Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012625.D
Acq On : 01 Nov 2017 04:55
Operator : SJ/JU
Sample : I5873-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 01 06:46:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	362013	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1523170	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	972668	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	2388342	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2448666	20.00	ng/ul	0.01
83) Perylene-d12	23.72	264	2369407	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	37746	5.33	ng/uL	0.00
5) Phenol-d5	7.03	99	1002115	33.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	557568	31.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	790596	34.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	626882	24.25	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	395169	41.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	461314	46.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	909644	34.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	385619	14.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2830486	33.31	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	3572331	35.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	438761	34.74	ng/ul	0.01
57) Fluorene-d10	15.48	176	2603249	36.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	287199	24.85	ng/ul	0.01
70) Anthracene-d10	17.33	188	4115195	36.16	ng/ul	0.01
76) Pyrene-d10	19.62	212	4638389	41.29	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.57	264	4043833	35.92	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	7.00	77	19638	1.19	ng/ul#	60
6) Phenol	7.05	94	178327	5.66	ng/ul#	82
33) 4-Chloro-3-methylphenol	11.99	107	38167	1.34	ng/ul#	21
44) Dimethylphthalate	13.94	163	128575	1.53	ng/ul	98
47) Acenaphthylene	14.21	152	279187	2.91	ng/ul	97
58) Fluorene	15.53	166	84198	1.02	ng/ul	98
69) Phenanthrene	17.27	178	2168356	16.79	ng/ul	99
71) Anthracene	17.36	178	716717	5.37	ng/ul	97
72) Carbazole	17.63	167	542597	4.91	ng/ul	98
74) Fluoranthene	19.29	202	5238537	35.79	ng/ul#	92
77) Pyrene	19.65	202	4298003	30.87	ng/ul#	91
78) Butylbenzylphthalate	20.54	149	72162	1.32	ng/ul	94
80) Benzo(a)anthracene	21.39	228	2129069	14.52	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.32	149	1000981	11.99	ng/ul	97
82) Chrysene	21.44	228	2852498	21.88	ng/ul	95
85) Benzo(b)fluoranthene	23.02	252	4607530	31.46	ng/ul#	93
86) Benzo(k)fluoranthene	23.02	252	4607530	33.42	ng/ul#	91
88) Benzo(a)pyrene	23.62	252	1995363	14.29	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	26.06	276	2149552	13.08	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.06	278	504881	3.62	ng/ul#	59
91) Benzo(g,h,i)perylene	26.78	276	1686031	12.66	ng/ul#	91

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012625.D
Acq On : 01 Nov 2017 04:55
Operator : SJ/JU
Sample : I5873-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 01 06:46:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

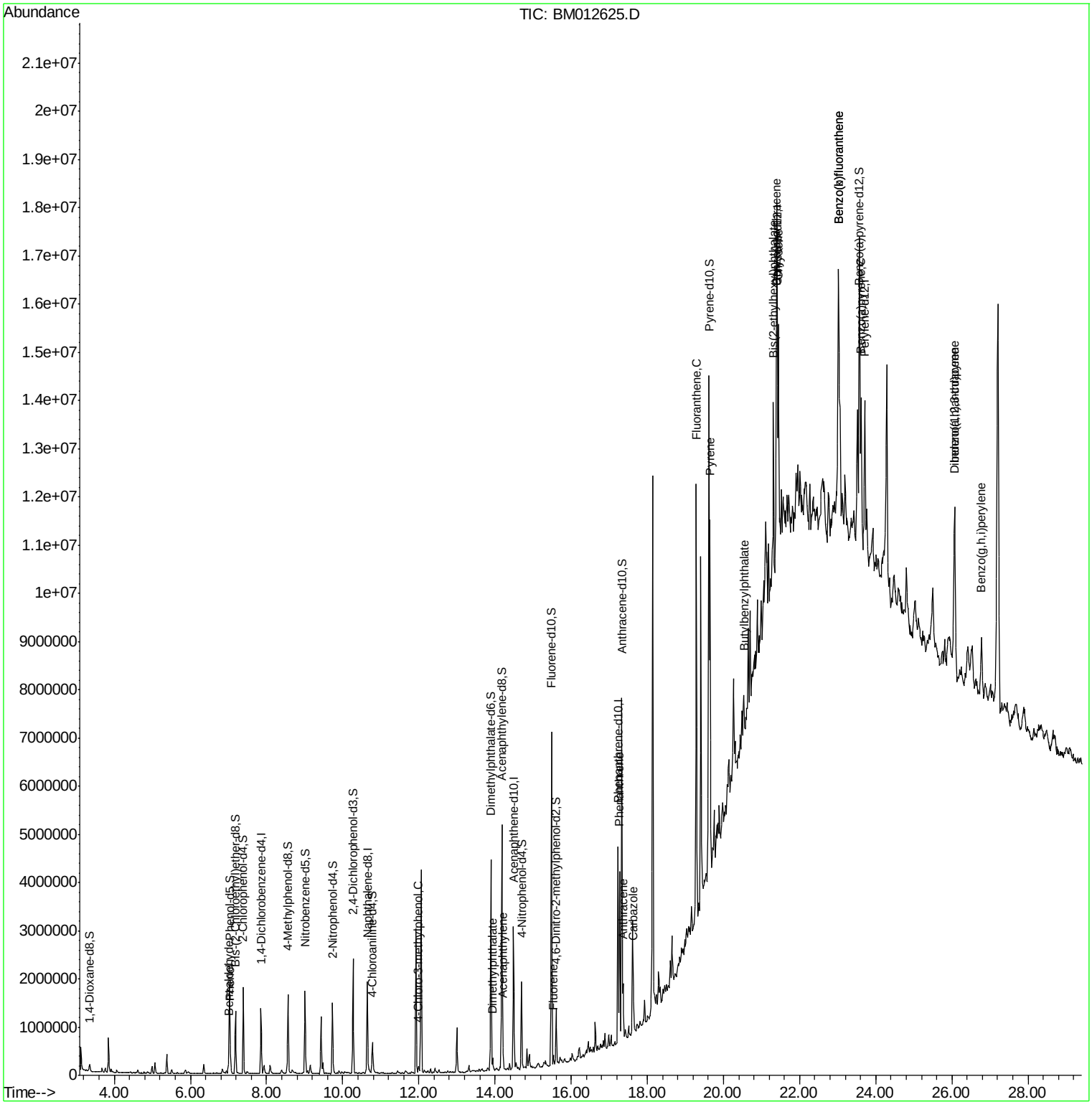
(#) = qualifier out of range (m) = manual integration (+) = signals summed

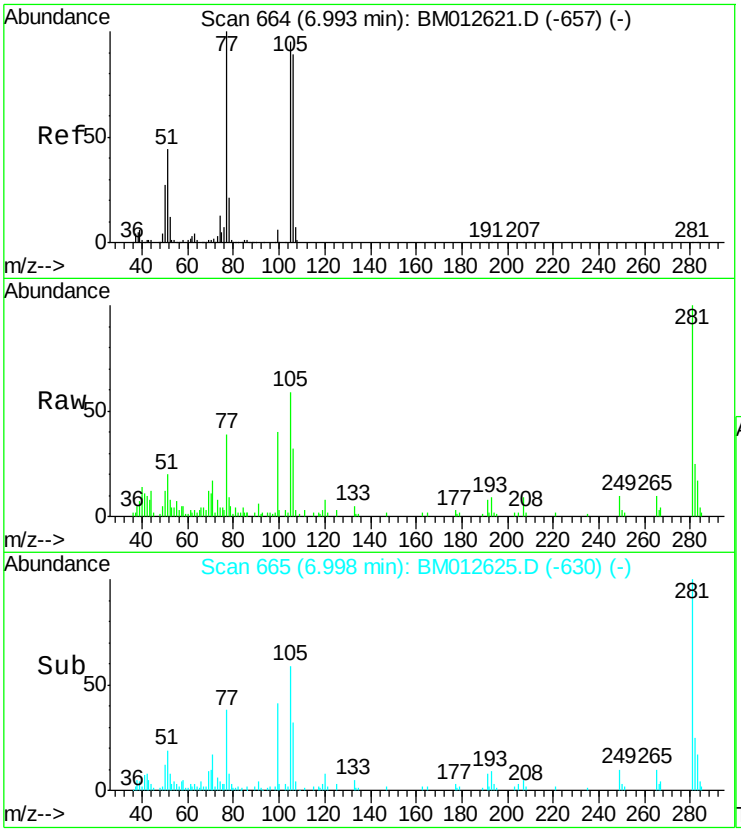
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012625.D
Acq On : 01 Nov 2017 04:55
Operator : SJ/JU
Sample : I5873-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 01 06:46:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration



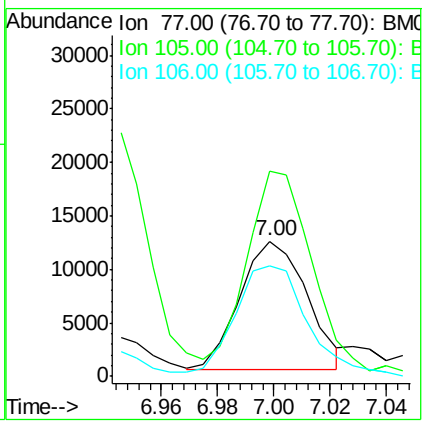


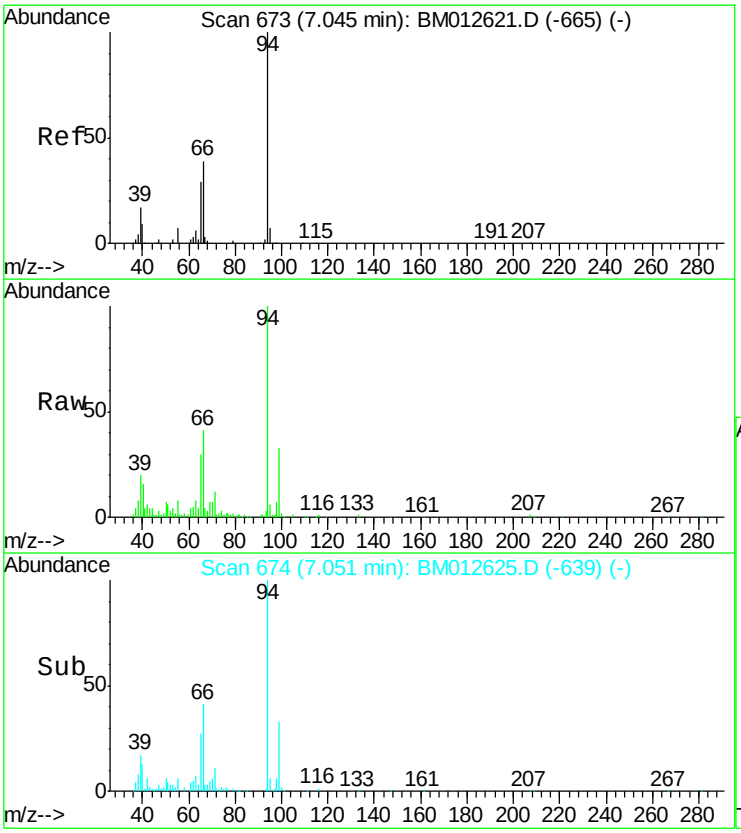
#4
Benzaldehyde
Concen: 1.19 ng/ul
RT: 7.00 min Scan# 665
Delta R.T. 0.01 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 19638

Ion	Ratio	Lower	Upper
77	100		
105	152.0	66.1	99.1#
106	82.1	67.8	101.6

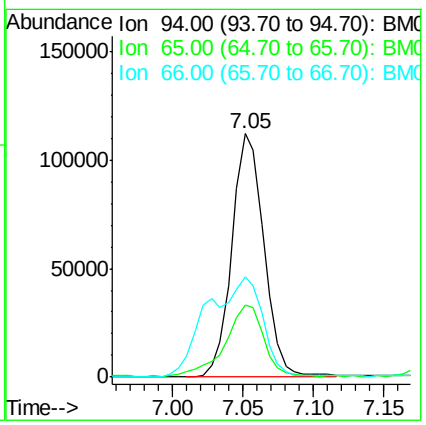


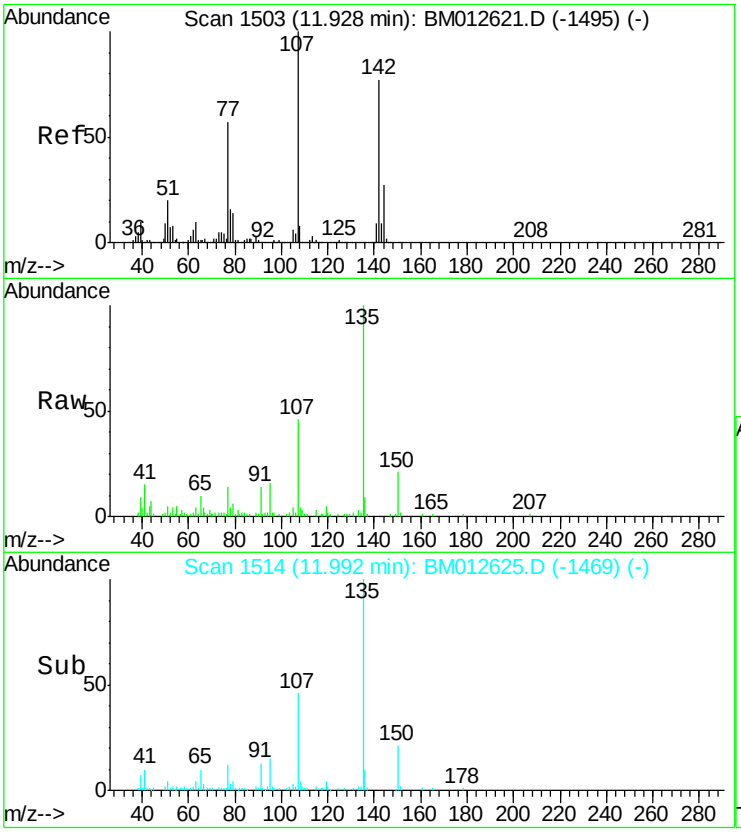


#6
Phenol
Concen: 5.66 ng/ul
RT: 7.05 min Scan# 674
Delta R.T. 0.01 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Tgt Ion: 94 Resp: 178327

Ion	Ratio	Lower	Upper
94	100		
65	29.9	28.2	42.4
66	41.1	47.2	70.8#



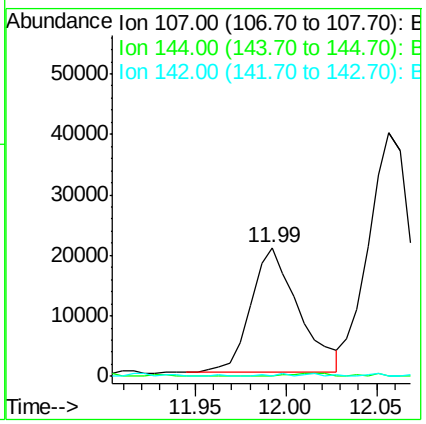


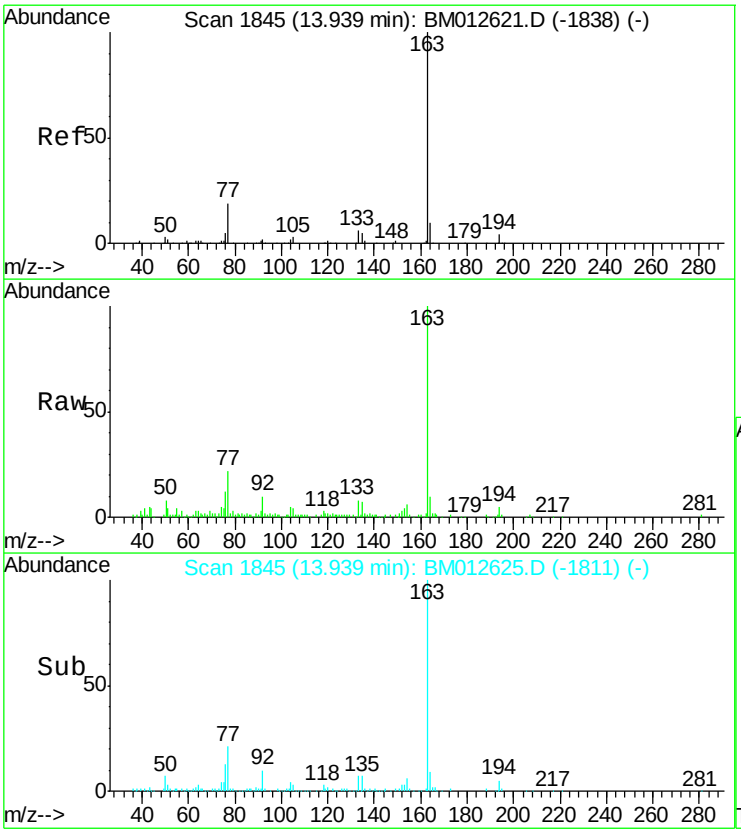
#33
4-Chloro-3-methylphenol
Concen: 1.34 ng/ul
RT: 11.99 min Scan# 1514
Delta R.T. 0.06 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 38167

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.4	30.6#
142	0.0	60.5	90.7#

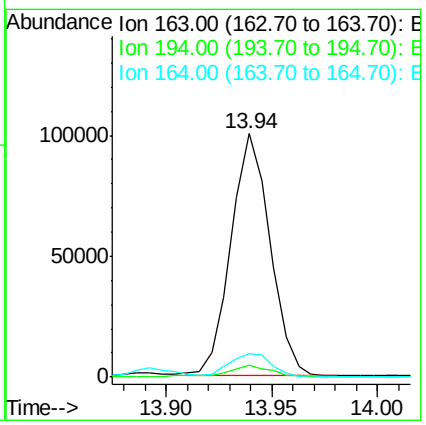


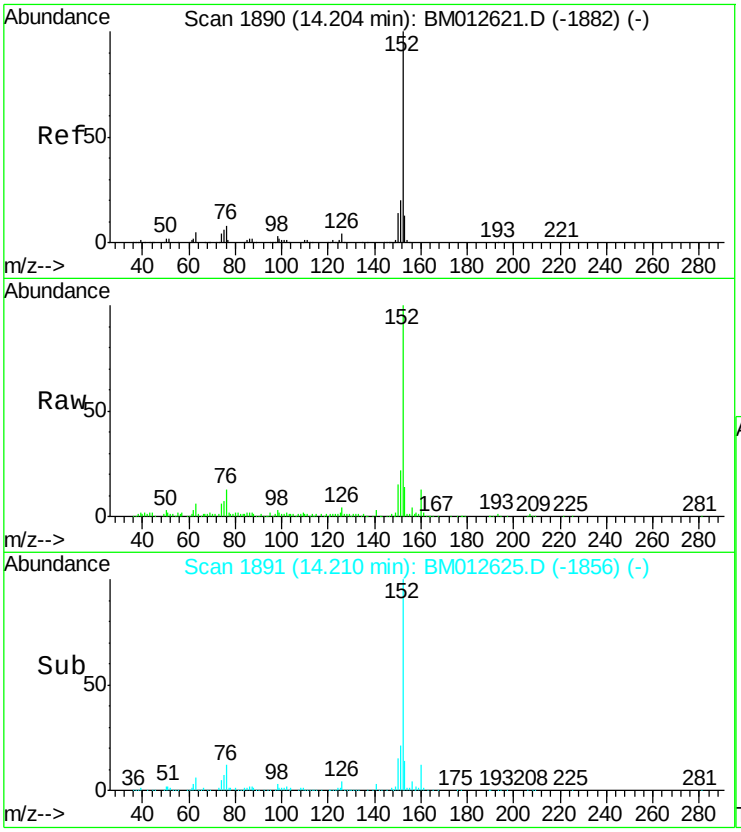


#44
Dimethylphthalate
Concen: 1.53 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Tgt Ion:163 Resp: 128575

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	9.5	8.2	12.4



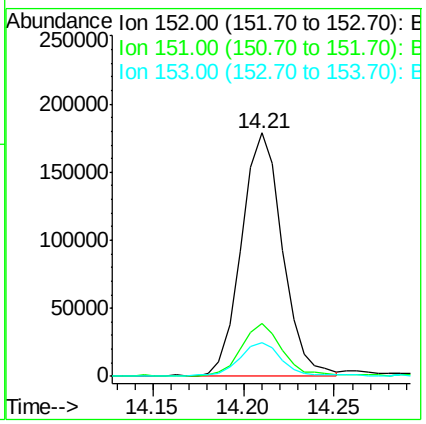


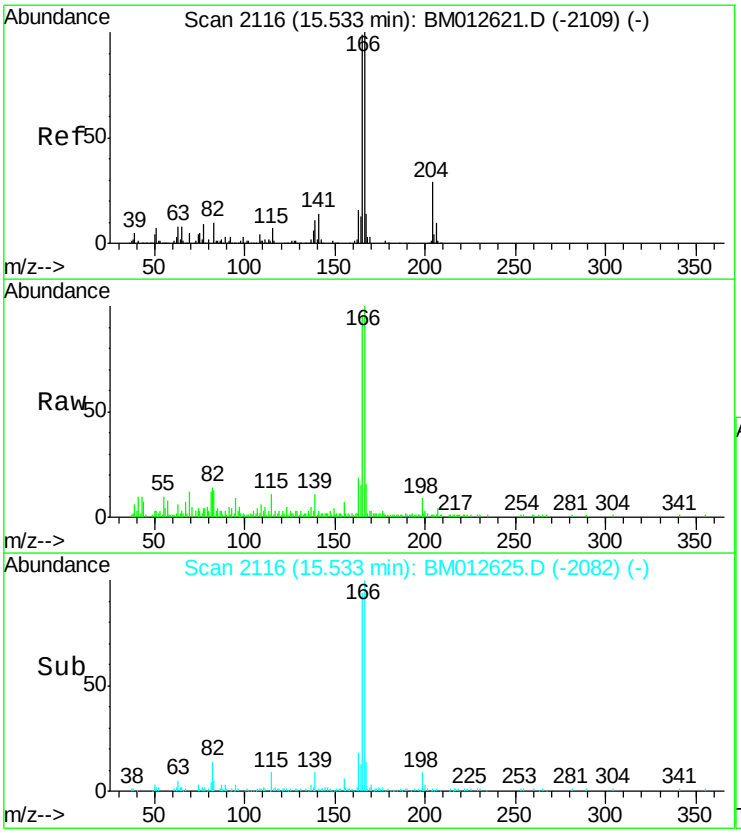
#47
Acenaphthylene
Concen: 2.91 ng/ul
RT: 14.21 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 279187

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.3	24.5
153	13.9	10.2	15.4

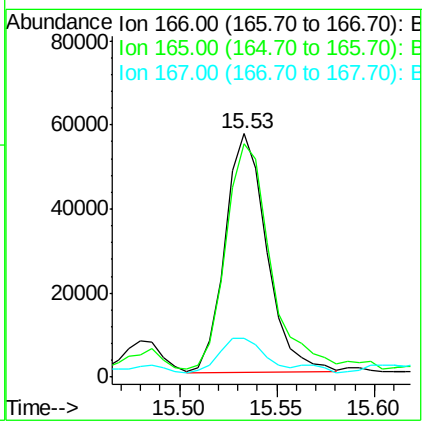


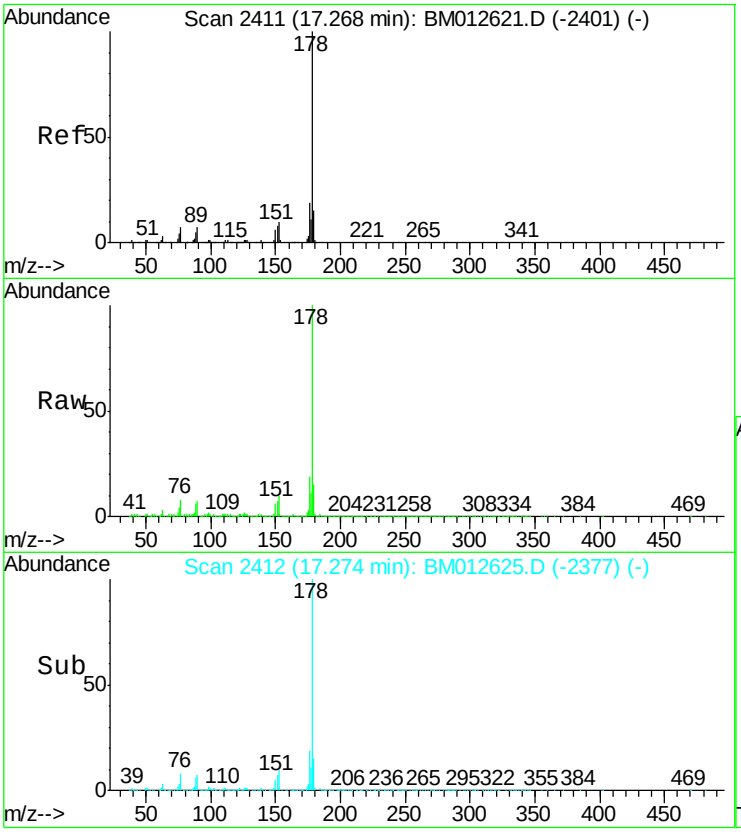


#58
Fluorene
Concen: 1.02 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Tgt Ion:166 Resp: 84198

Ion	Ratio	Lower	Upper
166	100		
165	95.6	77.9	116.9
167	15.9	10.6	16.0



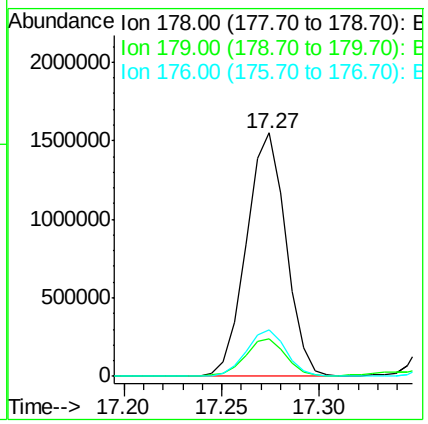


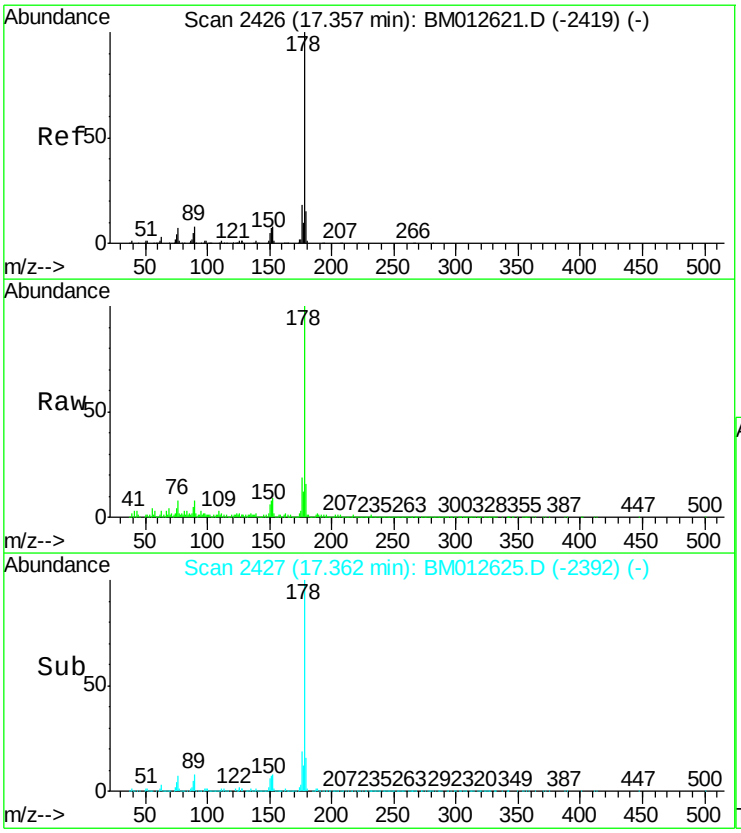
#69
Phenanthrene
Concen: 16.79 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2168356

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.9	14.9	22.3

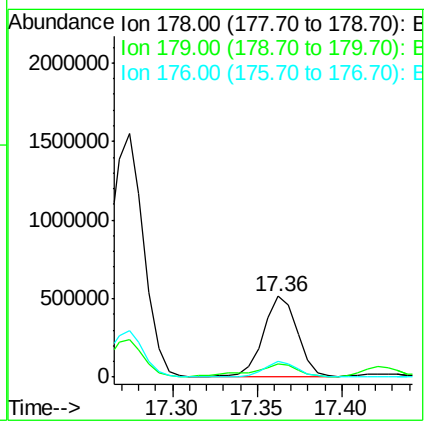


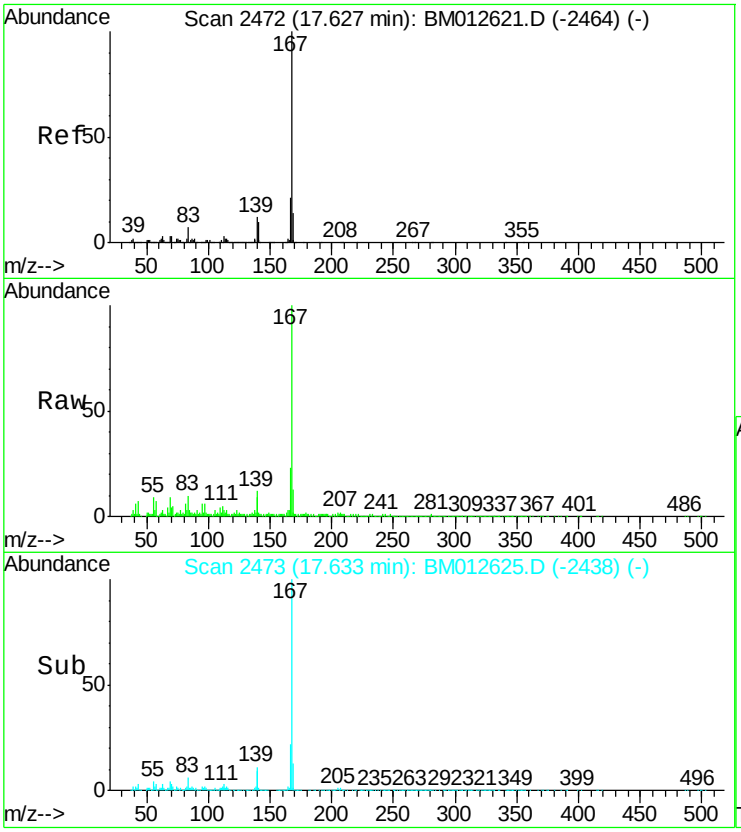


#71
Anthracene
Concen: 5.37 ng/ul
RT: 17.36 min Scan# 2427
Delta R.T. 0.01 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Tgt Ion:178 Resp: 716717

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.7	17.5
176	19.1	14.6	21.8



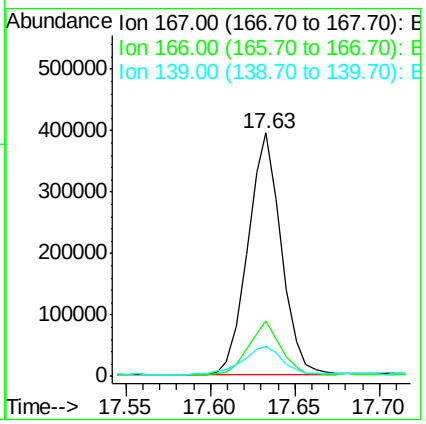


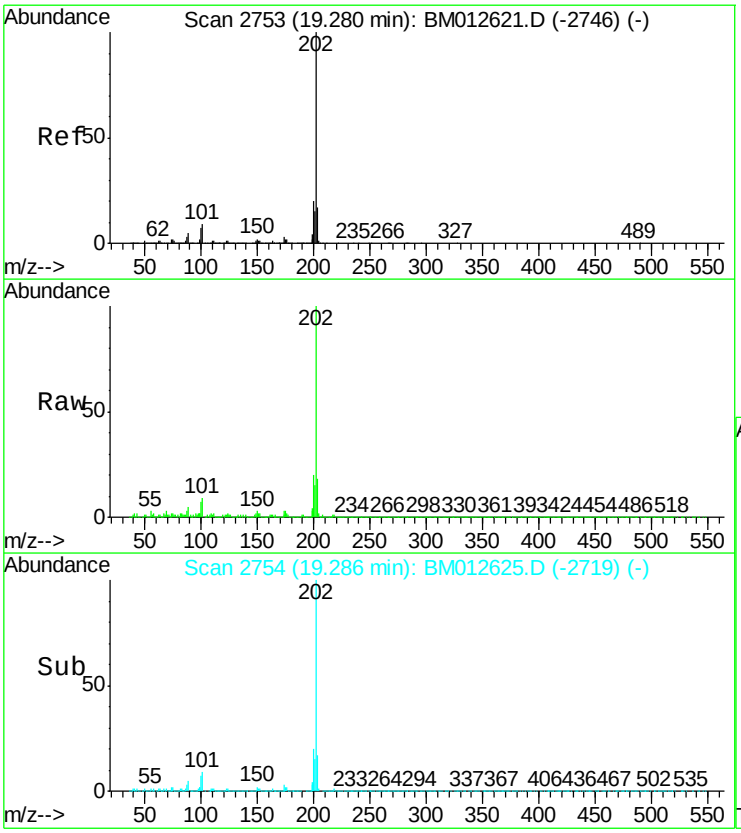
#72
Carbazole
Concen: 4.91 ng/ul
RT: 17.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 542597

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.1	25.7
139	12.2	10.0	15.0

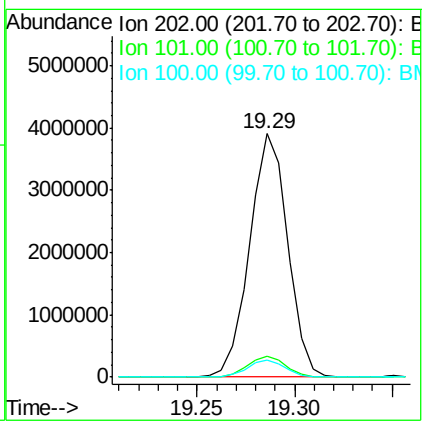


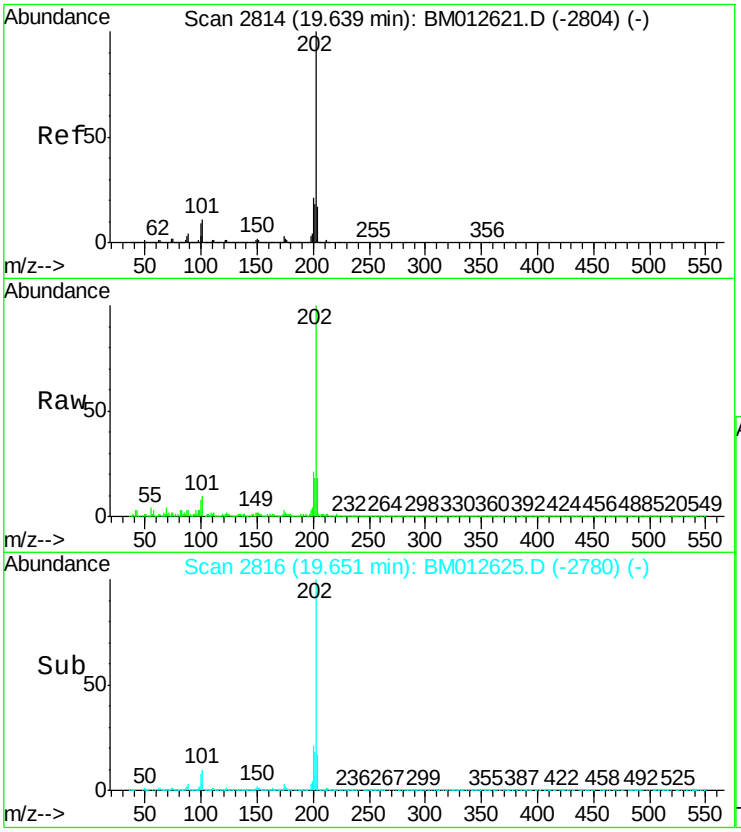


#74
Fluoranthene
Concen: 35.79 ng/ul
RT: 19.29 min Scan# 2754
Delta R.T. 0.01 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Tgt Ion:202 Resp: 5238537

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.9	3.4	5.2#



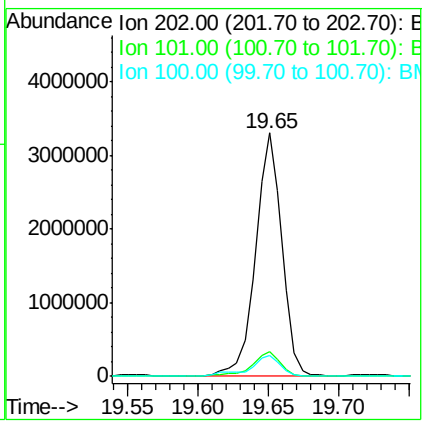


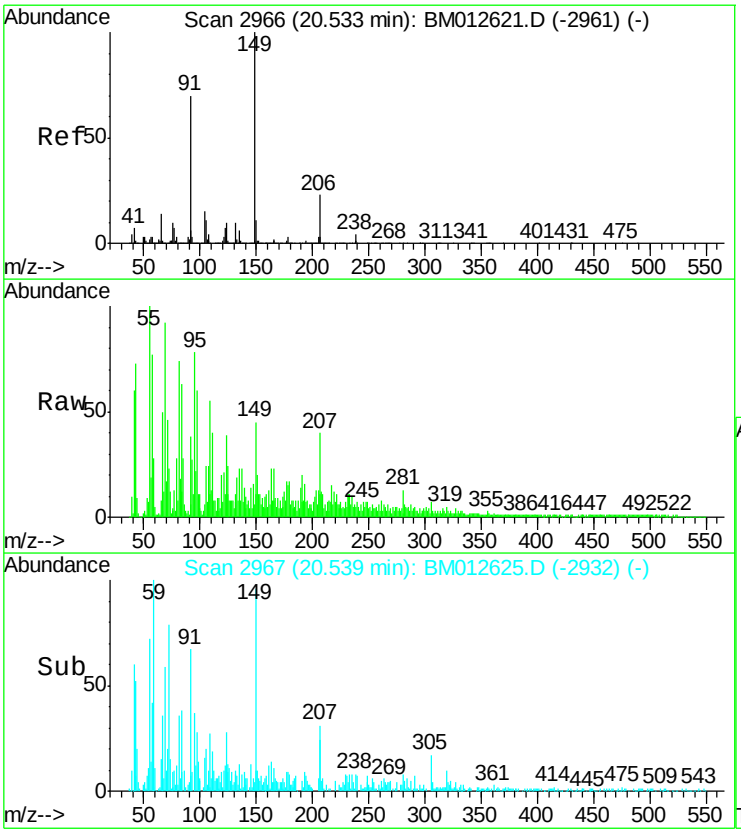
#77
Pyrene
Concen: 30.87 ng/ul
RT: 19.65 min Scan# 2816
Delta R.T. 0.01 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4298003

Ion	Ratio	Lower	Upper
202	100		
101	10.0	5.1	7.7#
100	8.4	4.9	7.3#

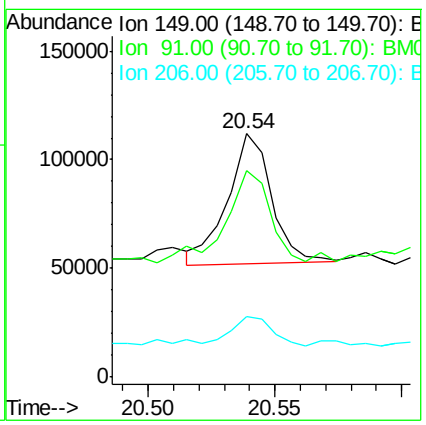


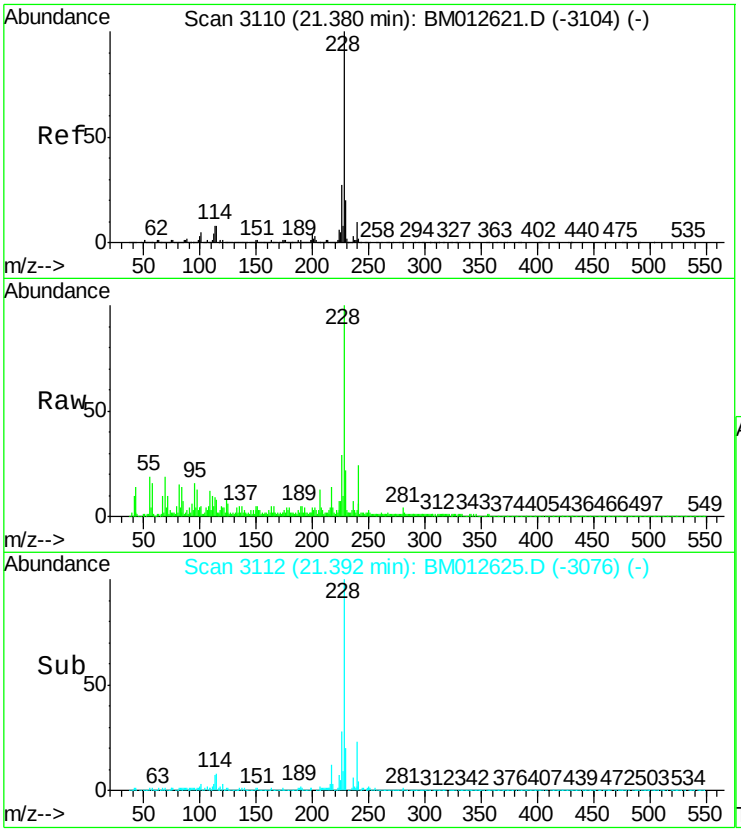


#78
Butylbenzylphthalate
Concen: 1.32 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. 0.01 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Tgt Ion:149 Resp: 72162

Ion	Ratio	Lower	Upper
149	100		
91	84.9	62.7	94.1
206	25.0	20.8	31.2



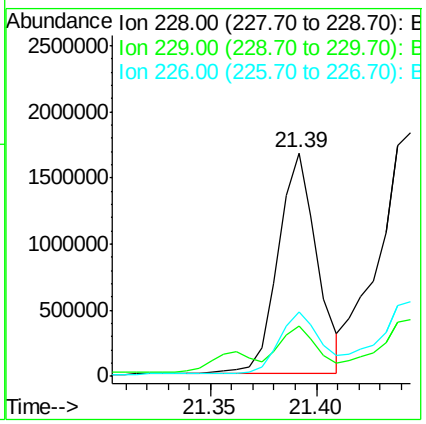


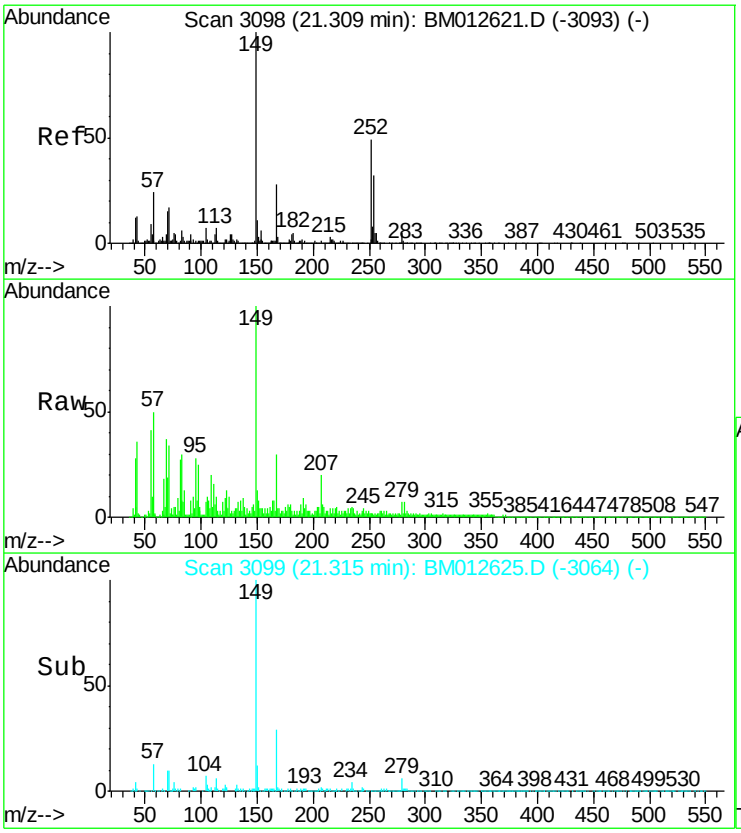
#80
Benzo(a)anthracene
Concen: 14.52 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2129069

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.4	23.0
226	28.9	21.4	32.0

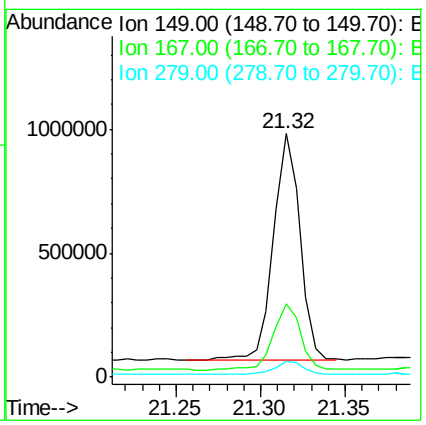


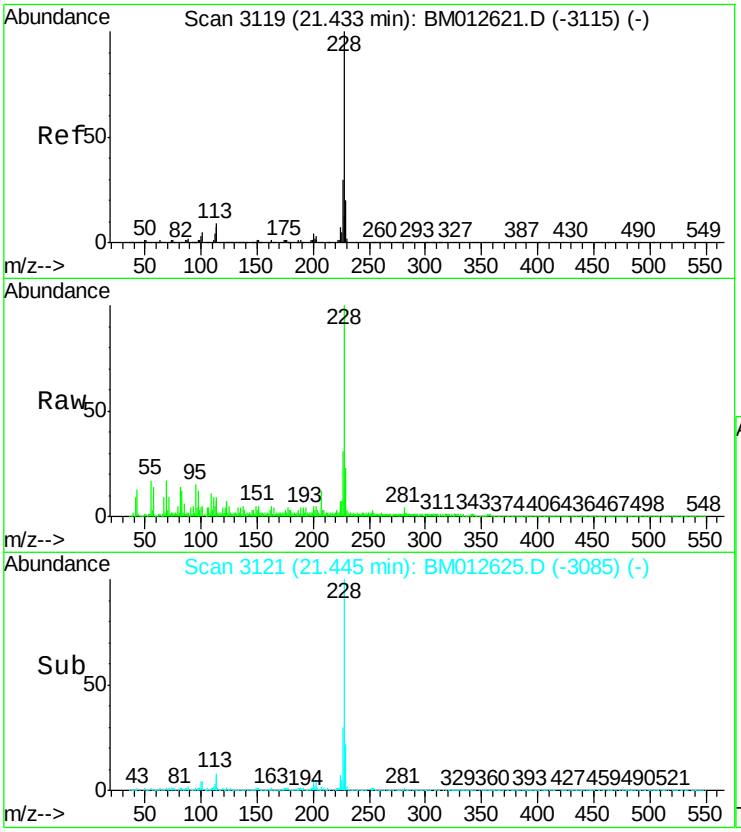


#81
Bis(2-ethylhexyl)phthalate
Concen: 11.99 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Tgt Ion:149 Resp: 1000981

Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.8	34.2
279	6.7	4.9	7.3



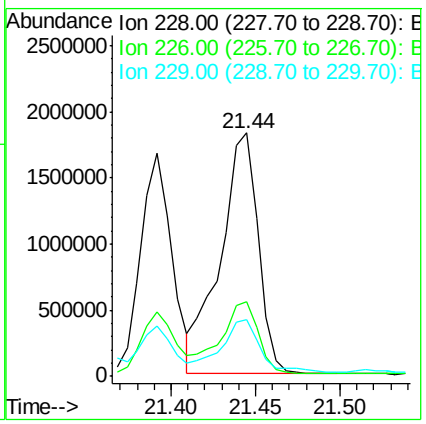


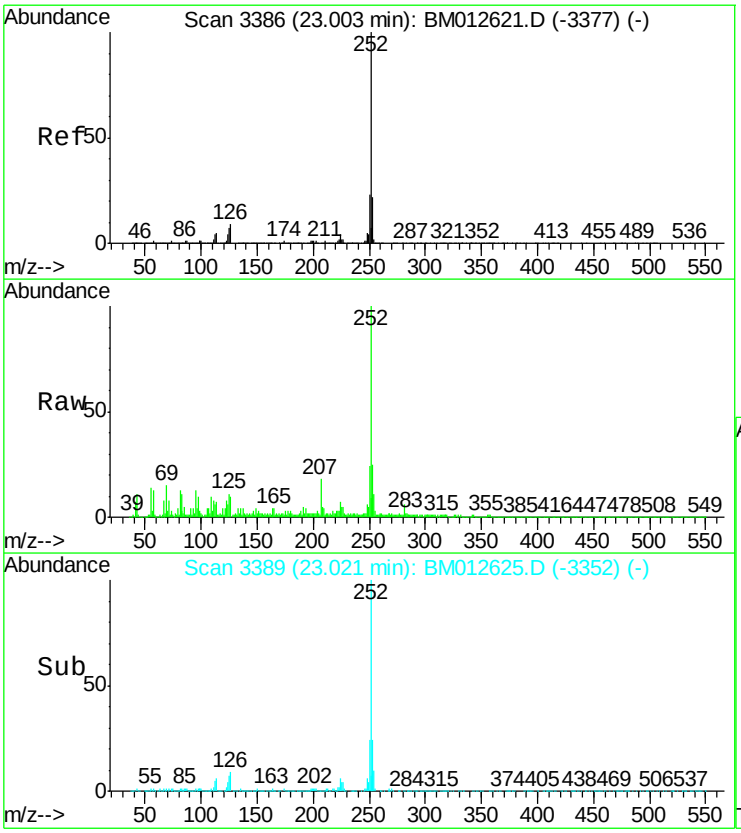
#82
Chrysene
Concen: 21.88 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. 0.01 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2852498

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	23.2	15.5	23.3

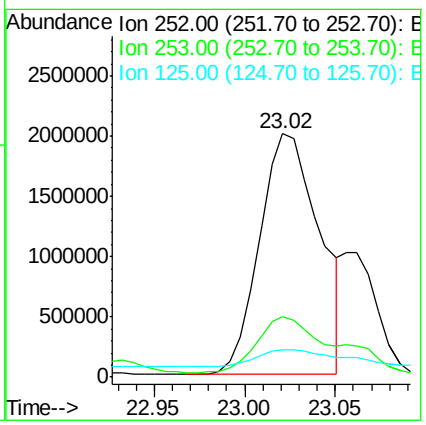


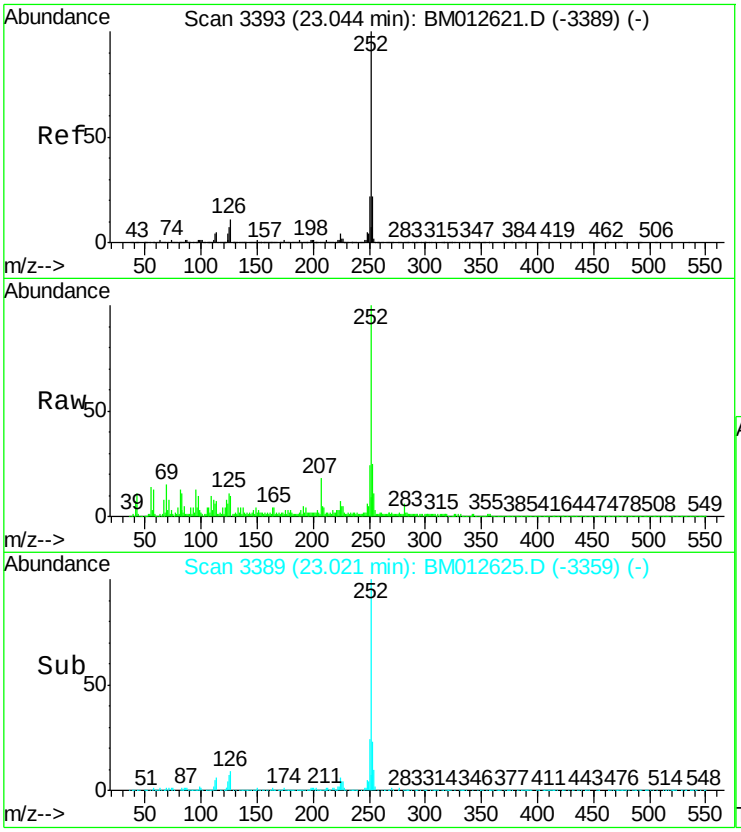


#85
Benzo(b)fluoranthene
Concen: 31.46 ng/ul
RT: 23.02 min Scan# 3389
Delta R.T. 0.02 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Tgt Ion:252 Resp: 4607530

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	11.2	3.6	5.4#



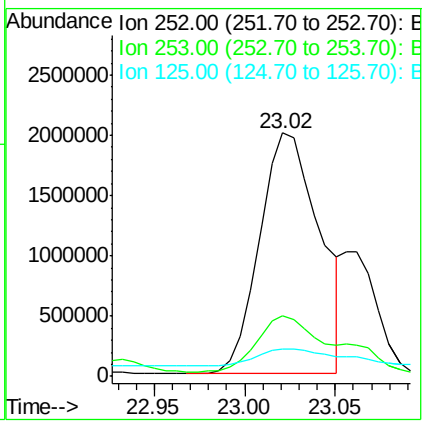


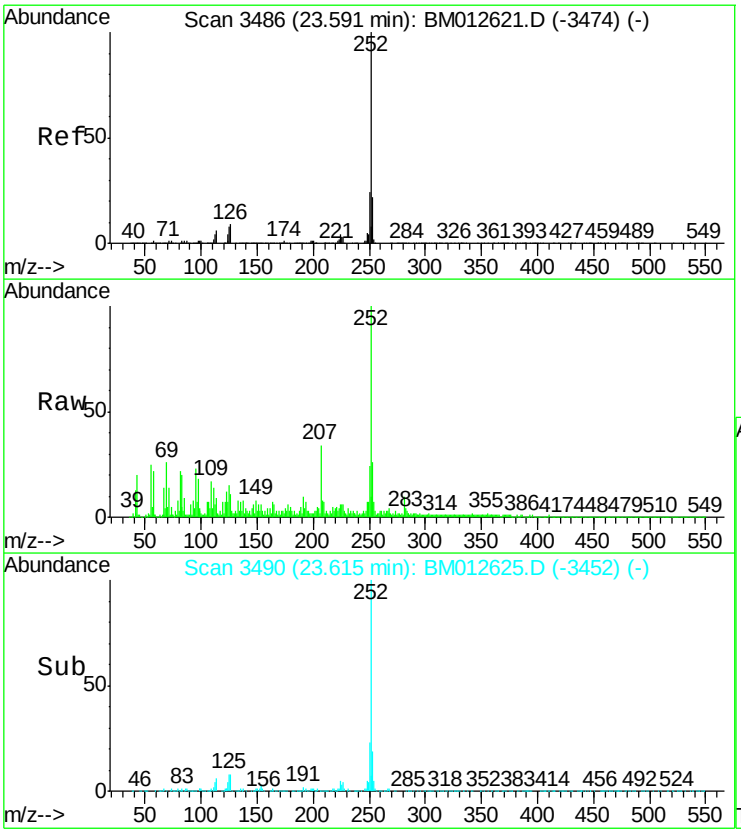
#86
Benzo(k)fluoranthene
Concen: 33.42 ng/ul
RT: 23.02 min Scan# 3389
Delta R.T. -0.02 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4607530

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	11.2	3.4	5.2#

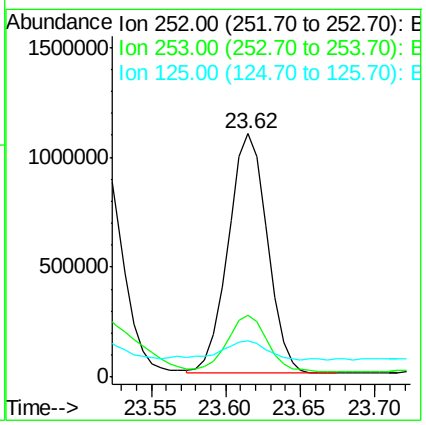


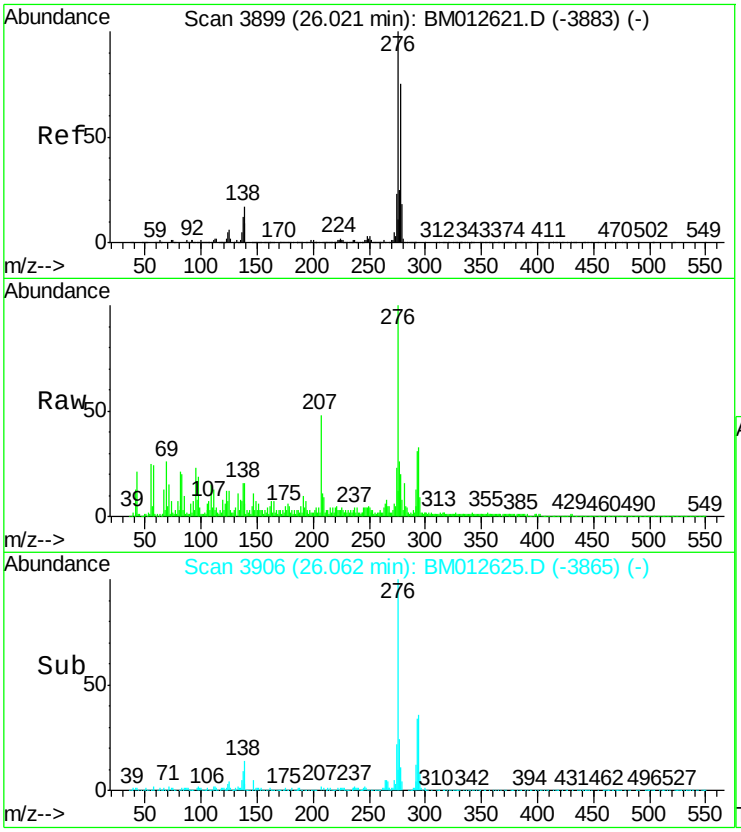


#88
Benzo(a)pyrene
Concen: 14.29 ng/ul
RT: 23.62 min Scan# 3490
Delta R.T. 0.02 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Tgt Ion:252 Resp: 1995363

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	15.0	4.0	6.0#



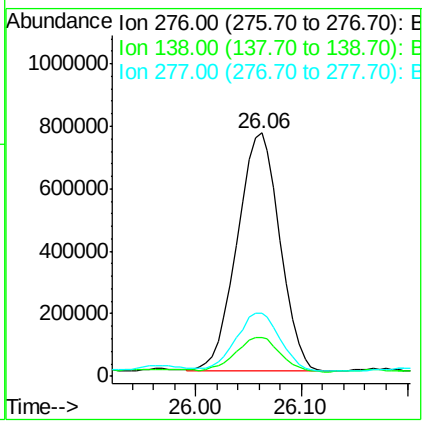


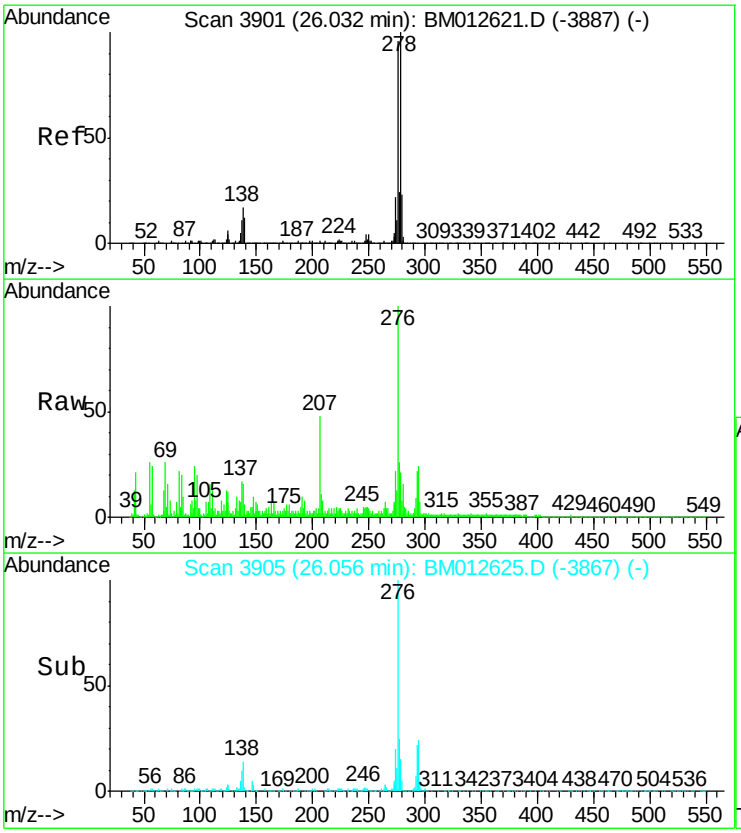
#89
Indeno(1,2,3-cd)pyrene
Concen: 13.08 ng/ul
RT: 26.06 min Scan# 3906
Delta R.T. 0.04 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2149552

Ion	Ratio	Lower	Upper
276	100		
138	15.8	9.3	13.9#
277	26.1	19.9	29.9

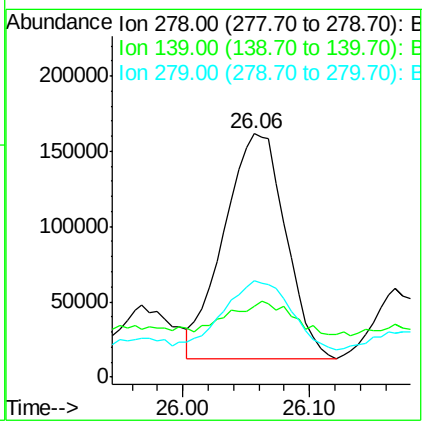


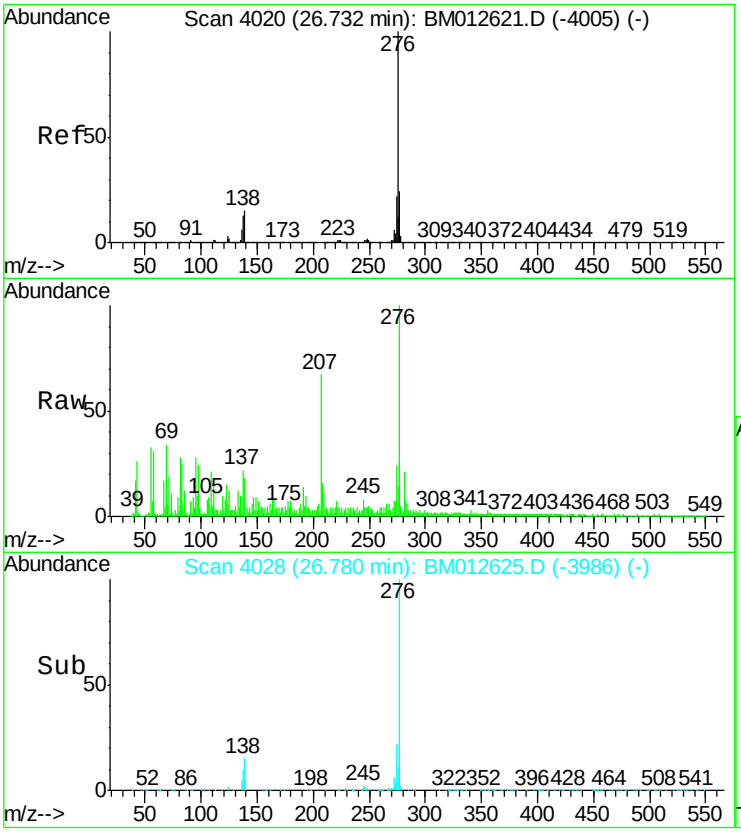


#90
Dibenzo(a,h)anthracene
Concen: 3.62 ng/ul
RT: 26.06 min Scan# 3905
Delta R.T. 0.02 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Tgt Ion:278 Resp: 504881

Ion	Ratio	Lower	Upper
278	100		
139	29.1	5.8	8.8#
279	39.7	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 12.66 ng/ul
RT: 26.78 min Scan# 4028
Delta R.T. 0.05 min
Lab File: BM012625.D
Acq: 01 Nov 2017 04:55

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1686031

Ion	Ratio	Lower	Upper
276	100		
138	17.7	8.5	12.7#
277	25.7	18.6	28.0