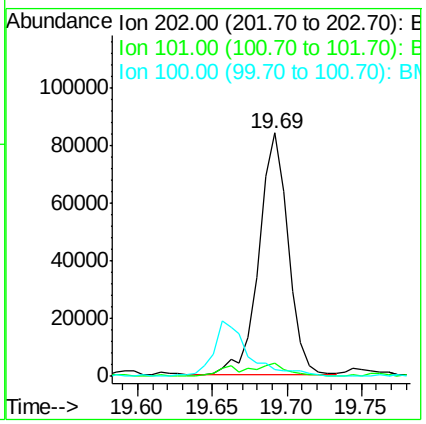


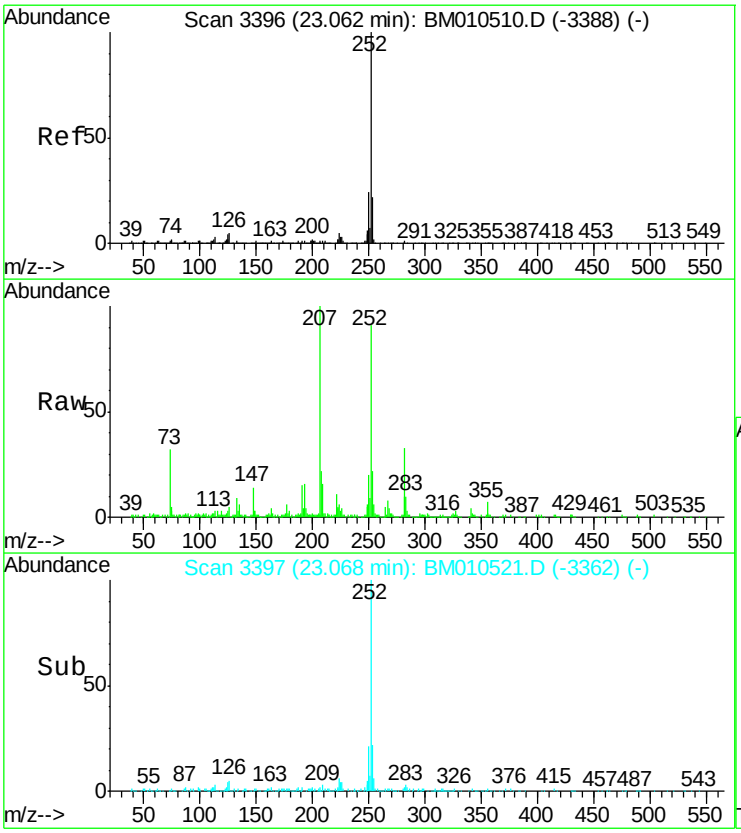
#77
Pyrene
Concen: 1.406 ng/ul
RT: 19.69 min Scan# 2823
Delta R.T. 0.00 min
Lab File: BM010521.D
Acq: 11 Jun 2017 12:34

Instrument :
BNA_M
ClientSampleId :
F5C61

Tgt Ion:202 Resp: 114191

Ion	Ratio	Lower	Upper
202	100		
101	5.2	5.1	7.7
100	2.8	4.9	7.3#

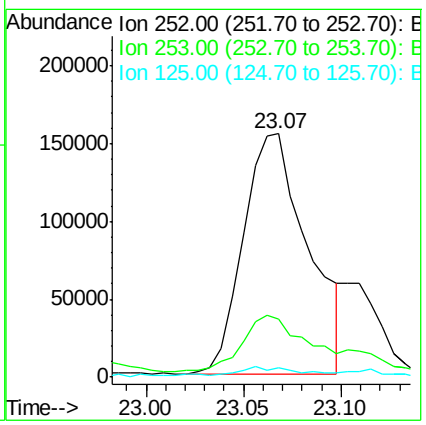


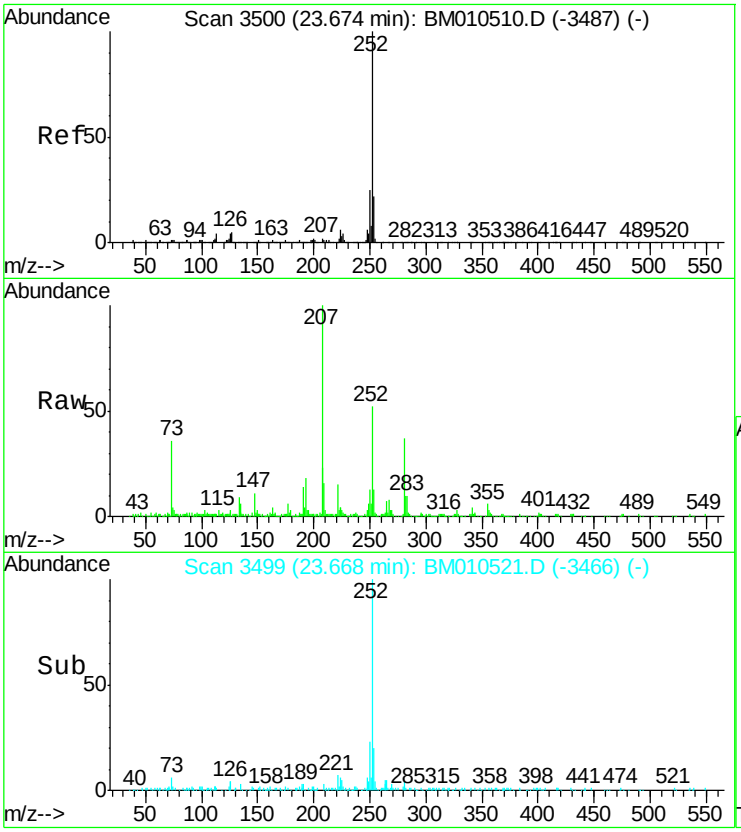


#85
Benzo(b)fluoranthene
Concen: 3.739 ng/ul
RT: 23.07 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BM010521.D
Acq: 11 Jun 2017 12:34

Tgt Ion:252 Resp: 354373

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	3.8	3.6	5.4



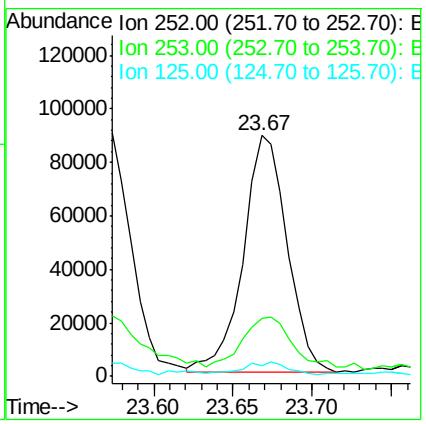


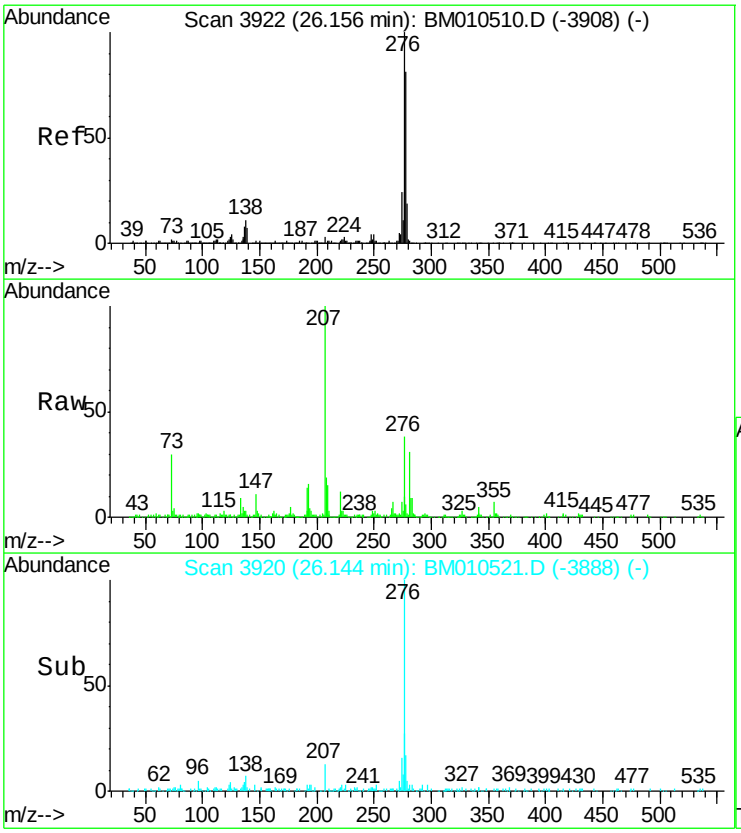
#88
Benzo(a)pyrene
Concen: 1.828 ng/ul
RT: 23.67 min Scan# 3499
Delta R.T. -0.01 min
Lab File: BM010521.D
Acq: 11 Jun 2017 12:34

Instrument :
BNA_M
ClientSampleId :
F5C61

Tgt Ion:252 Resp: 171706

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	4.2	4.0	6.0

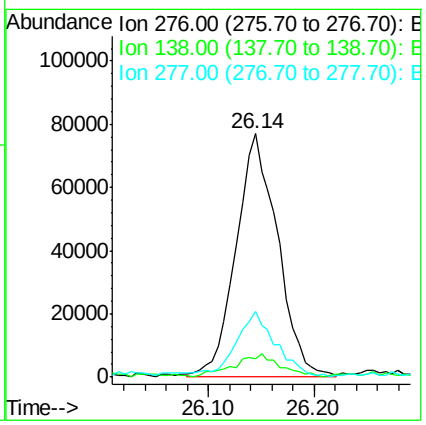


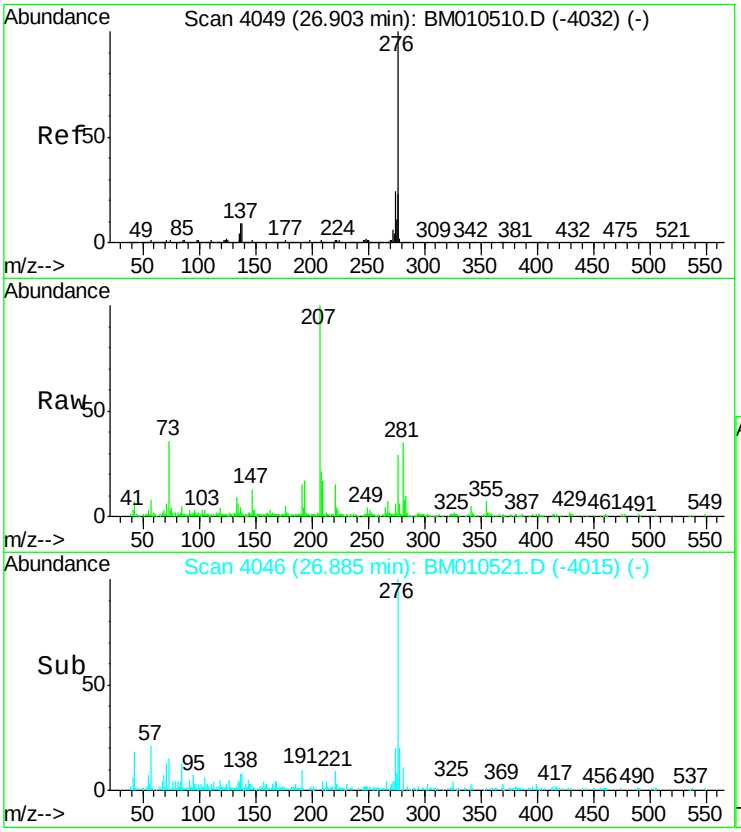


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.776 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BM010521.D
Acq: 11 Jun 2017 12:34

Tgt Ion:276 Resp: 210777

Ion	Ratio	Lower	Upper
276	100		
138	7.3	9.3	13.9#
277	26.9	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 1.888 ng/ul
RT: 26.89 min Scan# 4046
Delta R.T. -0.02 min
Lab File: BM010521.D
Acq: 11 Jun 2017 12:34

Instrument :
BNA_M
ClientSampleId :
F5C61

Tgt Ion:276 Resp: 184593

Ion	Ratio	Lower	Upper
276	100		
138	8.5	8.5	12.7#
277	21.5	18.6	28.0