Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012452.D
Acq On : 25 Oct 2017 19:58
Operator : SJ/JU
Sample : I5719-06 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 26 06:11:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	572663	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2224046	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1146566	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2109076	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2136571	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2460379	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	7242	0.65	ng/uL	0.00
5) Phenol-d5	7.05	99	142502	2.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	96176	3.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	115668	3.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	84720	2.07	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	59322	4.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	56304	3.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	106217	2.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	21261	0.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	349472	3.49	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	404291	3.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	14977	1.01	ng/ul	0.00
57) Fluorene-d10	15.50	176	276478	3.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	4570	0.45	ng/ul	0.00
70) Anthracene-d10	17.35	188	360687	3.59	ng/ul	0.00
76) Pyrene-d10	19.64	212	374509	3.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	423799	3.63	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.97	163	153710	1.55	ng/ul	97
69) Phenanthrene	17.29	178	709370	6.22	ng/ul	98
71) Anthracene	17.39	178	172329	1.46	ng/ul	97
74) Fluoranthene	19.30	202	1353082	10.47	ng/ul#	95
77) Pyrene	19.67	202	1177040	9.69	ng/ul#	95
80) Benzo(a)anthracene	21.41	228	662715	5.18	ng/ul	95
82) Chrysene	21.41	228	662715	5.83	ng/ul	96
85) Benzo(b)fluoranthene	23.04	252	1023507	6.73	ng/ul#	85
86) Benzo(k)fluoranthene	23.04	252	1023507	7.15	ng/ul#	83
88) Benzo(a)pyrene	23.63	252	703159	4.85	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.09	276	563967	3.30	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.09	278	153080	1.06	ng/ul#	57
91) Benzo(g,h,i)perylene	26.80	276	531855	3.85	ng/ul#	85

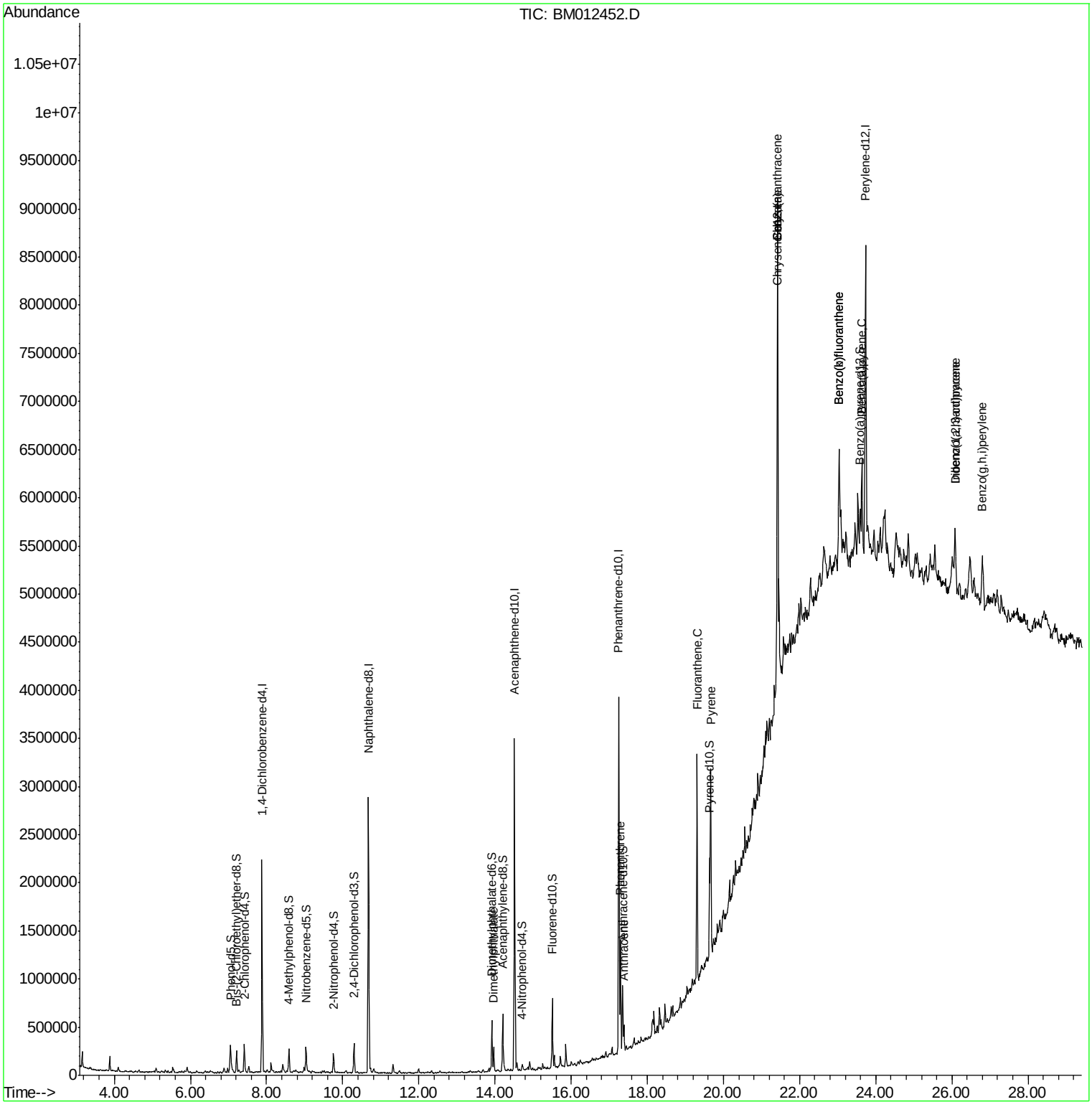
(#) = qualifier out of range (m) = manual integration (+) = signals summed

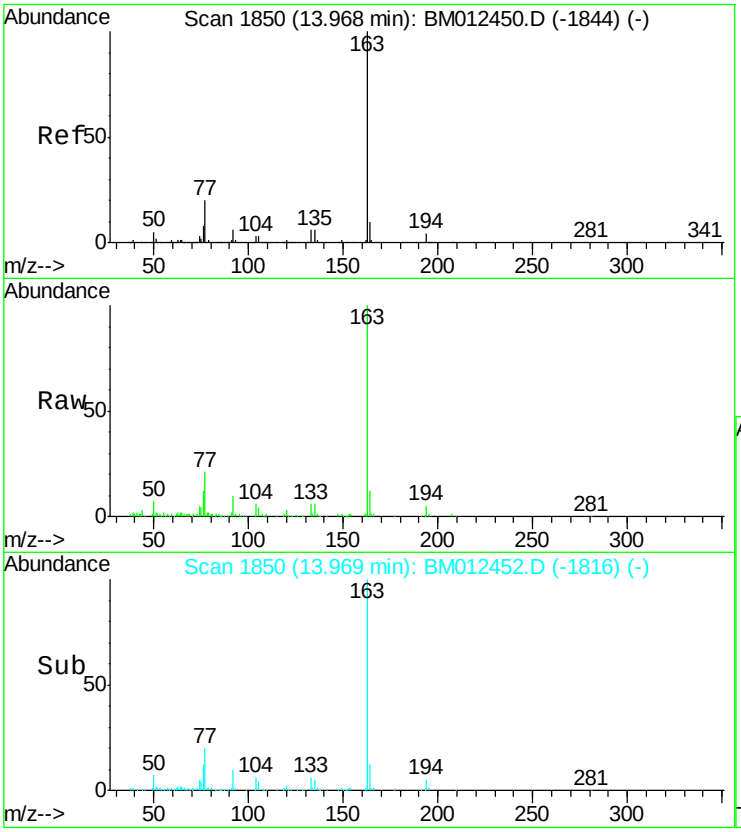
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012452.D
Acq On : 25 Oct 2017 19:58
Operator : SJ/JU
Sample : I5719-06 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 26 06:11:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration



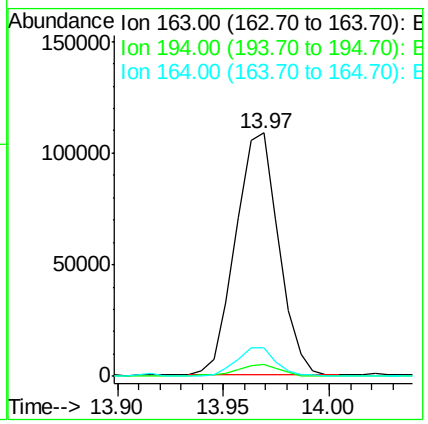


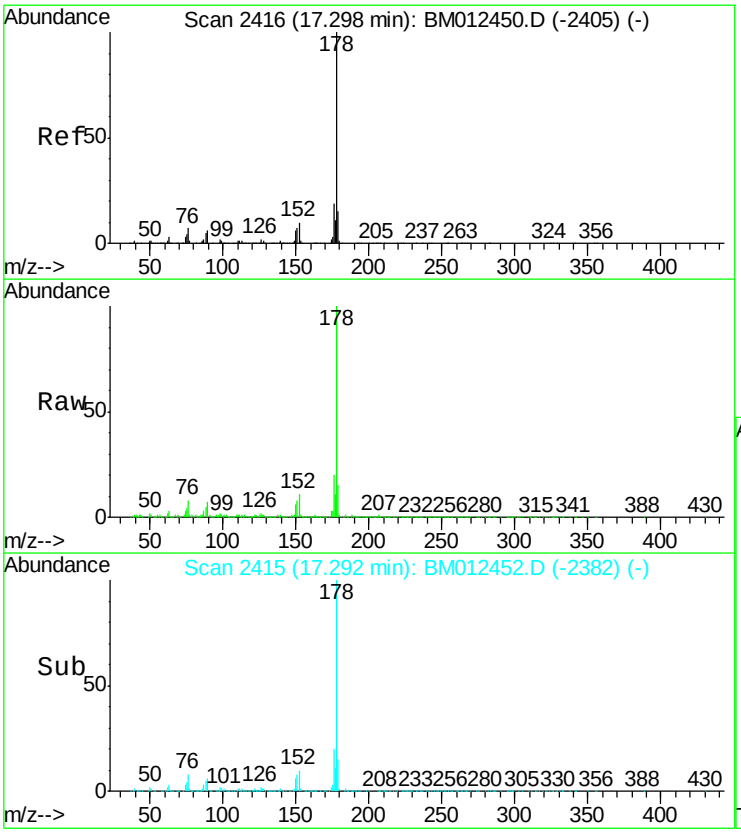
#44
Dimethylphthalate
Concen: 1.55 ng/ul
RT: 13.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 153710

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	11.6	8.2	12.4

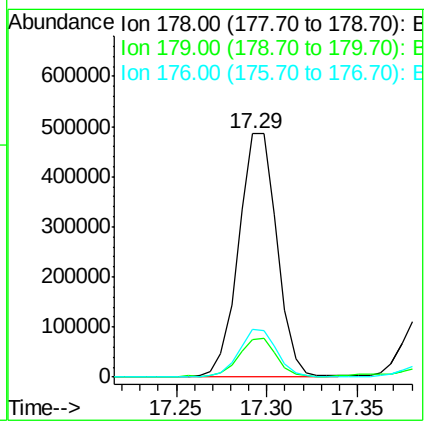


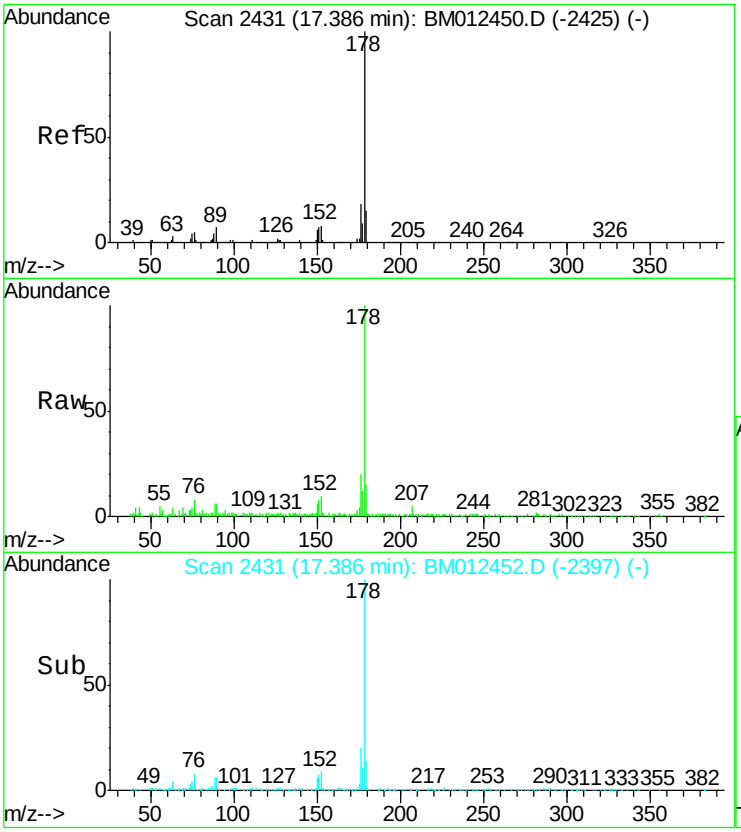


#69
Phenanthrene
Concen: 6.22 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Tgt Ion:178 Resp: 709370

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.8	14.9	22.3



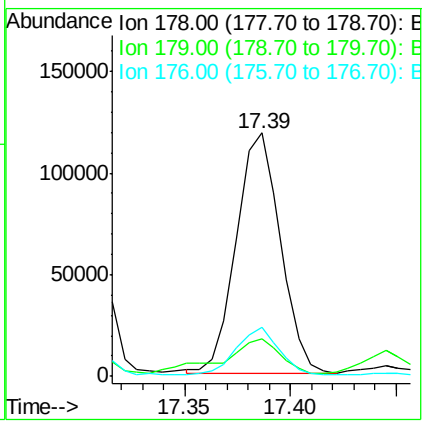


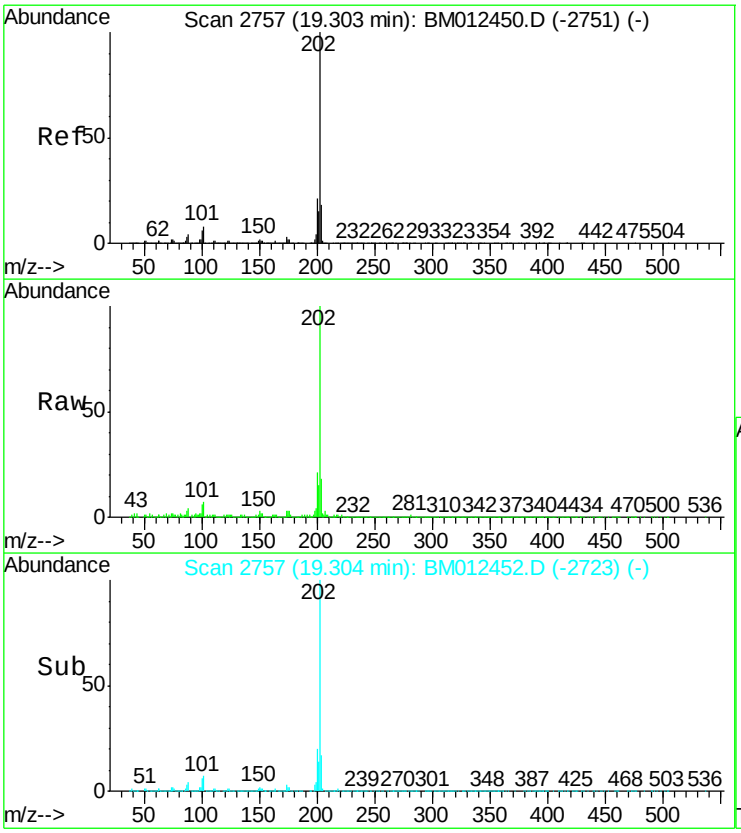
#71
Anthracene
Concen: 1.46 ng/ul
RT: 17.39 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 172329

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	20.3	14.6	21.8

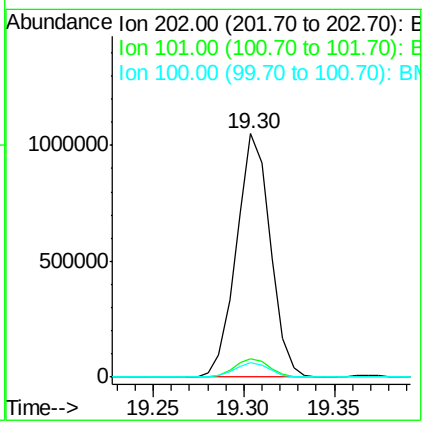


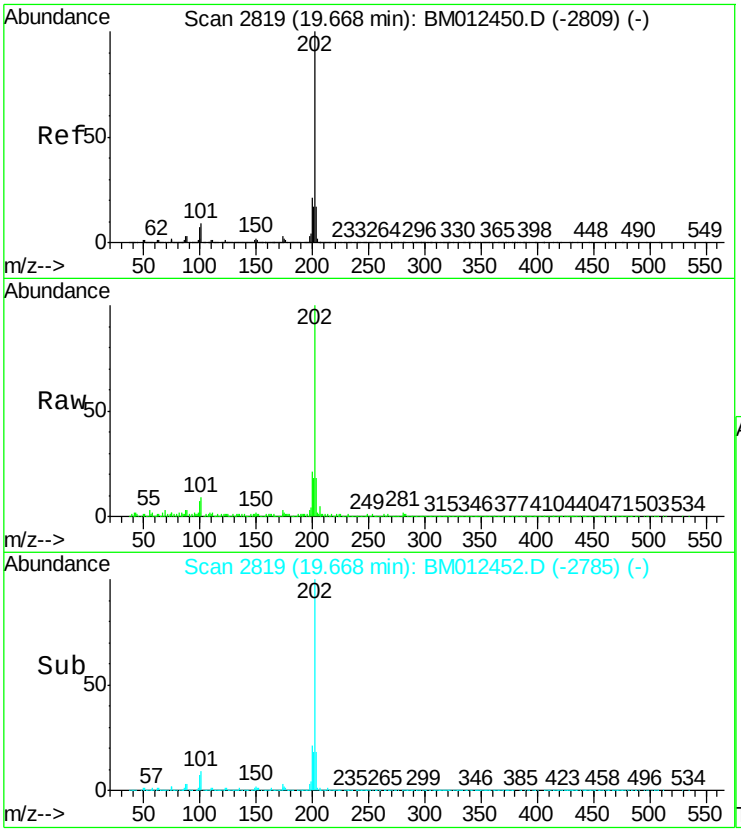


#74
Fluoranthene
Concen: 10.47 ng/ul
RT: 19.30 min Scan# 2757
Delta R.T. 0.00 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Tgt Ion:202 Resp: 1353082

Ion	Ratio	Lower	Upper
202	100		
101	7.5	4.6	7.0#
100	6.2	3.4	5.2#



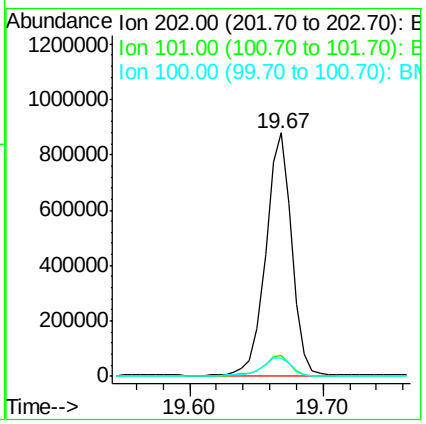


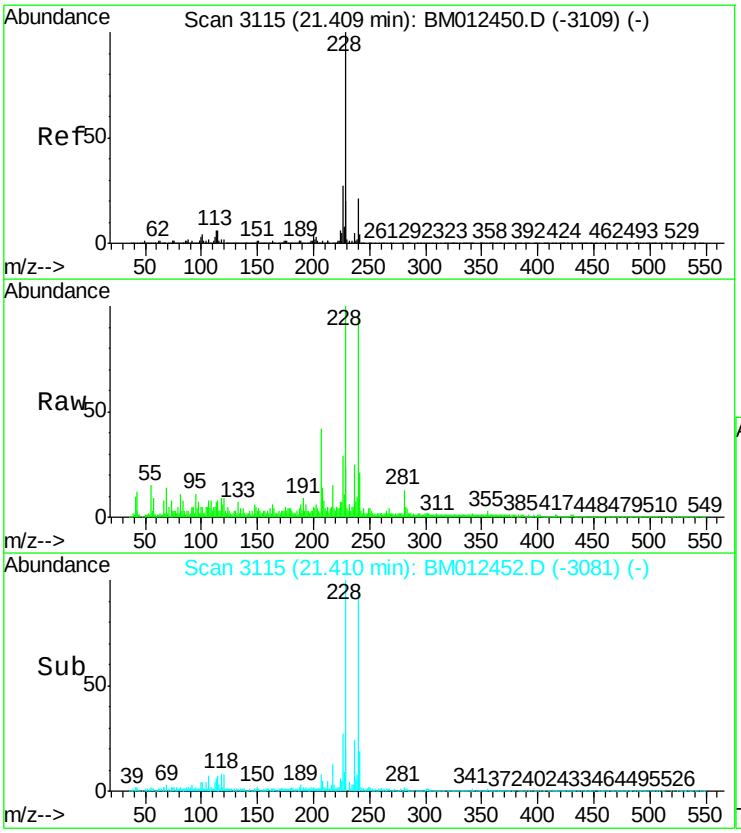
#77
Pyrene
Concen: 9.69 ng/ul
RT: 19.67 min Scan# 2819
Delta R.T. 0.00 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1177040

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.1	7.7#
100	7.3	4.9	7.3

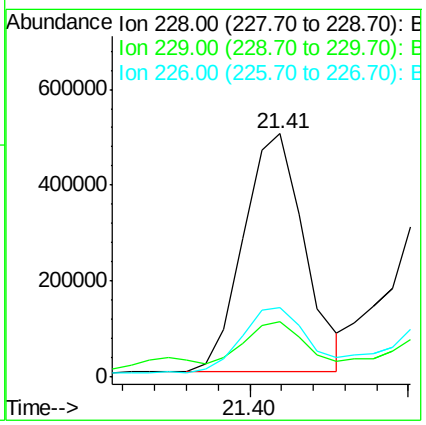


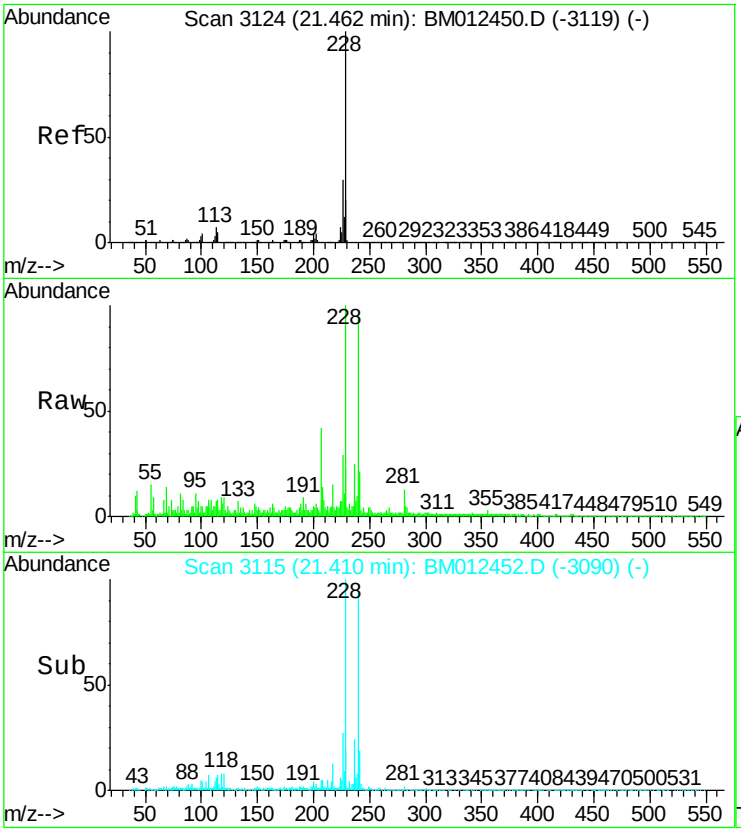


#80
Benzo(a)anthracene
Concen: 5.18 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Tgt Ion:228 Resp: 662715

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.4	23.0
226	28.6	21.4	32.0



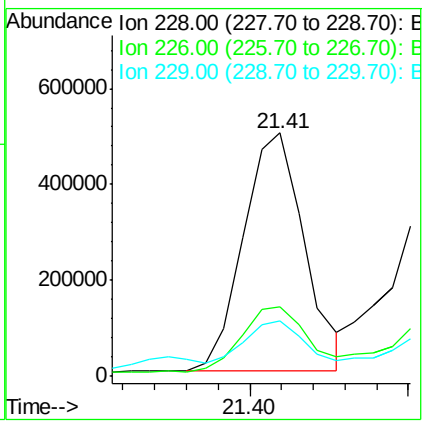


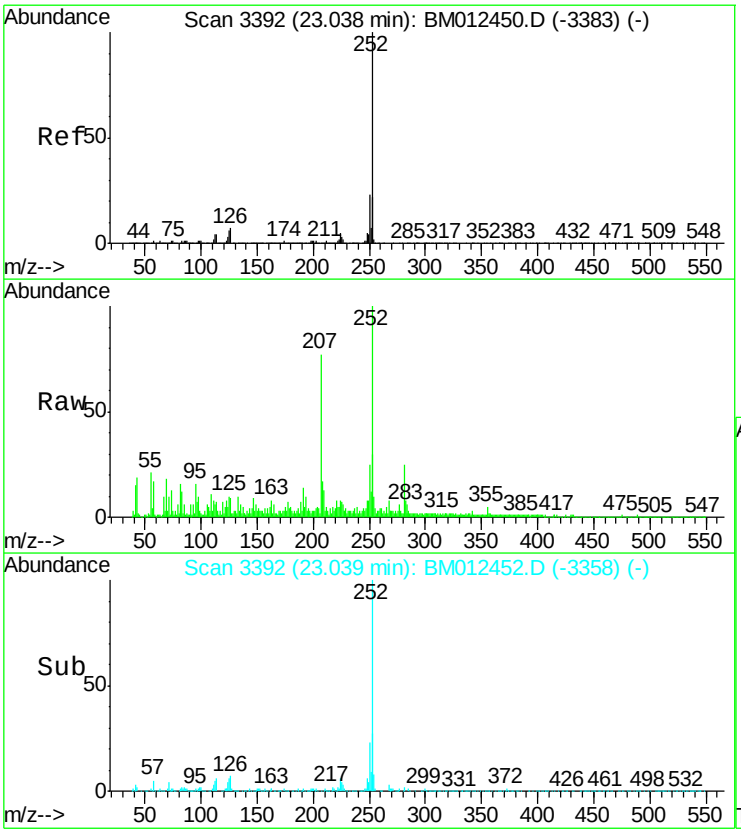
#82
Chrysene
Concen: 5.83 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. -0.05 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 662715

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	22.5	15.5	23.3

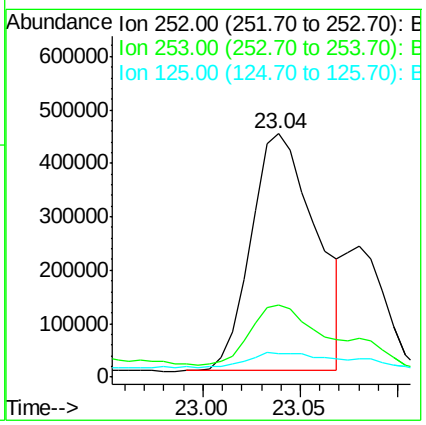


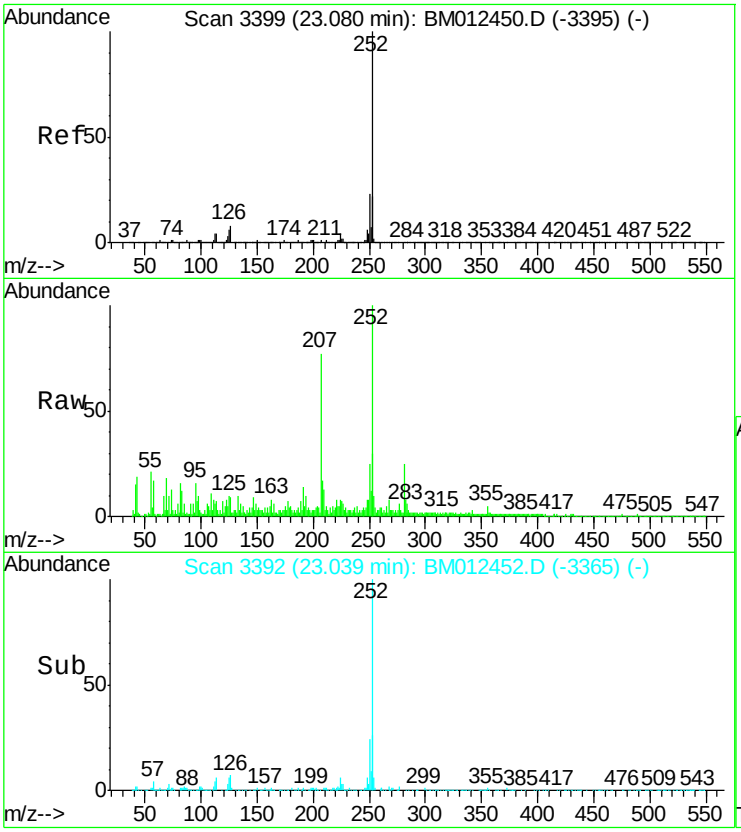


#85
Benzo(b)fluoranthene
Concen: 6.73 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.00 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Tgt Ion:252 Resp: 1023507

Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.9	26.9#
125	9.8	3.6	5.4#



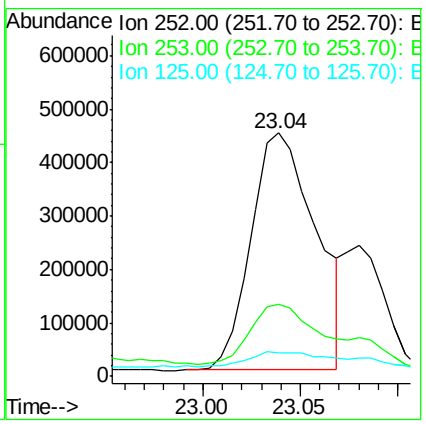


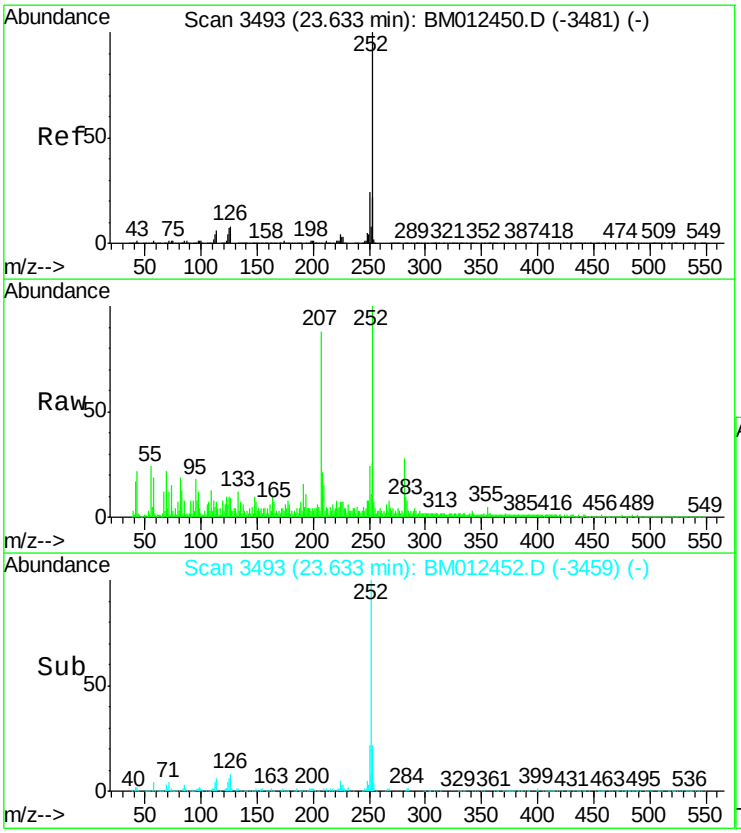
#86
Benzo(k)fluoranthene
Concen: 7.15 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. -0.04 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1023507

Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.1	25.7#
125	9.8	3.4	5.2#

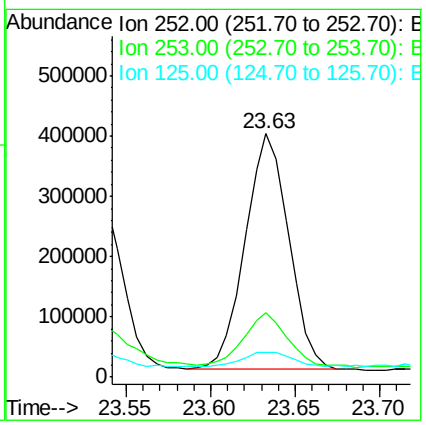


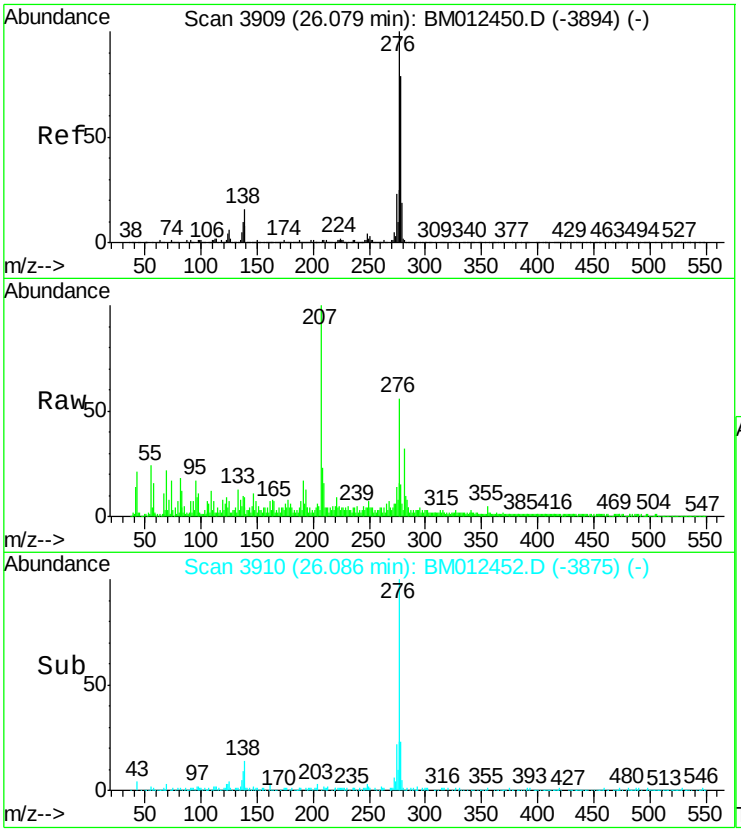


#88
Benzo(a)pyrene
Concen: 4.85 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Tgt Ion:252 Resp: 703159

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.2	27.2
125	10.0	4.0	6.0#



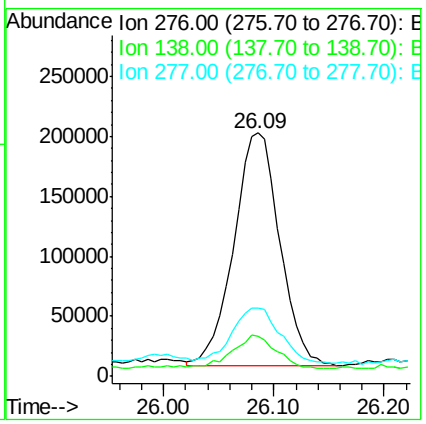


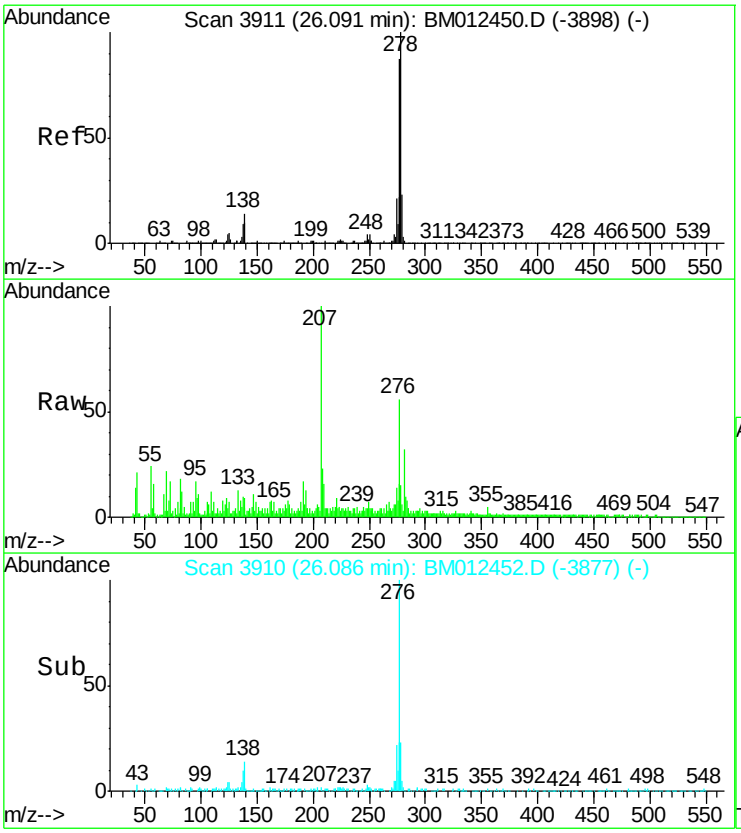
#89
Indeno(1,2,3-cd)pyrene
Concen: 3.30 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. 0.01 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 563967

Ion	Ratio	Lower	Upper
276	100		
138	16.3	9.3	13.9#
277	28.3	19.9	29.9

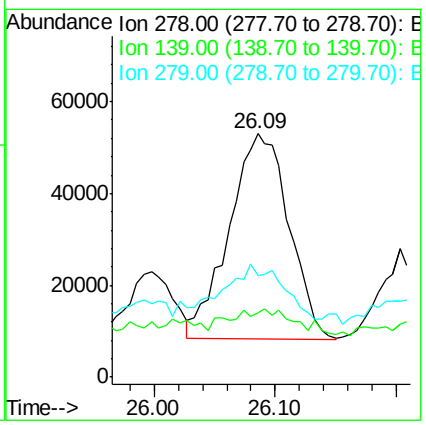


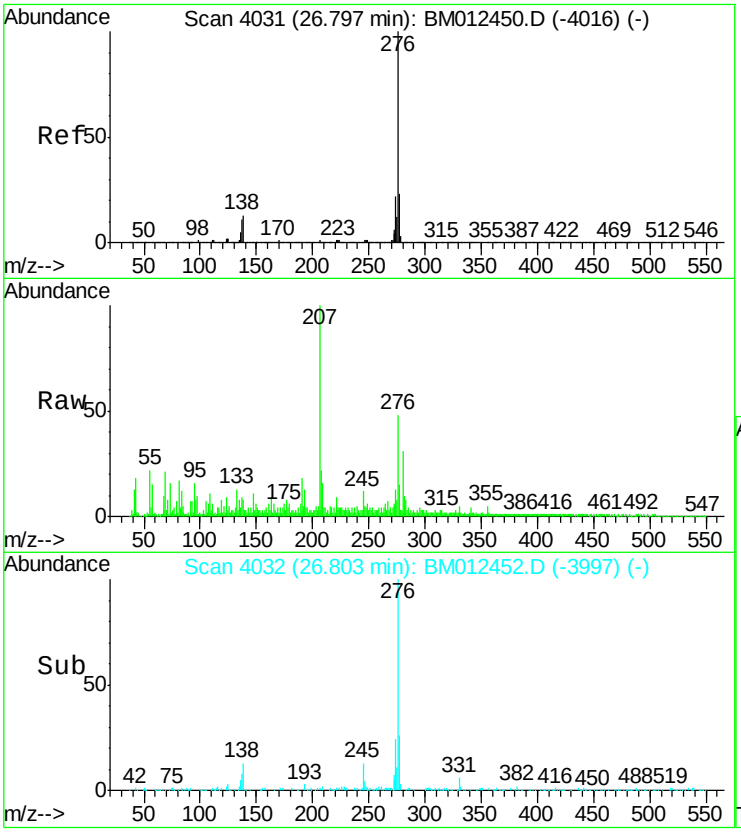


#90
Dibenzo(a,h)anthracene
Concen: 1.06 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Tgt Ion:278 Resp: 153080

Ion	Ratio	Lower	Upper
278	100		
139	26.7	5.8	8.8#
279	41.9	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 3.85 ng/ul
RT: 26.80 min Scan# 4032
Delta R.T. 0.01 min
Lab File: BM012452.D
Acq: 25 Oct 2017 19:58

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 531855

Ion	Ratio	Lower	Upper
276	100		
138	16.2	8.5	12.7#
277	30.8	18.6	28.0#