Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021297.D
Acq On : 30 Jun 2019 14:08
Operator : HP/JU
Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB1

Quant Time: Jul 01 00:30:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	359028	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1520750	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	882018	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1679350	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1339155	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1668157	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	15760	2.08	ng/uL	0.00
5) Phenol-d5	6.93	99	442207	14.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	256558	13.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	379028	14.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	334177	12.81	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	199553	16.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	240720	17.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	447764	16.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	466523	16.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1369702	17.19	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1605793	16.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	145720	11.24	ng/ul	0.00
57) Fluorene-d10	15.40	176	1104466	15.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	89289	8.65	ng/ul	0.00
70) Anthracene-d10	17.25	188	1460359	16.73	ng/ul	0.00
78) Pyrene-d10	19.54	212	1387661	17.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1673843	17.01	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.86	163	228503	3.150	ng/ul	99
49) Acenaphthene	14.46	153	88893	1.452	ng/ul	99
53) Dibenzofuran	14.80	168	87267	1.001	ng/ul	96
58) Fluorene	15.45	166	103256	1.458	ng/ul	100
69) Phenanthrene	17.19	178	2857722	30.769	ng/ul	99
71) Anthracene	17.29	178	330703	3.494	ng/ul	99
74) Carbazole	17.56	167	215598	2.764	ng/ul	98
76) Fluoranthene	19.22	202	5388822	53.698	ng/ul	100
79) Pyrene	19.58	202	4288066	45.293	ng/ul	99
82) Benzo(a)anthracene	21.33	228	2027265	22.205	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	121133	2.428	ng/ul	99
84) Chrysene	21.38	228	2502537	29.268	ng/ul	98
87) Benzo(b)fluoranthene	22.94	252	3601217	34.080	ng/ul#	98
88) Benzo(k)fluoranthene	22.94	252	3601217	35.425	ng/ul#	98
90) Benzo(a)pyrene	23.52	252	2331048	23.437	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	1895035	16.181	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.82	278	101768	1.033	ng/ul	93
93) Benzo(g,h,i)perylene	26.62	276	1700973	17.634	ng/ul	98

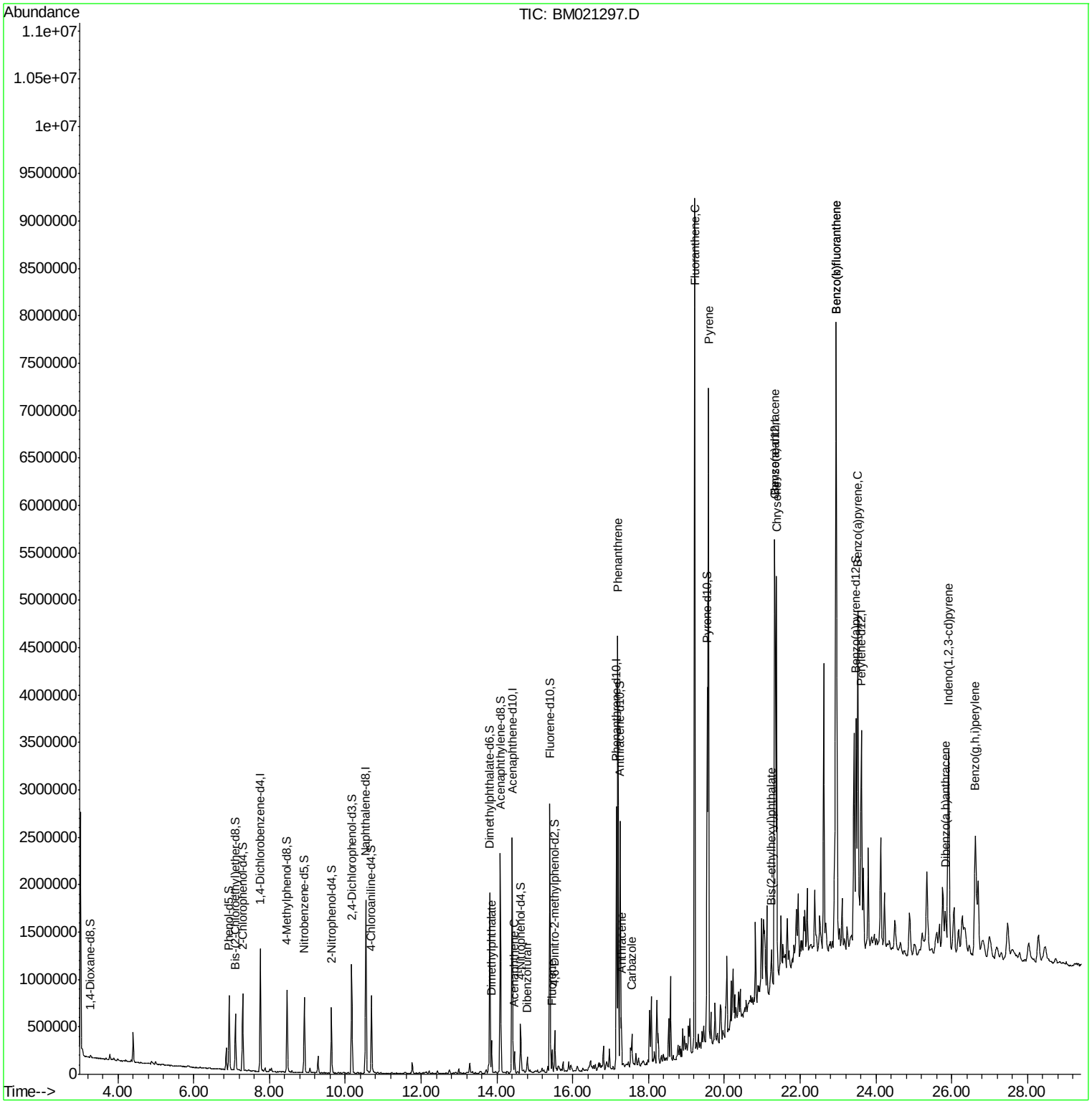
(#) = qualifier out of range (m) = manual integration (+) = signals summed

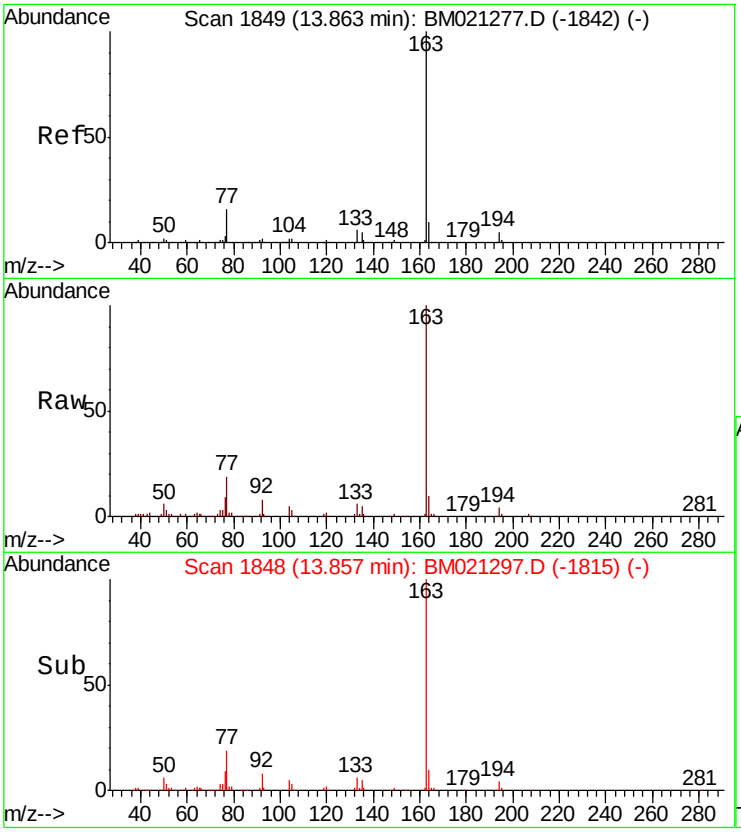
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021297.D
Acq On : 30 Jun 2019 14:08
Operator : HP/JU
Sample : K3590-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BB1

Quant Time: Jul 01 00:30:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration



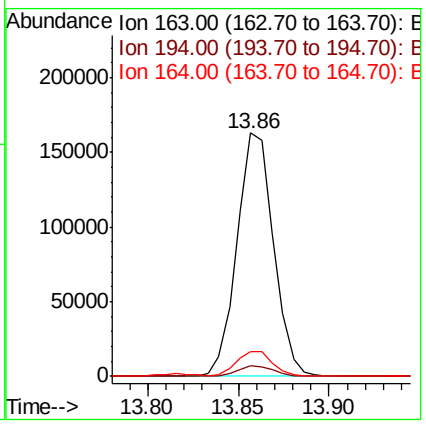


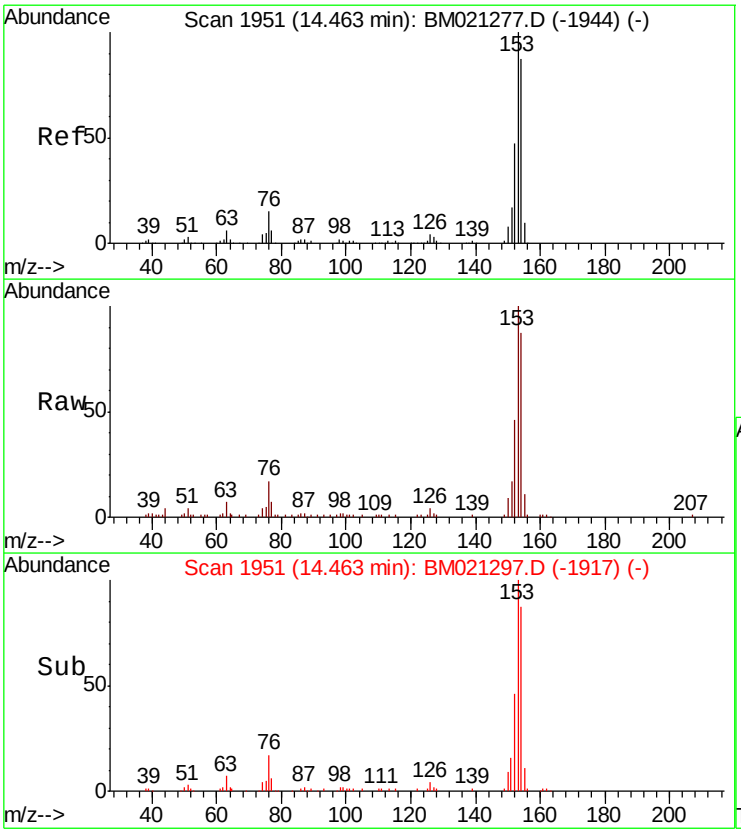
#44
Dimethylphthalate
Concen: 3.150 ng/ul
RT: 13.86 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Instrument :
BNA_M
ClientSampleId :
C5BB1

Tgt Ion:163 Resp: 228503

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.3	7.7	11.5

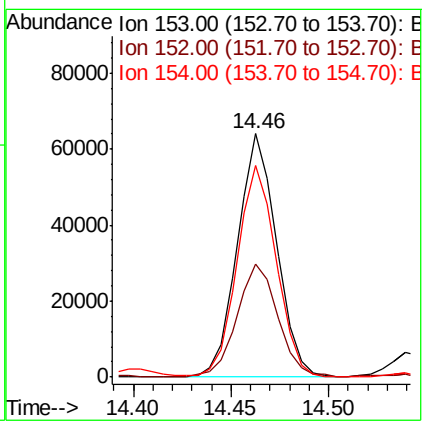


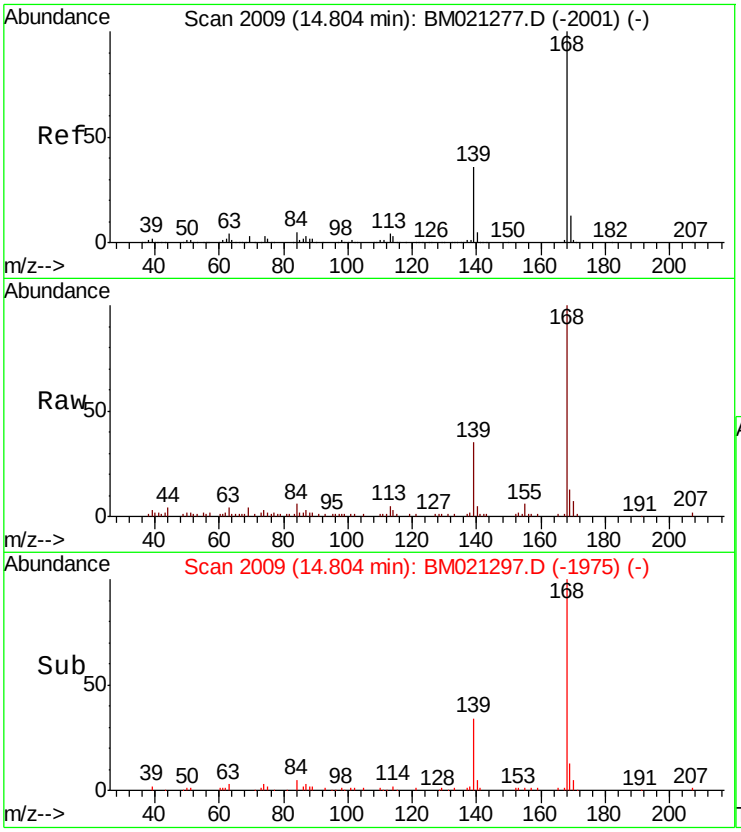


#49
Acenaphthene
Concen: 1.452 ng/ul
RT: 14.46 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Tgt Ion:153 Resp: 88893

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.3	55.9
154	86.7	70.5	105.7



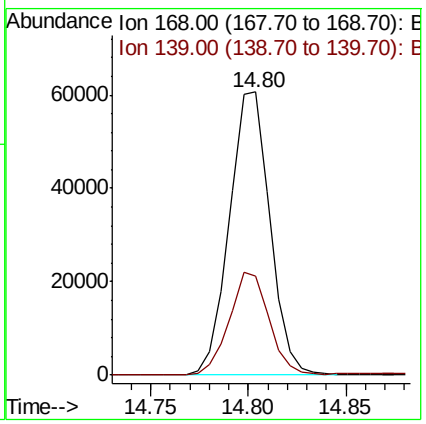


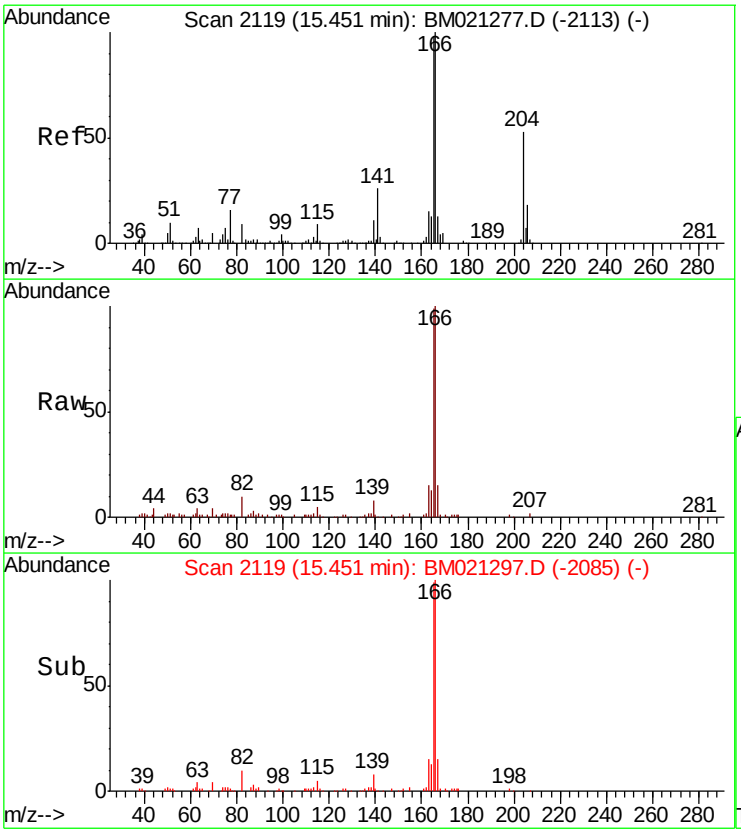
#53
Dibenzofuran
Concen: 1.001 ng/ul
RT: 14.80 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Instrument :
BNA_M
ClientSampleId :
C5BB1

Tgt Ion:168 Resp: 87267

Ion	Ratio	Lower	Upper
168	100		
139	35.0	29.7	44.5

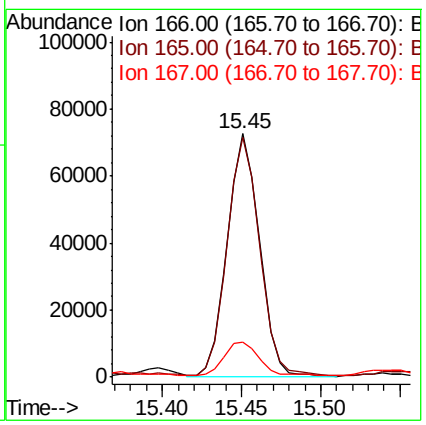


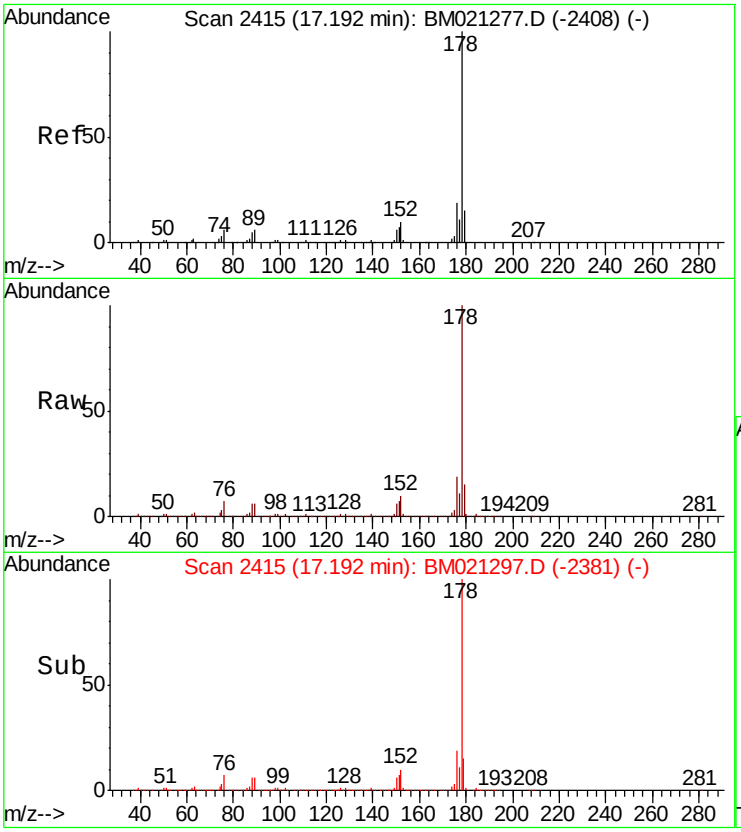


#58
Fluorene
Concen: 1.458 ng/ul
RT: 15.45 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Tgt Ion:166 Resp: 103256

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.4
167	14.5	10.6	16.0



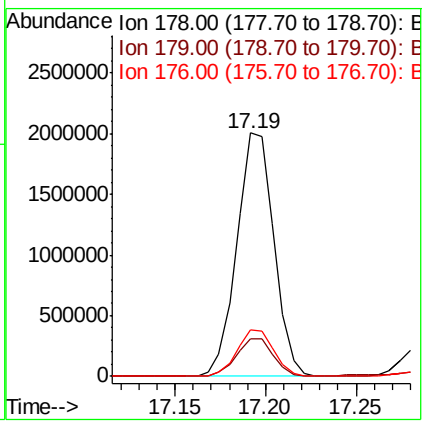


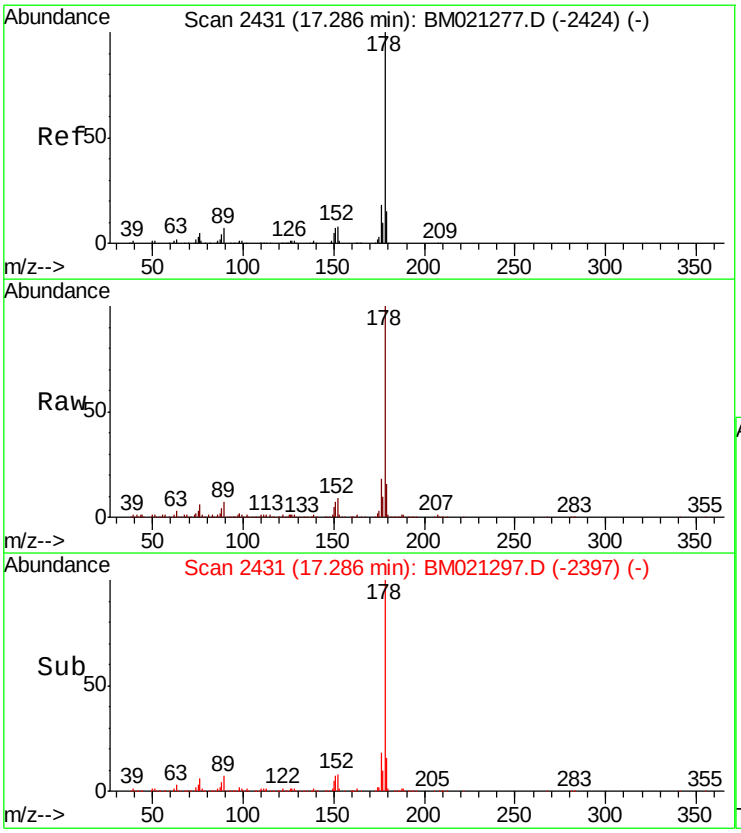
#69
Phenanthrene
Concen: 30.769 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Instrument :
BNA_M
ClientSampleId :
C5BB1

Tgt Ion:178 Resp: 2857722

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.9	15.0	22.6

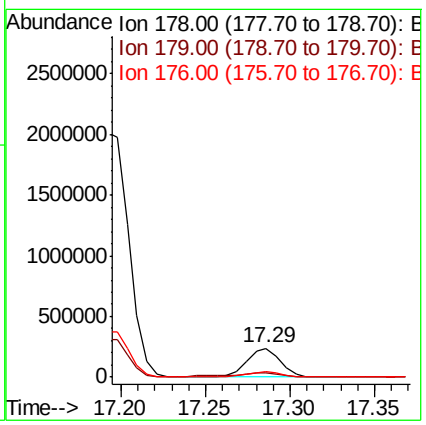


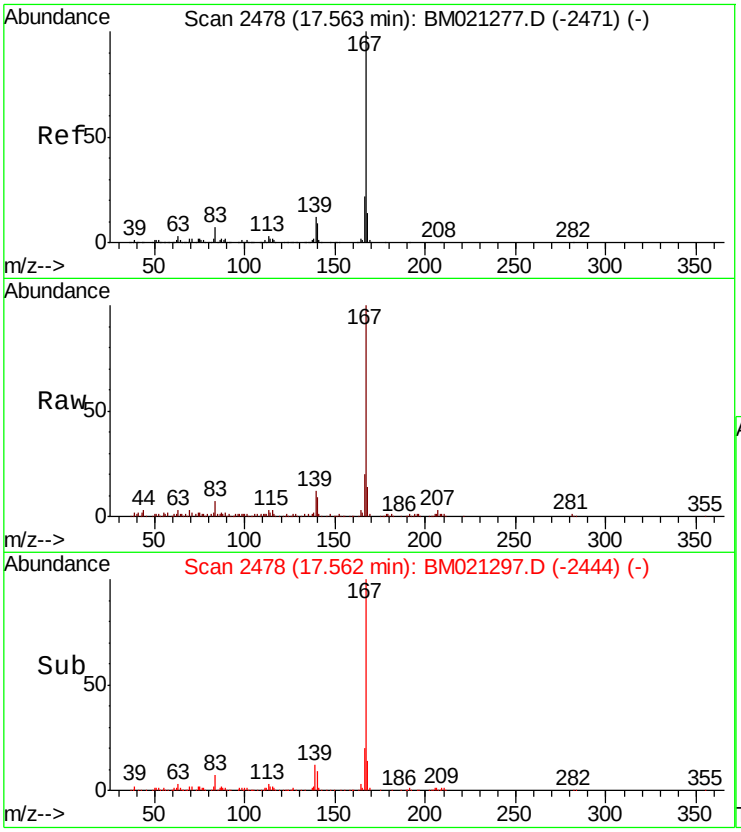


#71
Anthracene
Concen: 3.494 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Tgt Ion:178 Resp: 330703

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	18.0	14.6	21.8



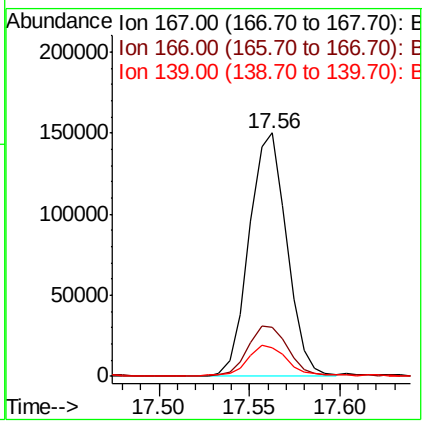


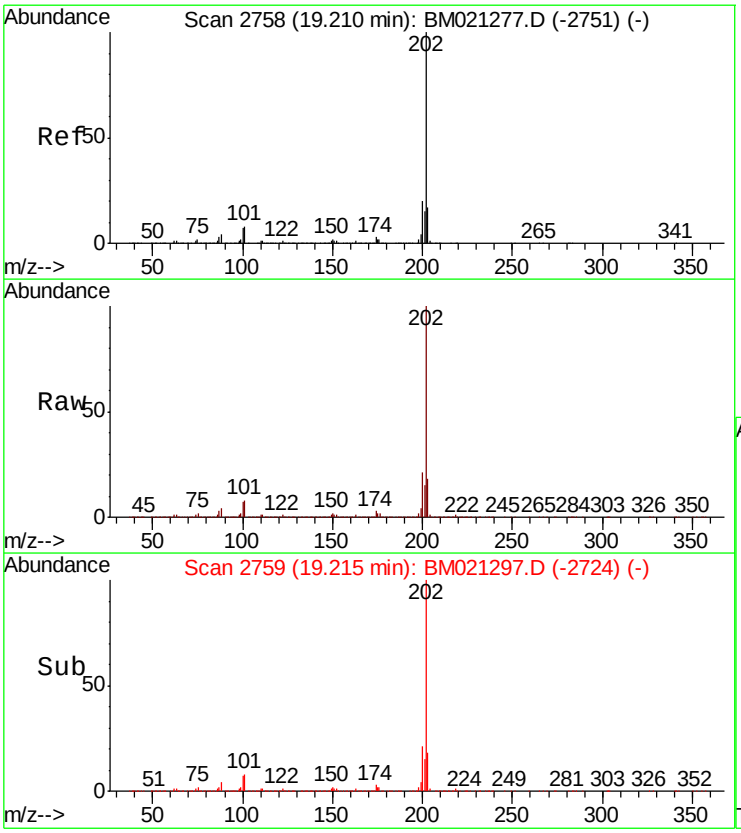
#74
Carbazole
Concen: 2.764 ng/ul
RT: 17.56 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Instrument :
BNA_M
ClientSampleId :
C5BB1

Tgt Ion:167 Resp: 215598

Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.4	26.2
139	11.9	9.8	14.6

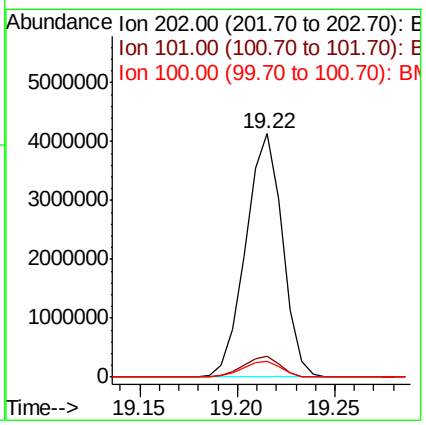


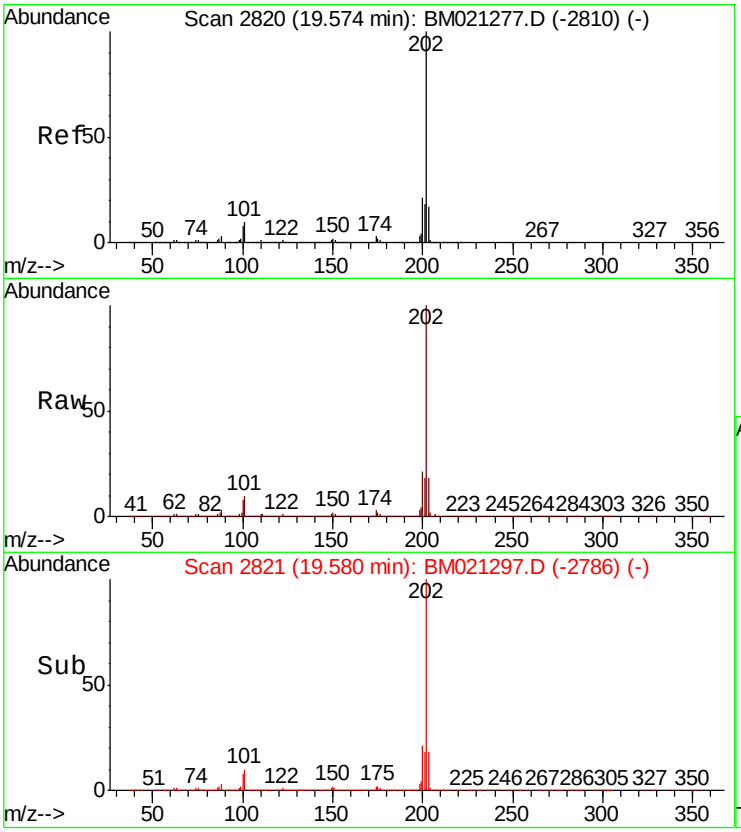


#76
Fluoranthene
Concen: 53.698 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. 0.01 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Tgt Ion:202 Resp: 5388822

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.7	10.1
100	6.7	5.5	8.3



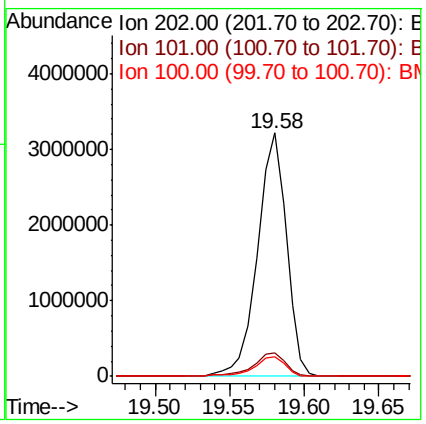


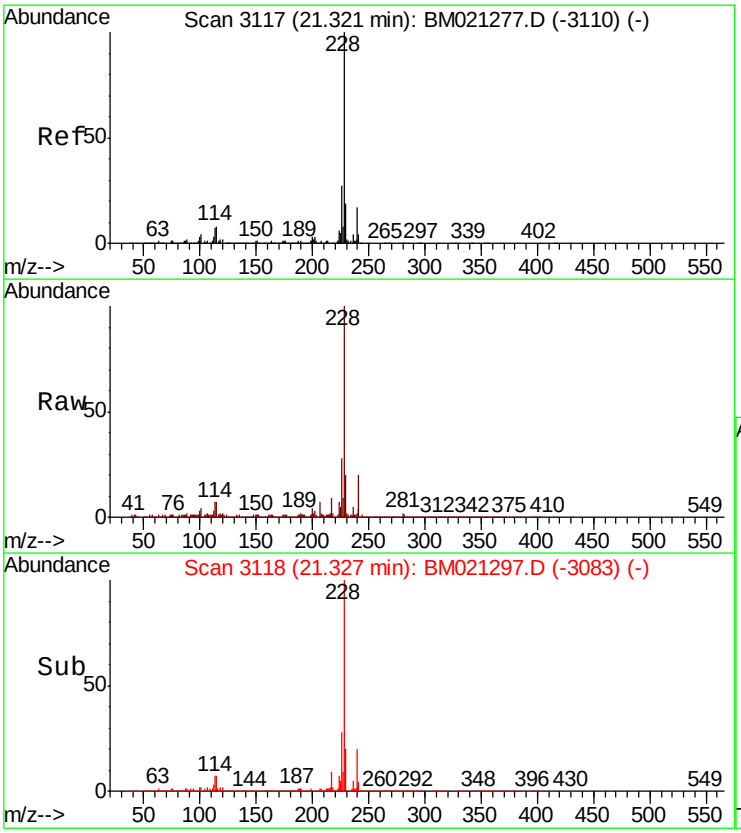
#79
Pyrene
Concen: 45.293 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. 0.01 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Instrument :
BNA_M
ClientSampleId :
C5BB1

Tgt Ion:202 Resp: 4288066

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.1	12.1
100	7.9	6.6	10.0

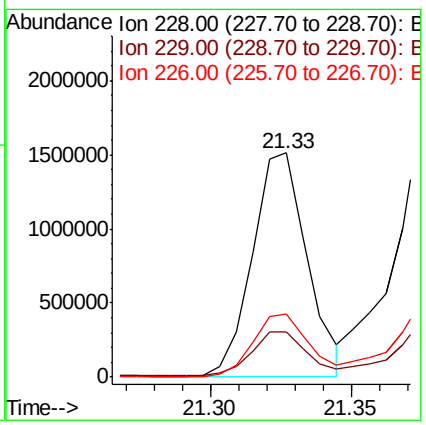


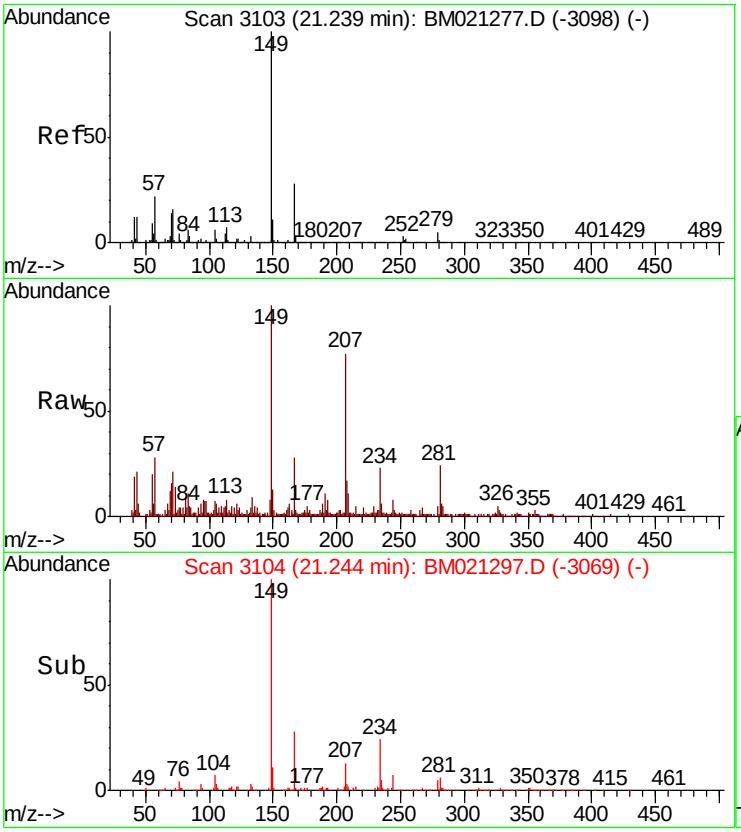


#82
Benzo(a)anthracene
Concen: 22.205 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. 0.01 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Tgt Ion:228 Resp: 2027265

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	28.1	21.4	32.2



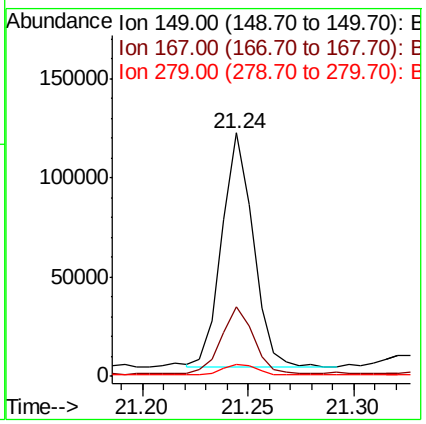


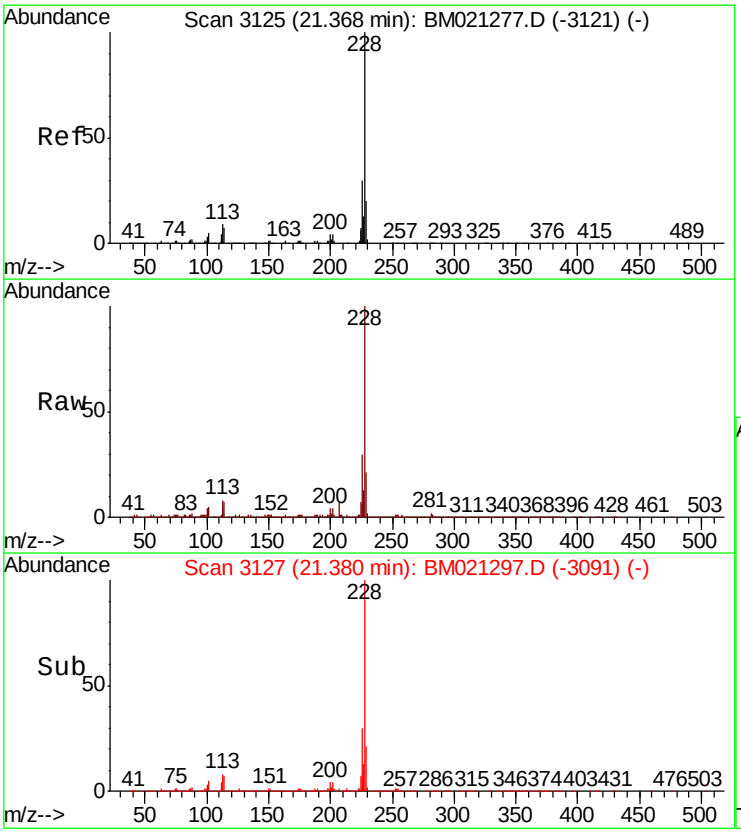
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.428 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Instrument :
BNA_M
ClientSampleId :
C5BB1

Tgt Ion:149 Resp: 121133

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.3	33.5
279	5.1	3.8	5.6

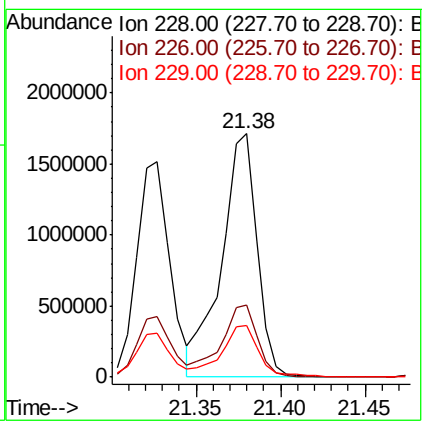


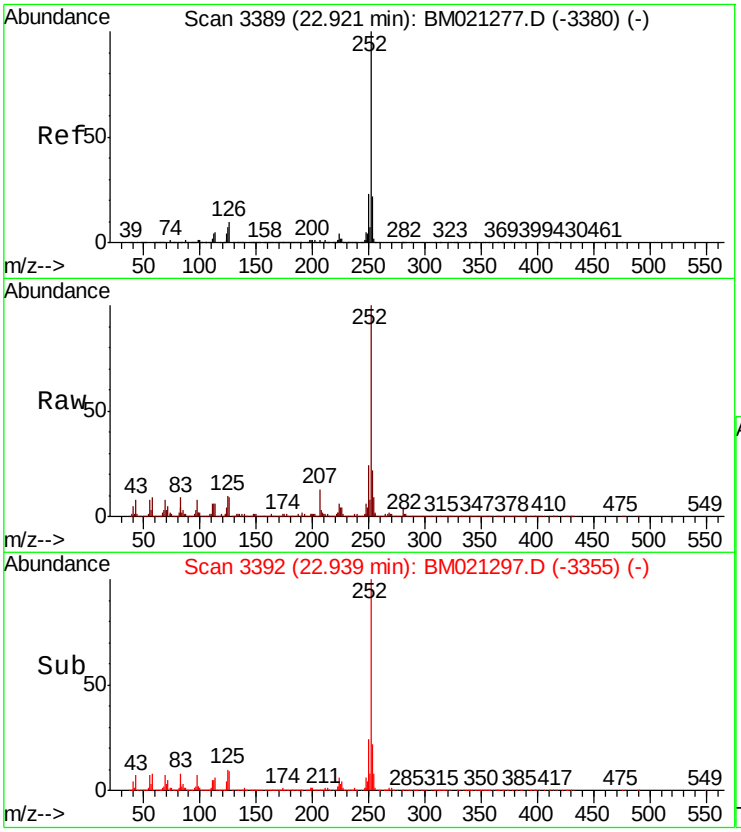


#84
Chrysene
Concen: 29.268 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Tgt Ion:228 Resp: 2502537

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	21.1	15.4	23.2



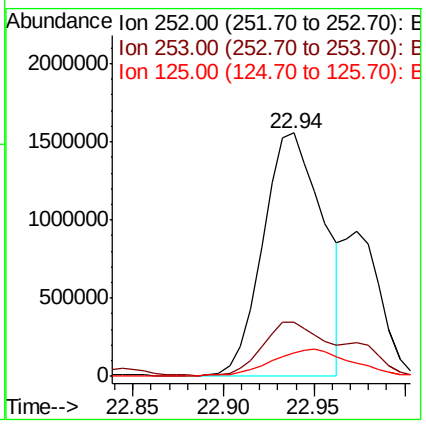


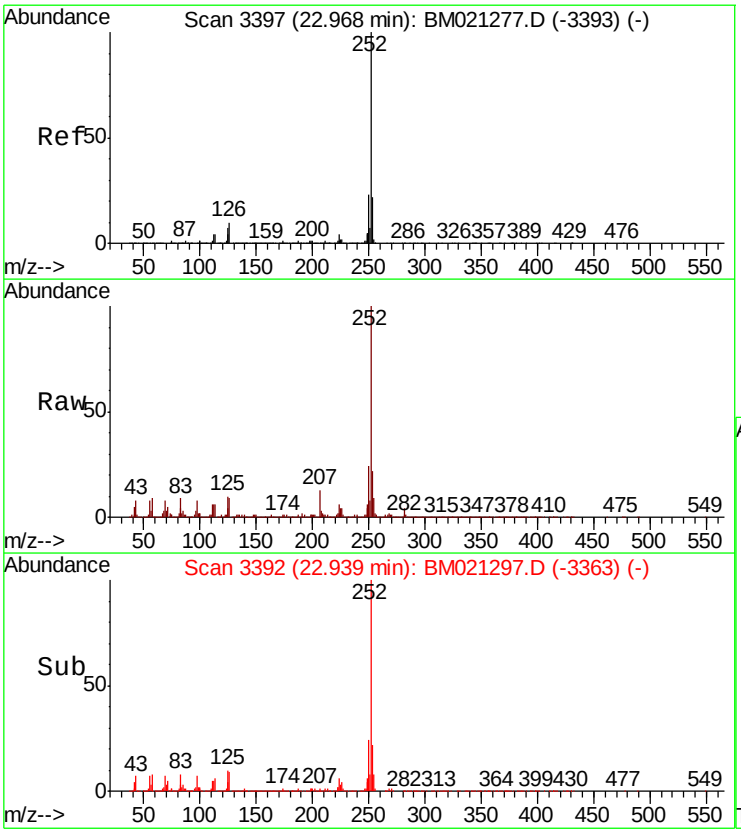
#87
Benzo(b)fluoranthene
Concen: 34.080 ng/ul
RT: 22.94 min Scan# 3392
Delta R.T. 0.02 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Instrument :
BNA_M
ClientSampleId :
C5BB1

Tgt Ion:252 Resp: 3601217

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.9	6.3	9.5#

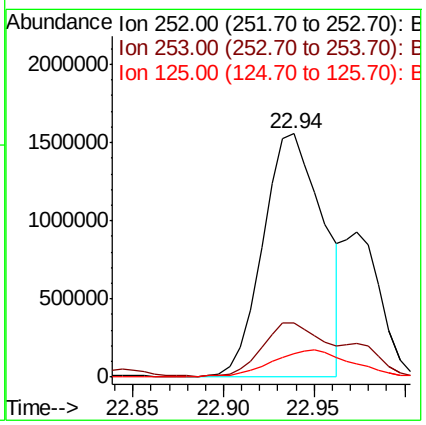


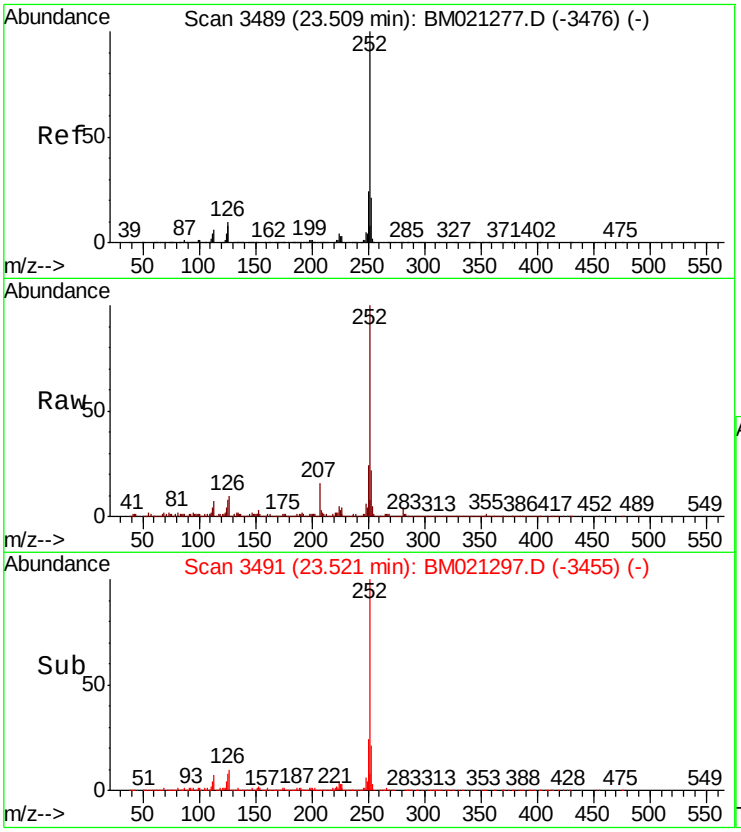


#88
Benzo(k)fluoranthene
Concen: 35.425 ng/ul
RT: 22.94 min Scan# 3392
Delta R.T. -0.03 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Tgt Ion:252 Resp: 3601217

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.9	6.6	9.8#



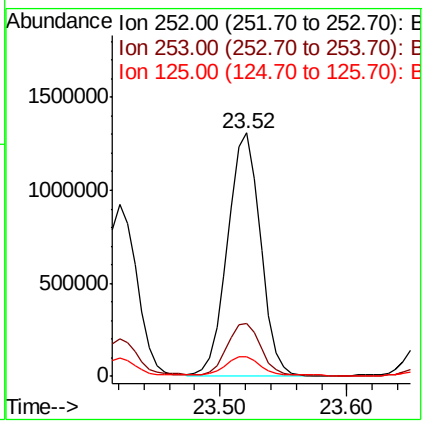


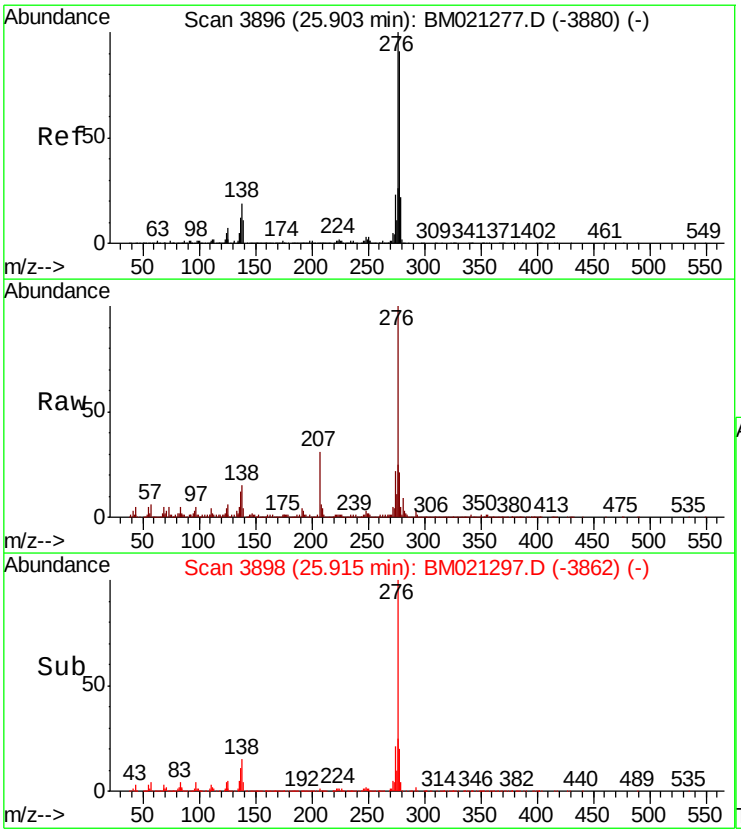
#90
Benzo(a)pyrene
Concen: 23.437 ng/ul
RT: 23.52 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Instrument :
BNA_M
ClientSampleId :
C5BB1

Tgt Ion:252 Resp: 2331048

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	8.1	7.2	10.8

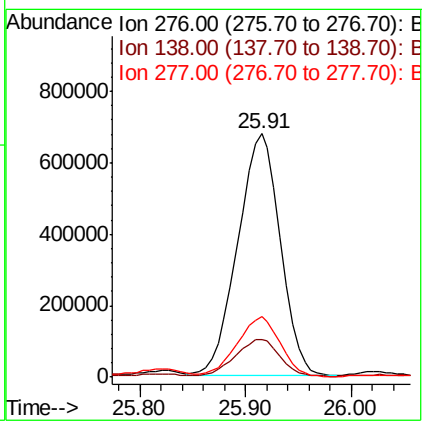


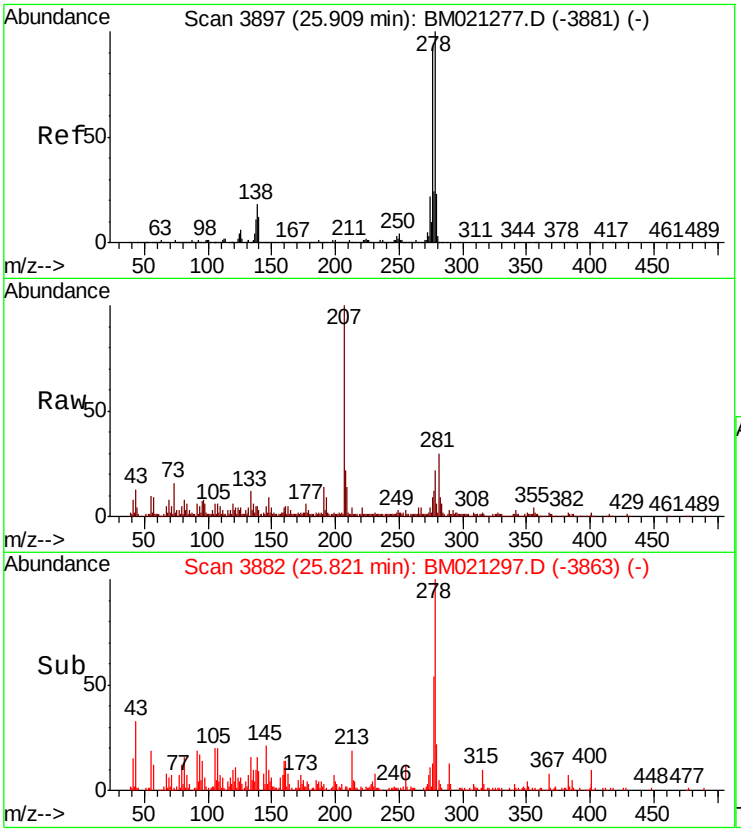


#91
Indeno(1,2,3-cd)pyrene
Concen: 16.181 ng/ul
RT: 25.91 min Scan# 3898
Delta R.T. 0.01 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Tgt Ion:276 Resp: 1895035

Ion	Ratio	Lower	Upper
276	100		
138	15.4	15.9	23.9#
277	25.1	20.4	30.6



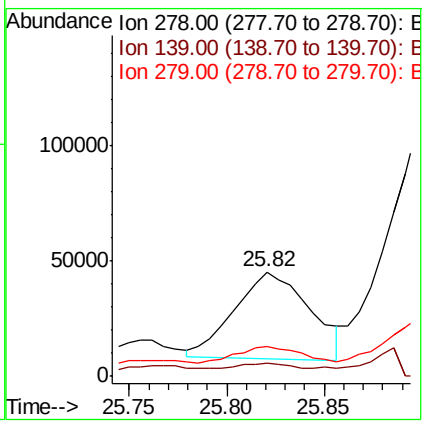


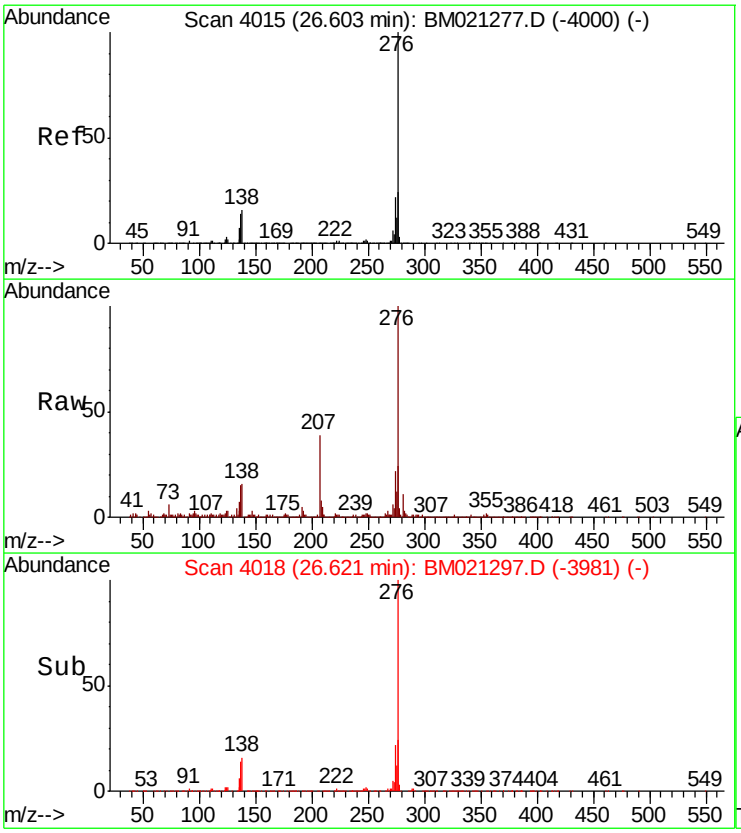
#92
Dibenzo(a,h)anthracene
Concen: 1.033 ng/ul
RT: 25.82 min Scan# 3882
Delta R.T. -0.09 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Instrument :
BNA_M
ClientSampleId :
C5BB1

Tgt Ion:278 Resp: 101768

Ion	Ratio	Lower	Upper
278	100		
139	12.5	10.6	15.8
279	28.3	19.0	28.4





#93
Benzo(g,h,i)perylene
Concen: 17.634 ng/ul
RT: 26.62 min Scan# 4018
Delta R.T. 0.02 min
Lab File: BM021297.D
Acq: 30 Jun 2019 14:08

Tgt Ion:276 Resp: 1700973

Ion	Ratio	Lower	Upper
276	100		
138	16.4	14.6	21.8
277	24.1	18.9	28.3