Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007074.D
Acq On : 13 Aug 2016 18:02
Operator : UM/SJ
Sample : H4314-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJT2

Quant Time: Aug 15 10:21:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	249288	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	996496	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	576489	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1353733	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1663800	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1804615	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	33005	5.78	ng/uL	0.00
5) Phenol-d5	6.97	99	646816	32.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	385526	33.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	536559	33.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	531979	32.01	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	246593	34.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	279299	36.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	533572	32.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	653649	33.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1662507	34.90	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2009548	35.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	253659	29.71	ng/ul	0.00
57) Fluorene-d10	15.43	176	1466170	35.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	212231	28.37	ng/ul	-0.01
70) Anthracene-d10	17.28	188	2278314	36.33	ng/ul	0.00
76) Pyrene-d10	19.57	212	2803422	39.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	3225027	39.07	ng/ul	0.00
Target Compounds						Qvalue
15) N-Nitroso-di-n-propylamine	8.51	70	14731	1.11	ng/ul#	1
44) Dimethylphthalate	13.90	163	512335	10.76	ng/ul	99
74) Fluoranthene	19.24	202	134644	1.52	ng/ul	99
77) Pyrene	19.60	202	132268	1.44	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.29	149	4293270	81.12	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	136619	1.26	ng/ul#	90
86) Benzo(k)fluoranthene	22.96	252	136619	1.34	ng/ul#	91

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

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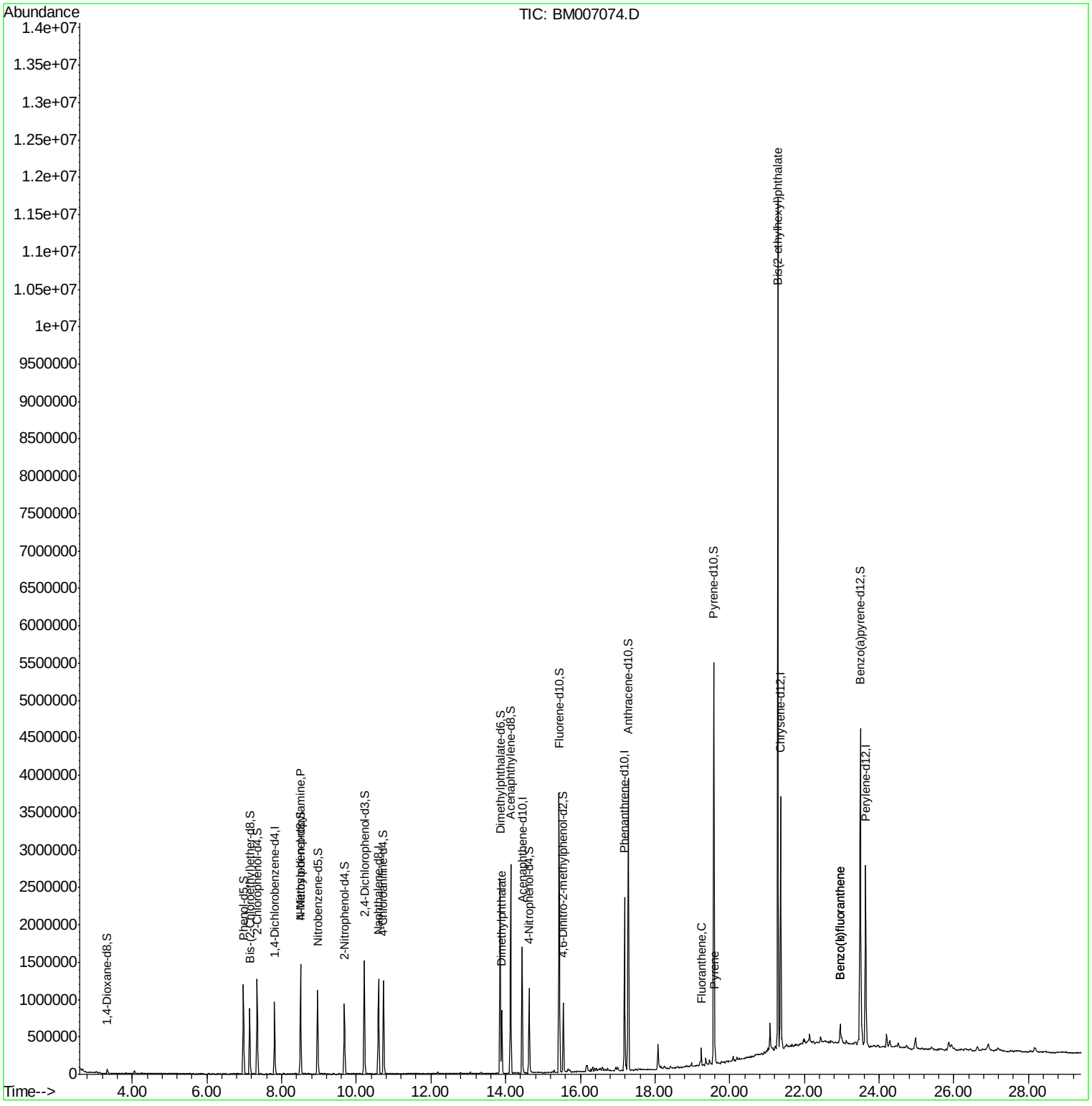
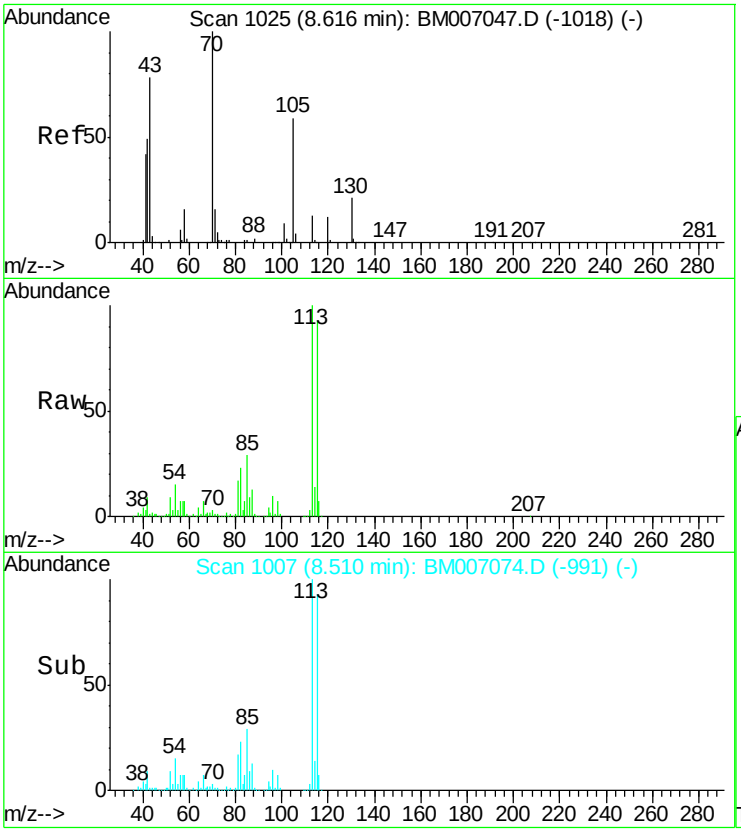


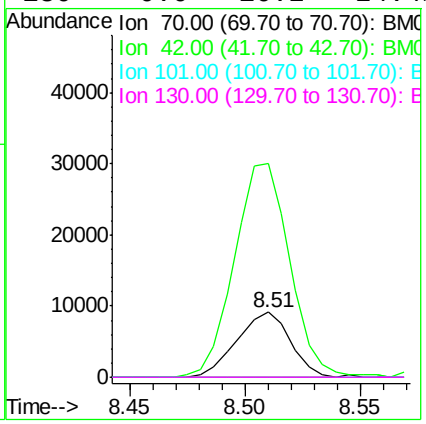


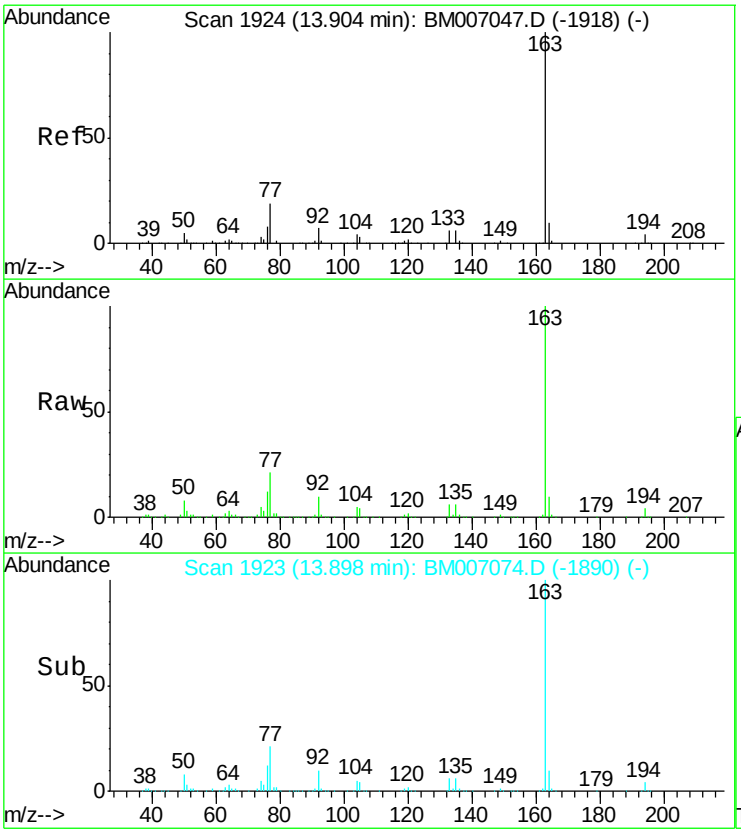
#15
N-Nitroso-di-n-propylamine
Concen: 1.11 ng/ul
RT: 8.51 min Scan# 1007
Delta R.T. -0.11 min
Lab File: BM007074.D
Acq: 13 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
BDJT2

Tgt Ion: 70 Resp: 14731

Ion	Ratio	Lower	Upper
70	100		
42	327.7	43.4	65.2#
101	0.0	7.8	11.6#
130	0.0	16.2	24.4#

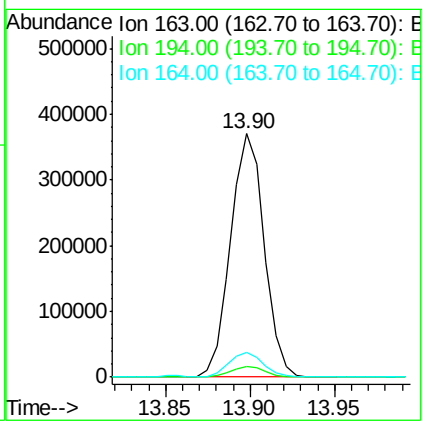


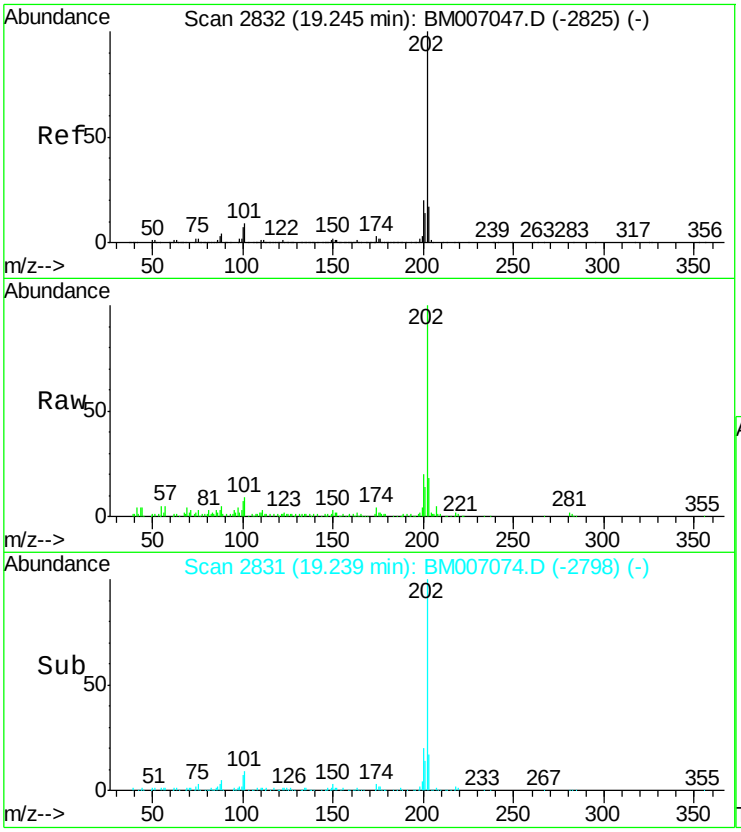


#44
Dimethylphthalate
Concen: 10.76 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007074.D
Acq: 13 Aug 2016 18:02

Tgt Ion:163 Resp: 512335

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.3	7.8	11.8



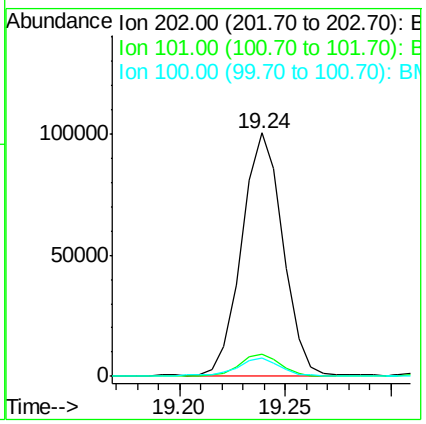


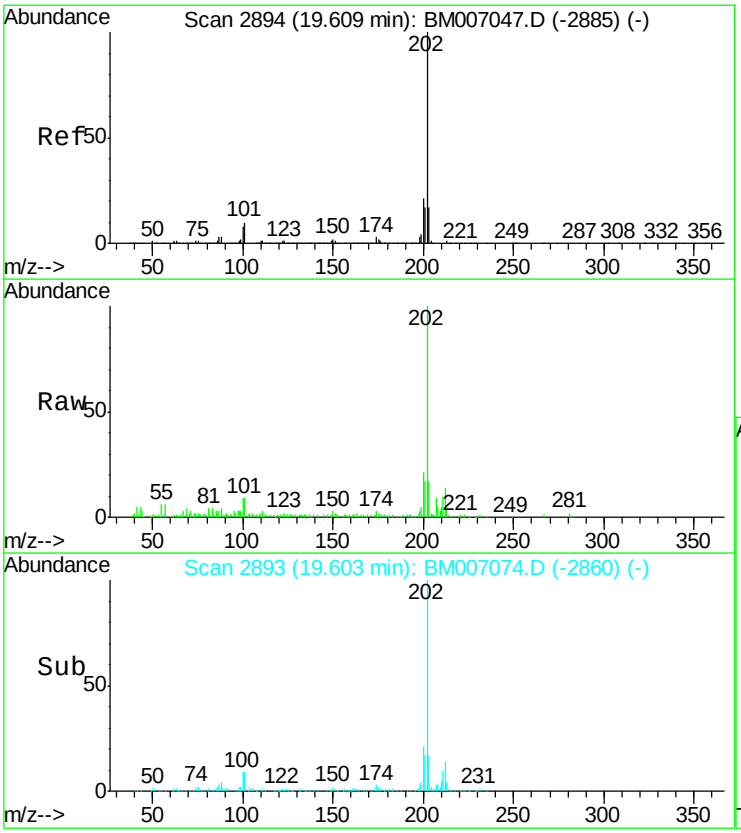
#74
Fluoranthene
Concen: 1.52 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM007074.D
Acq: 13 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
BDJT2

Tgt Ion:202 Resp: 134644

Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.9	10.3
100	7.3	5.4	8.0

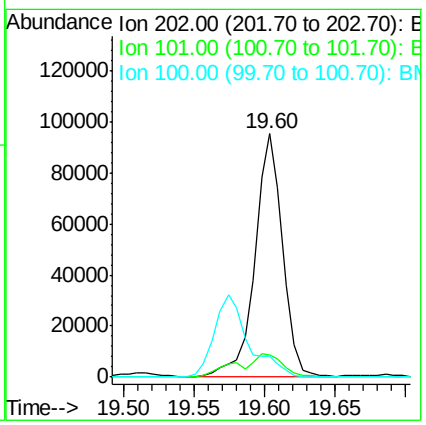


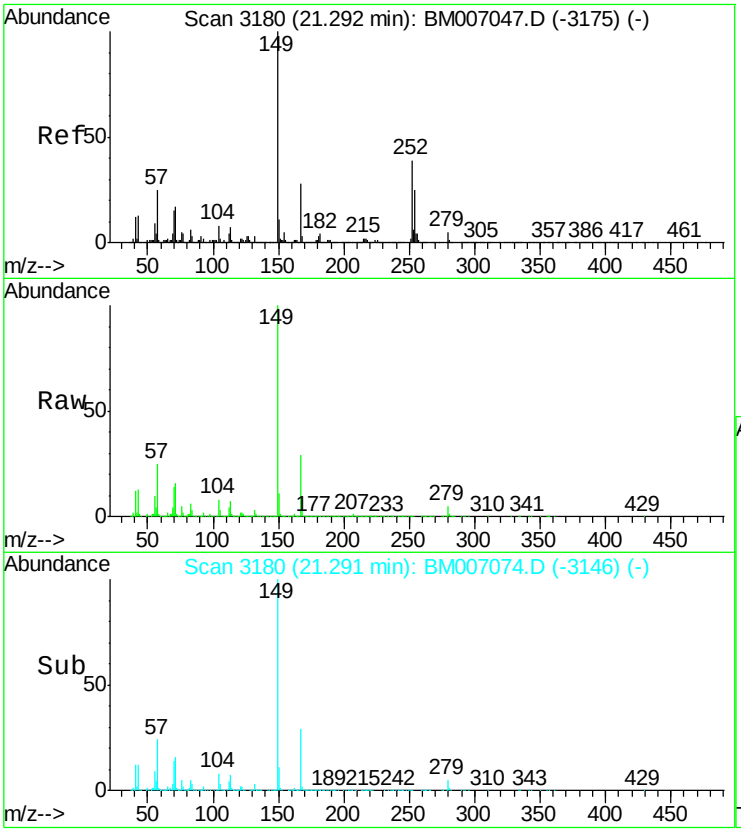


#77
Pyrene
Concen: 1.44 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BM007074.D
Acq: 13 Aug 2016 18:02

Tgt Ion:202 Resp: 132268

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.4	12.6
100	8.8	6.9	10.3



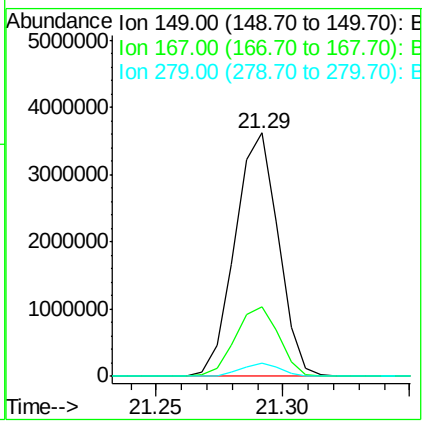


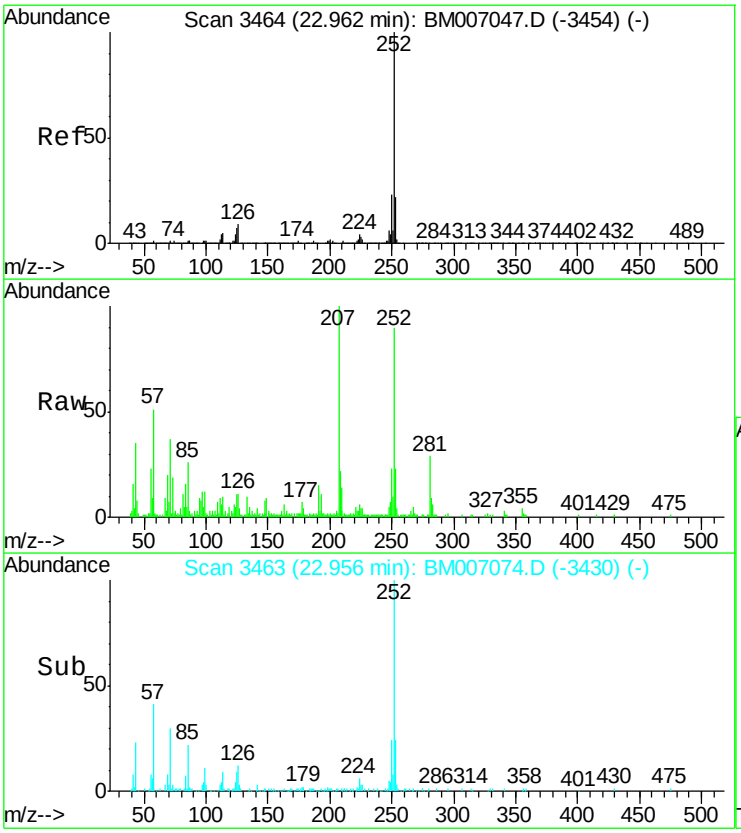
#81
Bis(2-ethylhexyl)phthalate
Concen: 81.12 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BM007074.D
Acq: 13 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
BDJT2

Tgt Ion:149 Resp: 4293270

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.2	34.8
279	5.3	4.1	6.1

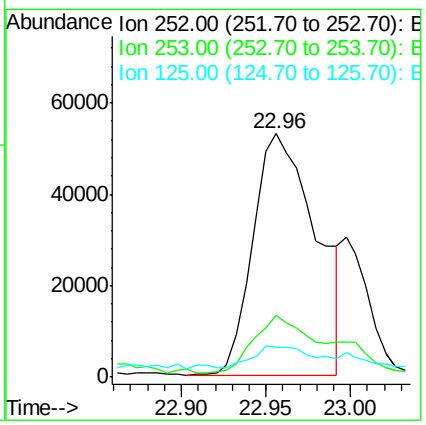


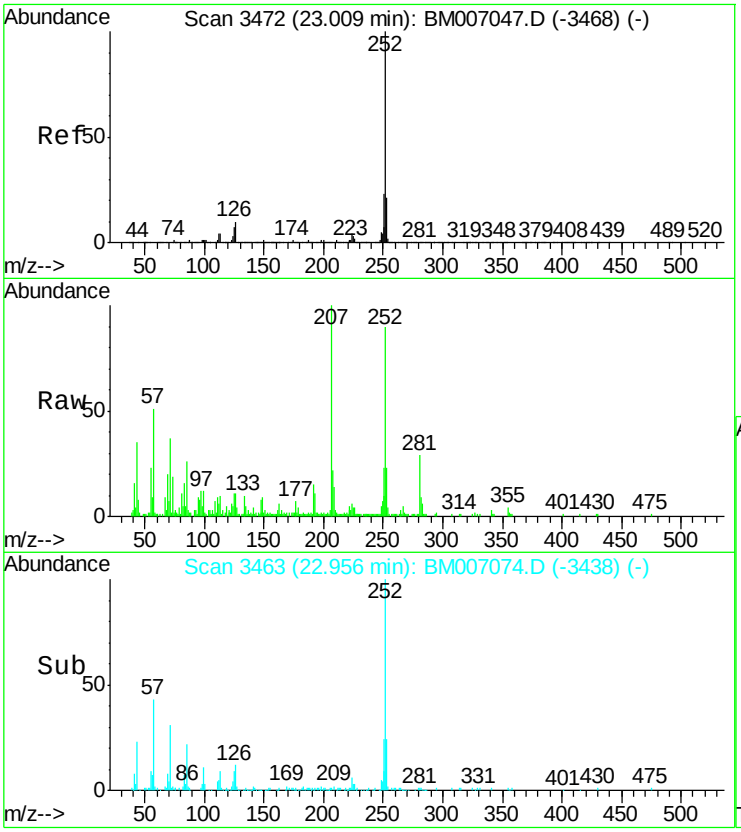


#85
Benzo(b)fluoranthene
Concen: 1.26 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM007074.D
Acq: 13 Aug 2016 18:02

Tgt Ion:252 Resp: 136619

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.1	25.7
125	12.3	5.8	8.8#





#86
Benzo(k)fluoranthene
Concen: 1.34 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.05 min
Lab File: BM007074.D
Acq: 13 Aug 2016 18:02

Instrument :
BNA_M
ClientSampleId :
BDJT2

Tgt Ion:252 Resp: 136619

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.6	26.4
125	12.3	5.7	8.5#