Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021648.D
Acq On : 25 Jul 2019 22:17
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 26 01:09:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	144108	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	649212	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	459880	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1092333	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1343381	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1319963	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	7144	2.70	ng/uL	0.00
5) Phenol-d5	6.87	99	169248	13.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	102027	14.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	147081	15.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	122661	11.75	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	77109	16.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	85074	16.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	182596	15.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	138280	12.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	613718	15.57	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	750752	15.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	48002	7.10	ng/ul	0.01
57) Fluorene-d10	15.34	176	609921	17.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	24254	3.55	ng/ul	0.00
70) Anthracene-d10	17.20	188	1008568	18.77	ng/ul	0.00
78) Pyrene-d10	19.50	212	1320161	20.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1337676	18.98	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.86	77	6748	1.310	ng/ul#	76
6) Phenol	6.90	94	14919	1.269	ng/ul	92
14) Acetophenone	8.53	105	38771	2.474	ng/ul	97
44) Dimethylphthalate	13.81	163	235950	6.238	ng/ul	99
47) Acenaphthylene	14.06	152	55471	1.304	ng/ul	98
69) Phenanthrene	17.14	178	402165	6.748	ng/ul	98
71) Anthracene	17.14	178	402165	6.672	ng/ul	98
76) Fluoranthene	19.16	202	902912	12.221	ng/ul	98
79) Pyrene	19.53	202	684242	8.551	ng/ul	97
82) Benzo(a)anthracene	21.27	228	469353	5.330	ng/ul	94
84) Chrysene	21.33	228	430490	5.126	ng/ul#	95
87) Benzo(b)fluoranthene	22.87	252	567400	7.110	ng/ul#	89
88) Benzo(k)fluoranthene	22.87	252	567400	7.248	ng/ul#	90
90) Benzo(a)pyrene	23.44	252	328825	4.291	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.80	276	220762	2.372	ng/ul	98
93) Benzo(g,h,i)perylene	26.49	276	205581	2.728	ng/ul	97

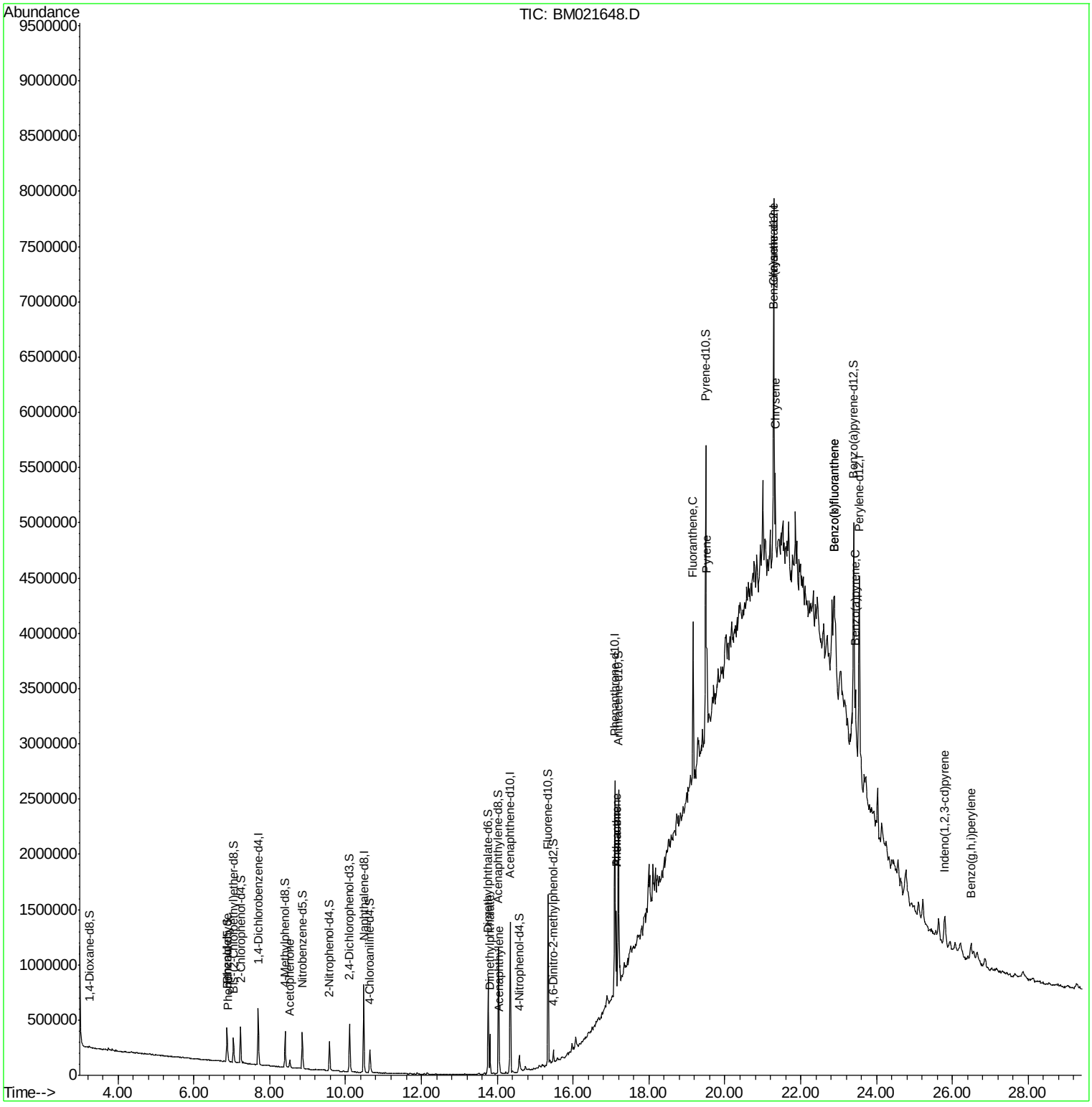
(#) = qualifier out of range (m) = manual integration (+) = signals summed

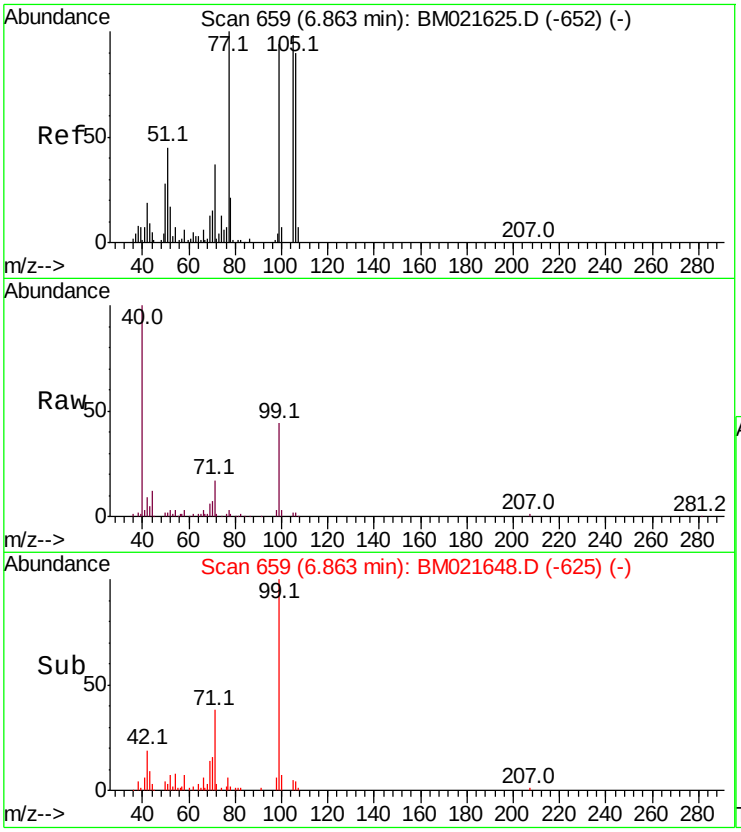
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021648.D
Acq On : 25 Jul 2019 22:17
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 26 01:09:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration



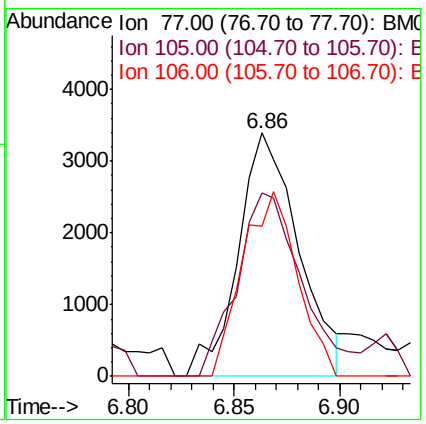


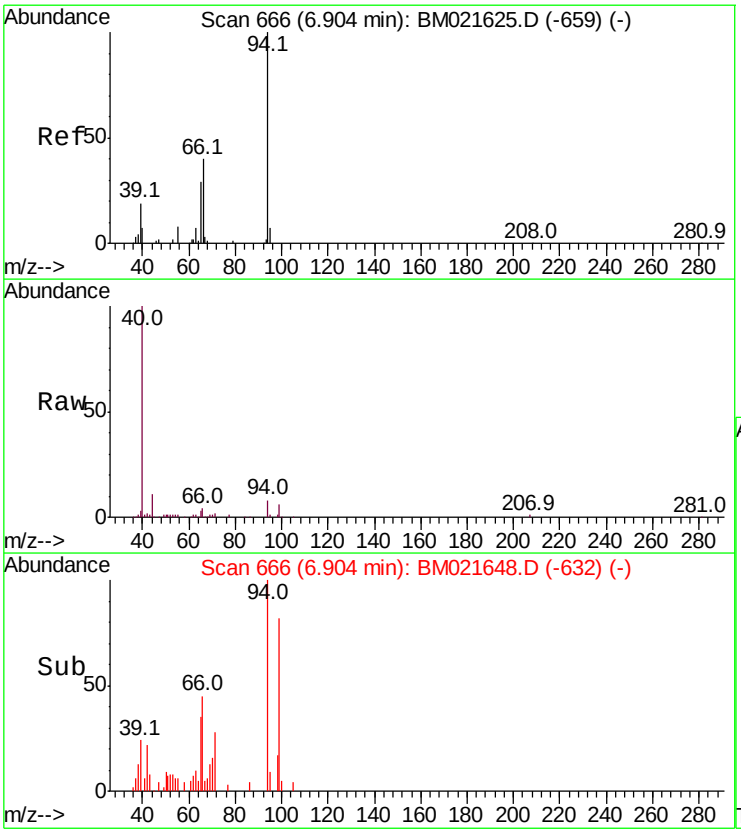
#4
Benzaldehyde
Concen: 1.310 ng/ul
RT: 6.86 min Scan# 659
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 6748

Ion	Ratio	Lower	Upper
77	100		
105	75.2	75.8	113.8#
106	61.7	70.9	106.3#

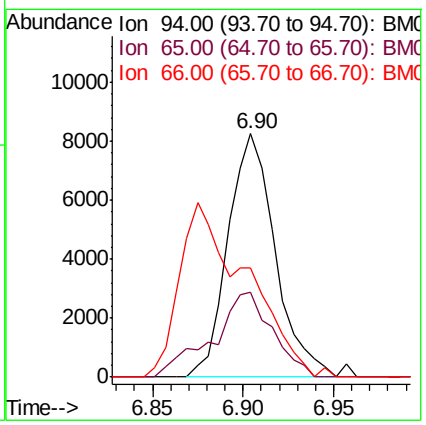


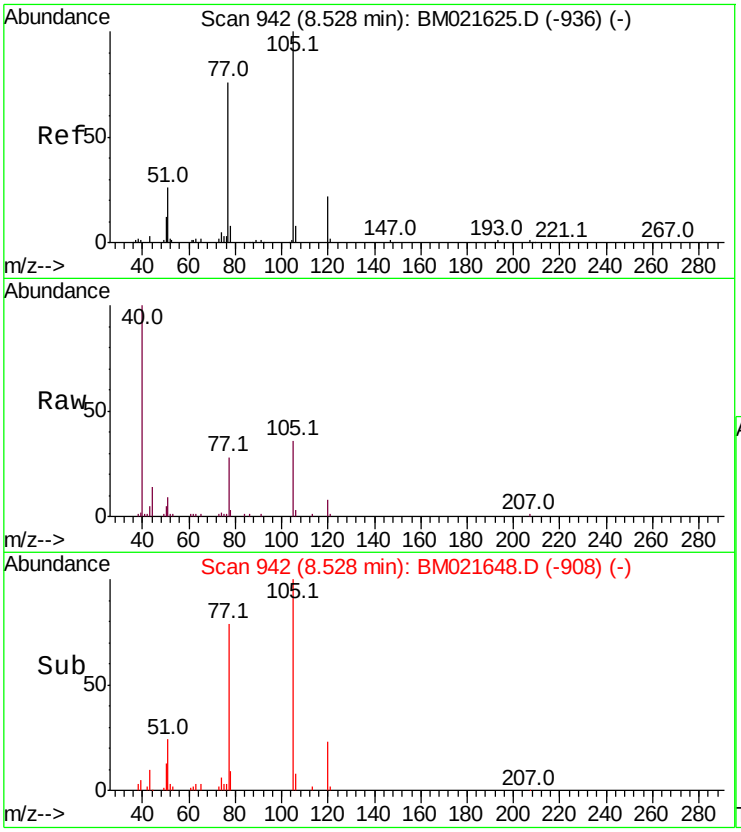


#6
Phenol
Concen: 1.269 ng/ul
RT: 6.90 min Scan# 666
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Tgt Ion: 94 Resp: 14919

Ion	Ratio	Lower	Upper
94	100		
65	34.9	23.3	34.9
66	45.0	33.2	49.8



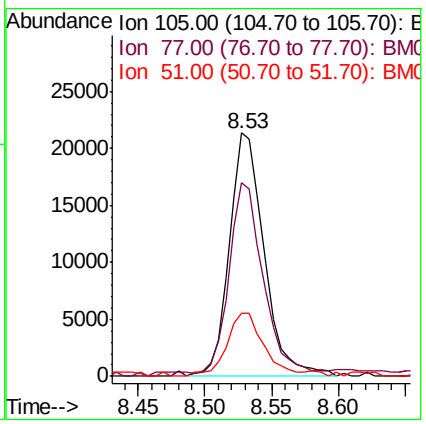


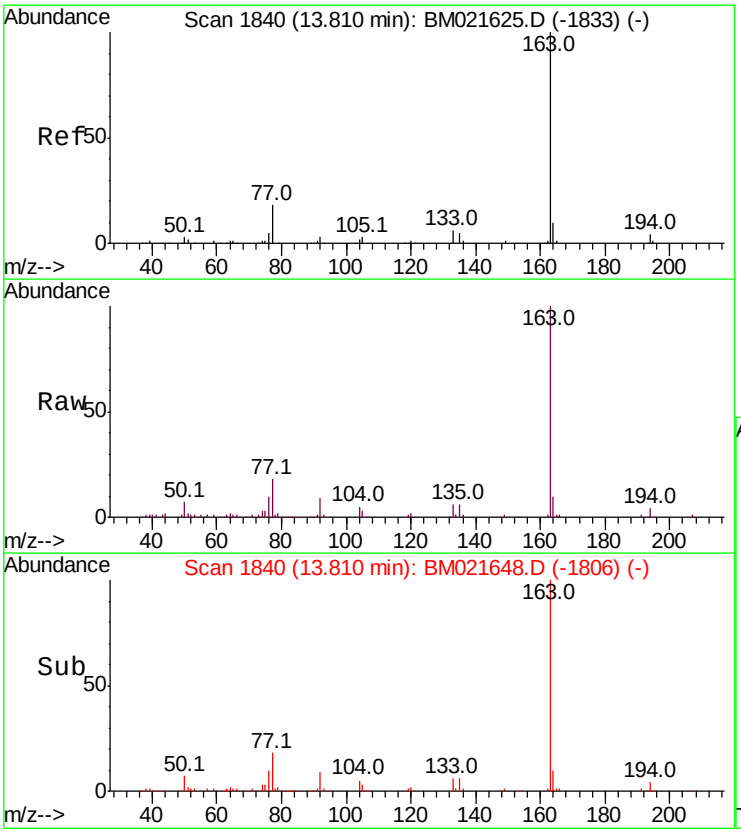
#14
Acetophenone
Concen: 2.474 ng/ul
RT: 8.53 min Scan# 942
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 38771

Ion	Ratio	Lower	Upper
105	100		
77	79.4	66.3	99.5
51	25.9	20.2	30.2

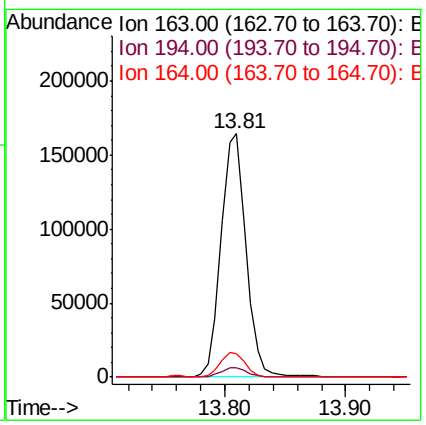


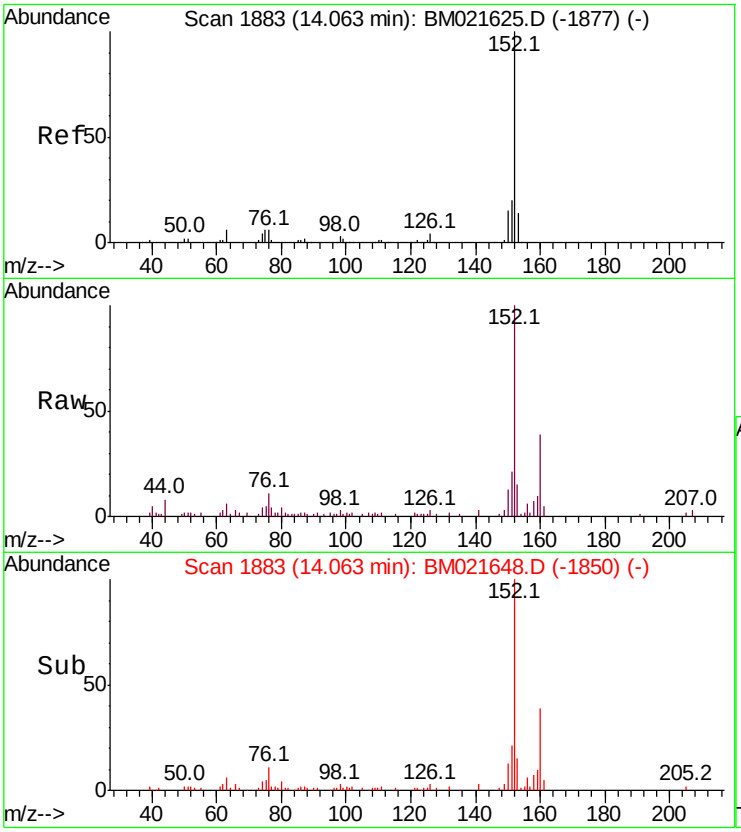


#44
Dimethylphthalate
Concen: 6.238 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Tgt Ion:163 Resp: 235950

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.8	8.2	12.4



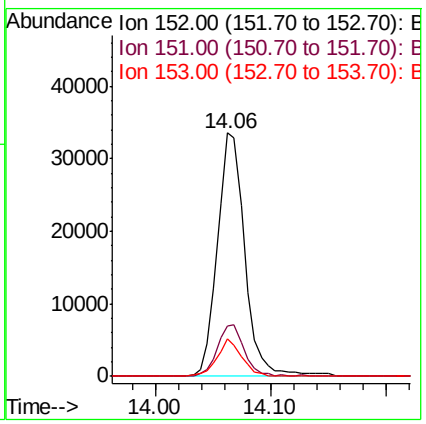


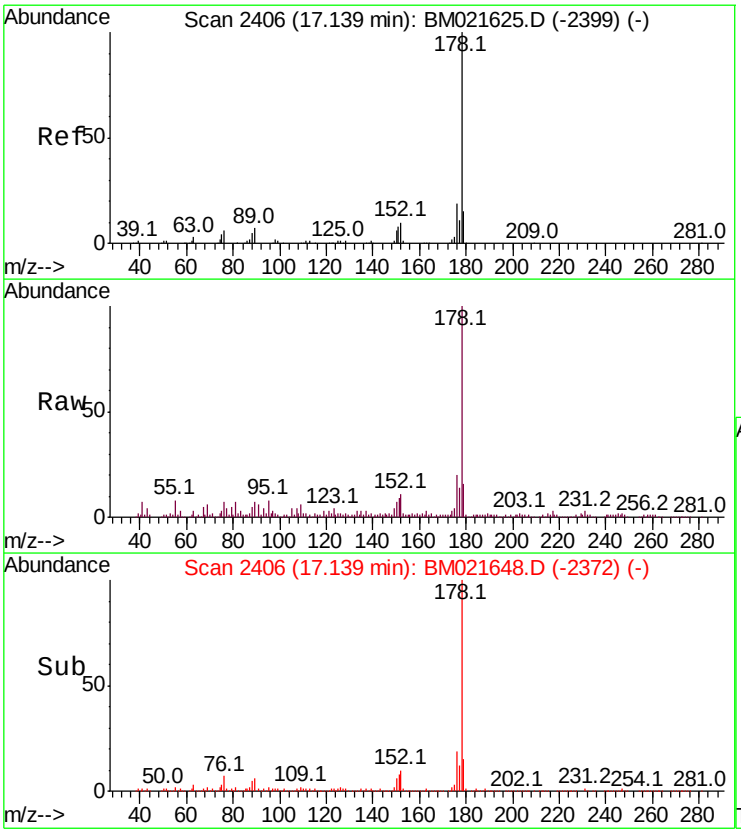
#47
Acenaphthylene
Concen: 1.304 ng/ul
RT: 14.06 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 55471

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7
153	15.4	10.3	15.5

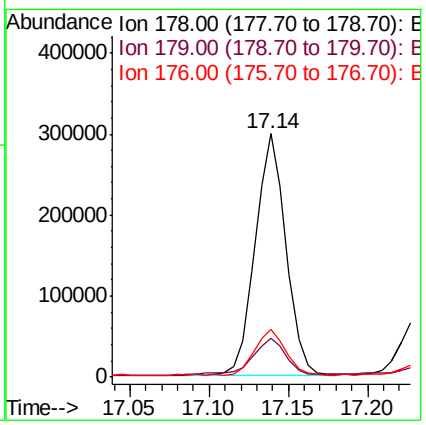


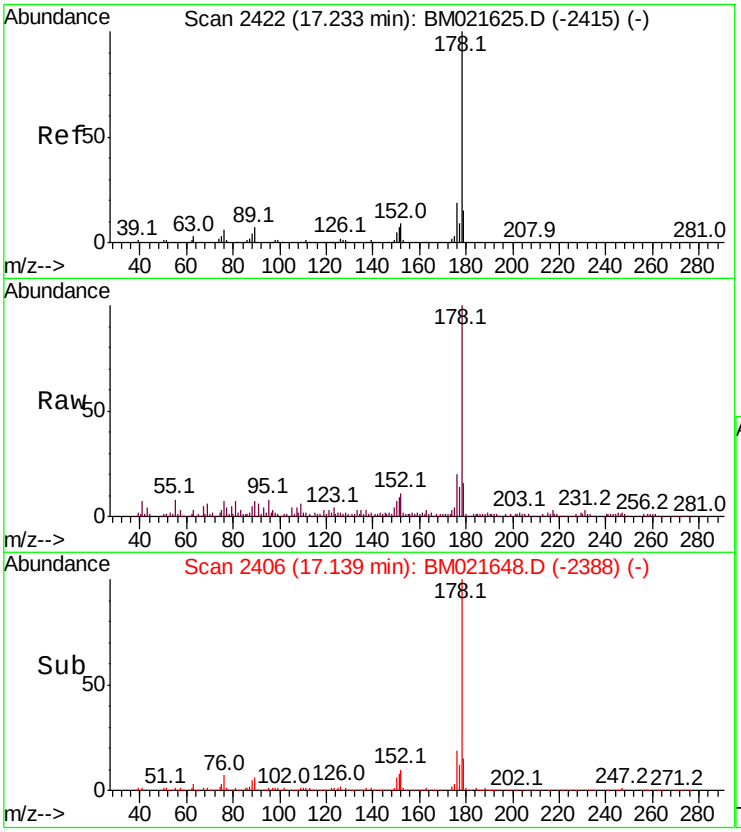


#69
Phenanthrene
Concen: 6.748 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Tgt Ion:178 Resp: 402165

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	19.7	15.0	22.4



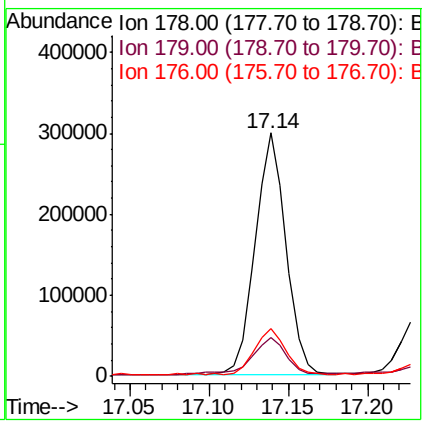


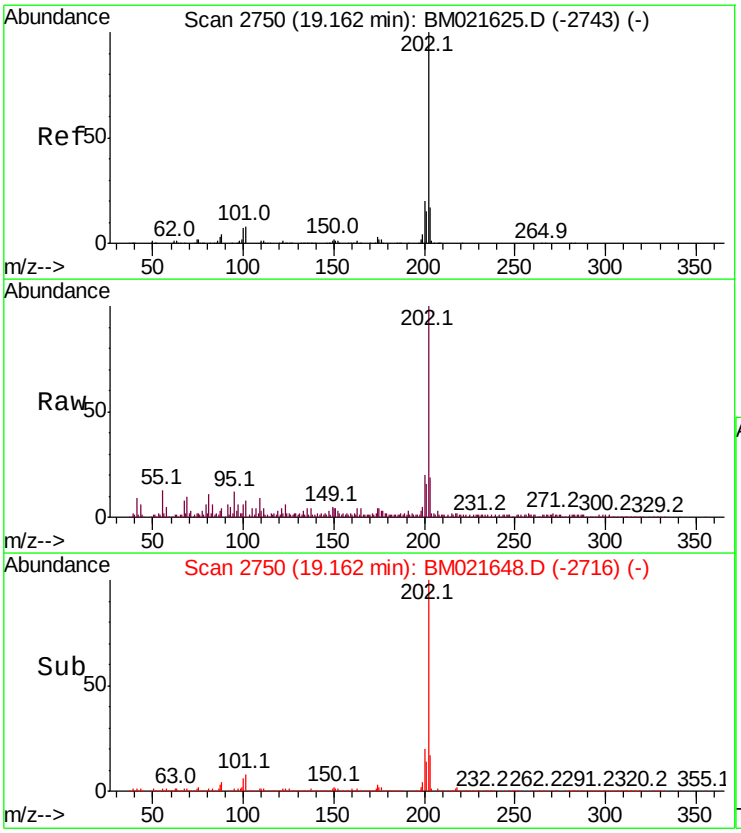
#71
Anthracene
Concen: 6.672 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.09 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 402165

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	19.7	14.6	21.8

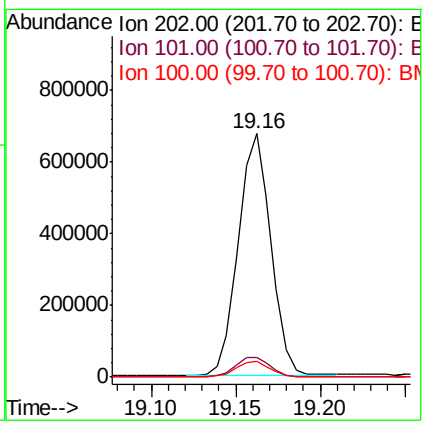


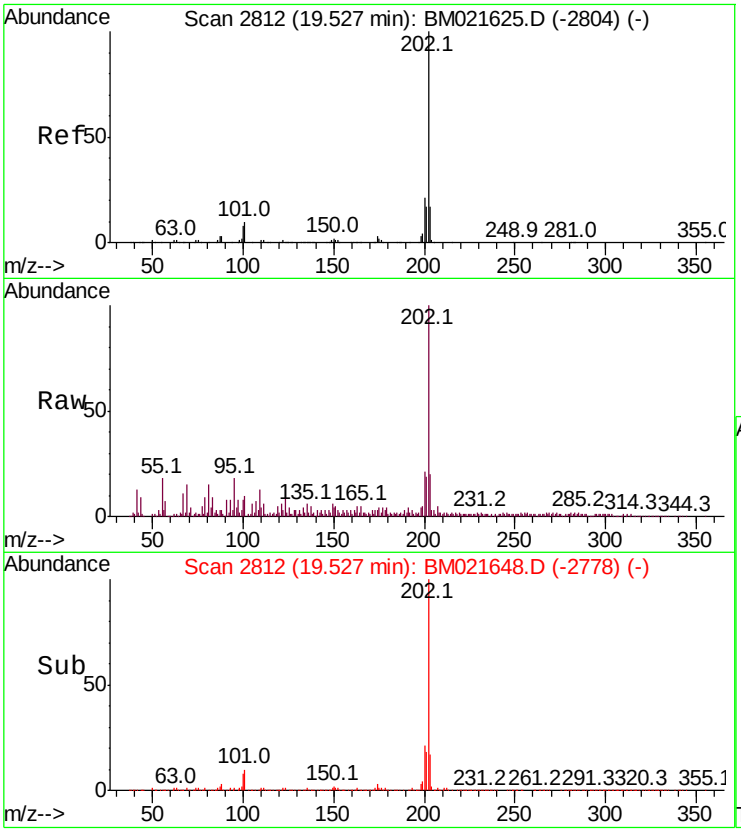


#76
Fluoranthene
Concen: 12.221 ng/ul
RT: 19.16 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Tgt Ion:202 Resp: 902912

Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.2	10.8
100	6.3	5.6	8.4



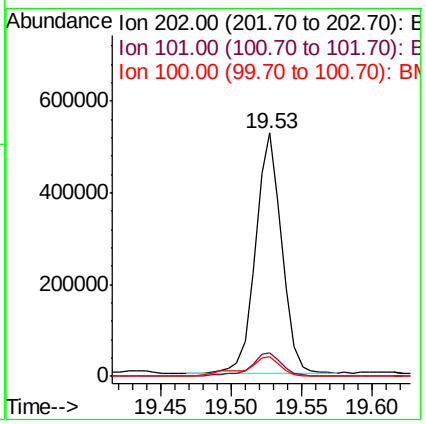


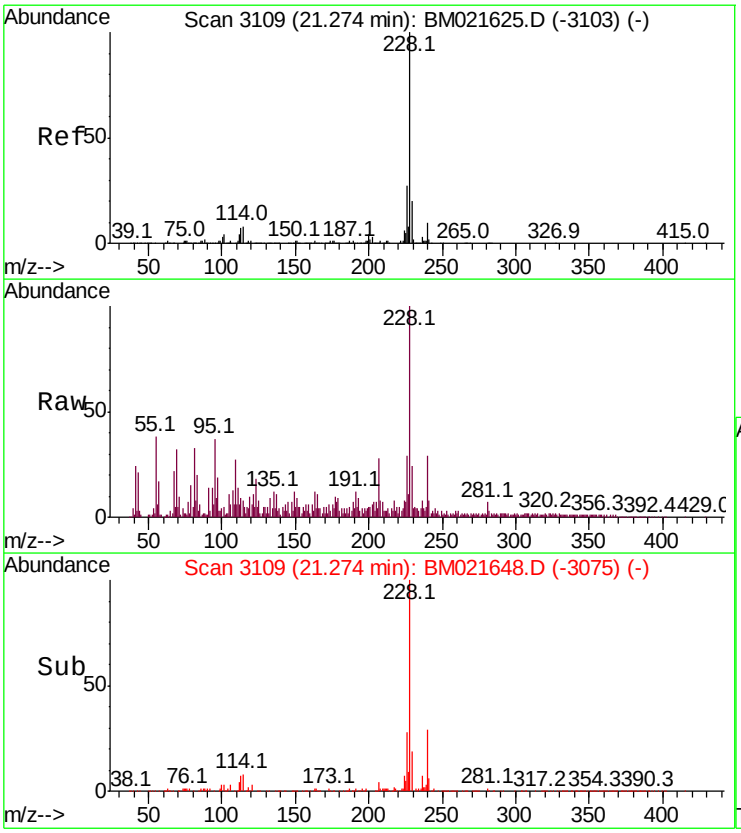
#79
Pyrene
Concen: 8.551 ng/ul
RT: 19.53 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 684242

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.6	13.0
100	7.9	7.1	10.7

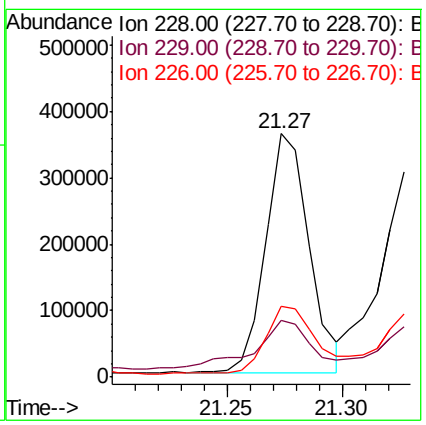


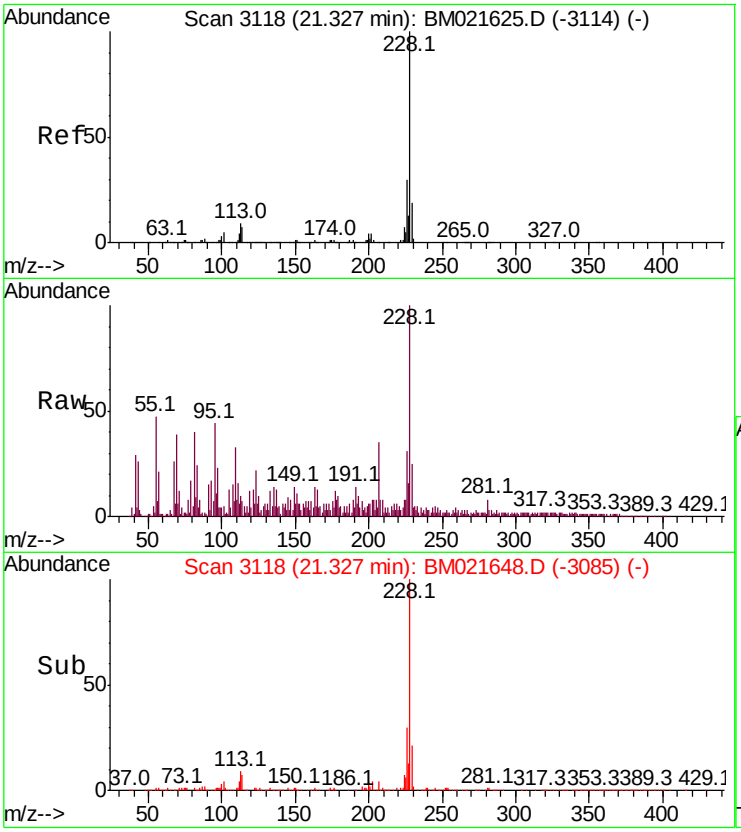


#82
Benzo(a)anthracene
Concen: 5.330 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Tgt Ion:228 Resp: 469353

Ion	Ratio	Lower	Upper
228	100		
229	23.5	15.8	23.6
226	28.9	21.7	32.5



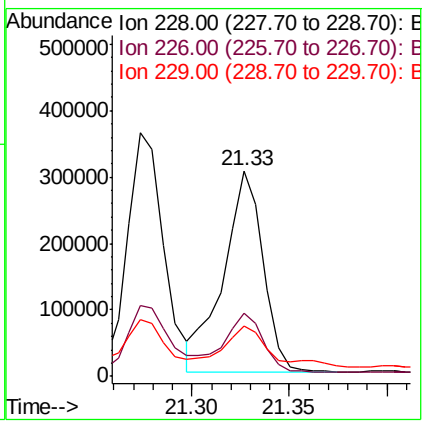


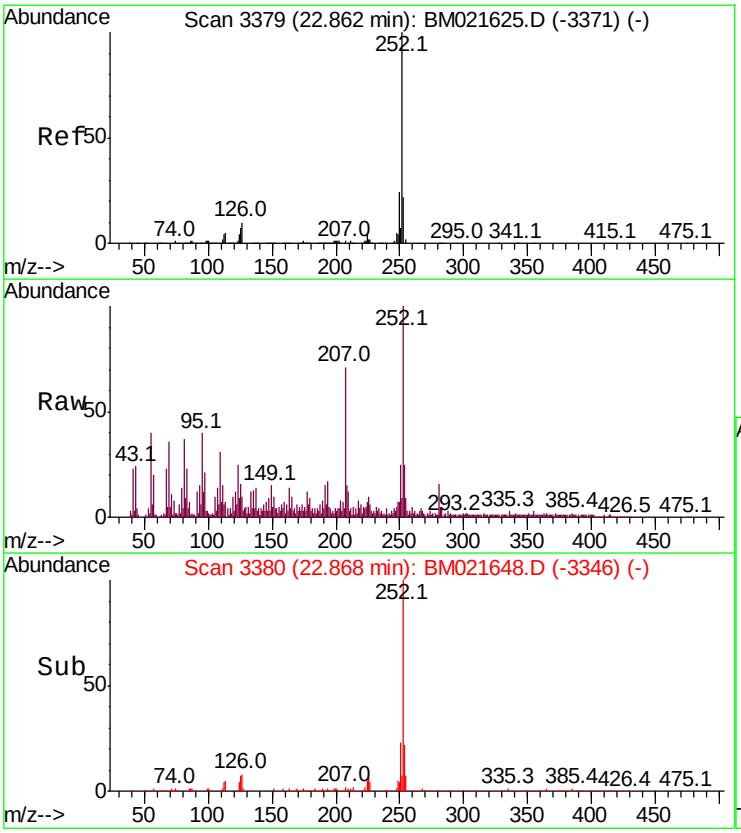
#84
Chrysene
Concen: 5.126 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 430490

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	24.8	15.4	23.2#

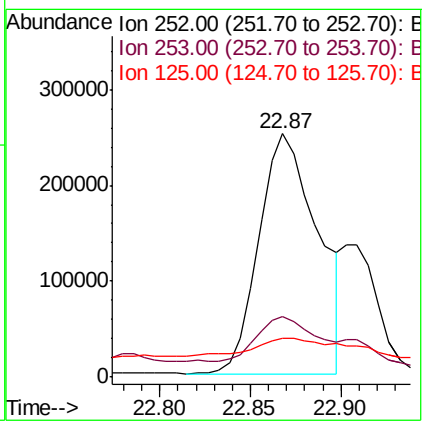


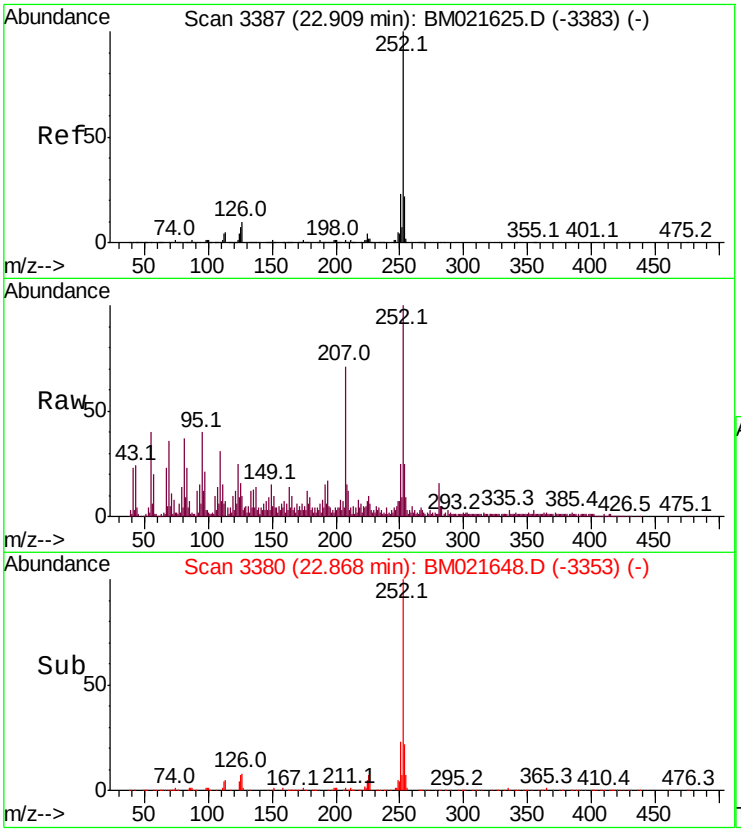


#87
Benzo(b)fluoranthene
Concen: 7.110 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Tgt Ion:252 Resp: 567400

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.6	26.4
125	15.8	5.8	8.6#



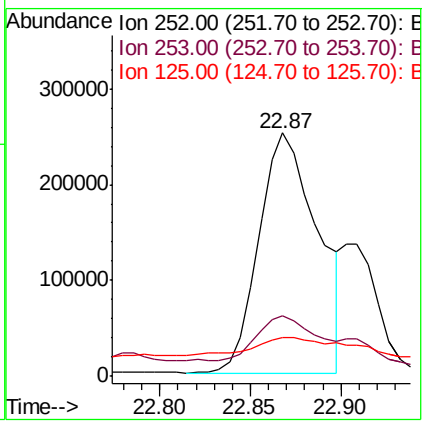


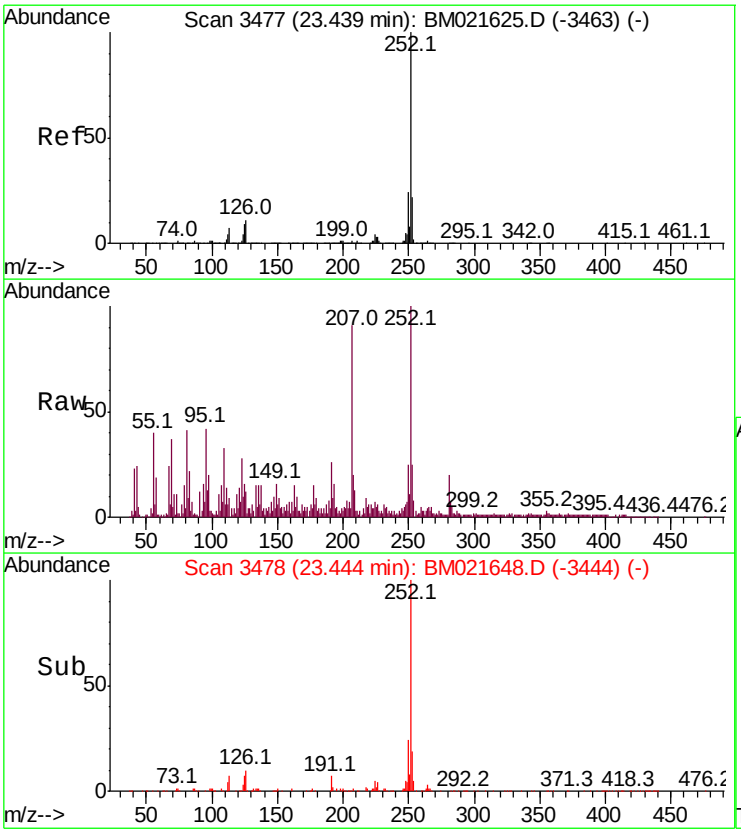
#88
Benzo(k)fluoranthene
Concen: 7.248 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. -0.04 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 567400

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.7	26.5
125	15.8	6.4	9.6#

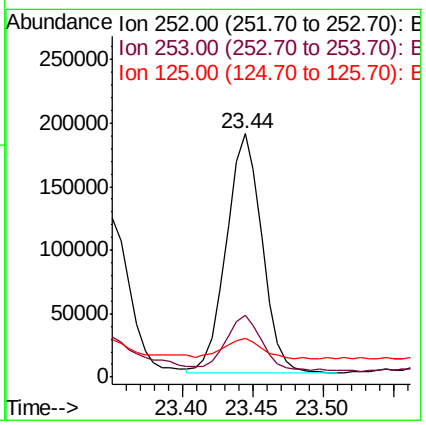


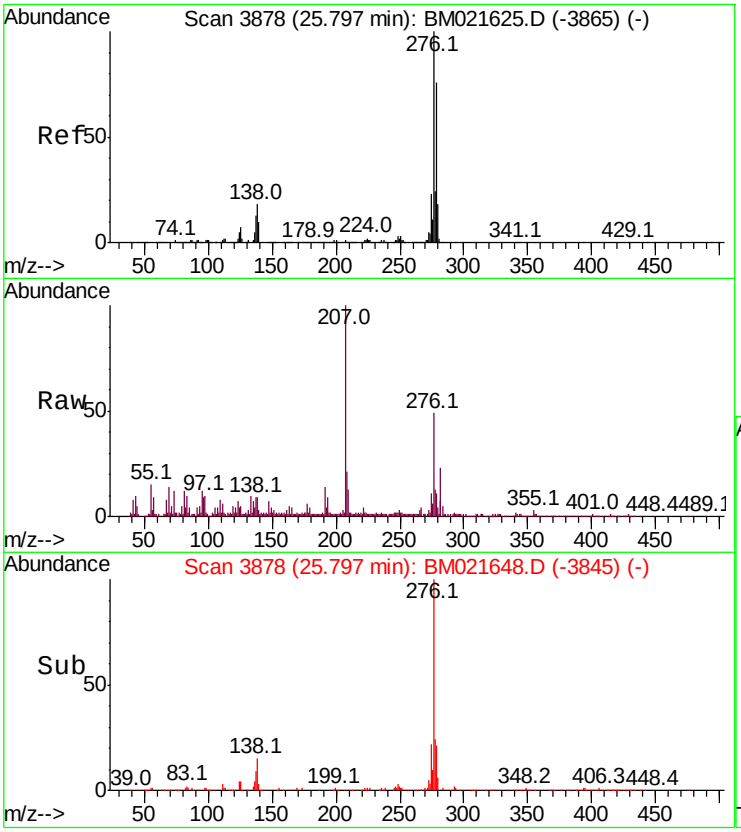


#90
Benzo(a)pyrene
Concen: 4.291 ng/ul
RT: 23.44 min Scan# 3478
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Tgt Ion:252 Resp: 328825

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	16.0	7.0	10.4#



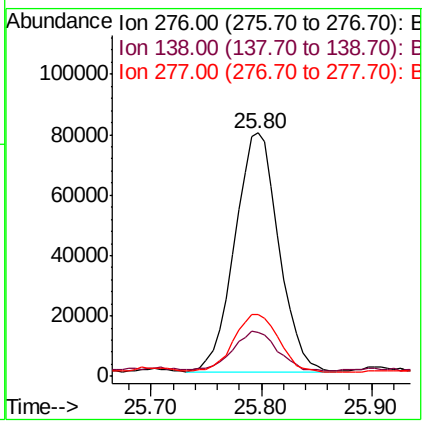


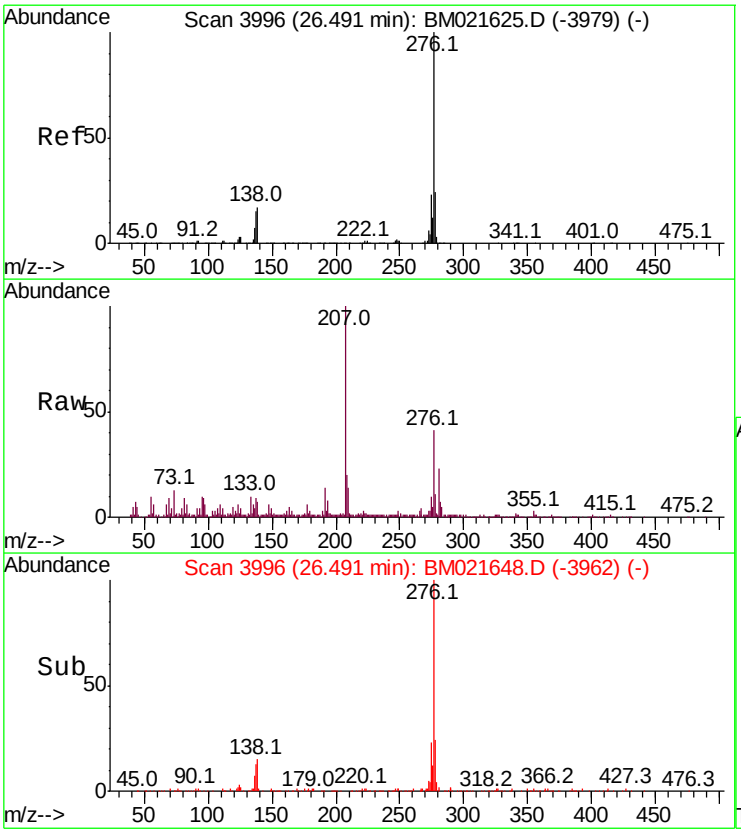
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.372 ng/ul
RT: 25.80 min Scan# 3878
Delta R.T. -0.01 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 220762

Ion	Ratio	Lower	Upper
276	100		
138	17.9	15.2	22.8
277	25.6	20.2	30.2





#93
Benzo(g,h,i)perylene
Concen: 2.728 ng/ul
RT: 26.49 min Scan# 3996
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Tgt Ion:276 Resp: 205581

Ion	Ratio	Lower	Upper
276	100		
138	17.4	13.7	20.5
277	25.8	19.0	28.6