Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSW5DL

Quant Time: May 03 13:19:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 02 01:45:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	104370	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	481437	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.47	164	325996	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.23	188	823762	20.00	ng/ul	0.02
75) Chrysene-d12	21.42	240	1382747	20.00	ng/ul	0.02
83) Perylene-d12	23.76	264	1255029	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.02	99	33261	2.93	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.16	67	31090	4.02	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	26829	3.72	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	27228	3.08	ng/ul	0.03
19) Nitrobenzene-d5	8.99	128	14843	3.79	ng/ul	0.02
22) 2-Nitrophenol-d4	9.72	143	15292	3.71	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	31191	3.78	ng/ul	0.03
29) 4-Chloroaniline-d4	10.77	131	26739	2.69	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	109627	3.87	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	149285	4.37	ng/ul	0.02
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.47	176	112151	4.38	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.33	188	190185	4.50	ng/ul	0.02
76) Pyrene-d10	19.63	212	242949	3.98	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.60	264	269080	4.41	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	10.67	128	31836	1.24	ng/ul	97
74) Fluoranthene	19.29	202	158216	2.65	ng/ul#	91
77) Pyrene	19.66	202	342321	4.38	ng/ul#	90
80) Benzo(a)anthracene	21.40	228	111035	1.35	ng/ul#	81
81) Bis(2-ethylhexyl)phthalate	21.30	149	1127016	22.97	ng/ul	96
82) Chrysene	21.46	228	127460	1.73	ng/ul#	80
88) Benzo(a)pyrene	23.65	252	160004	2.11	ng/ul#	45
89) Indeno(1,2,3-cd)pyrene	26.13	276	92077	1.12	ng/ul#	76
91) Benzo(g,h,i)perylene	26.86	276	72896	1.10	ng/ul#	49

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

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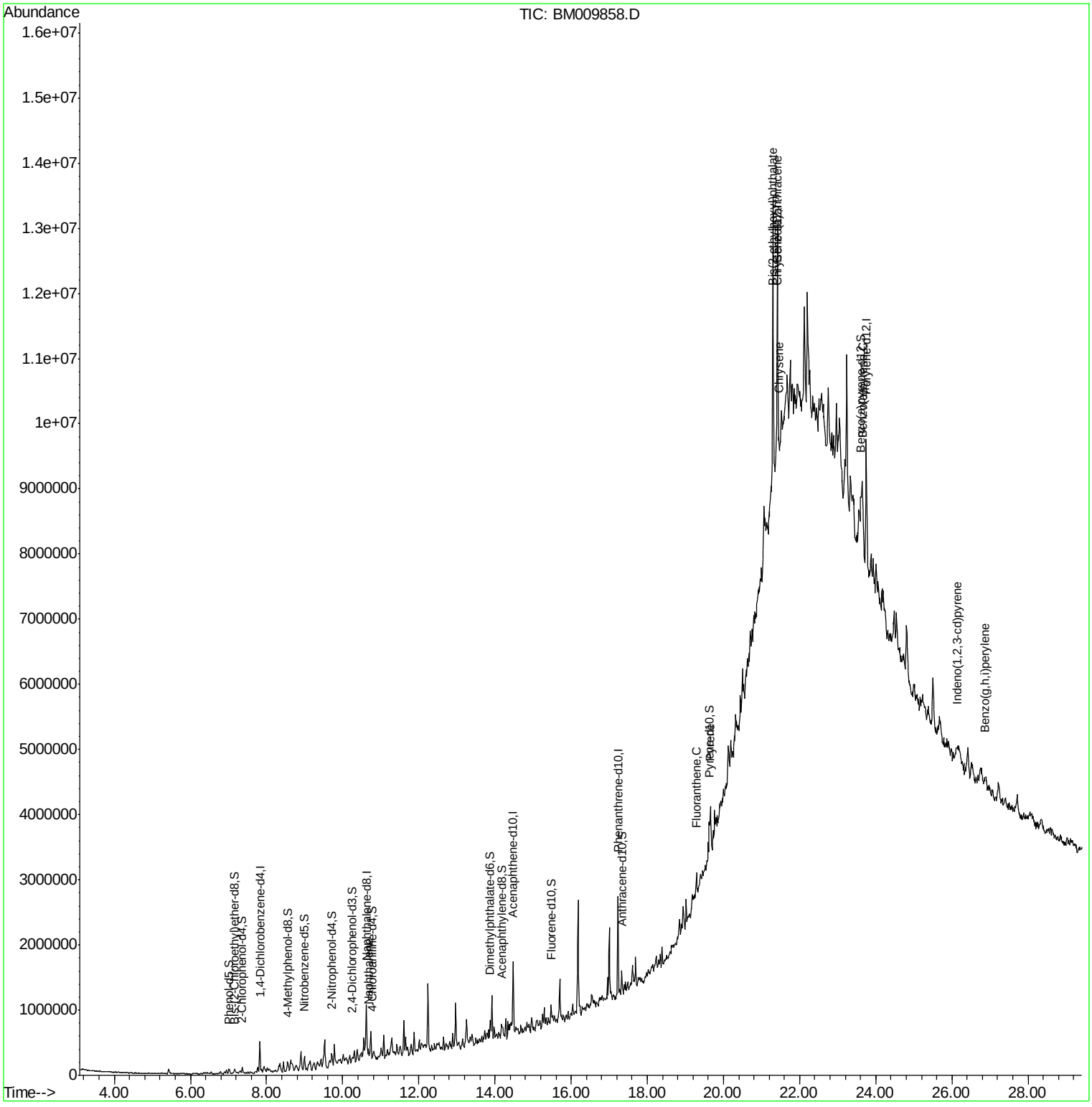
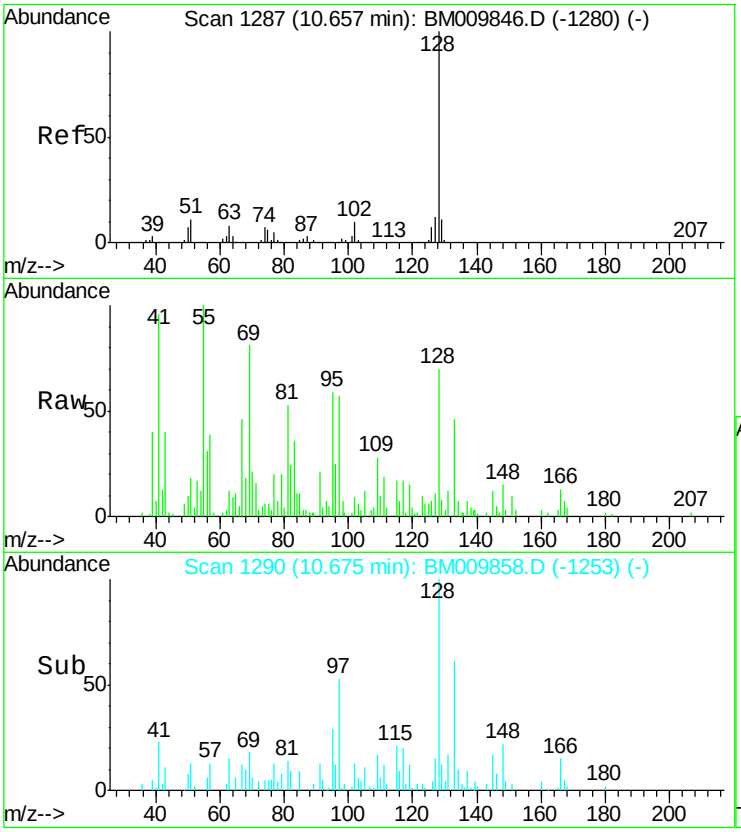


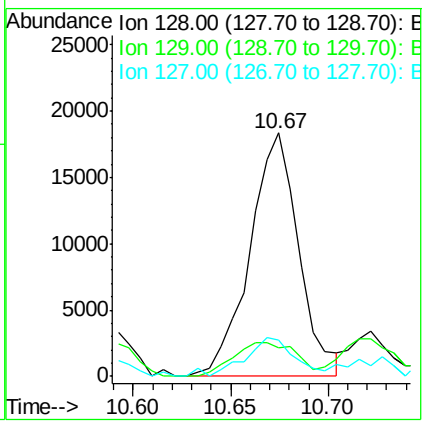


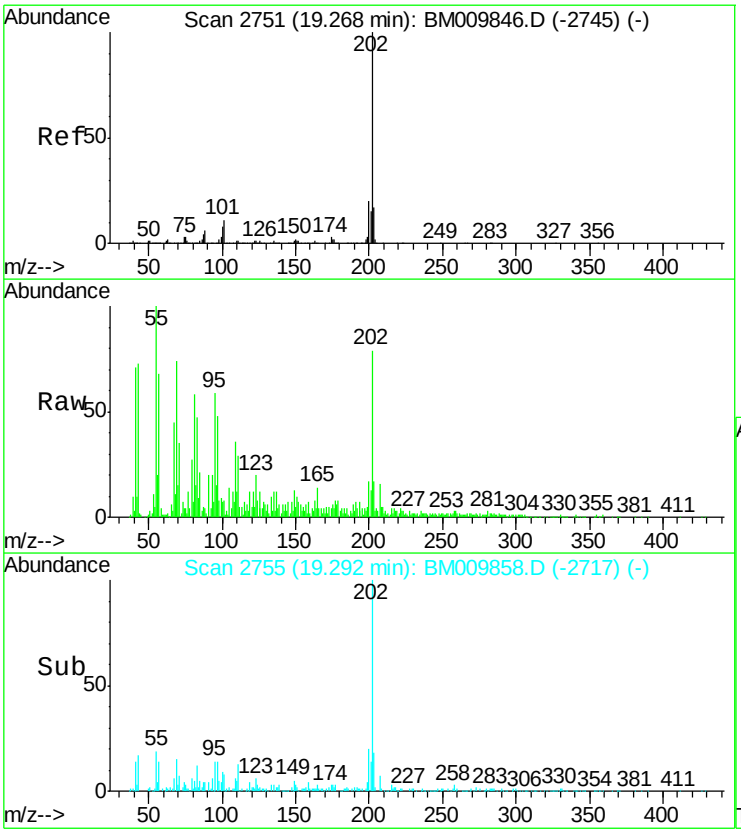
#28
Naphthalene
Concen: 1.24 ng/ul
RT: 10.67 min Scan# 1290
Delta R.T. 0.02 min
Lab File: BM009858.D
Acq: 02 May 2017 07:52

Instrument :
BNA_M
ClientSampleId :
JHSW5DL

Tgt Ion:128 Resp: 31836

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.7	14.5
127	15.0	10.2	15.4

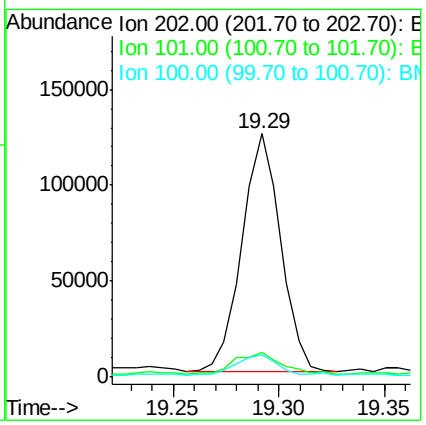


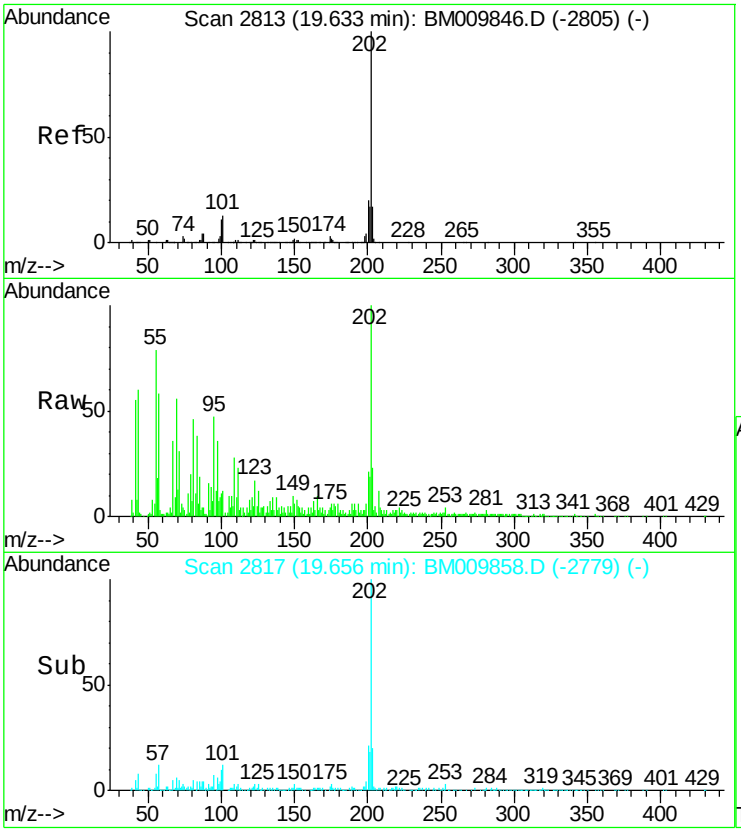


#74
Fluoranthene
Concen: 2.65 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.02 min
Lab File: BM009858.D
Acq: 02 May 2017 07:52

Tgt Ion:202 Resp: 158216

Ion	Ratio	Lower	Upper
202	100		
101	9.9	5.7	8.5#
100	9.1	4.6	7.0#



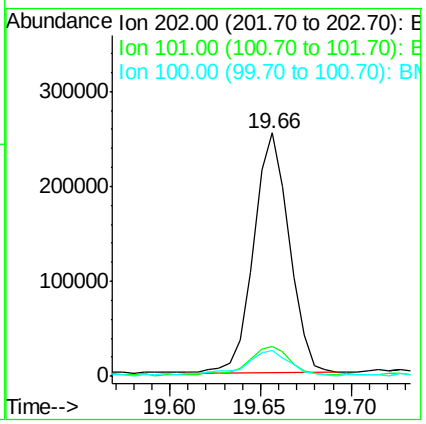


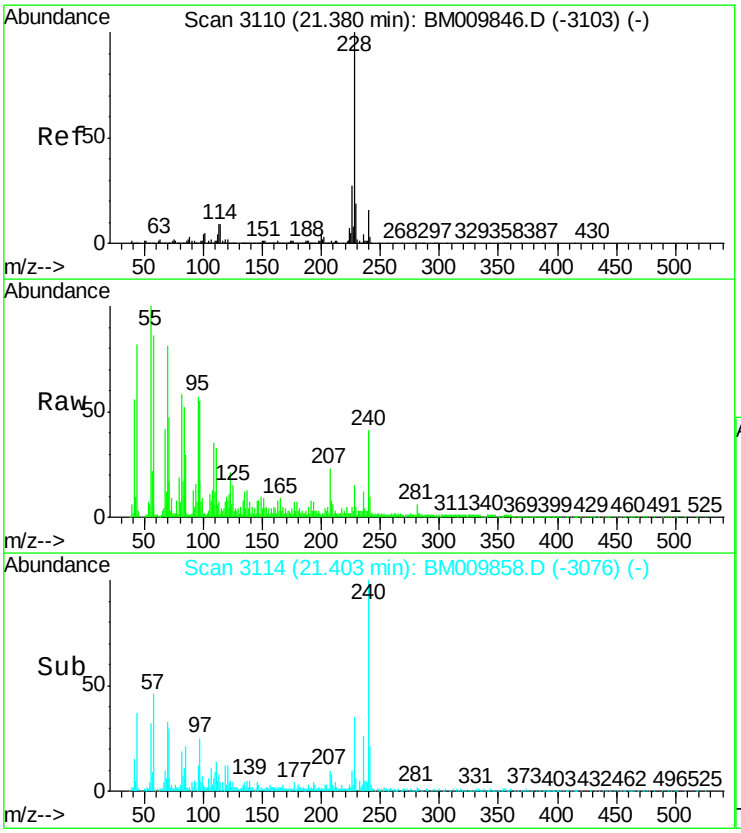
#77
Pyrene
Concen: 4.38 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.02 min
Lab File: BM009858.D
Acq: 02 May 2017 07:52

Instrument :
BNA_M
ClientSampleId :
JHSW5DL

Tgt Ion:202 Resp: 342321

Ion	Ratio	Lower	Upper
202	100		
101	12.3	6.2	9.4#
100	10.8	6.4	9.6#

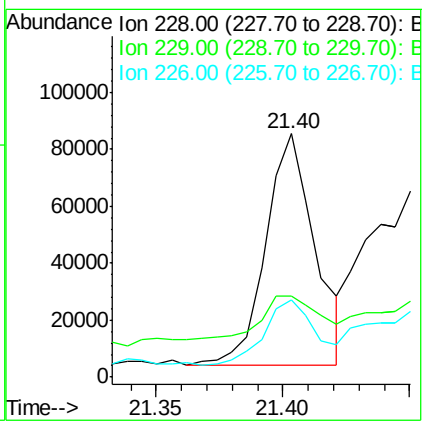


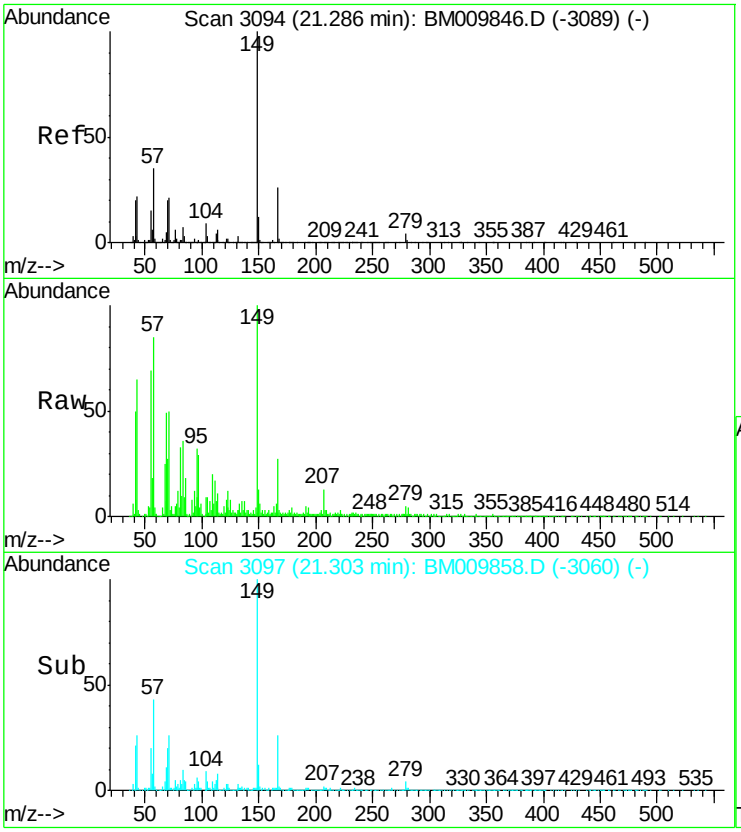


#80
Benzo(a)anthracene
Concen: 1.35 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.02 min
Lab File: BM009858.D
Acq: 02 May 2017 07:52

Tgt Ion:228 Resp: 111035

Ion	Ratio	Lower	Upper
228	100		
229	33.1	15.4	23.2#
226	31.9	21.2	31.8#



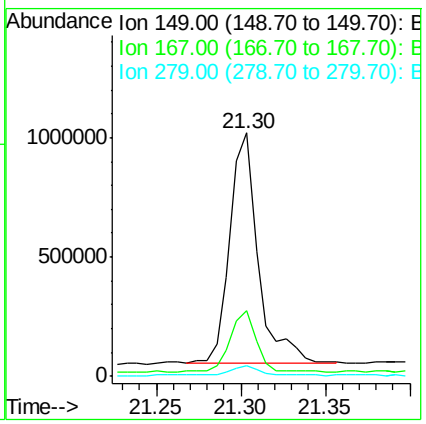


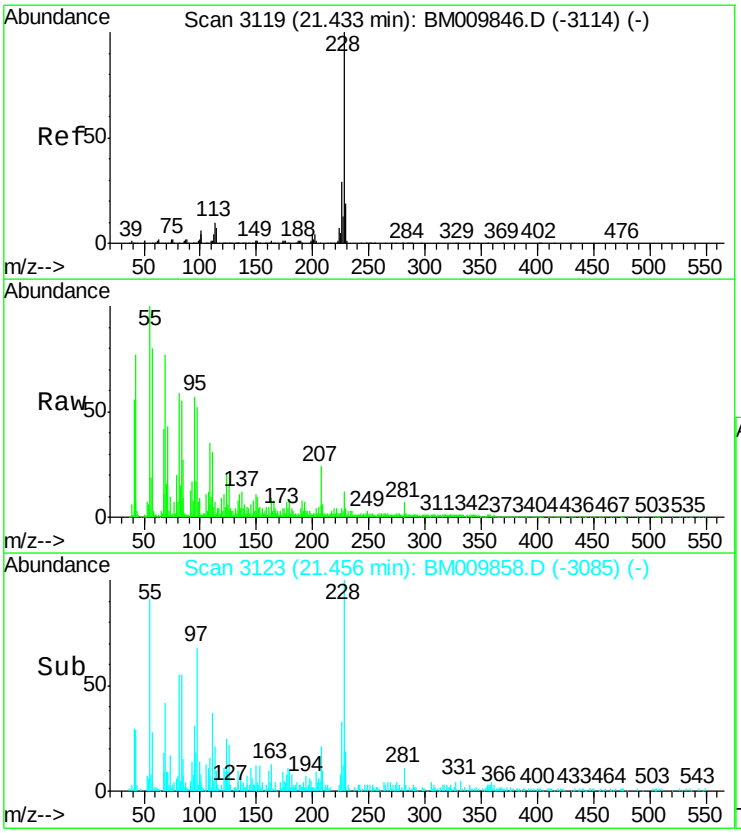
#81
Bis(2-ethylhexyl)phthalate
Concen: 22.97 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. 0.02 min
Lab File: BM009858.D
Acq: 02 May 2017 07:52

Instrument :
BNA_M
ClientSampleId :
JHSW5DL

Tgt Ion:149 Resp: 1127016

Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.2	30.2
279	4.6	4.0	6.0

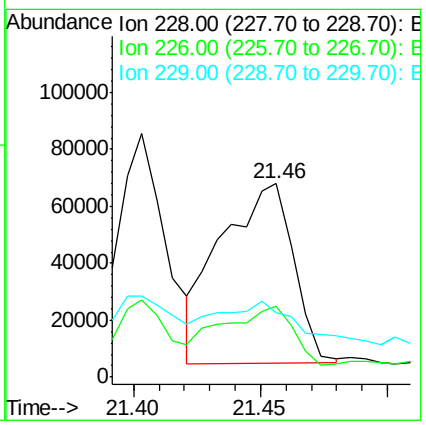


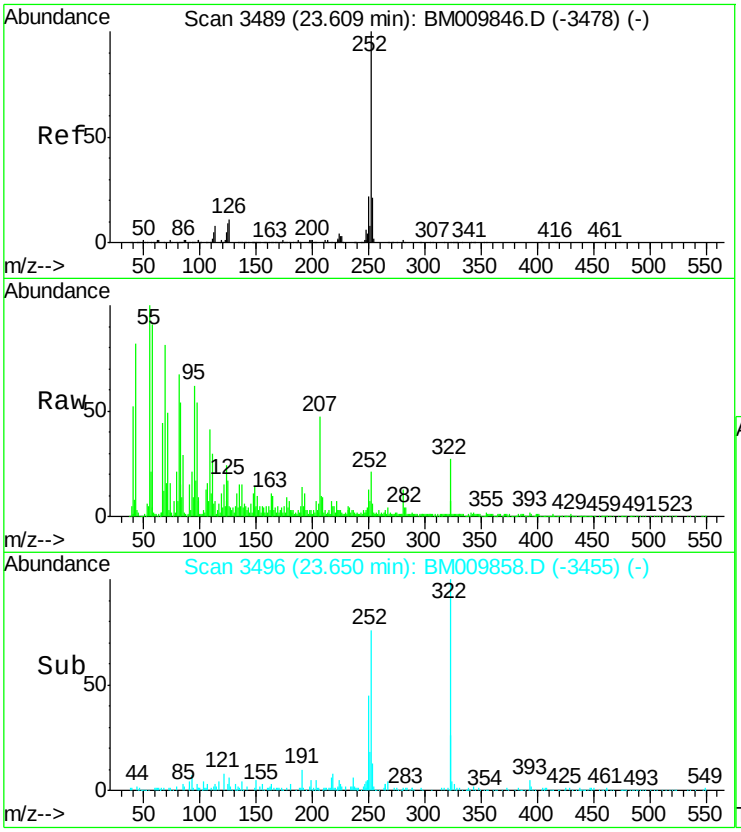


#82
Chrysene
Concen: 1.73 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. 0.02 min
Lab File: BM009858.D
Acq: 02 May 2017 07:52

Tgt Ion:228 Resp: 127460

Ion	Ratio	Lower	Upper
228	100		
226	36.9	23.9	35.9#
229	33.0	15.4	23.2#



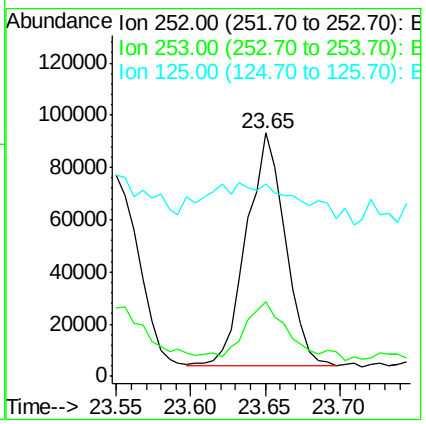


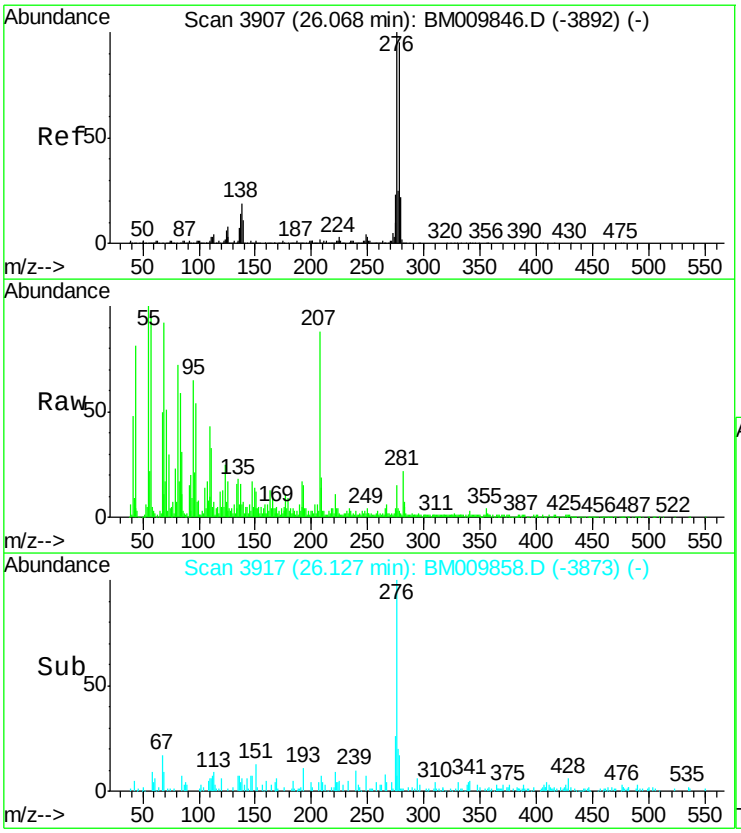
#88
Benzo(a)pyrene
Concen: 2.11 ng/ul
RT: 23.65 min Scan# 3496
Delta R.T. 0.04 min
Lab File: BM009858.D
Acq: 02 May 2017 07:52

Instrument :
BNA_M
ClientSampleId :
JHSW5DL

Tgt Ion:252 Resp: 160004

Ion	Ratio	Lower	Upper
252	100		
253	30.7	17.4	26.0#
125	79.2	3.7	5.5#

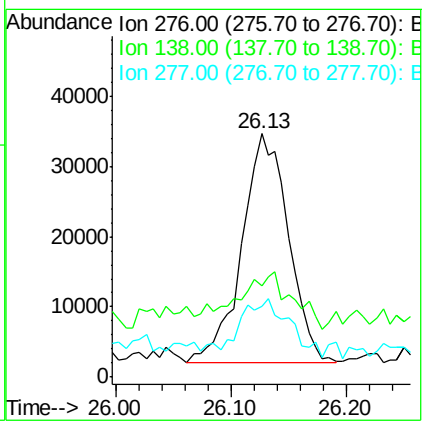


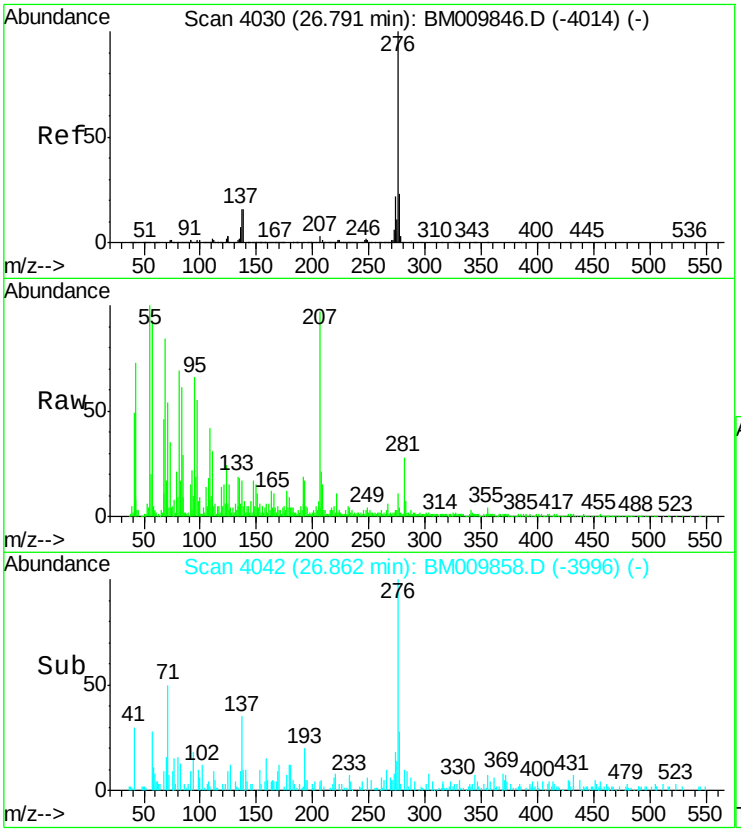


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.12 ng/ul
RT: 26.13 min Scan# 3917
Delta R.T. 0.06 min
Lab File: BM009858.D
Acq: 02 May 2017 07:52

Tgt Ion:276 Resp: 92077

Ion	Ratio	Lower	Upper
276	100		
138	37.7	8.2	12.2#
277	29.2	21.5	32.3





#91
Benzo(g,h,i)perylene
Concen: 1.10 ng/ul
RT: 26.86 min Scan# 4042
Delta R.T. 0.07 min
Lab File: BM009858.D
Acq: 02 May 2017 07:52

Instrument :
BNA_M
ClientSampleId :
JHSW5DL

Tgt Ion:276 Resp: 72896

Ion	Ratio	Lower	Upper
276	100		
138	46.8	7.0	10.4#
277	39.3	19.0	28.6#