Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070916\
Data File : BM006374.D
Acq On : 09 Jul 2016 12:27
Operator : UM/SJ
Sample : H3861-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 11 04:31:58 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 11 04:31:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	122936	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	504898	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	301590	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	715349	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	827757	20.00	ng/ul	0.00
83) Perylene-d12	23.44	264	873637	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	5647	1.96	ng/uL	0.00
5) Phenol-d5	6.81	99	244787	21.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	155115	22.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	197209	22.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	184711	19.83	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	97083	24.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	109725	24.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	188870	22.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	248856	28.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	630515	25.05	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	765762	24.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	104234	21.85	ng/ul	0.00
57) Fluorene-d10	15.28	176	545857	25.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	84379	20.13	ng/ul	0.00
70) Anthracene-d10	17.13	188	857844	25.13	ng/ul	0.00
76) Pyrene-d10	19.43	212	1013753	25.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.30	264	1080369	26.62	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.74	163	197790	7.82	ng/ul	98
69) Phenanthrene	17.07	178	76056	1.91	ng/ul	99
71) Anthracene	17.16	178	88799	2.15	ng/ul	98
73) Di-n-butylphthalate	18.00	149	142044	2.99	ng/ul	98
74) Fluoranthene	19.10	202	354197	7.98	ng/ul	97
77) Pyrene	19.46	202	325683	6.27	ng/ul	97
80) Benzo(a)anthracene	21.22	228	239090	4.71	ng/ul	94
82) Chrysene	21.27	228	229940	4.96	ng/ul	98
85) Benzo(b)fluoranthene	22.78	252	273201	5.28	ng/ul	97
86) Benzo(k)fluoranthene	22.78	252	273201	5.68	ng/ul	97
88) Benzo(a)pyrene	23.34	252	220778	4.41	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.64	276	121014	2.11	ng/ul#	94
91) Benzo(g,h,i)perylene	26.32	276	101215	2.05	ng/ul	97

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

Quantitation Report (Not Reviewed)

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Misc :
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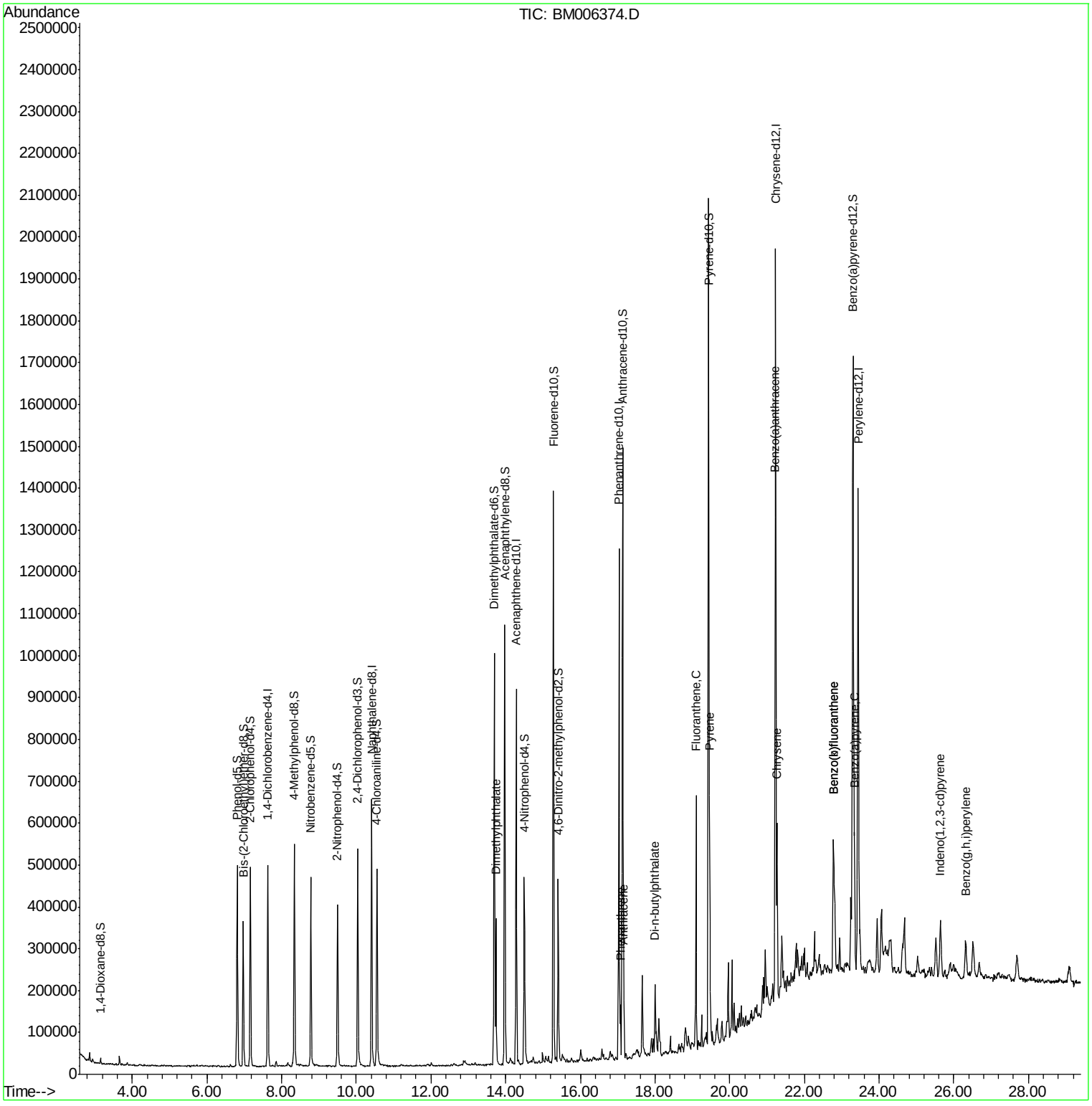
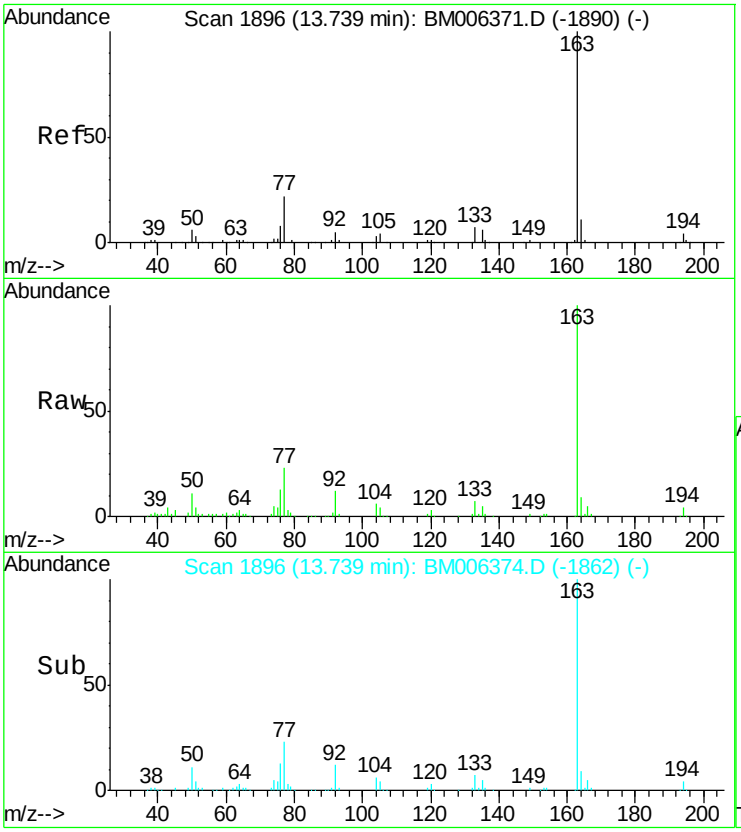
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 11 04:31:23 2016
Response via : Initial Calibration



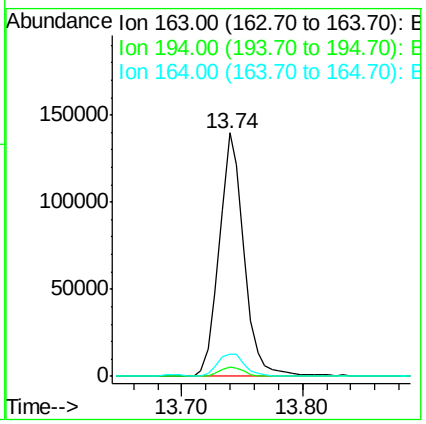


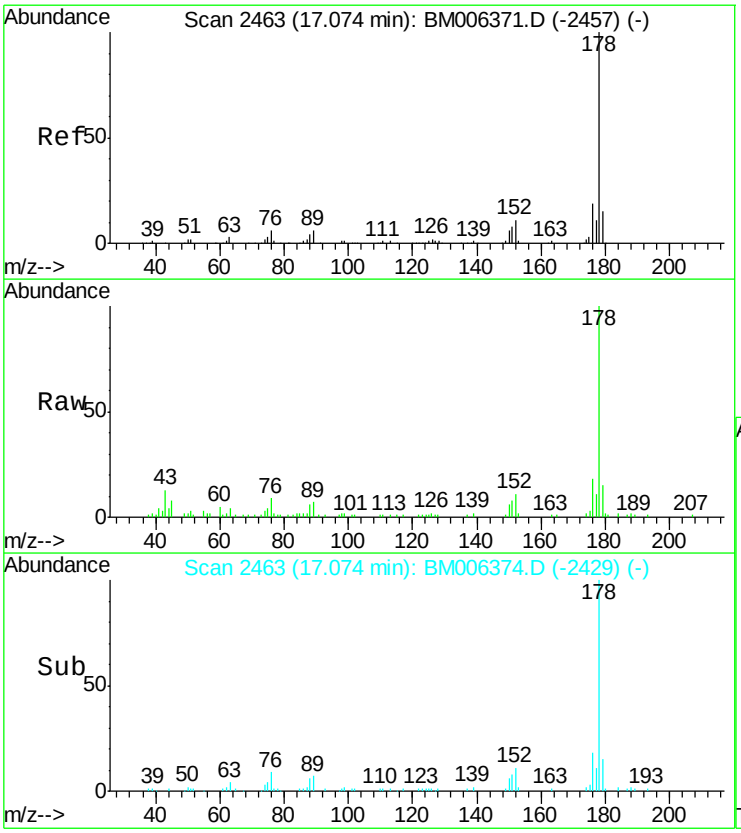
#44
Dimethylphthalate
Concen: 7.82 ng/ul
RT: 13.74 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BM006374.D
Acq: 09 Jul 2016 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 197790

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.0	7.8	11.8

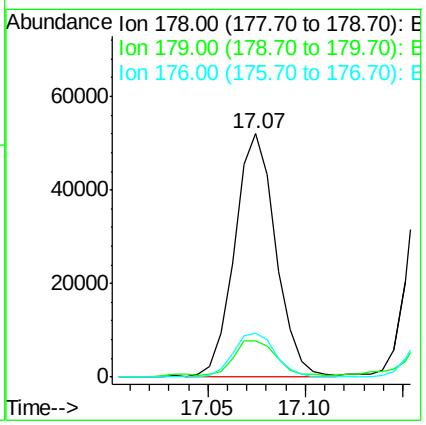


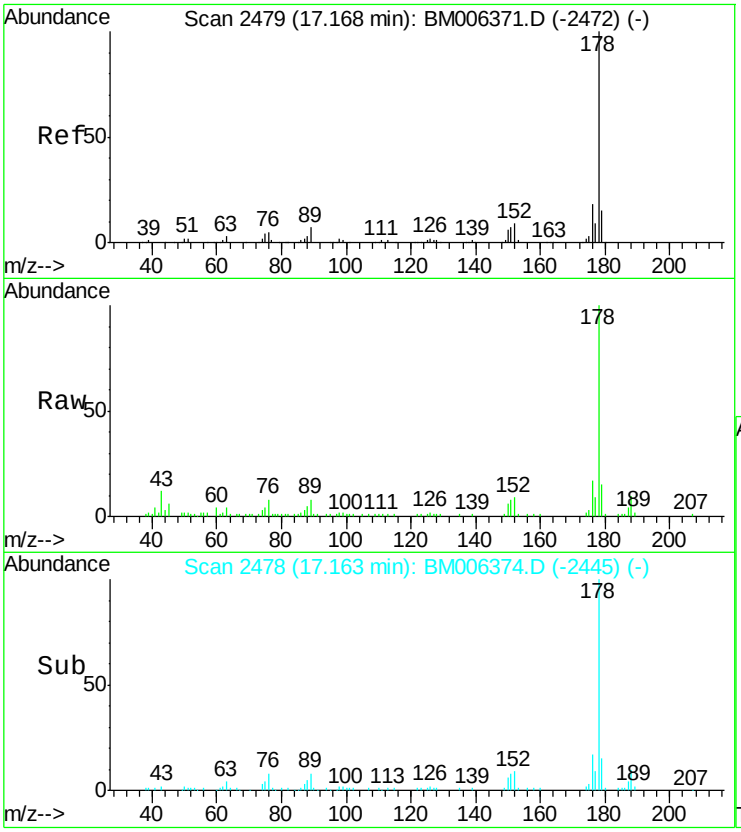


#69
Phenanthrene
Concen: 1.91 ng/ul
RT: 17.07 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BM006374.D
Acq: 09 Jul 2016 12:27

Tgt Ion:178 Resp: 76056

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.9	17.9
176	17.8	15.2	22.8



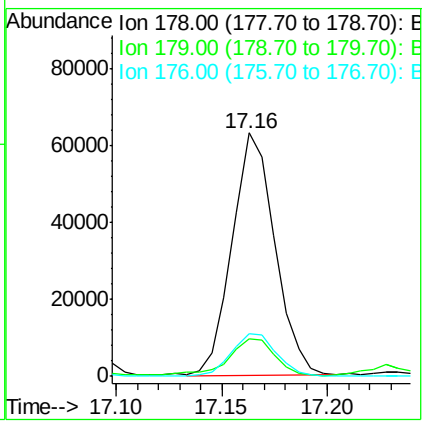


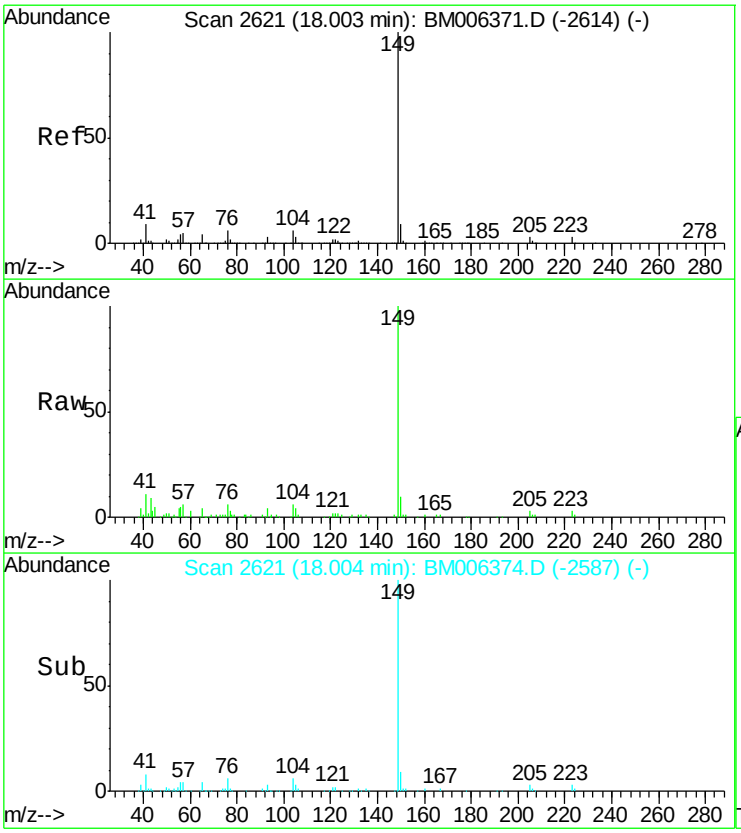
#71
Anthracene
Concen: 2.15 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.01 min
Lab File: BM006374.D
Acq: 09 Jul 2016 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 88799

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	17.3	15.0	22.6

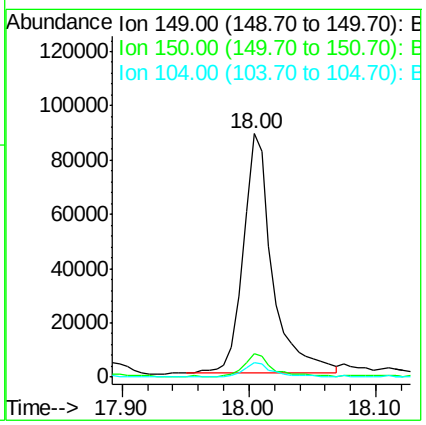


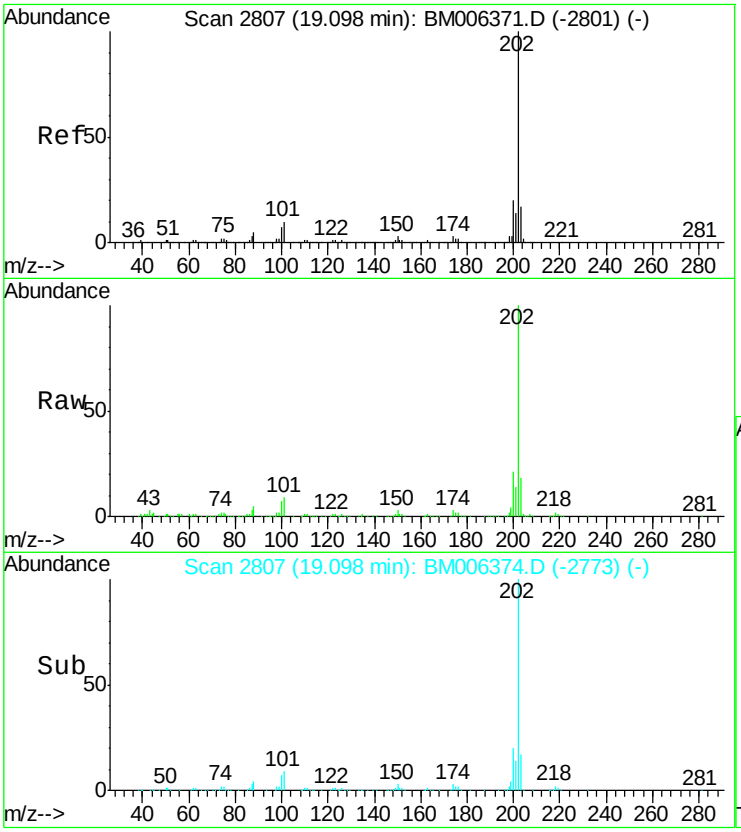


#73
Di-n-butylphthalate
Concen: 2.99 ng/ul
RT: 18.00 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BM006374.D
Acq: 09 Jul 2016 12:27

Tgt Ion:149 Resp: 142044

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.1	10.7
104	5.9	4.4	6.6



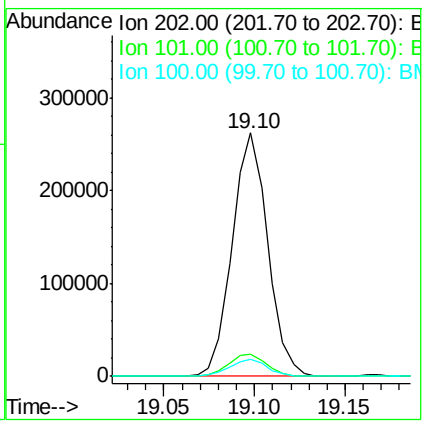


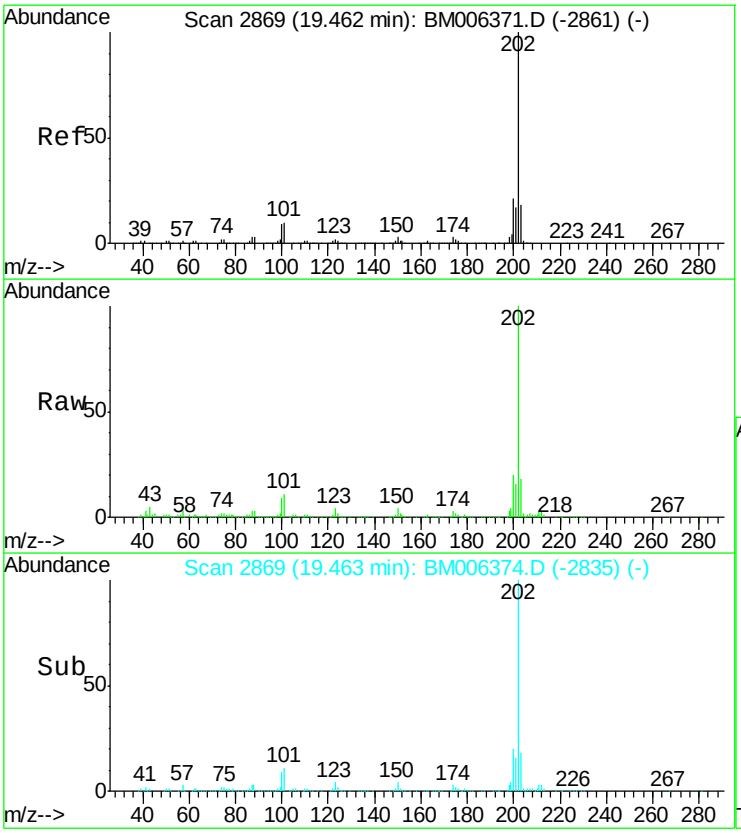
#74
Fluoranthene
Concen: 7.98 ng/ul
RT: 19.10 min Scan# 2807
Delta R.T. 0.00 min
Lab File: BM006374.D
Acq: 09 Jul 2016 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 354197

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.6	12.8
100	7.1	6.4	9.6

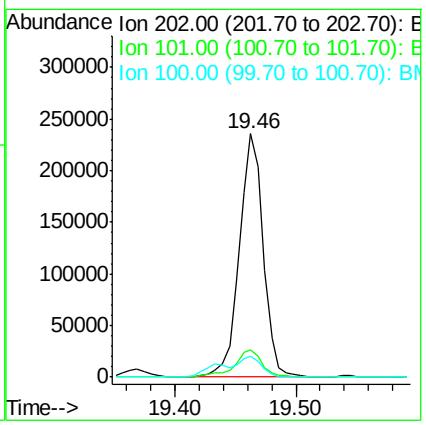


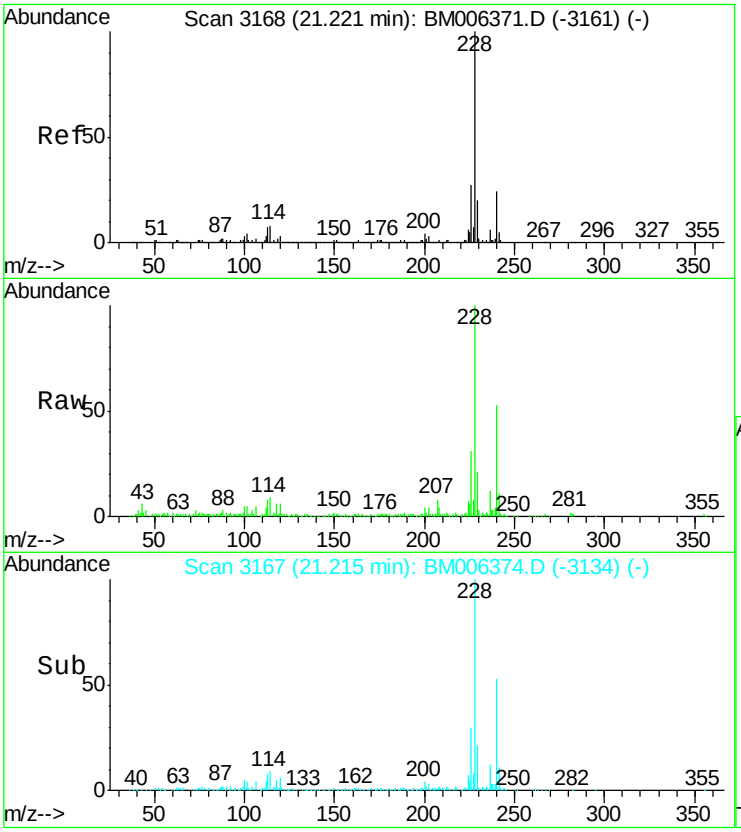


#77
Pyrene
Concen: 6.27 ng/ul
RT: 19.46 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BM006374.D
Acq: 09 Jul 2016 12:27

Tgt Ion:202 Resp: 325683

Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.0	15.0
100	8.8	7.9	11.9



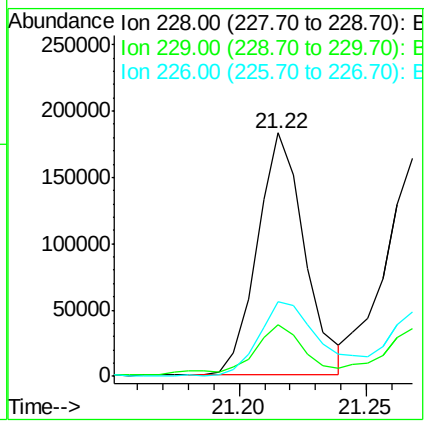


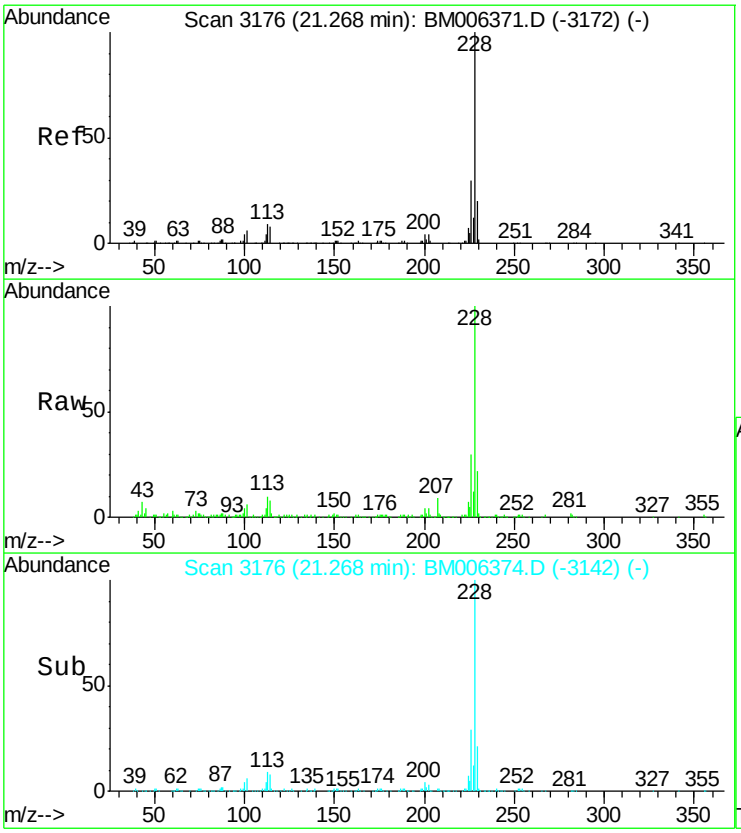
#80
Benzo(a)anthracene
Concen: 4.71 ng/ul
RT: 21.22 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BM006374.D
Acq: 09 Jul 2016 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 239090

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.6	23.4
226	30.8	21.4	32.2

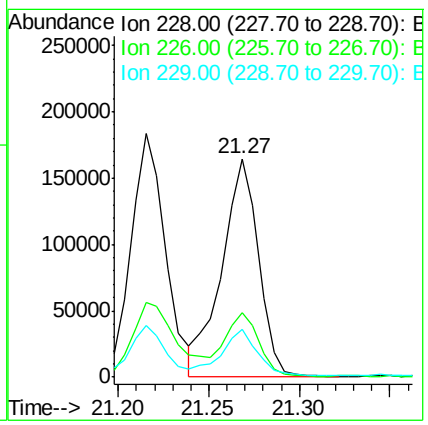


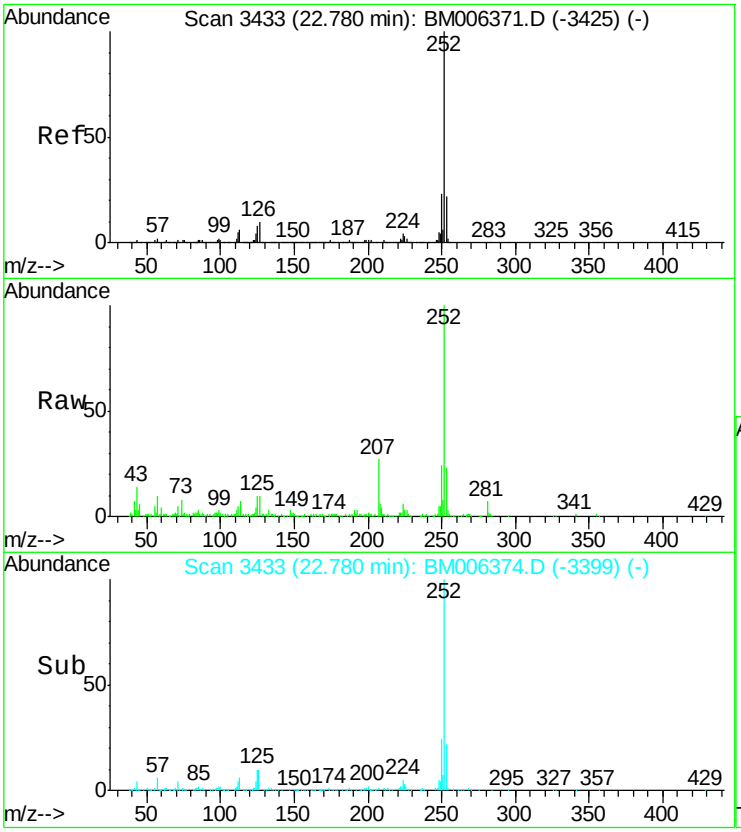


#82
Chrysene
Concen: 4.96 ng/ul
RT: 21.27 min Scan# 3176
Delta R.T. 0.00 min
Lab File: BM006374.D
Acq: 09 Jul 2016 12:27

Tgt Ion:228 Resp: 229940

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.3	34.9
229	21.7	15.8	23.8



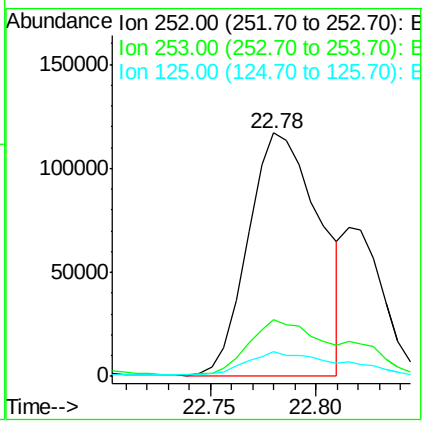


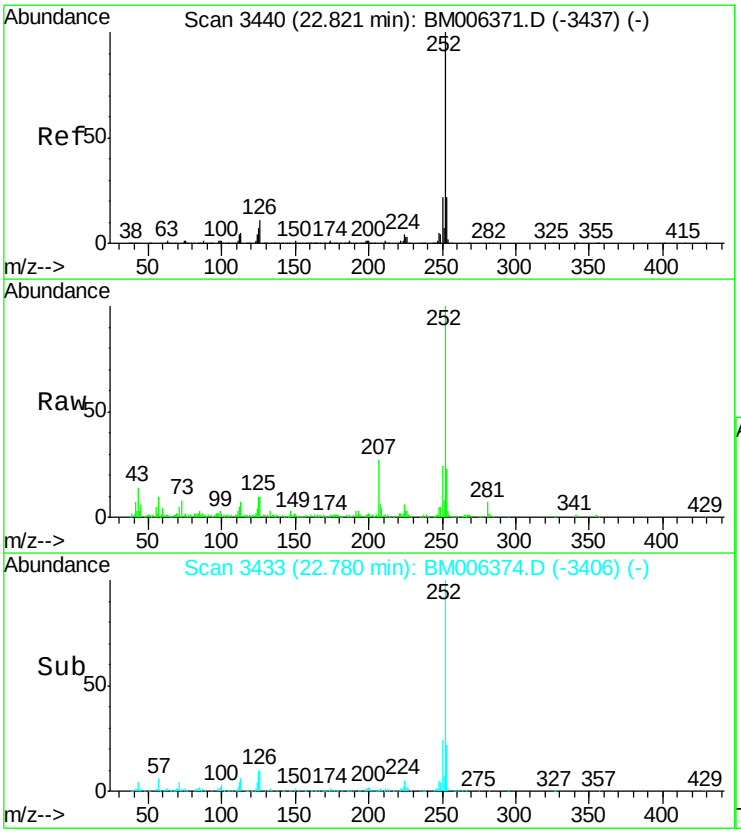
#85
Benzo(b)fluoranthene
Concen: 5.28 ng/ul
RT: 22.78 min Scan# 3433
Delta R.T. 0.00 min
Lab File: BM006374.D
Acq: 09 Jul 2016 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 273201

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	10.1	6.7	10.1

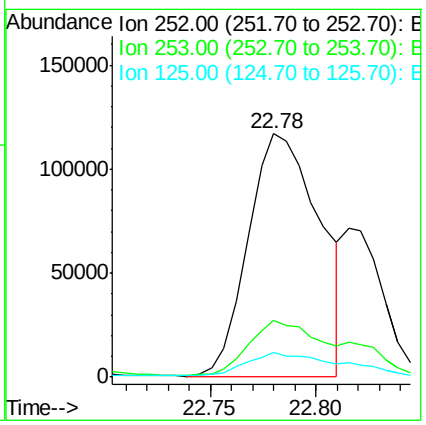


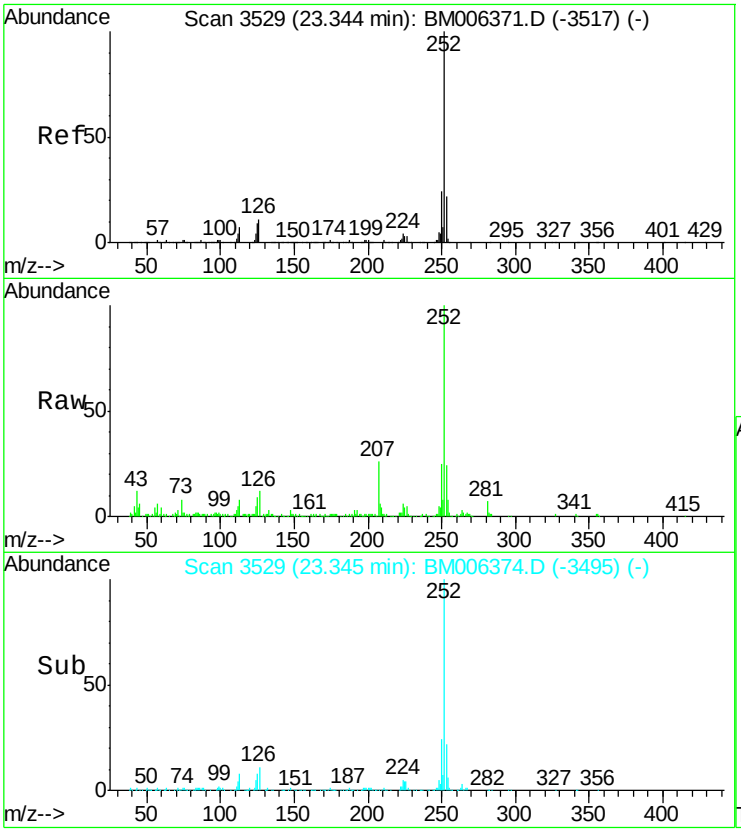


#86
Benzo(k)fluoranthene
Concen: 5.68 ng/ul
RT: 22.78 min Scan# 3433
Delta R.T. -0.04 min
Lab File: BM006374.D
Acq: 09 Jul 2016 12:27

Tgt Ion:252 Resp: 273201

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	10.1	7.0	10.4



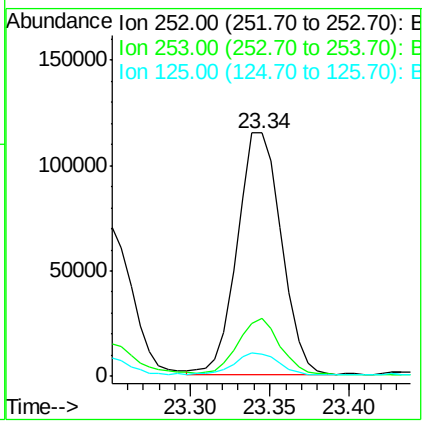


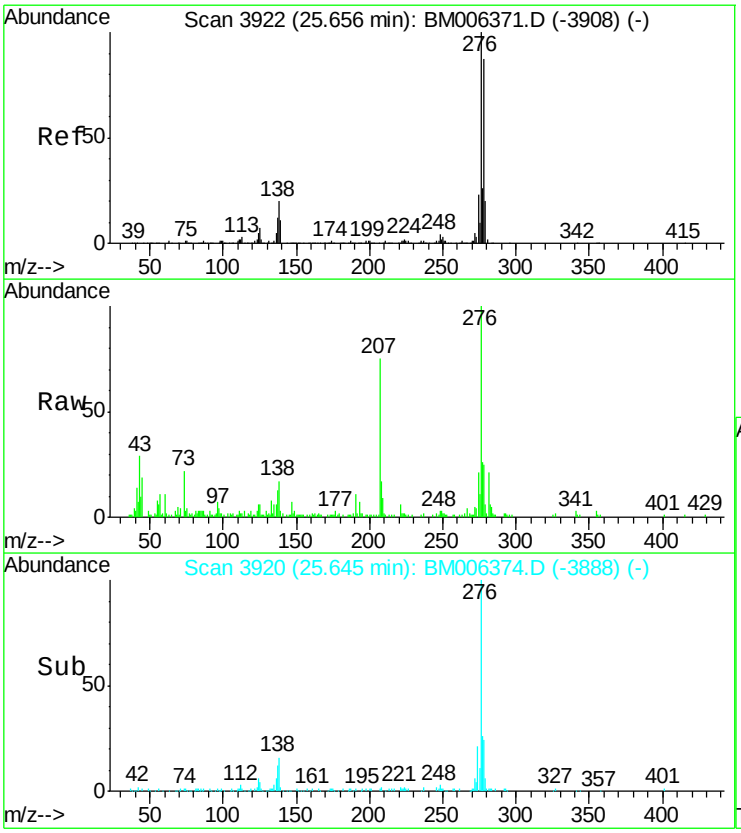
#88
Benzo(a)pyrene
Concen: 4.41 ng/ul
RT: 23.34 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BM006374.D
Acq: 09 Jul 2016 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 220778

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	8.9	7.6	11.4

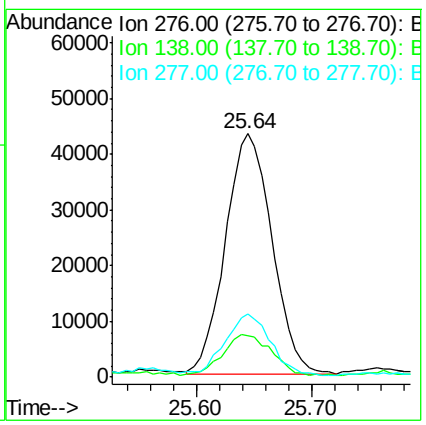


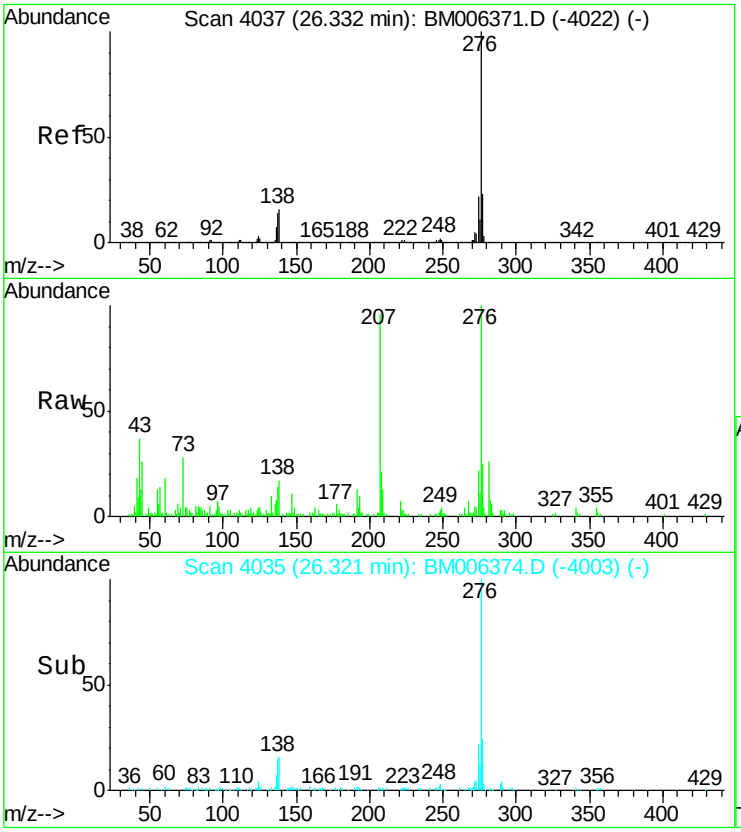


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.11 ng/ul
RT: 25.64 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BM006374.D
Acq: 09 Jul 2016 12:27

Tgt Ion:276 Resp: 121014

Ion	Ratio	Lower	Upper
276	100		
138	17.0	17.8	26.6#
277	26.2	20.1	30.1





#91
Benzo(g,h,i)perylene
Concen: 2.05 ng/ul
RT: 26.32 min Scan# 4035
Delta R.T. -0.01 min
Lab File: BM006374.D
Acq: 09 Jul 2016 12:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 101215

Ion	Ratio	Lower	Upper
276	100		
138	16.8	15.0	22.4
277	24.6	19.0	28.4