Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
Data File : BM002019.D
Acq On : 23 Jul 2015 16:46
Operator : TP/UM
Sample : G3000-12RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B8RE

Quant Time: Jul 24 01:32:50 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:29:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	78102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	304519	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	171731	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	366303	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	413127	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	424776	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	1330	0.83	ng/uL	0.00
5) Phenol-d5	6.79	99	29845	4.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	17435	5.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	26331	5.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	14539	2.78	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	12246	5.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	12960	5.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	24563	4.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	19397	3.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	72973	5.27	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	80663	4.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	8353	3.56	ng/ul	0.00
57) Fluorene-d10	15.27	176	60813	5.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	1074	0.45	ng/ul	0.00
70) Anthracene-d10	17.13	188	89940	5.23	ng/ul	0.00
78) Pyrene-d10	19.43	212	95487	5.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	87693	4.08	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.73	163	59052	4.19	ng/ul	99
69) Phenanthrene	17.07	178	24148	1.22	ng/ul	100
76) Fluoranthene	19.09	202	120845	5.21	ng/ul	99
79) Pyrene	19.46	202	104565	4.23	ng/ul	98
82) Benzo(a)anthracene	21.22	228	37439	1.52	ng/ul#	89
83) Bis(2-ethylhexyl)phthalate	21.14	149	16679	1.21	ng/ul#	96
84) Chrysene	21.26	228	51750	2.25	ng/ul#	94
87) Benzo(b)fluoranthene	22.78	252	67438	2.59	ng/ul#	79
90) Benzo(a)pyrene	23.34	252	31684	1.30	ng/ul#	81

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

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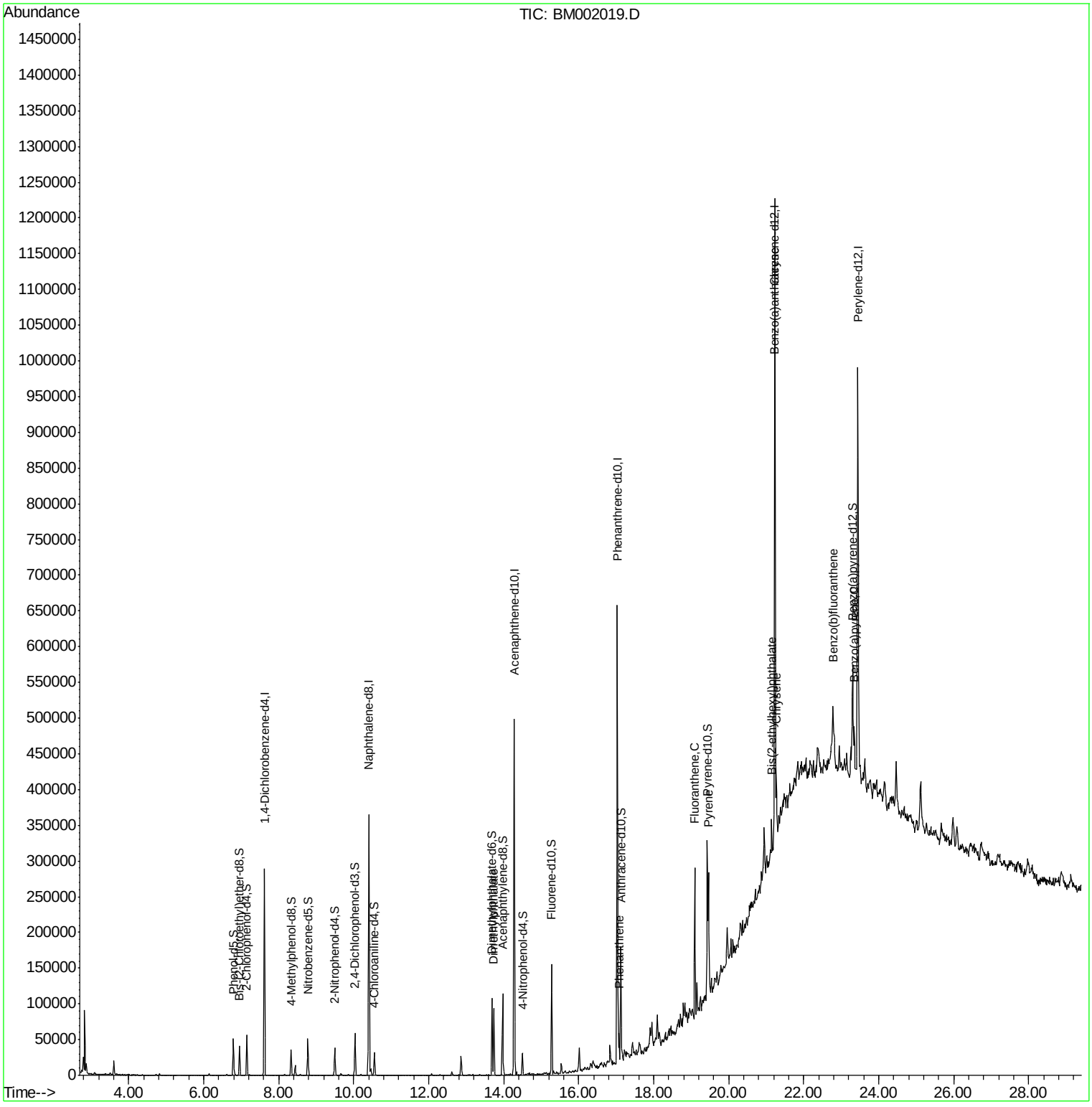
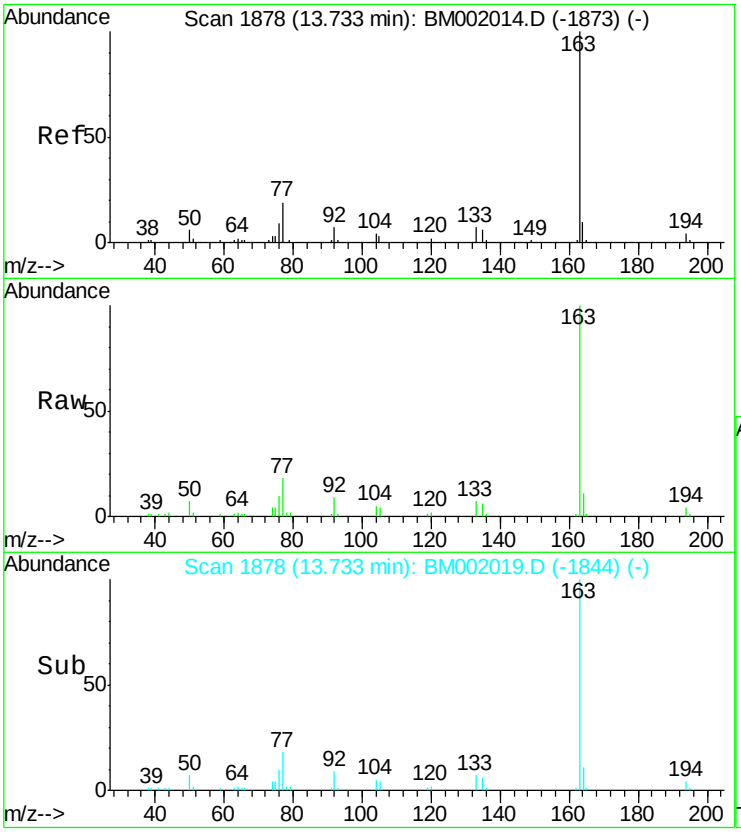


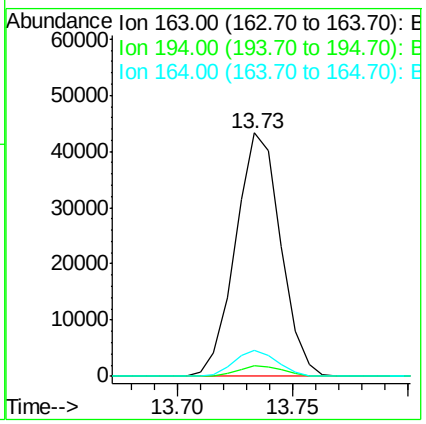


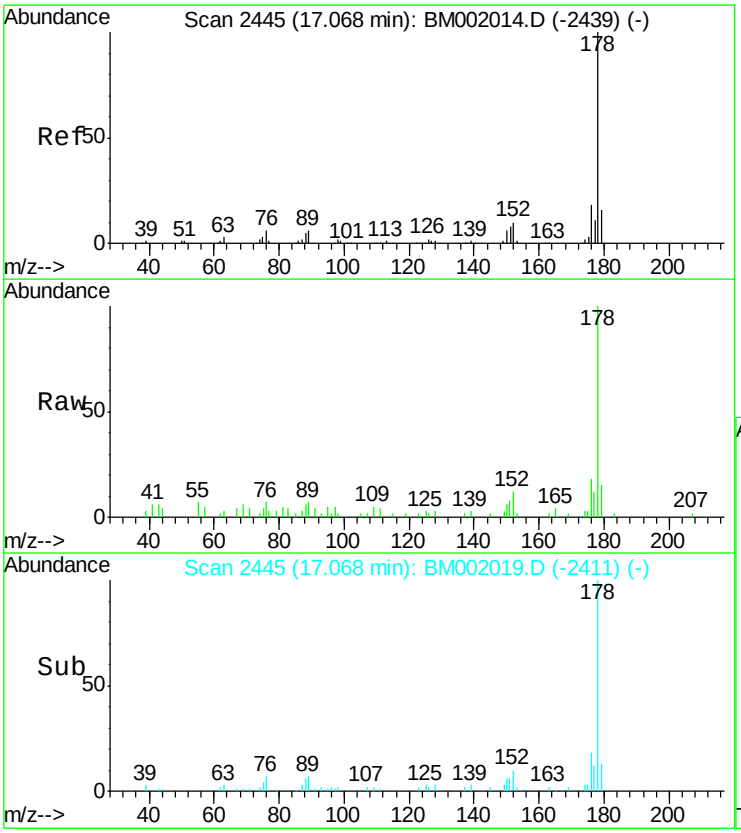
#44
Dimethylphthalate
Concen: 4.19 ng/ul
RT: 13.73 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM002019.D
Acq: 23 Jul 2015 16:46

Instrument :
BNA_M
ClientSampleId :
C02B8RE

Tgt Ion:163 Resp: 59052

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.8	8.2	12.4

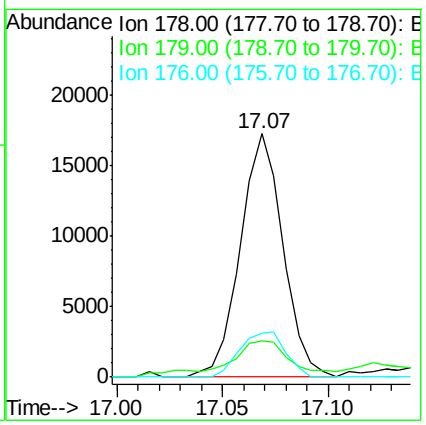


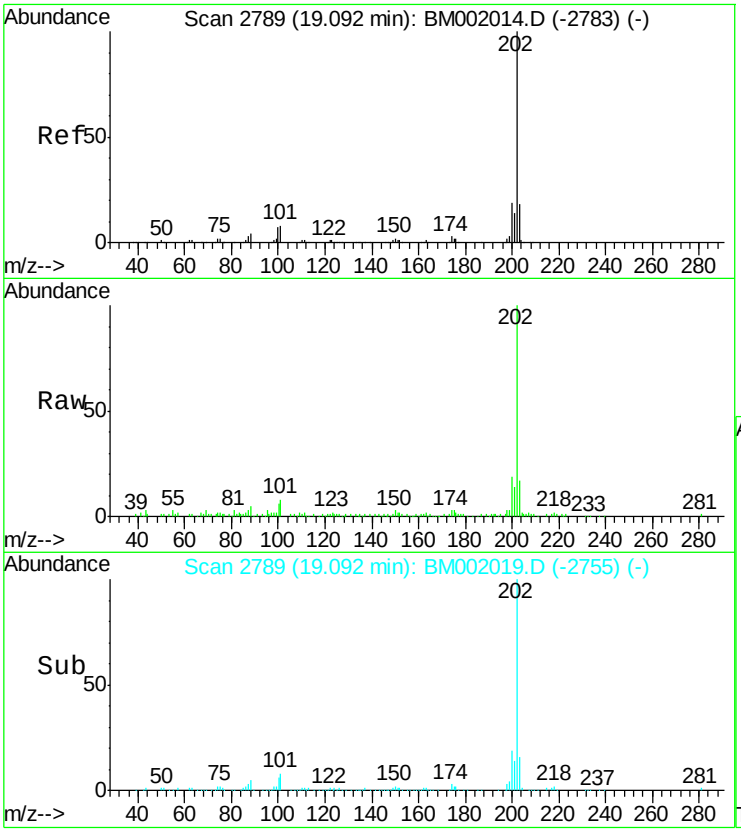


#69
Phenanthrene
Concen: 1.22 ng/ul
RT: 17.07 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BM002019.D
Acq: 23 Jul 2015 16:46

Tgt Ion:178 Resp: 24148

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.1	18.1
176	18.2	14.6	21.8



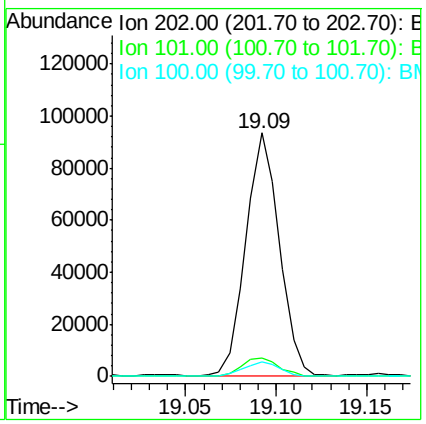


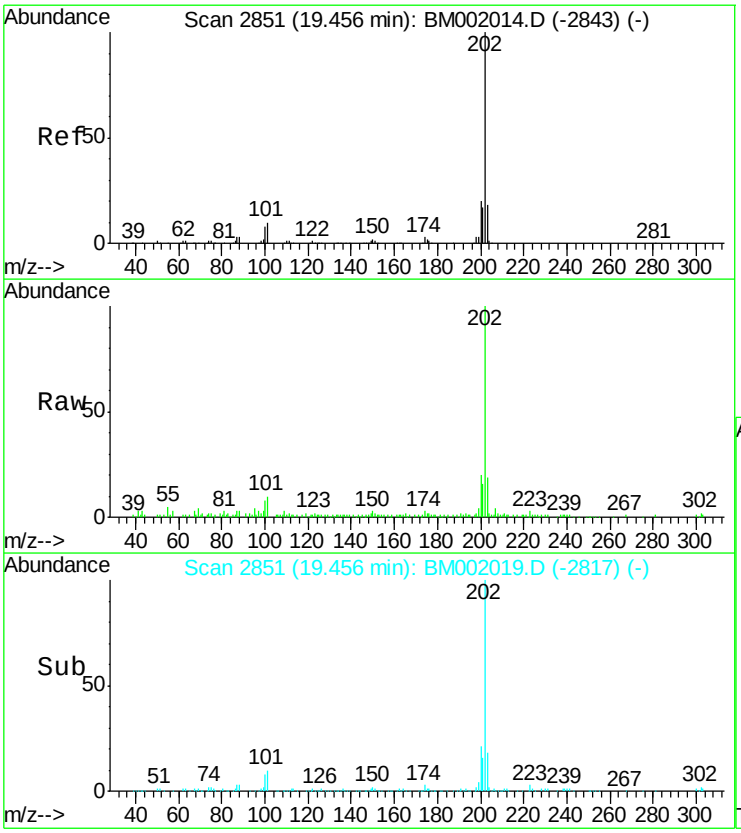
#76
Fluoranthene
Concen: 5.21 ng/ul
RT: 19.09 min Scan# 2789
Delta R.T. 0.00 min
Lab File: BM002019.D
Acq: 23 Jul 2015 16:46

Instrument :
BNA_M
ClientSampleId :
C02B8RE

Tgt Ion:202 Resp: 120845

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.3	9.5
100	6.0	5.0	7.4

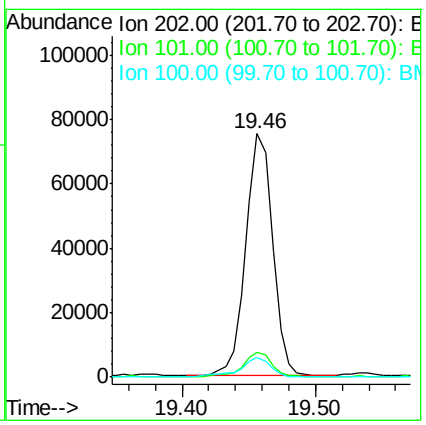


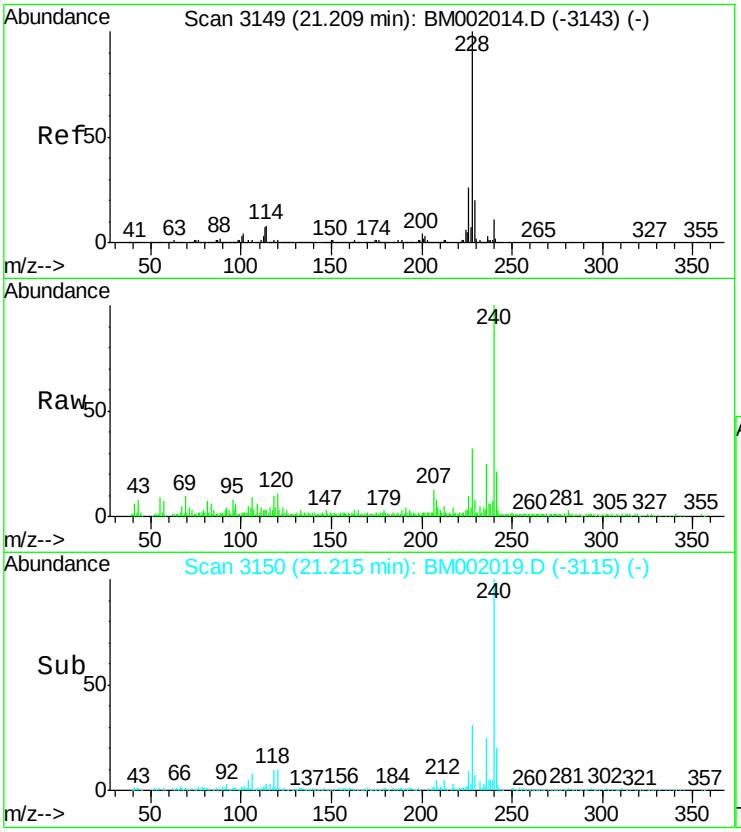


#79
Pyrene
Concen: 4.23 ng/ul
RT: 19.46 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BM002019.D
Acq: 23 Jul 2015 16:46

Tgt Ion:202 Resp: 104565

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.3	10.9
100	8.2	6.2	9.4



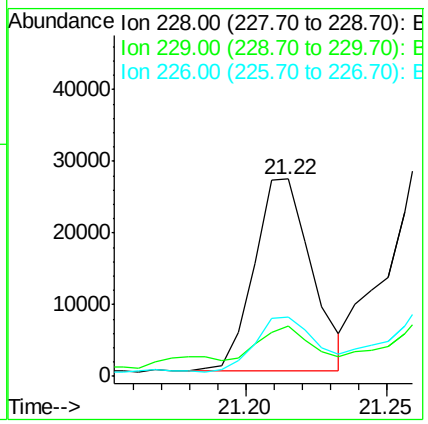


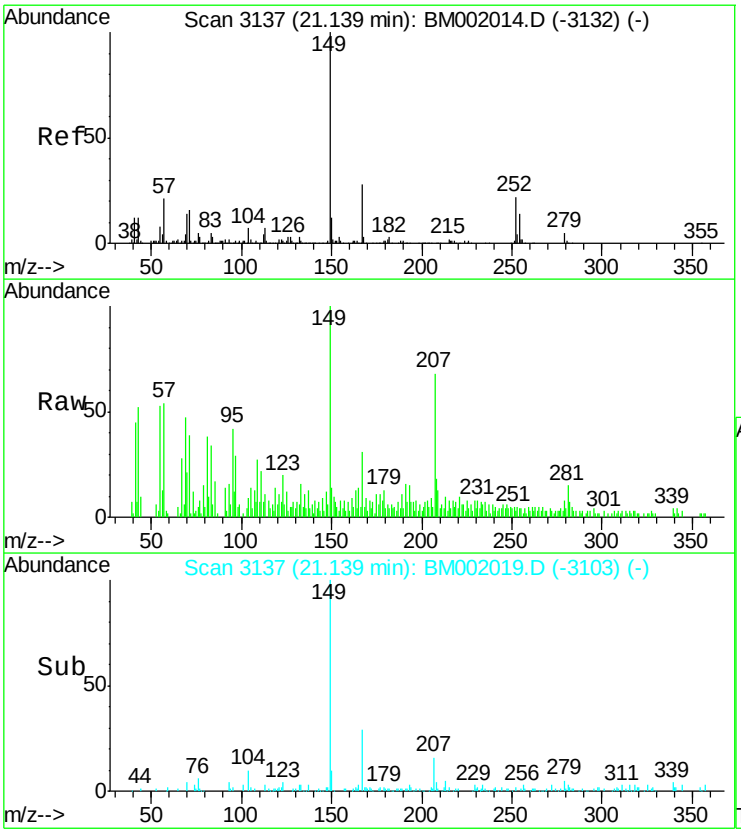
#82
Benzo(a)anthracene
Concen: 1.52 ng/ul
RT: 21.22 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BM002019.D
Acq: 23 Jul 2015 16:46

Instrument :
BNA_M
ClientSampleId :
C02B8RE

Tgt Ion:228 Resp: 37439

Ion	Ratio	Lower	Upper
228	100		
229	25.5	15.4	23.2#
226	30.3	20.7	31.1

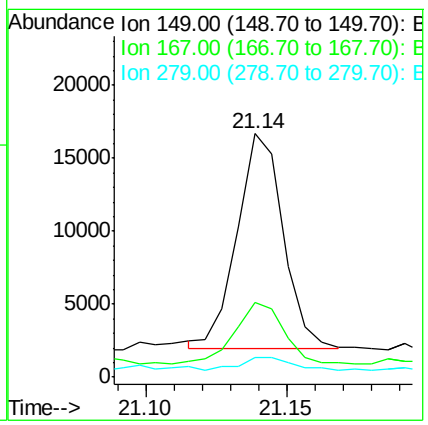


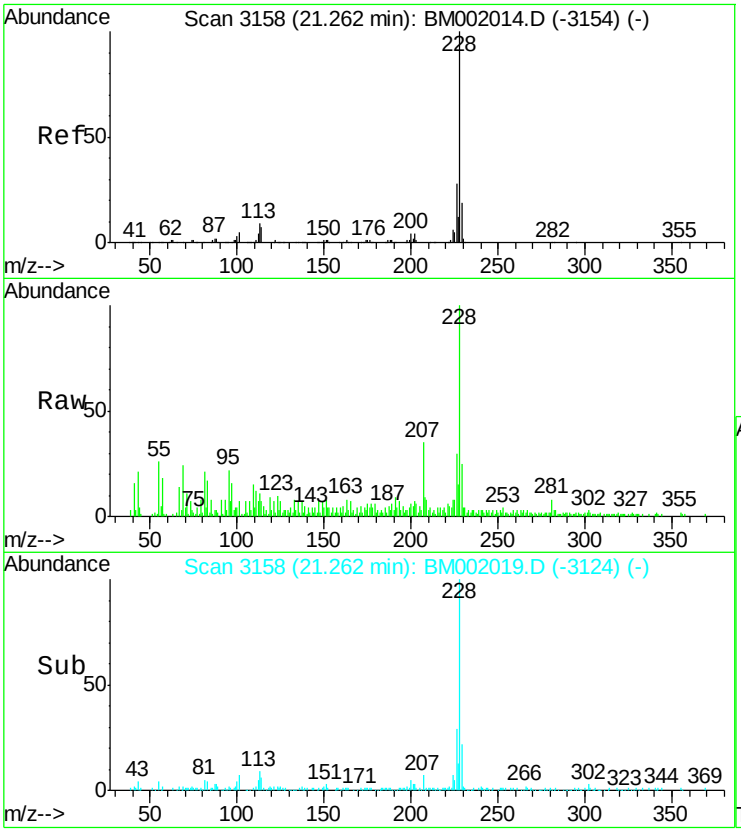


#83
Bis(2-ethylhexyl)phthalate
Concen: 1.21 ng/ul
RT: 21.14 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BM002019.D
Acq: 23 Jul 2015 16:46

Tgt Ion:149 Resp: 16679

Ion	Ratio	Lower	Upper
149	100		
167	30.5	23.2	34.8
279	8.3	4.5	6.7#



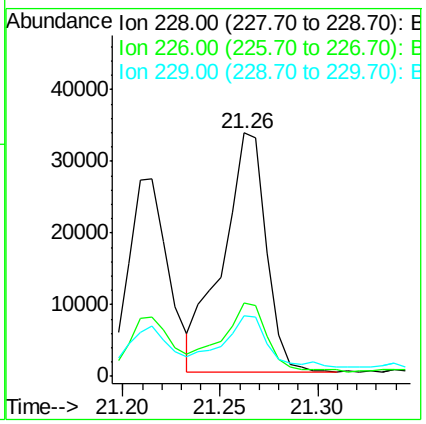


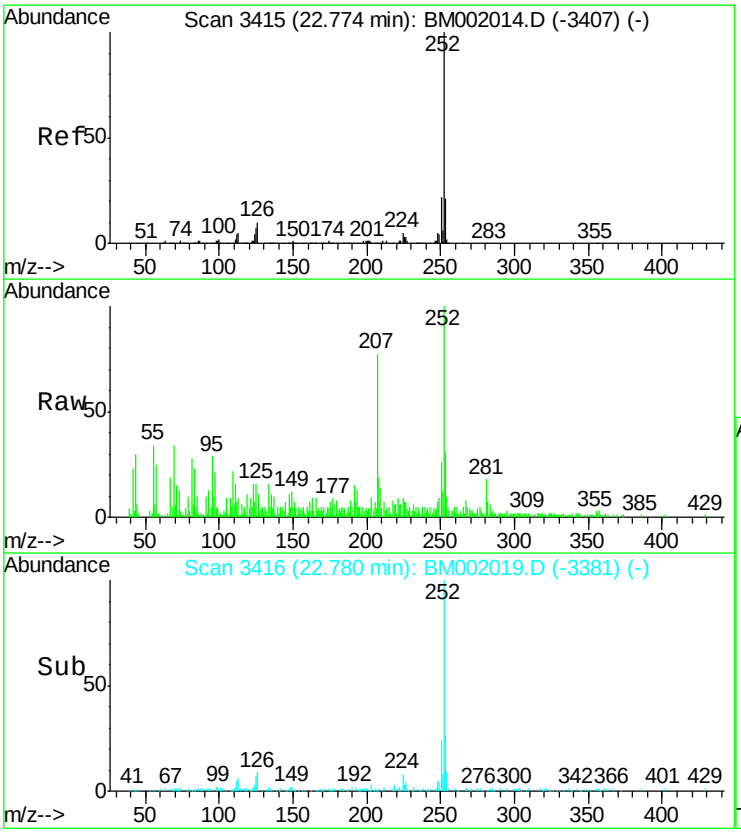
#84
Chrysene
Concen: 2.25 ng/ul
RT: 21.26 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BM002019.D
Acq: 23 Jul 2015 16:46

Instrument :
BNA_M
ClientSampleId :
C02B8RE

Tgt Ion:228 Resp: 51750

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.0	34.4
229	24.9	15.6	23.4#

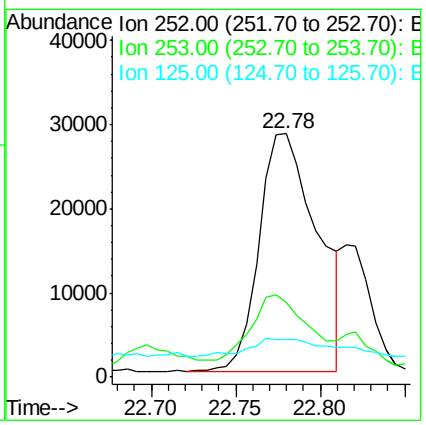


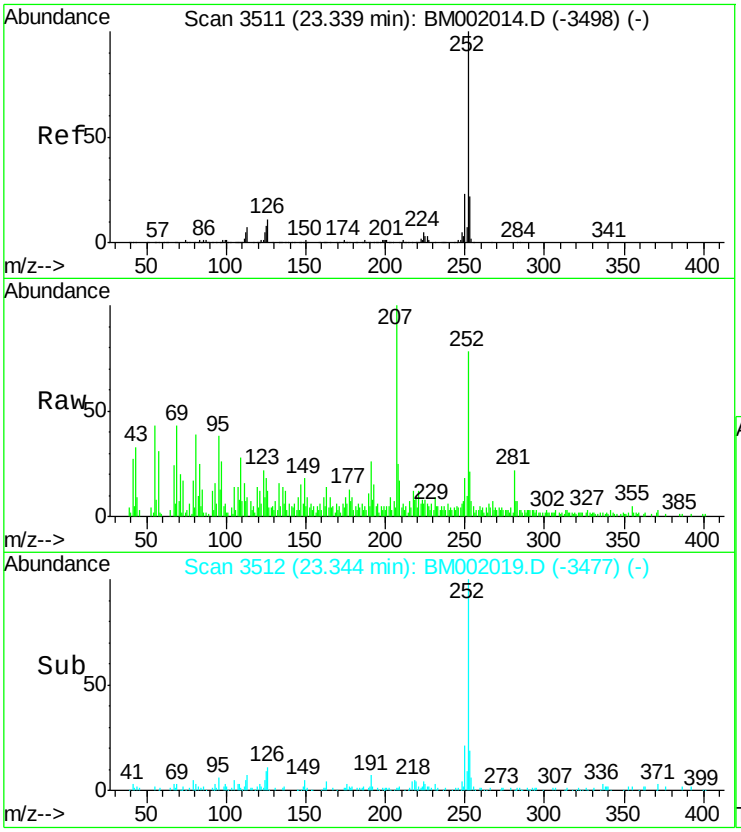


#87
Benzo(b)fluoranthene
Concen: 2.59 ng/ul
RT: 22.78 min Scan# 3416
Delta R.T. 0.01 min
Lab File: BM002019.D
Acq: 23 Jul 2015 16:46

Tgt Ion:252 Resp: 67438

Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.2	25.8#
125	15.6	5.3	7.9#





#90
Benzo(a)pyrene
Concen: 1.30 ng/ul
RT: 23.34 min Scan# 3512
Delta R.T. 0.01 min
Lab File: BM002019.D
Acq: 23 Jul 2015 16:46

Instrument :
BNA_M
ClientSampleId :
C02B8RE

Tgt Ion:252 Resp: 31684

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.6	26.4#
125	22.5	6.0	9.0#