Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
Data File : BM008389.D
Acq On : 17 Dec 2016 00:39
Operator : UM/SJ
Sample : H5937-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8G5DL

Quant Time: Dec 17 03:23:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 03:19:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	109064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	421723	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	267493	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	540011	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	727783	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	771692	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	968	0.42	ng/uL	0.00
5) Phenol-d5	6.90	99	13642	1.61	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	7.03	67	8609	1.77	ng/ul	0.02
9) 2-Chlorophenol-d4	7.22	132	11837	1.86	ng/ul	0.02
13) 4-Methylphenol-d8	8.43	113	5016	0.77	ng/ul	0.05
19) Nitrobenzene-d5	8.86	128	4003	1.31	ng/ul	0.04
22) 2-Nitrophenol-d4	9.57	143	2929	0.87	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.20	165	5697	0.92	ng/ul	0.12
29) 4-Chloroaniline-d4	10.73	131	2351	0.33	ng/ul	0.14
43) Dimethylphthalate-d6	13.74	166	46406	2.61	ng/ul	0.02
46) Acenaphthylene-d8	14.00	160	59144	2.81	ng/ul	0.01
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.32	176	46494	3.01	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.52	200	1686	0.52	ng/ul	0.06
70) Anthracene-d10	17.16	188	72539	3.08	ng/ul	0.00
76) Pyrene-d10	19.46	212	91855	3.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	103212	3.19	ng/ul	0.00
Target Compounds						Qvalue
69) Phenanthrene	17.10	178	345232	12.48	ng/ul	99
71) Anthracene	17.10	178	345232	12.29	ng/ul	98
72) Carbazole	17.49	167	59379	2.40	ng/ul	98
74) Fluoranthene	19.12	202	1068340	31.43	ng/ul	99
77) Pyrene	19.49	202	892731	24.98	ng/ul	99
80) Benzo(a)anthracene	21.24	228	361948	9.62	ng/ul	98
82) Chrysene	21.29	228	544327	15.05	ng/ul	98
85) Benzo(b)fluoranthene	22.82	252	799691	19.20	ng/ul	98
86) Benzo(k)fluoranthene	22.82	252	799691	20.06	ng/ul	100
88) Benzo(a)pyrene	23.39	252	392289	9.77	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.71	276	403547	8.28	ng/ul	97
90) Dibenzo(a,h)anthracene	25.71	278	92200	2.25	ng/ul#	83
91) Benzo(g,h,i)perylene	26.40	276	405442	9.95	ng/ul	98

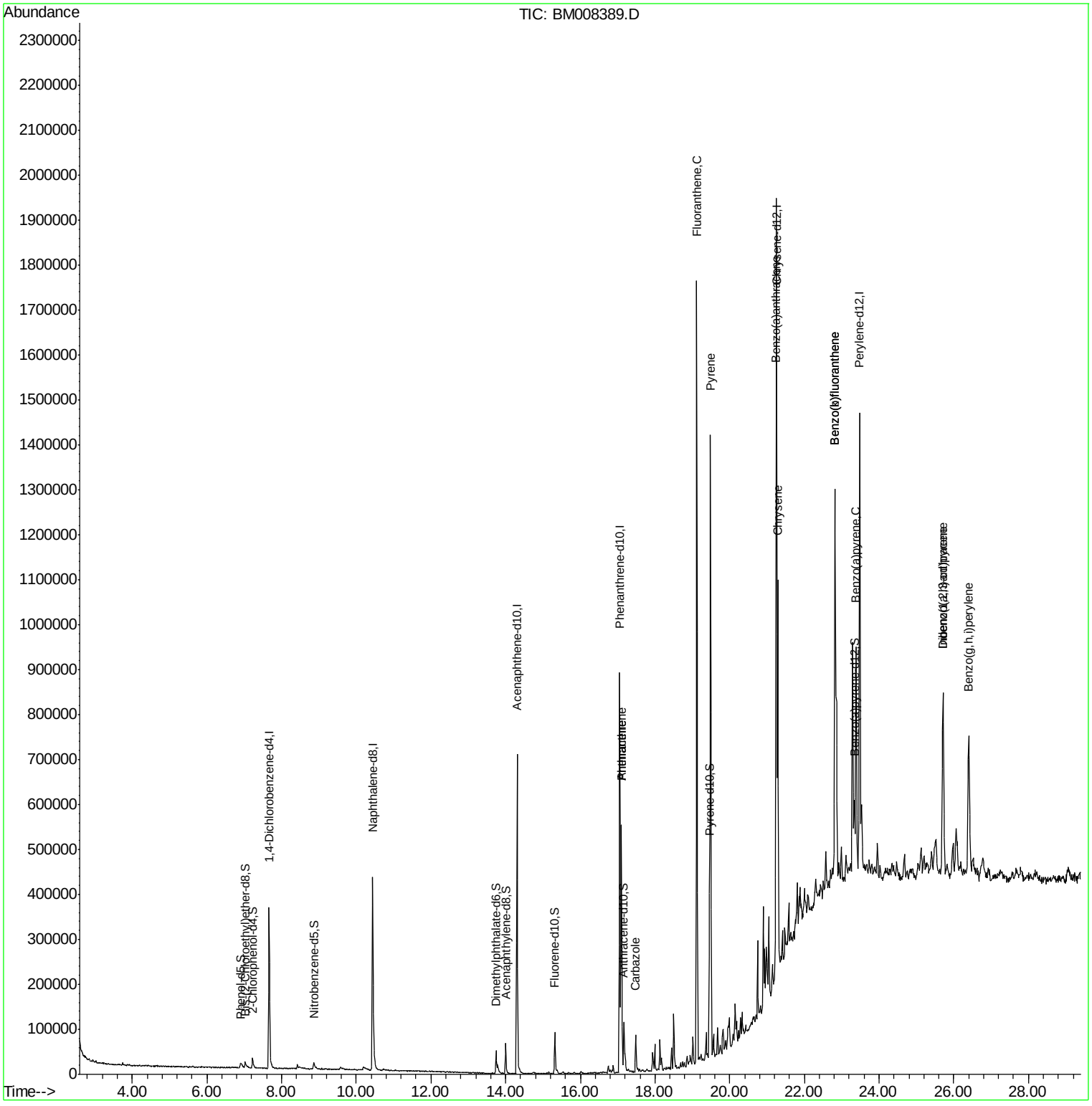
(#) = qualifier out of range (m) = manual integration (+) = signals summed

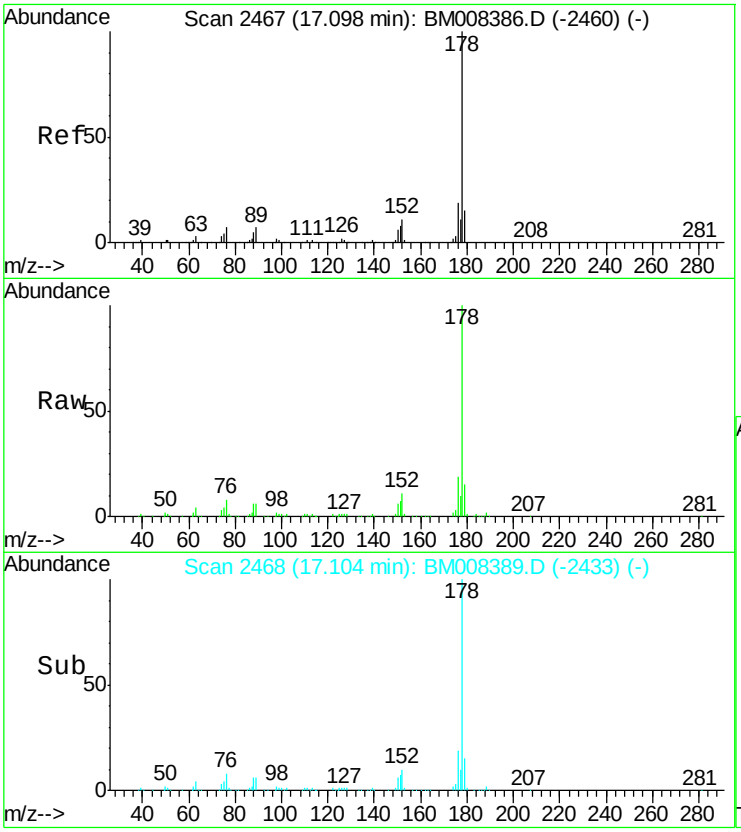
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121716\
Data File : BM008389.D
Acq On : 17 Dec 2016 00:39
Operator : UM/SJ
Sample : H5937-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8G5DL

Quant Time: Dec 17 03:23:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 03:19:37 2016
Response via : Initial Calibration



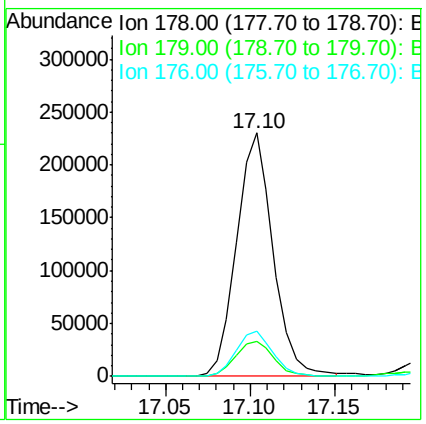


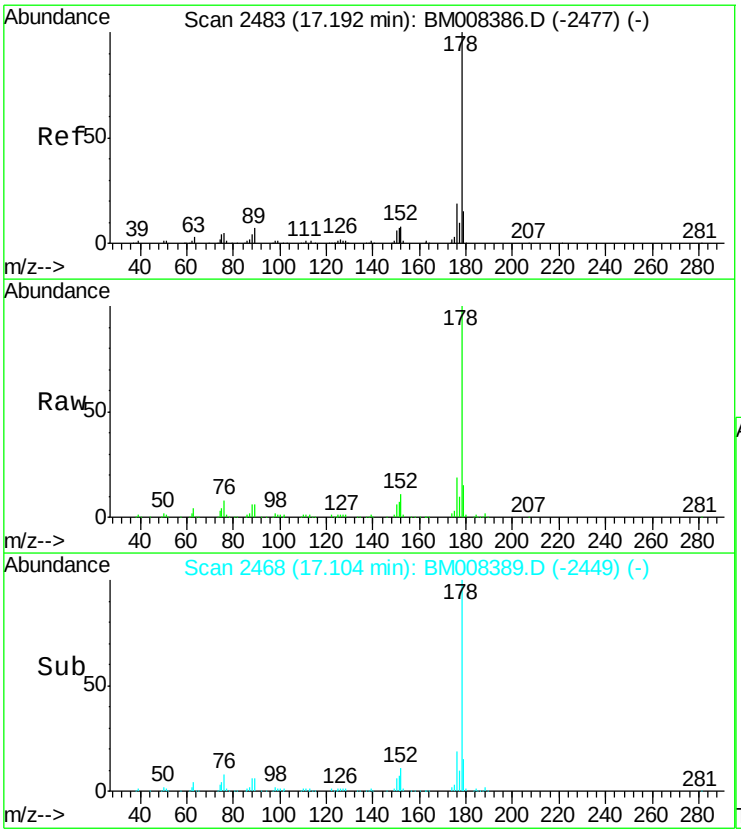
#69
Phenanthrene
Concen: 12.48 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BM008389.D
Acq: 17 Dec 2016 00:39

Instrument :
BNA_M
ClientSampleId :
DA8G5DL

Tgt Ion:178 Resp: 345232

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.0	18.0
176	18.8	14.6	21.8

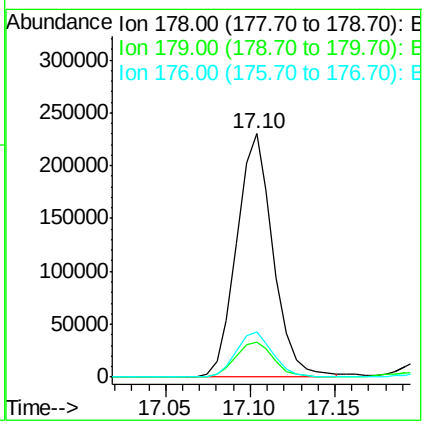


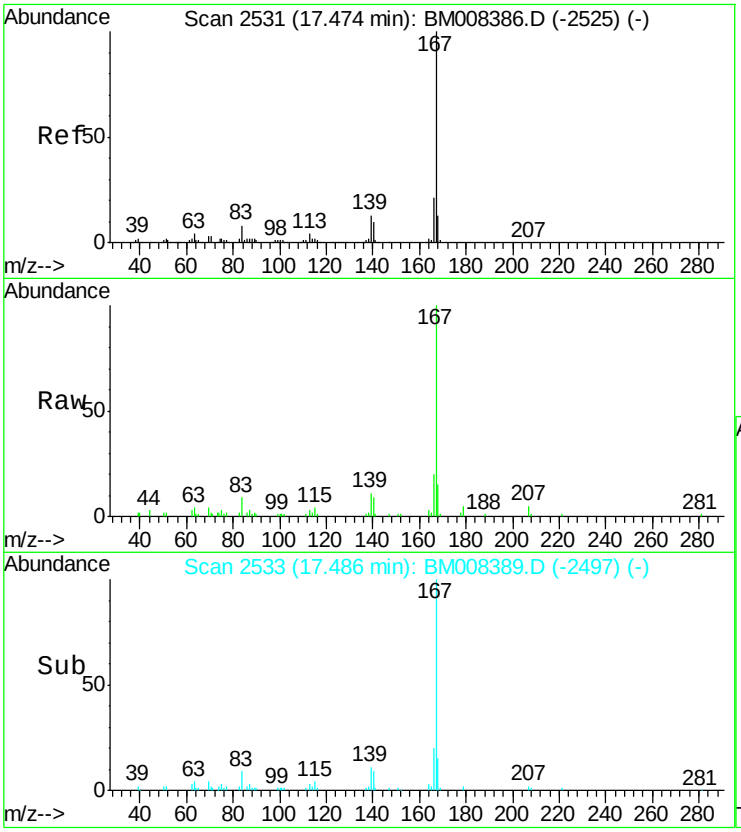


#71
Anthracene
Concen: 12.29 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. -0.09 min
Lab File: BM008389.D
Acq: 17 Dec 2016 00:39

Tgt Ion:178 Resp: 345232

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.1	18.1
176	18.8	14.3	21.5



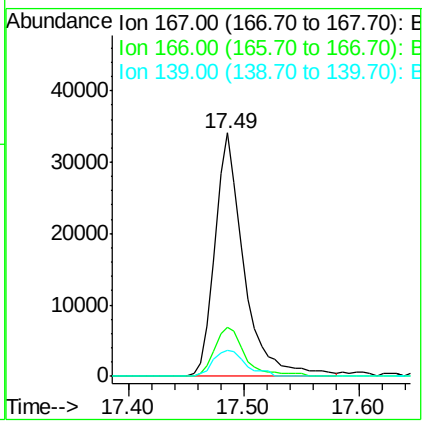


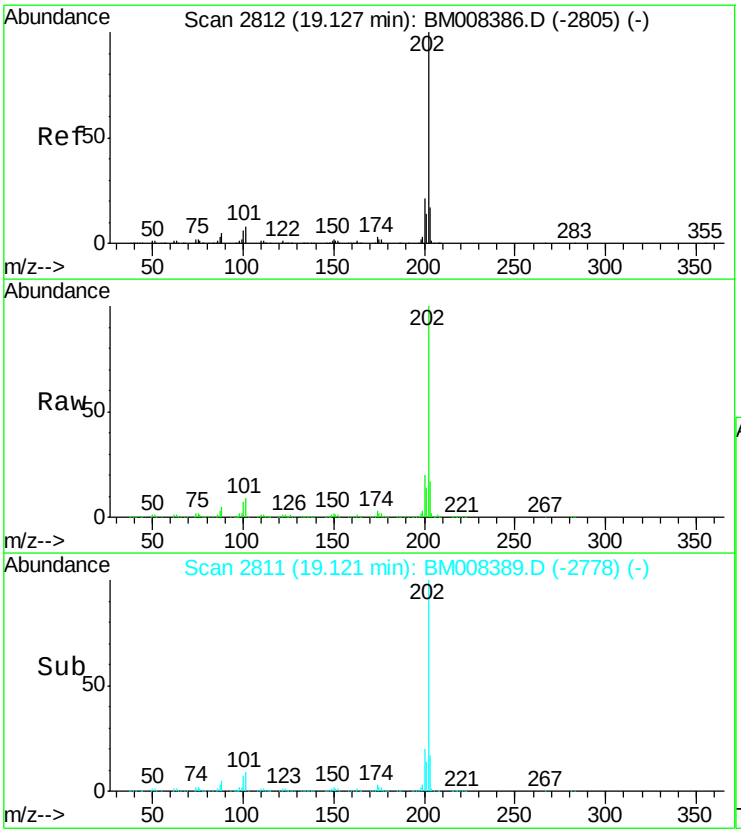
#72
Carbazole
Concen: 2.40 ng/ul
RT: 17.49 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BM008389.D
Acq: 17 Dec 2016 00:39

Instrument :
BNA_M
ClientSampleId :
DA8G5DL

Tgt Ion:167 Resp: 59379

Ion	Ratio	Lower	Upper
167	100		
166	20.4	16.4	24.6
139	10.6	10.2	15.4

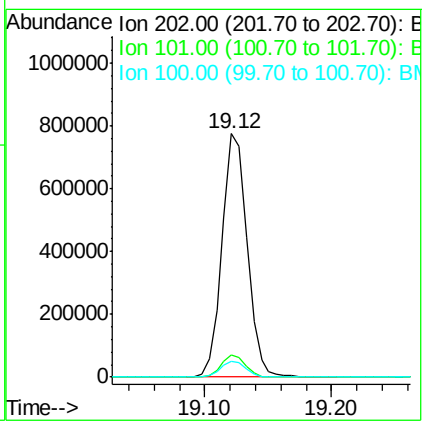


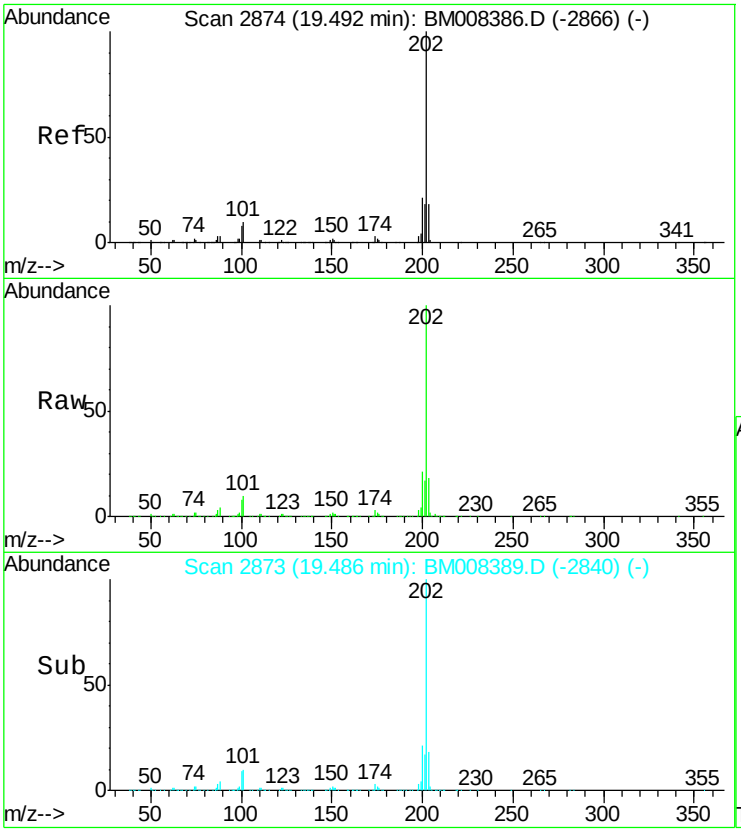


#74
Fluoranthene
Concen: 31.43 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BM008389.D
Acq: 17 Dec 2016 00:39

Tgt Ion:202 Resp: 1068340

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.6	10.0
100	6.7	5.3	7.9



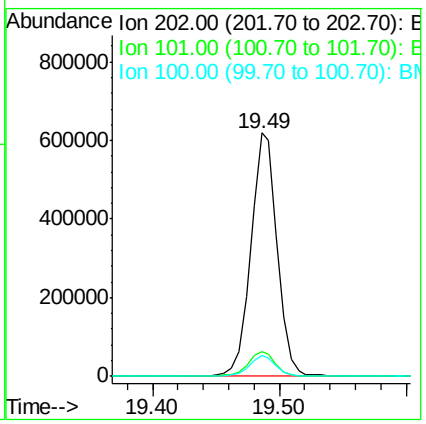


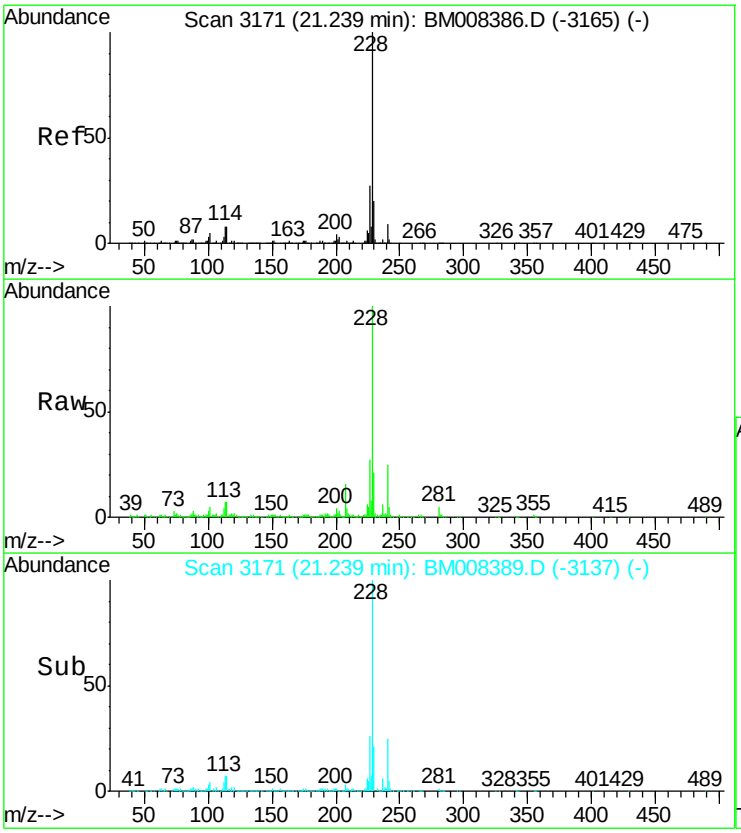
#77
Pyrene
Concen: 24.98 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BM008389.D
Acq: 17 Dec 2016 00:39

Instrument :
BNA_M
ClientSampleId :
DA8G5DL

Tgt Ion:202 Resp: 892731

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.2	12.4
100	8.5	7.0	10.6

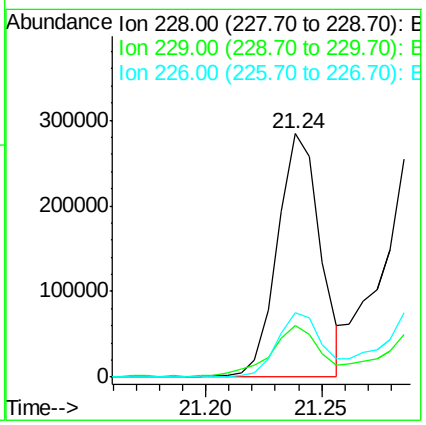


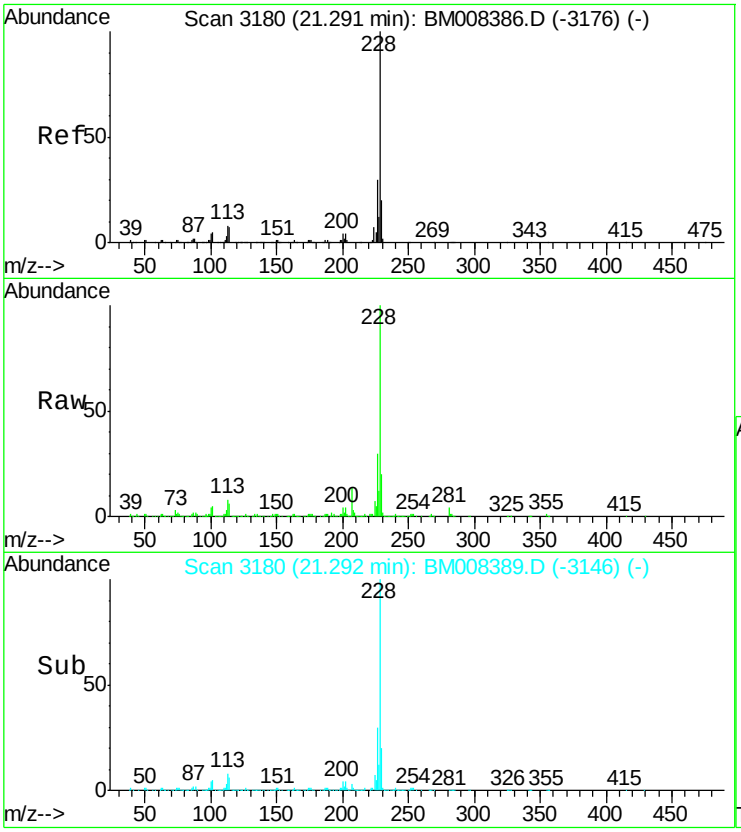


#80
Benzo(a)anthracene
Concen: 9.62 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM008389.D
Acq: 17 Dec 2016 00:39

Tgt Ion:228 Resp: 361948

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.2
226	26.7	21.2	31.8



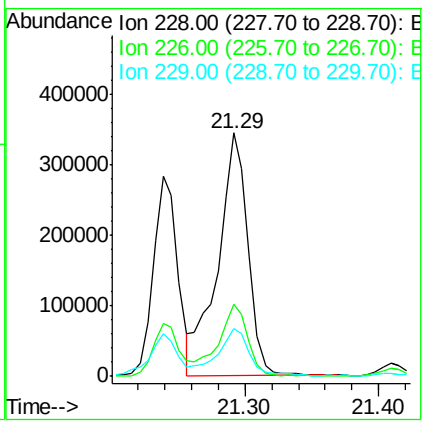


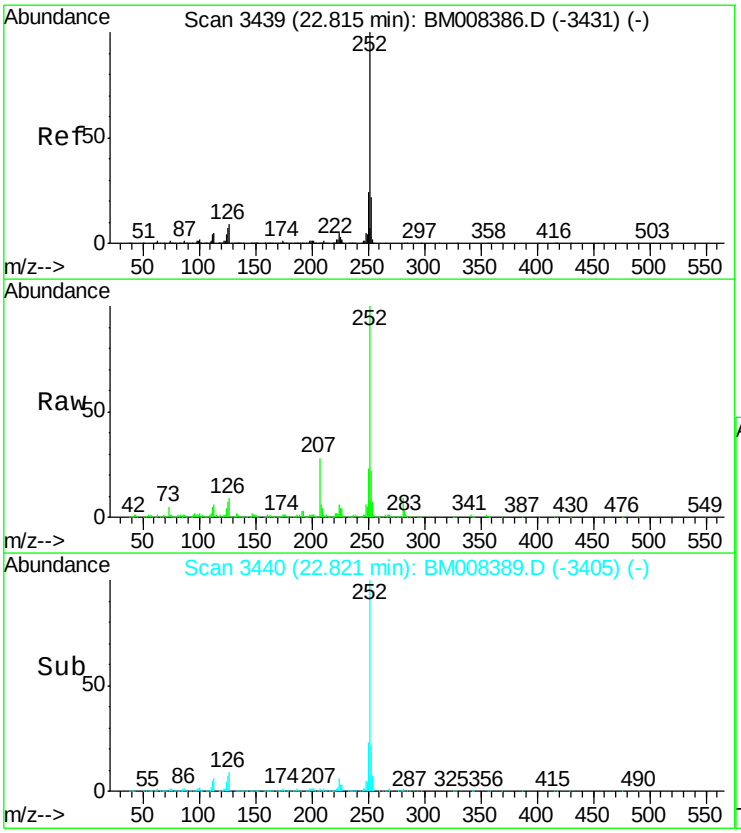
#82
Chrysene
Concen: 15.05 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BM008389.D
Acq: 17 Dec 2016 00:39

Instrument :
BNA_M
ClientSampleId :
DA8G5DL

Tgt Ion:228 Resp: 544327

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.1	34.7
229	19.8	15.4	23.2

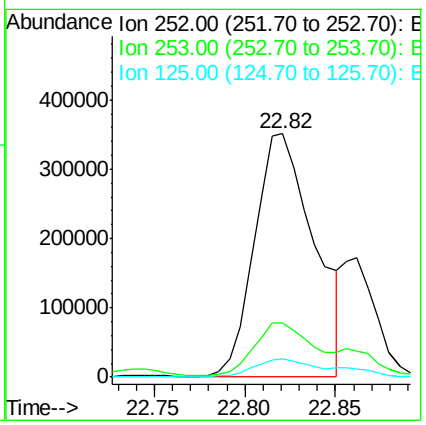


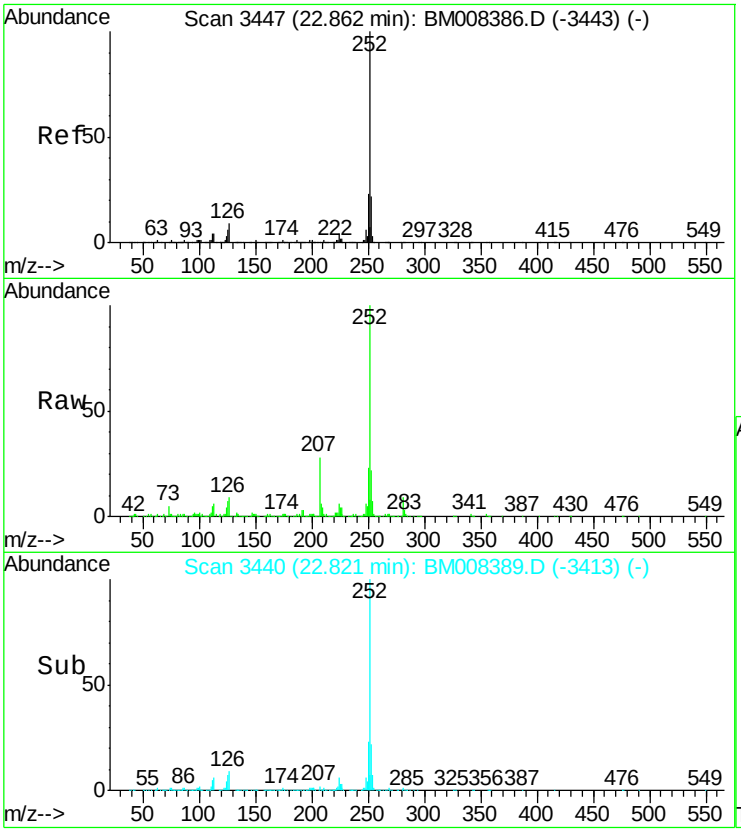


#85
Benzo(b)fluoranthene
Concen: 19.20 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BM008389.D
Acq: 17 Dec 2016 00:39

Tgt Ion:252 Resp: 799691

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	7.3	5.4	8.2



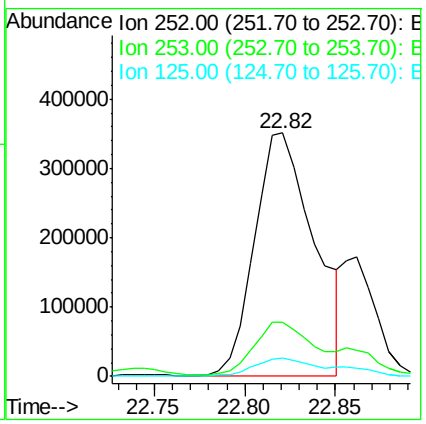


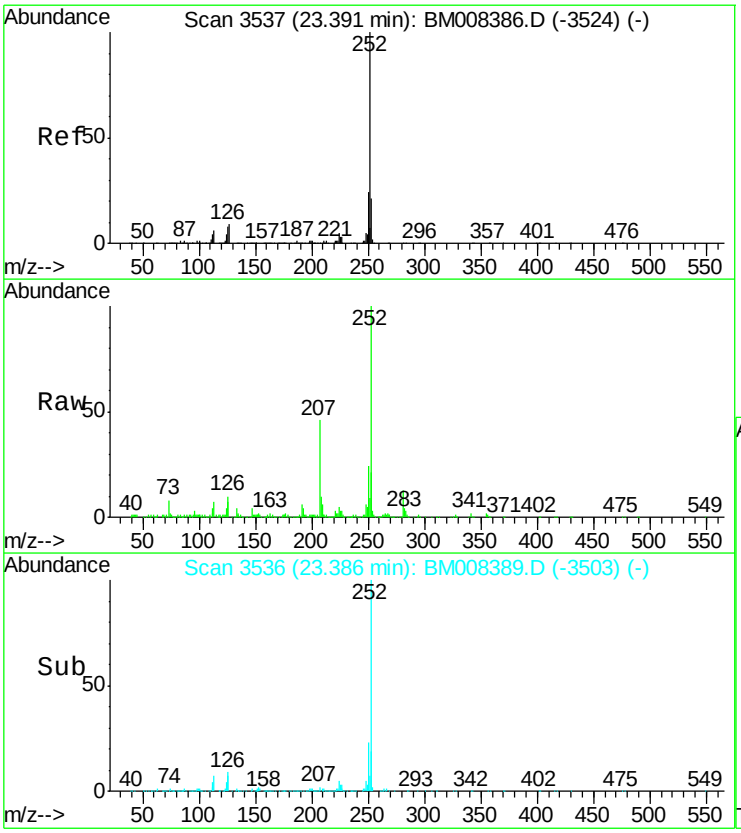
#86
Benzo(k)fluoranthene
Concen: 20.06 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. -0.04 min
Lab File: BM008389.D
Acq: 17 Dec 2016 00:39

Instrument :
BNA_M
ClientSampleId :
DA8G5DL

Tgt Ion:252 Resp: 799691

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	7.3	5.8	8.6

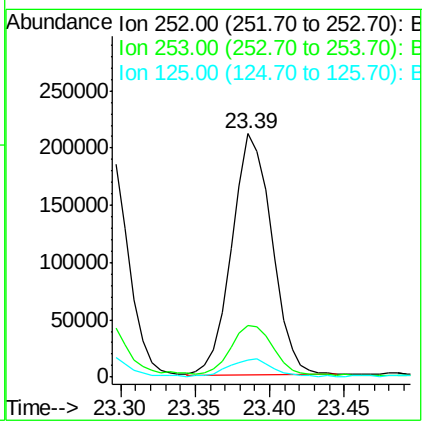


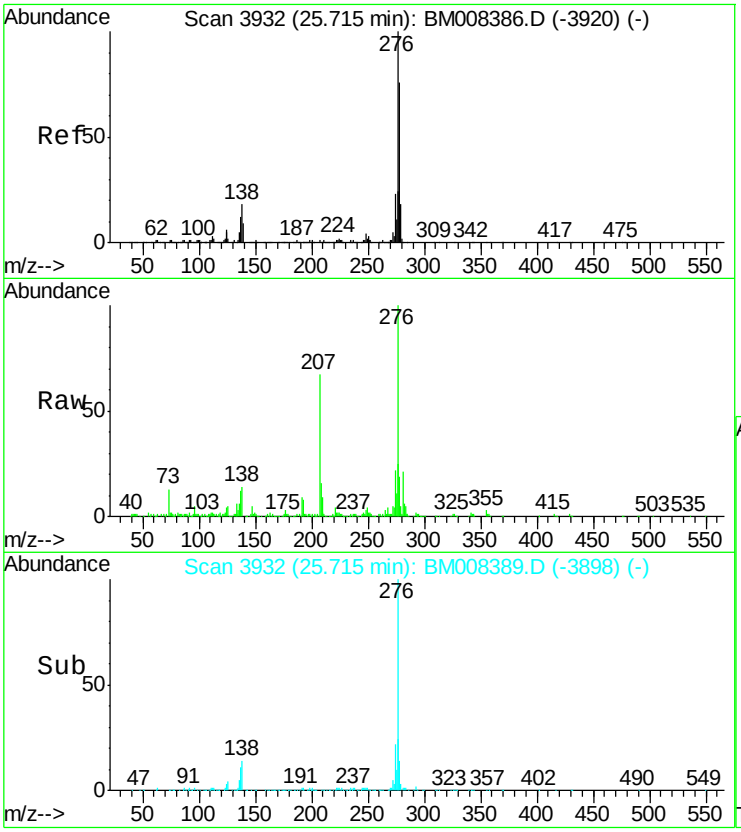


#88
Benzo(a)pyrene
Concen: 9.77 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BM008389.D
Acq: 17 Dec 2016 00:39

Tgt Ion:252 Resp: 392289

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	7.2	6.6	9.8



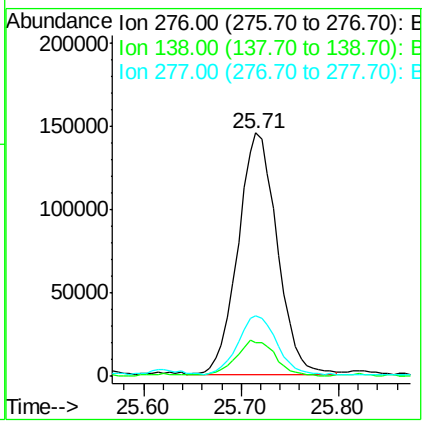


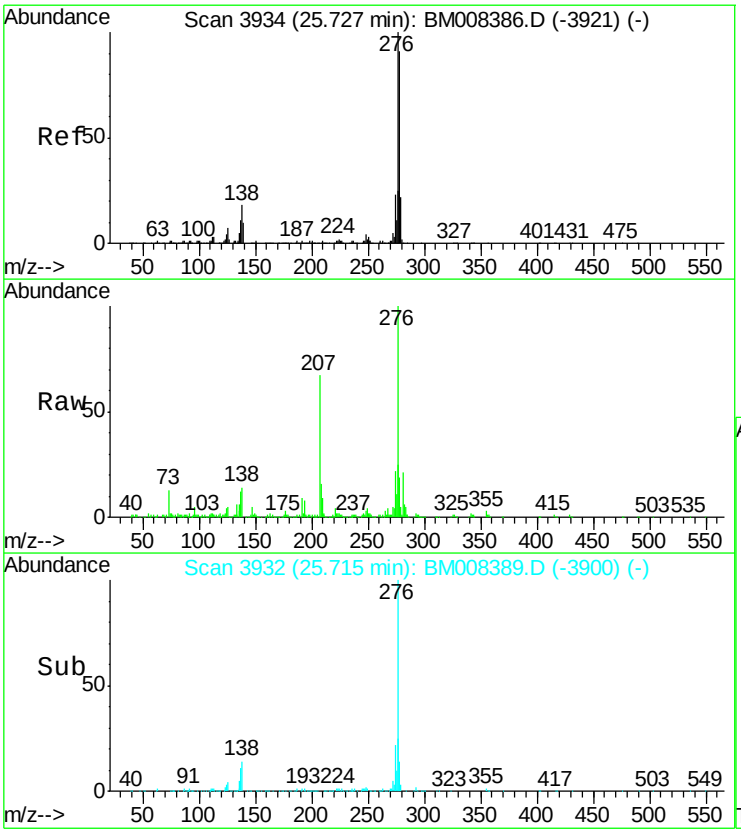
#89
Indeno(1,2,3-cd)pyrene
Concen: 8.28 ng/ul
RT: 25.71 min Scan# 3932
Delta R.T. 0.00 min
Lab File: BM008389.D
Acq: 17 Dec 2016 00:39

Instrument :
BNA_M
ClientSampleId :
DA8G5DL

Tgt Ion:276 Resp: 403547

Ion	Ratio	Lower	Upper
276	100		
138	14.0	13.4	20.2
277	24.8	19.7	29.5

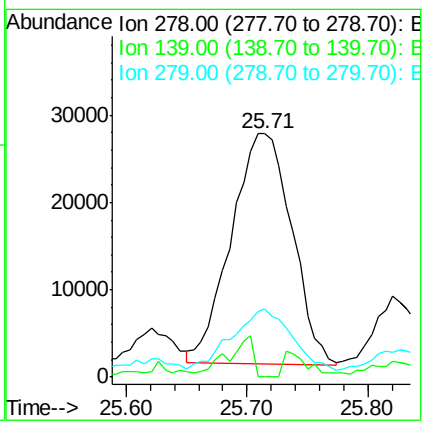


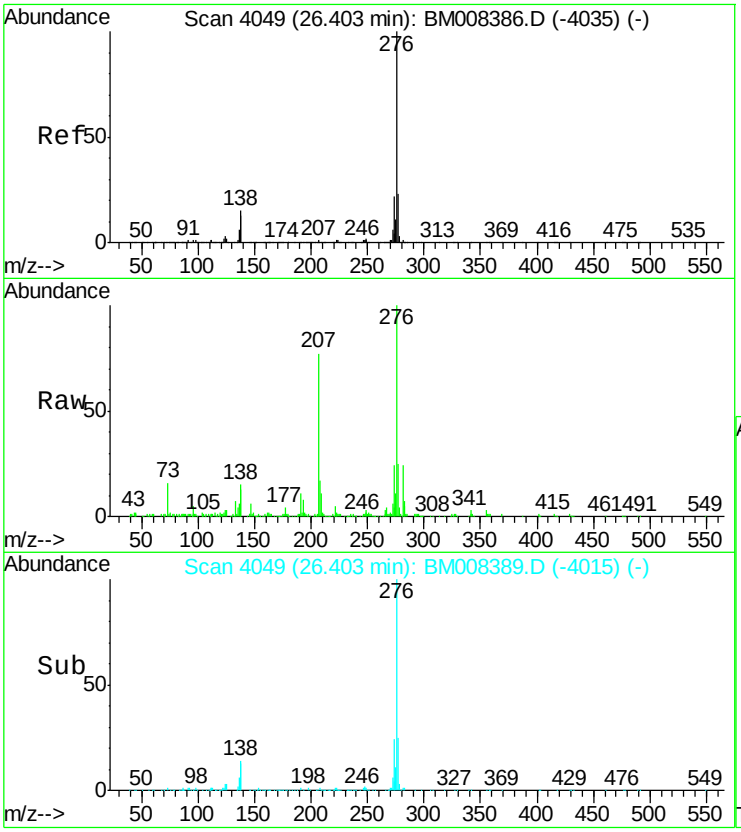


#90
Dibenzo(a,h)anthracene
Concen: 2.25 ng/ul
RT: 25.71 min Scan# 3932
Delta R.T. -0.01 min
Lab File: BM008389.D
Acq: 17 Dec 2016 00:39

Tgt Ion:278 Resp: 92200

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.0#
279	28.1	18.6	28.0#





#91
Benzo(g,h,i)perylene
Concen: 9.95 ng/ul
RT: 26.40 min Scan# 4049
Delta R.T. 0.00 min
Lab File: BM008389.D
Acq: 17 Dec 2016 00:39

Instrument :
BNA_M
ClientSampleId :
DA8G5DL

Tgt Ion:276 Resp: 405442

Ion	Ratio	Lower	Upper
276	100		
138	14.5	12.0	18.0
277	25.1	19.4	29.0