Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060716\
Data File : BM005700.D
Acq On : 07 Jun 2016 19:49
Operator : UM/SJ
Sample : H3411-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XR7

Quant Time: Jun 08 01:26:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 08 01:24:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	117591	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	567952	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	322948	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	708161	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	634699	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	514623	20.00	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	3772	1.35	ng/uL	0.00
3) Phenol-d5	6.93	99	146015	14.12	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	112504	17.88	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	134518	15.77	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	88081	10.77	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	76263	17.49	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	84883	18.19	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	133105	16.05	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	144184	14.63	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	455535	18.35	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	590888	18.30	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	31199	8.78	ng/ul	0.00
21) Fluorene-d10	15.39	176	409387	19.20	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	35808	10.74	ng/ul	0.00
26) Anthracene-d10	17.24	188	626381	18.63	ng/ul	0.00
30) Pyrene-d10	19.54	212	661403	20.73	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	435399	18.38	ng/ul	0.00
Target Compounds						Qvalue
18) Acenaphthylene	14.12	152	35062	1.05	ng/ul	98
25) Phenanthrene	17.19	178	190731	4.88	ng/ul	98
27) Anthracene	17.27	178	41091	1.03	ng/ul	99
28) Fluoranthene	19.20	202	430437	10.77	ng/ul	99
31) Pyrene	19.57	202	385648	9.63	ng/ul	97
32) Benzo(a)anthracene	21.31	228	215730	5.80	ng/ul	97
33) Chrysene	21.36	228	224654	6.39	ng/ul	97
35) Benzo(b)fluoranthene	22.91	252	323177	10.41	ng/ul#	98
36) Benzo(k)fluoranthene	22.91	252	323177	11.10	ng/ul#	97
38) Benzo(a)pyrene	23.49	252	183408	6.14	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	25.87	276	134940	3.82	ng/ul	95
40) Dibenzo(a,h)anthracene	25.87	278	37707	1.27	ng/ul#	79
41) Benzo(g,h,i)perylene	26.58	276	134329	4.53	ng/ul#	94

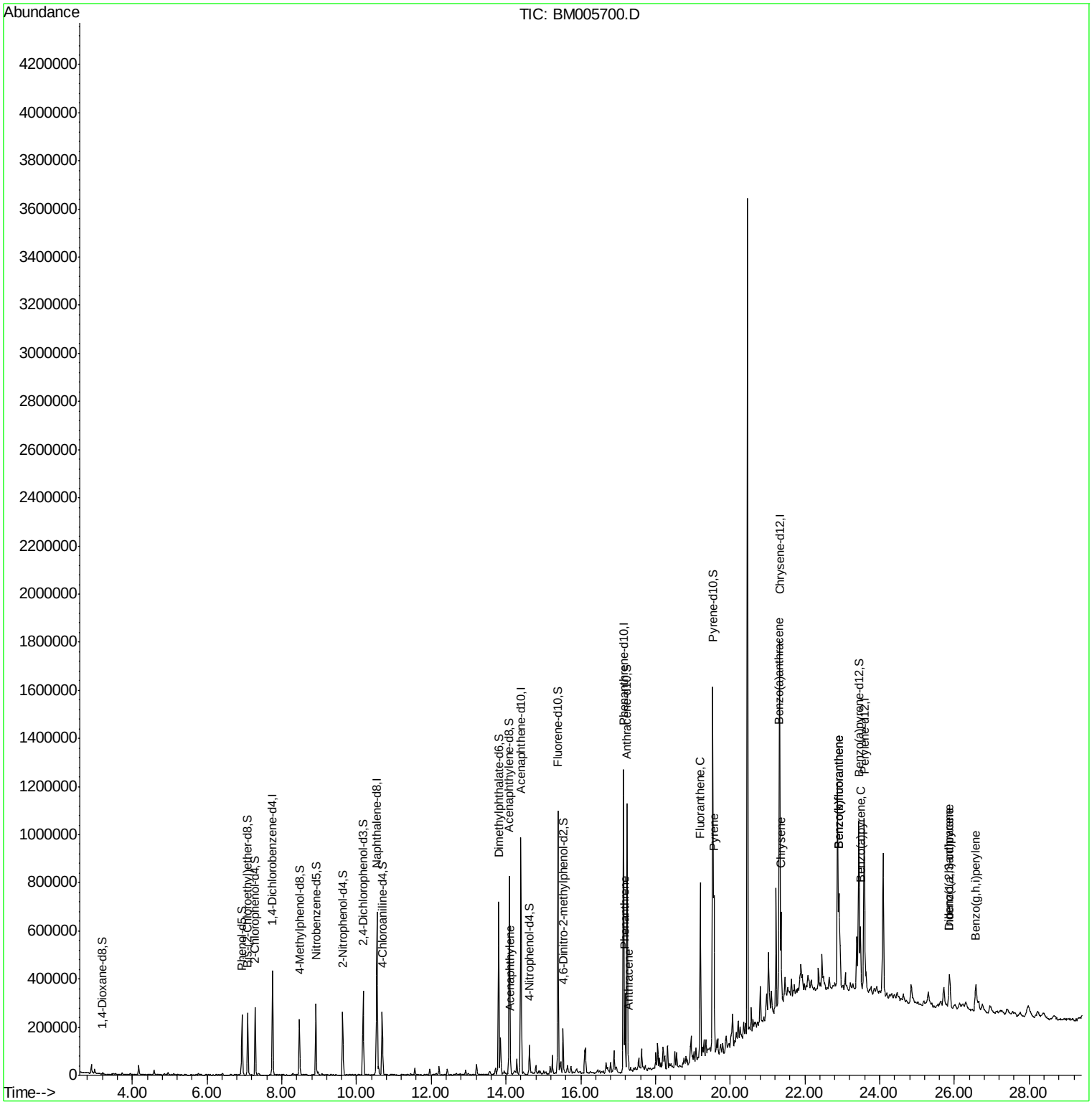
(#) = qualifier out of range (m) = manual integration (+) = signals summed

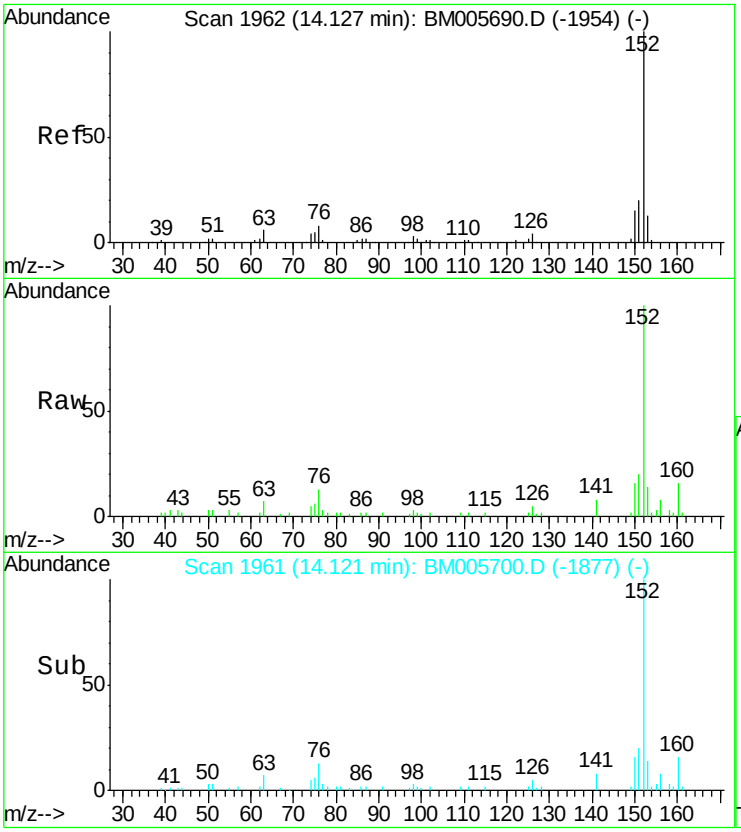
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060716\
Data File : BM005700.D
Acq On : 07 Jun 2016 19:49
Operator : UM/SJ
Sample : H3411-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XR7

Quant Time: Jun 08 01:26:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 08 01:24:32 2016
Response via : Initial Calibration



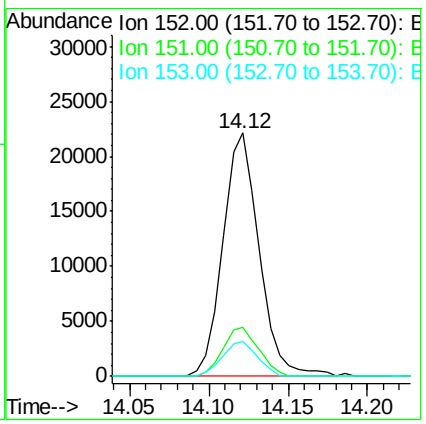


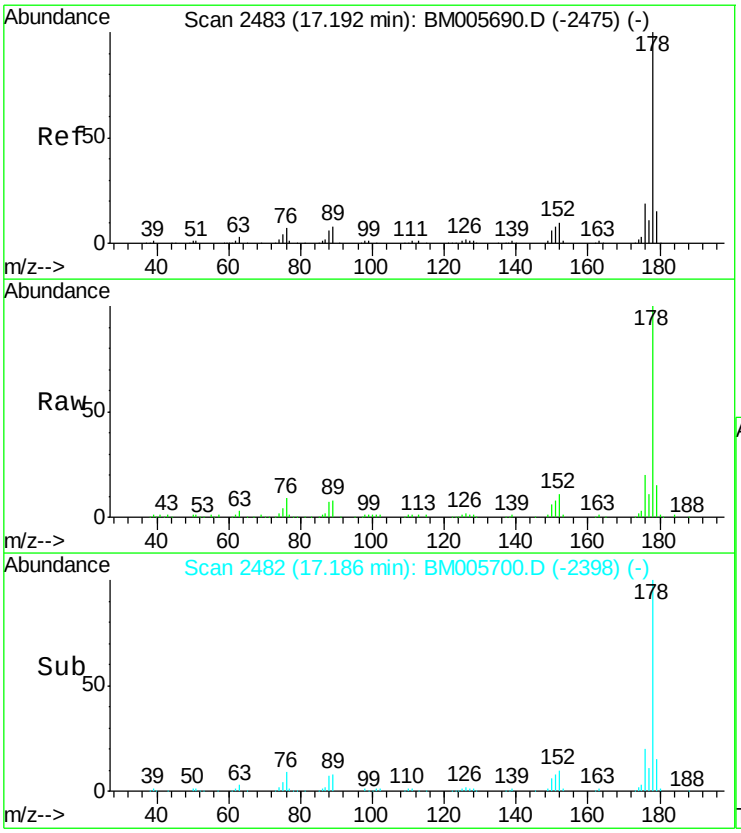
#18
Acenaphthylene
Concen: 1.05 ng/ul
RT: 14.12 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM005700.D
Acq: 07 Jun 2016 19:49

Instrument :
BNA_M
ClientSampleId :
D9XR7

Tgt Ion:152 Resp: 35062

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.3	25.9
153	14.3	11.1	16.7

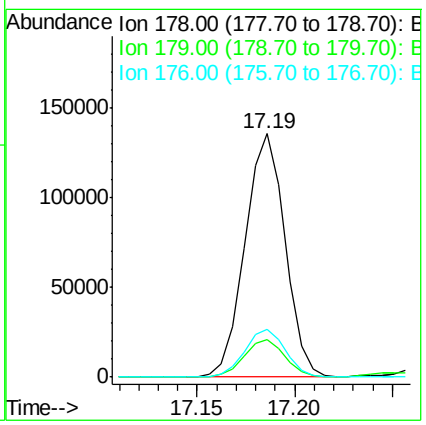


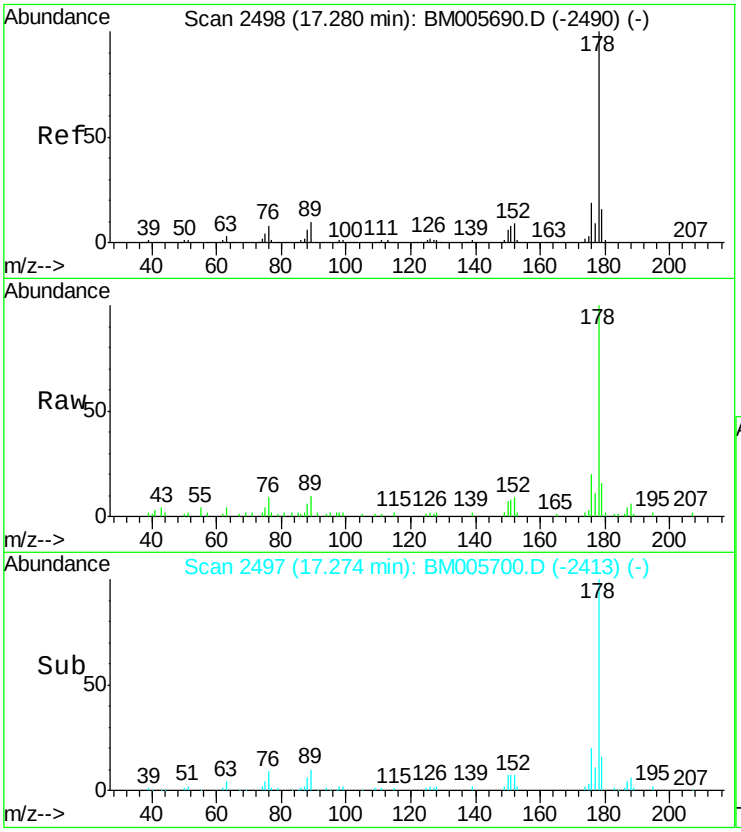


#25
Phenanthrene
Concen: 4.88 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BM005700.D
Acq: 07 Jun 2016 19:49

Tgt Ion:178 Resp: 190731

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	19.9	14.8	22.2



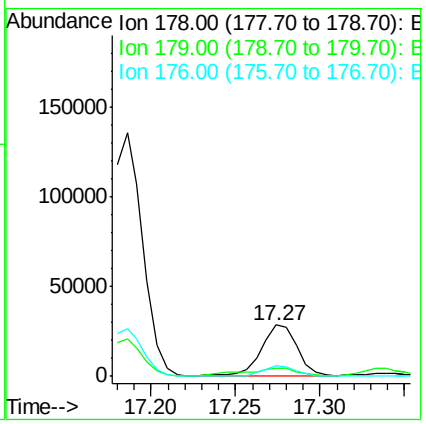


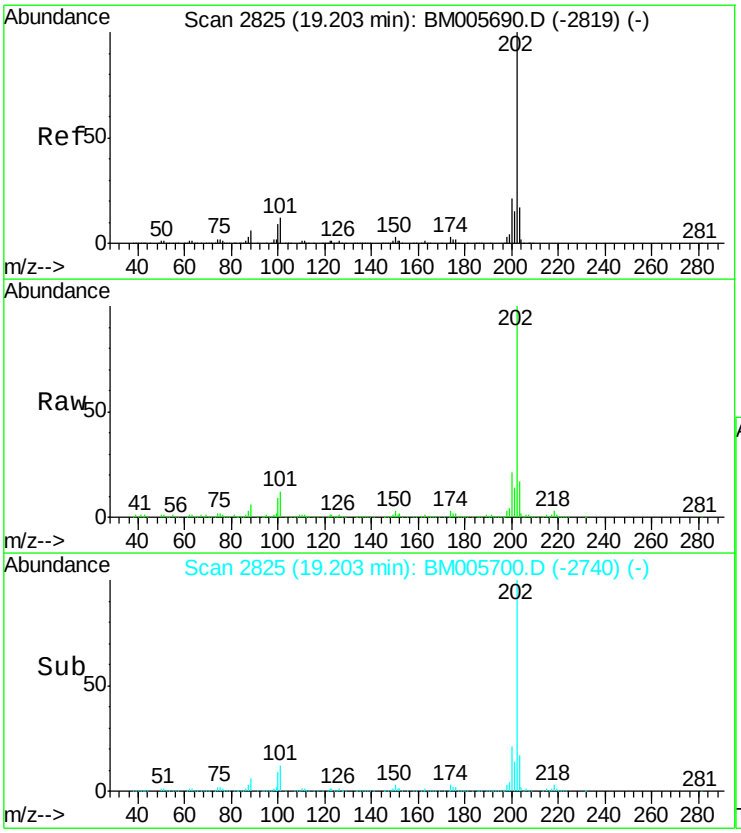
#27
Anthracene
Concen: 1.03 ng/ul
RT: 17.27 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BM005700.D
Acq: 07 Jun 2016 19:49

Instrument :
BNA_M
ClientSampleId :
D9XR7

Tgt Ion:178 Resp: 41091

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	20.0	15.6	23.4

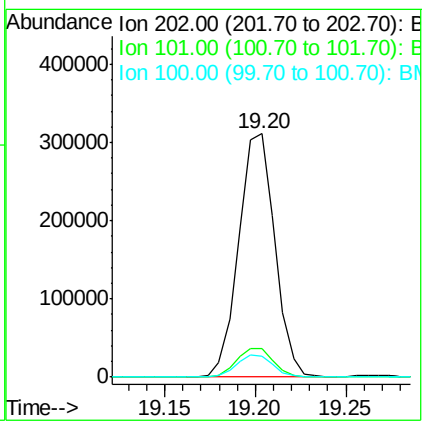


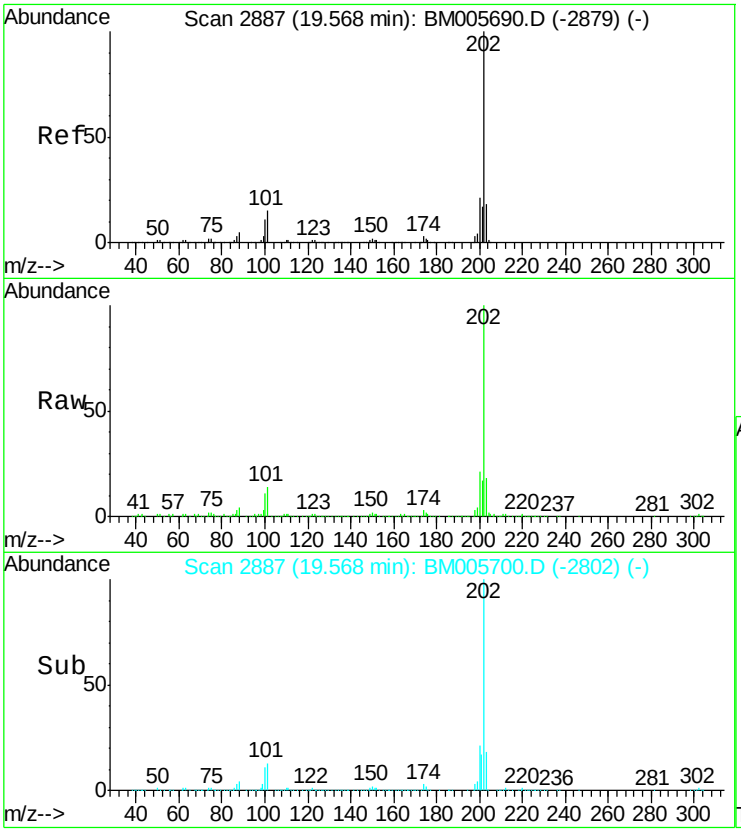


#28
Fluoranthene
Concen: 10.77 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM005700.D
Acq: 07 Jun 2016 19:49

Tgt Ion:202 Resp: 430437

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.9	13.3
100	8.5	7.0	10.4



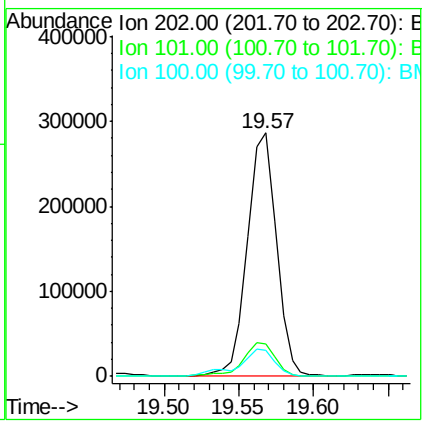


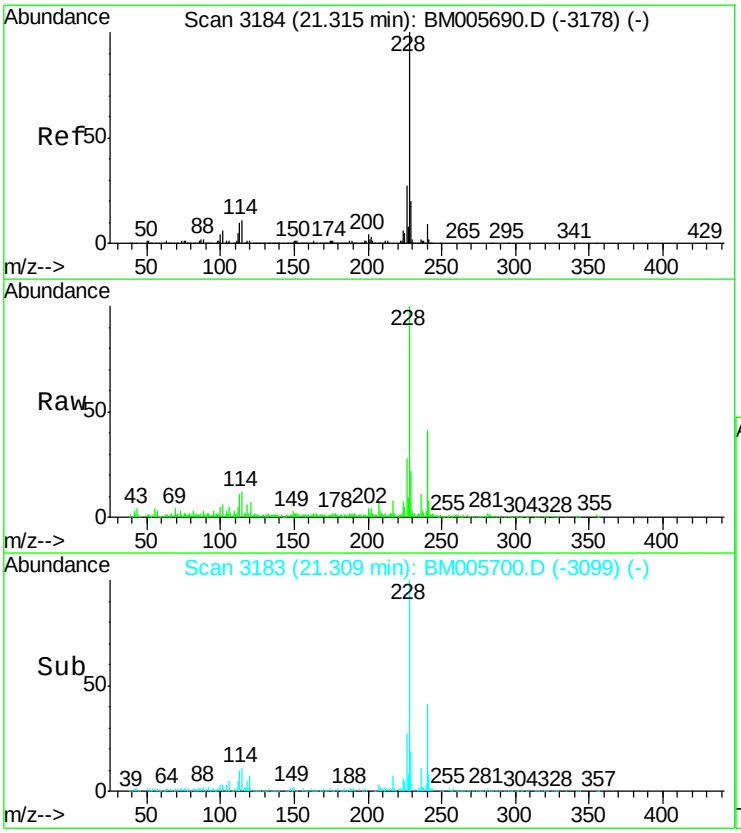
#31
Pyrene
Concen: 9.63 ng/ul
RT: 19.57 min Scan# 2887
Delta R.T. -0.00 min
Lab File: BM005700.D
Acq: 07 Jun 2016 19:49

Instrument :
BNA_M
ClientSampleId :
D9XR7

Tgt Ion:202 Resp: 385648

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.8	14.8
100	10.9	9.3	13.9

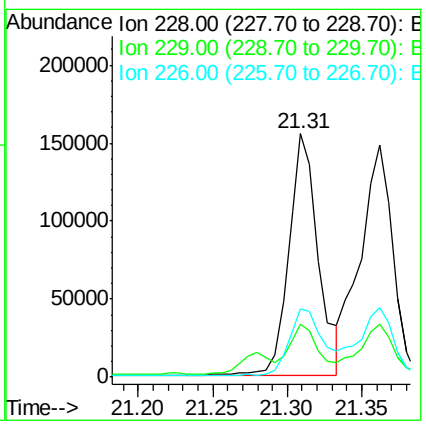


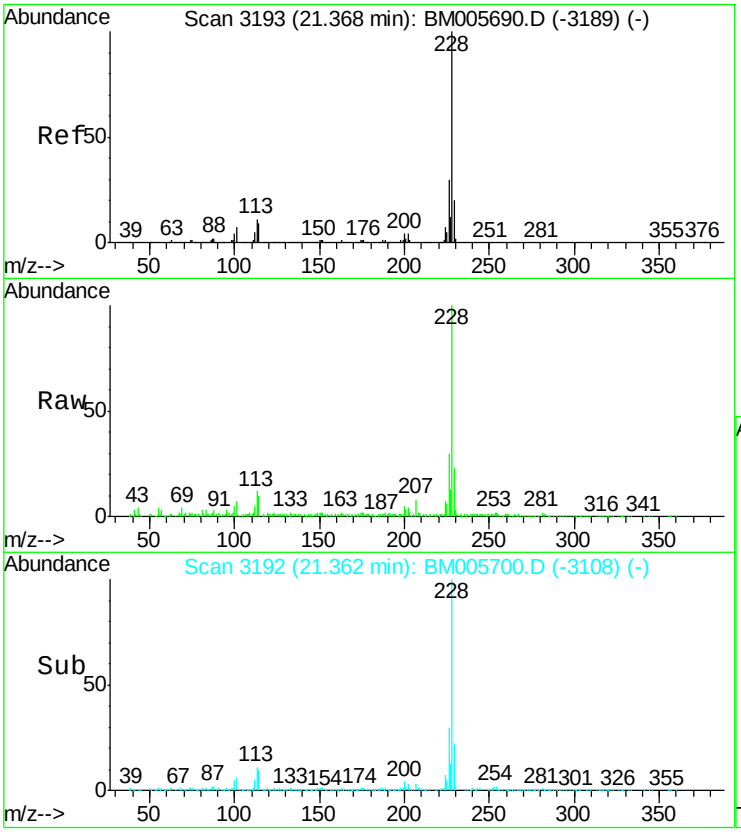


#32
Benzo(a)anthracene
Concen: 5.80 ng/ul
RT: 21.31 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BM005700.D
Acq: 07 Jun 2016 19:49

Tgt Ion:228 Resp: 215730

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.6	25.0
226	28.1	21.0	31.4



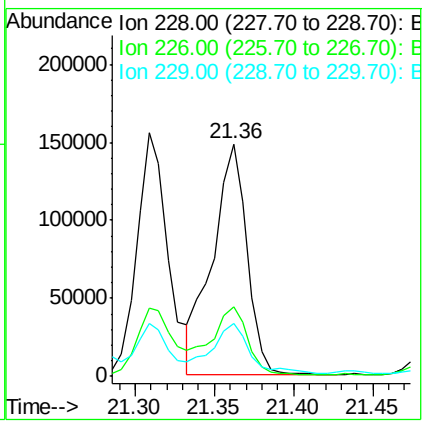


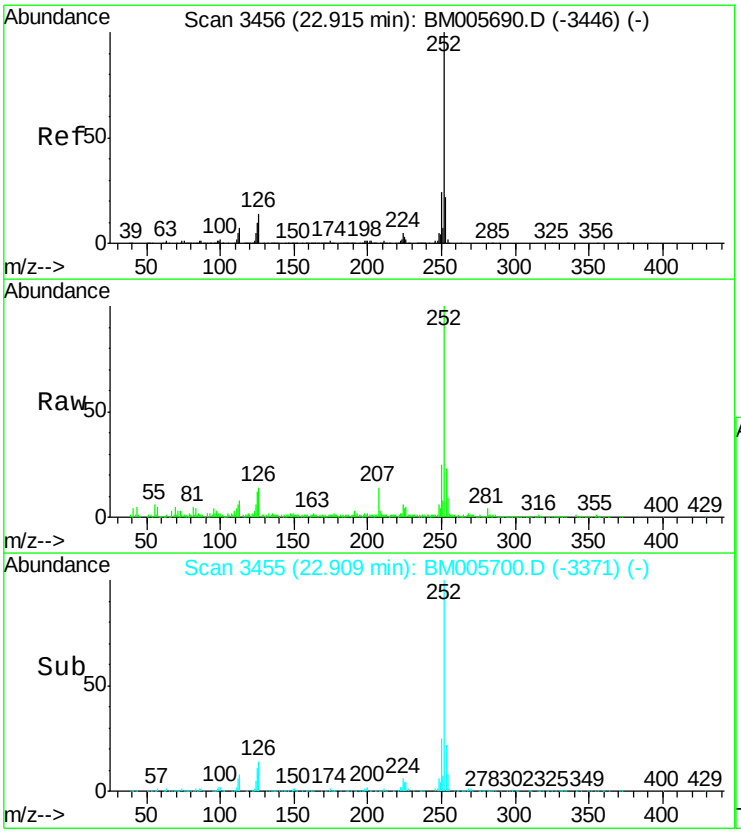
#33
Chrysene
Concen: 6.39 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BM005700.D
Acq: 07 Jun 2016 19:49

Instrument :
BNA_M
ClientSampleId :
D9XR7

Tgt Ion:228 Resp: 224654

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	23.0	16.2	24.2

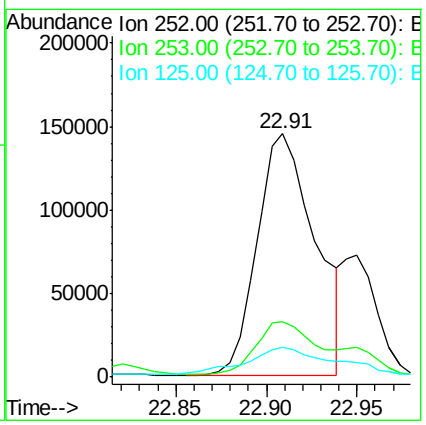


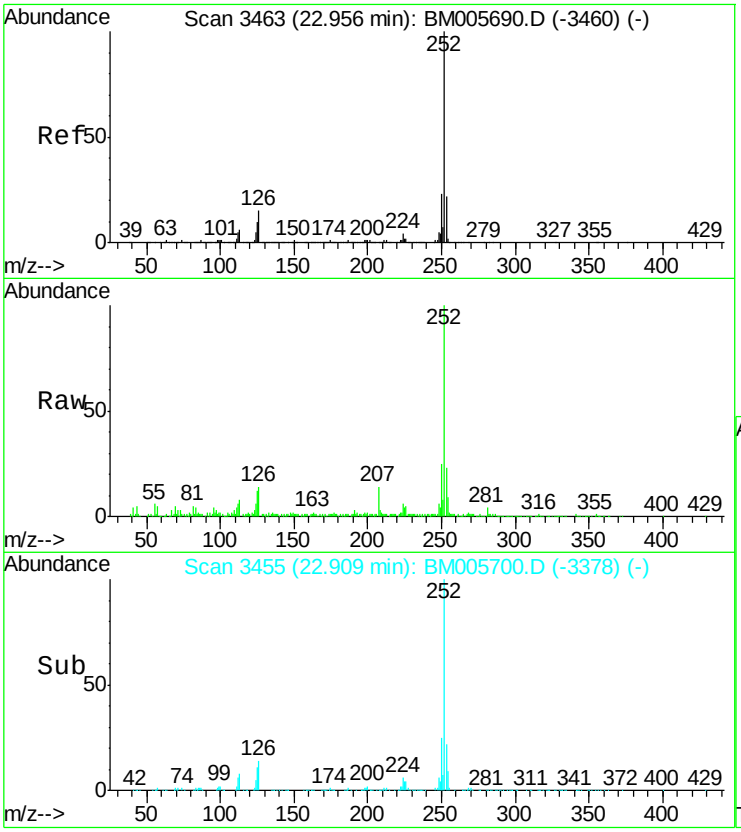


#35
Benzo(b)fluoranthene
Concen: 10.41 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM005700.D
Acq: 07 Jun 2016 19:49

Tgt Ion:252 Resp: 323177

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	12.1	7.6	11.4#



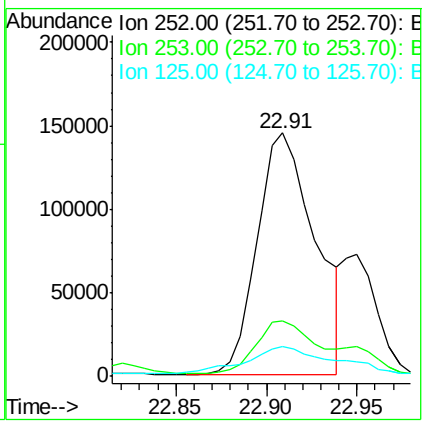


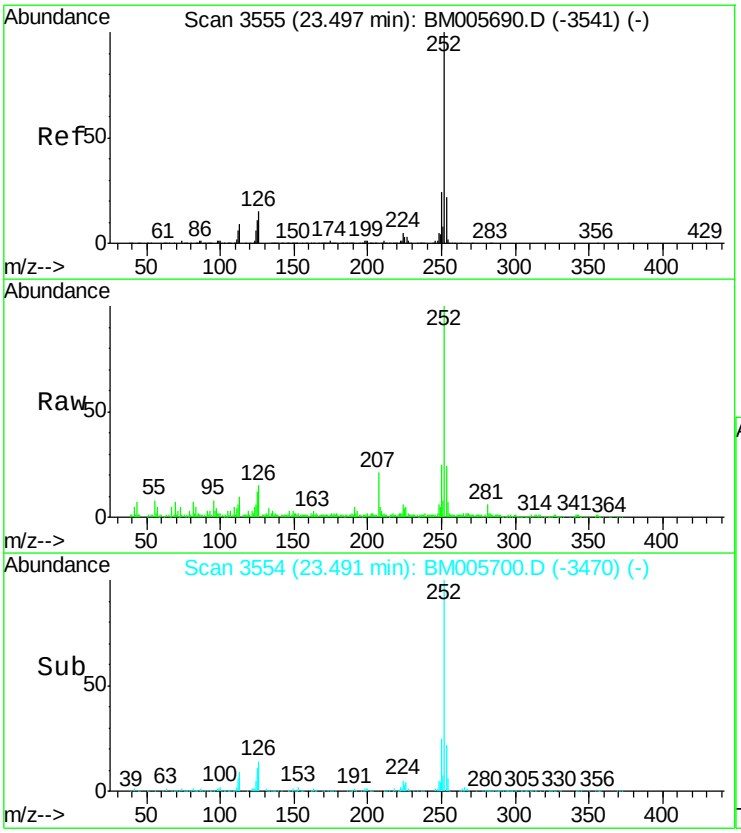
#36
Benzo(k)fluoranthene
Concen: 11.10 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.05 min
Lab File: BM005700.D
Acq: 07 Jun 2016 19:49

Instrument :
BNA_M
ClientSampleId :
D9XR7

Tgt Ion:252 Resp: 323177

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	12.1	7.7	11.5#

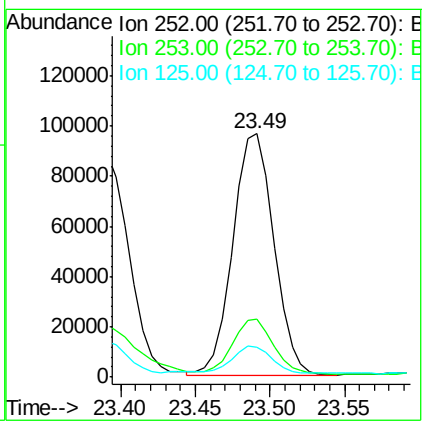


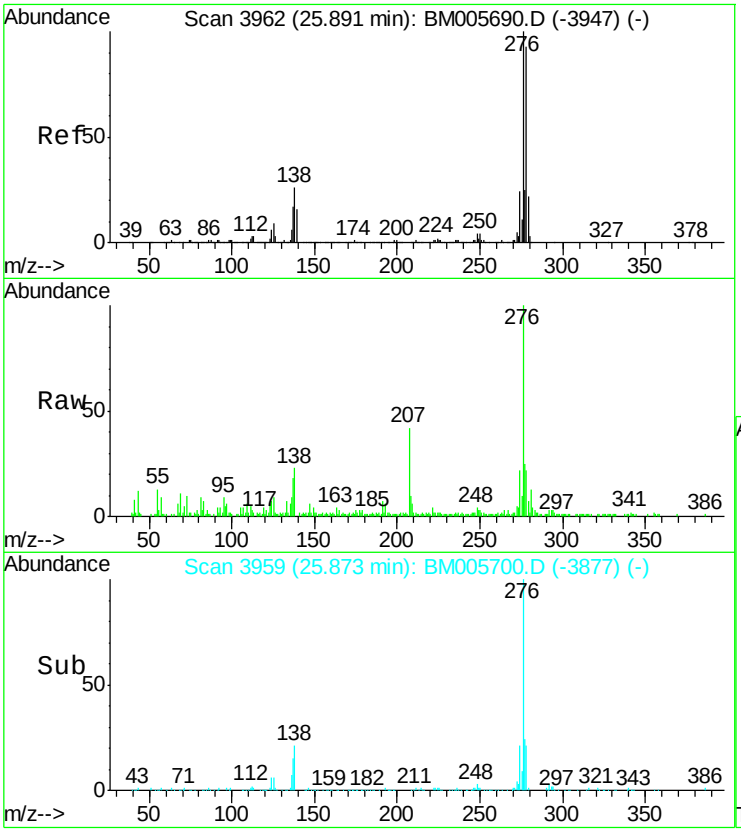


#38
Benzo(a)pyrene
Concen: 6.14 ng/ul
RT: 23.49 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BM005700.D
Acq: 07 Jun 2016 19:49

Tgt Ion:252 Resp: 183408

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	12.3	8.2	12.2#



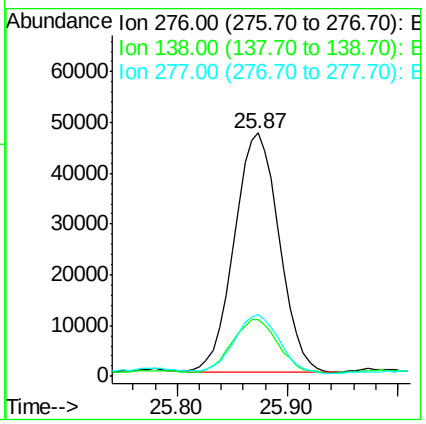


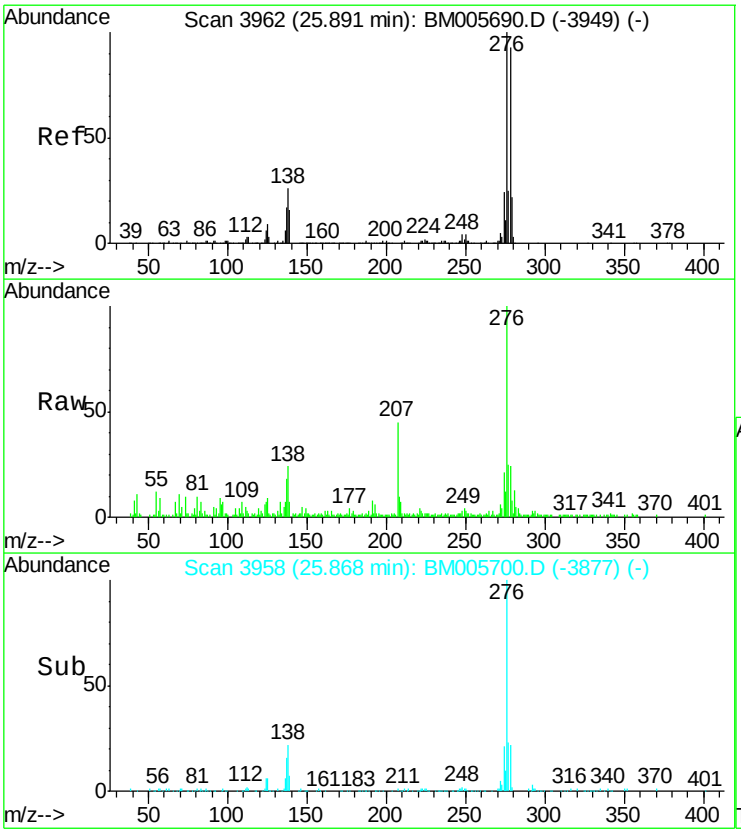
#39
Indeno(1,2,3-cd)pyrene
Concen: 3.82 ng/ul
RT: 25.87 min Scan# 3959
Delta R.T. -0.02 min
Lab File: BM005700.D
Acq: 07 Jun 2016 19:49

Instrument :
BNA_M
ClientSampleId :
D9XR7

Tgt Ion:276 Resp: 134940

Ion	Ratio	Lower	Upper
276	100		
138	23.0	15.8	23.6
277	25.3	19.0	28.6

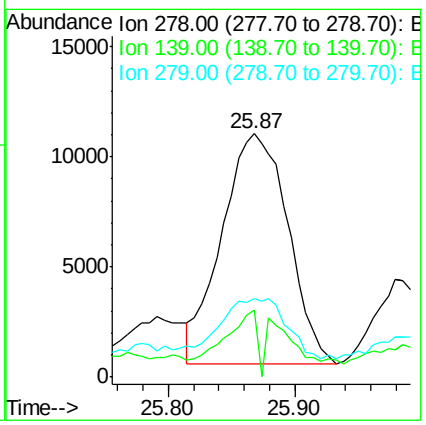


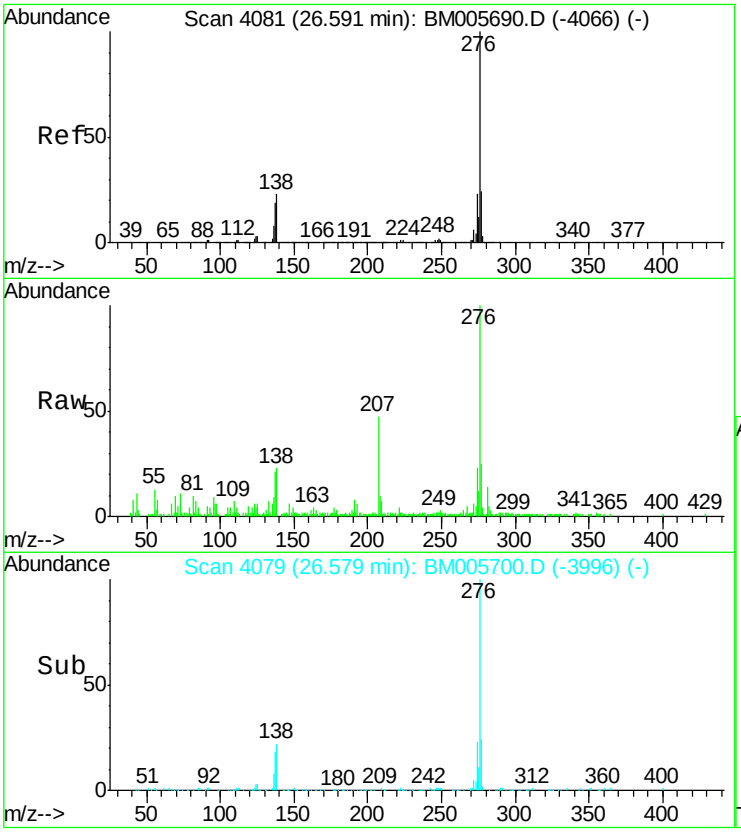


#40
Dibenzo(a,h)anthracene
Concen: 1.27 ng/ul
RT: 25.87 min Scan# 3958
Delta R.T. -0.02 min
Lab File: BM005700.D
Acq: 07 Jun 2016 19:49

Tgt Ion:278 Resp: 37707

Ion	Ratio	Lower	Upper
278	100		
139	27.4	12.1	18.1#
279	32.3	19.8	29.8#





#41
Benzo(g,h,i)perylene
Concen: 4.53 ng/ul
RT: 26.58 min Scan# 4079
Delta R.T. -0.01 min
Lab File: BM005700.D
Acq: 07 Jun 2016 19:49

Instrument :
BNA_M
ClientSampleId :
D9XR7

Tgt Ion:276 Resp: 134329

Ion	Ratio	Lower	Upper
276	100		
138	23.4	13.9	20.9#
277	24.8	19.8	29.6