Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021293.D
Acq On : 30 Jun 2019 11:44
Operator : HP/JU
Sample : K3590-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA4

Quant Time: Jul 01 00:29:41 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	310061	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1325692	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	780726	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1549373	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1198353	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	1464727	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	19236	2.95	ng/uL	0.00
5) Phenol-d5	6.93	99	533084	19.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	300256	18.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	446653	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	460060	20.42	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	234635	21.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	284775	23.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	551553	22.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	190784	7.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1769440	25.08	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2044430	23.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	220771	19.24	ng/ul	0.00
57) Fluorene-d10	15.39	176	1469596	23.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	138414	14.53	ng/ul	0.00
70) Anthracene-d10	17.25	188	2012607	25.00	ng/ul	0.00
78) Pyrene-d10	19.54	212	1879337	26.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2160876	25.01	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.96	94	35393	1.386	ng/ul	96
44) Dimethylphthalate	13.86	163	359418	5.597	ng/ul	98
69) Phenanthrene	17.19	178	1684786	19.662	ng/ul	99
71) Anthracene	17.28	178	229355	2.627	ng/ul	100
74) Carbazole	17.56	167	254449	3.536	ng/ul	100
76) Fluoranthene	19.22	202	5187973	56.033	ng/ul	99
79) Pyrene	19.58	202	4058506	47.905	ng/ul	99
82) Benzo(a)anthracene	21.32	228	2080428	25.465	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	155652	3.486	ng/ul	99
84) Chrysene	21.37	228	2503814	32.723	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	4132304	44.537	ng/ul	98
88) Benzo(k)fluoranthene	22.93	252	4132304	46.295	ng/ul	98
90) Benzo(a)pyrene	23.52	252	2304325	26.387	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.91	276	2046417	19.900	ng/ul	96
92) Dibenzo(a,h)anthracene	25.83	278	108021	1.249	ng/ul	93
93) Benzo(g,h,i)perylene	26.62	276	1856881	21.924	ng/ul	97

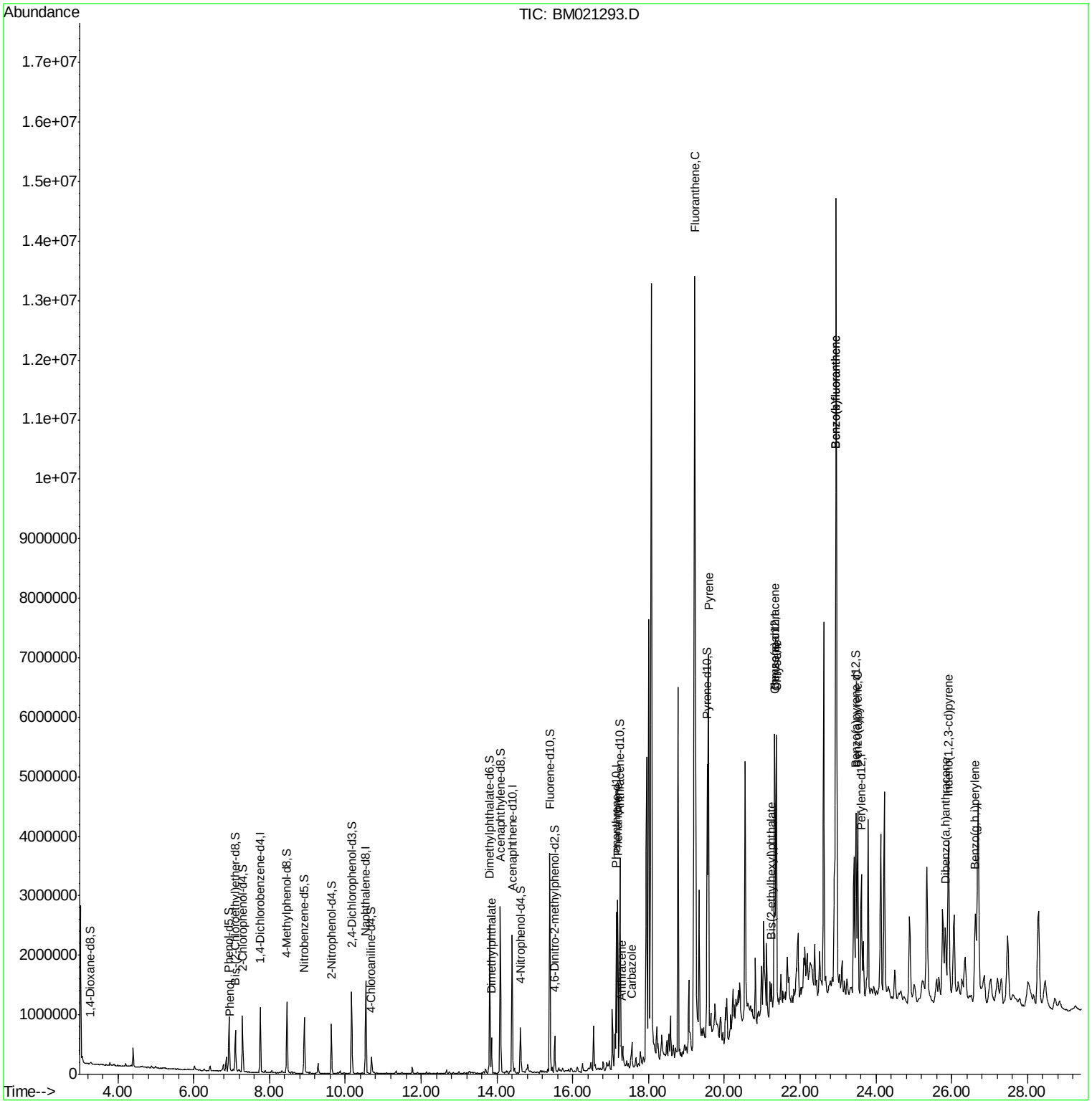
(#) = qualifier out of range (m) = manual integration (+) = signals summed

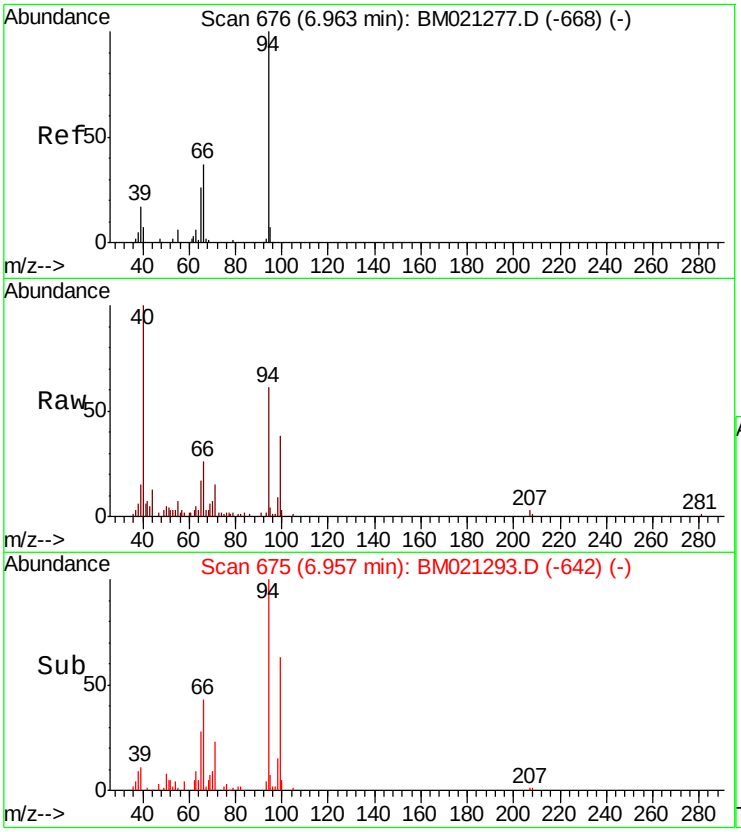
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021293.D
Acq On : 30 Jun 2019 11:44
Operator : HP/JU
Sample : K3590-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BA4

Quant Time: Jul 01 00:29:41 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



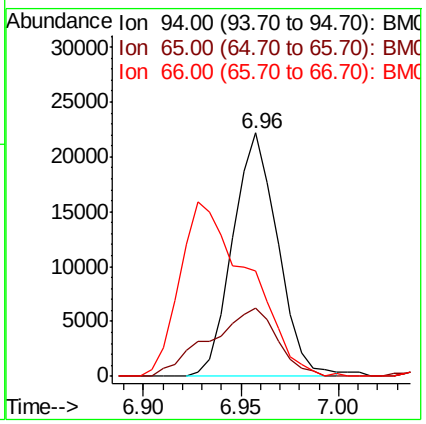


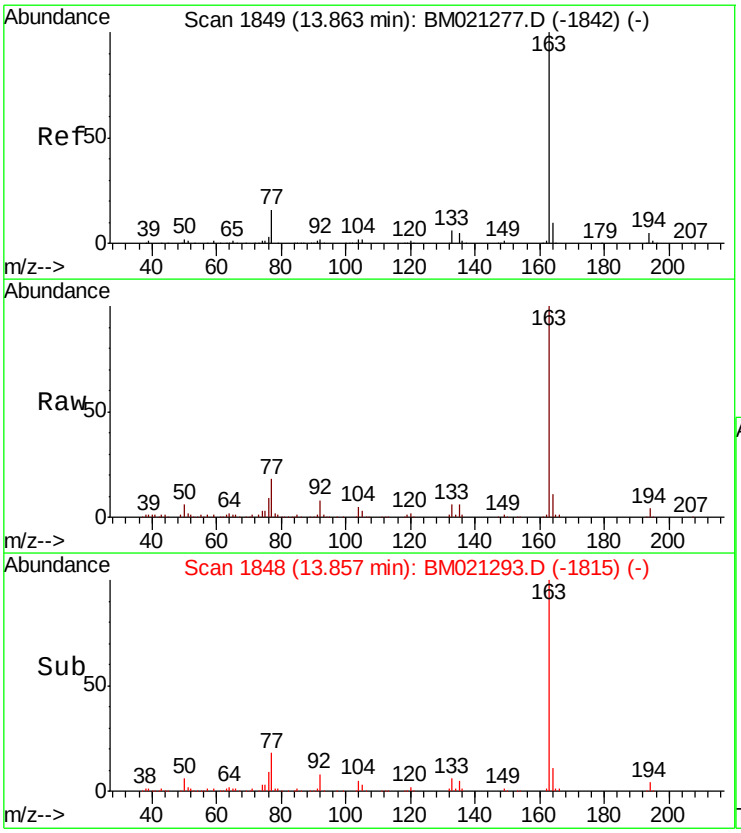
#6
Phenol
Concen: 1.386 ng/ul
RT: 6.96 min Scan# 675
Delta R.T. -0.01 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Instrument :
BNA_M
ClientSampleId :
C5BA4

Tgt Ion: 94 Resp: 35393

Ion	Ratio	Lower	Upper
94	100		
65	28.1	22.6	34.0
66	43.0	31.2	46.8

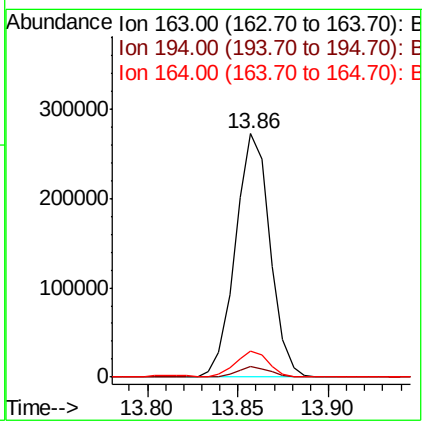


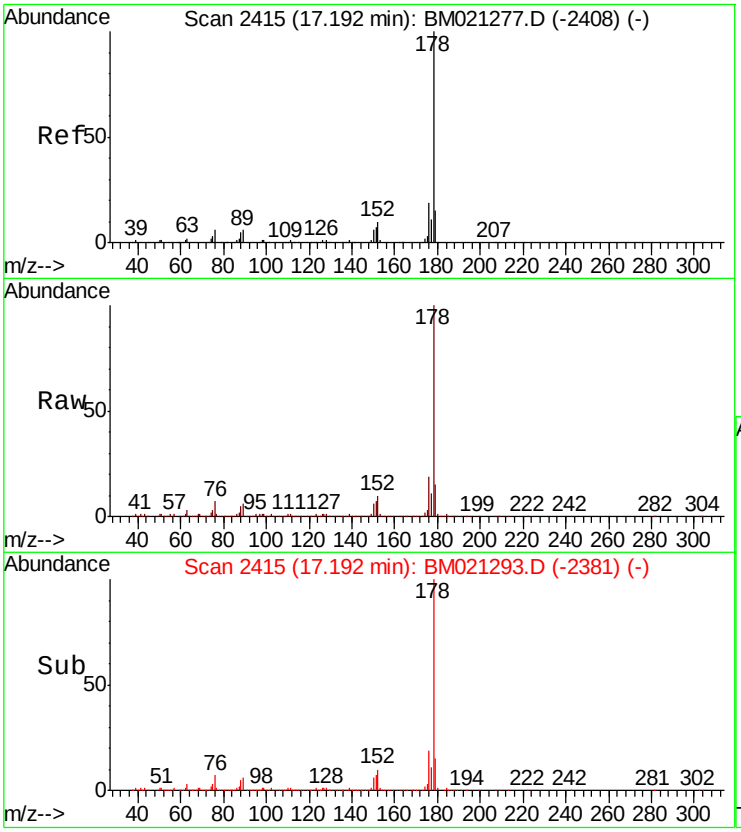


#44
Dimethylphthalate
Concen: 5.597 ng/ul
RT: 13.86 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Tgt Ion:163 Resp: 359418

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.7	7.7	11.5



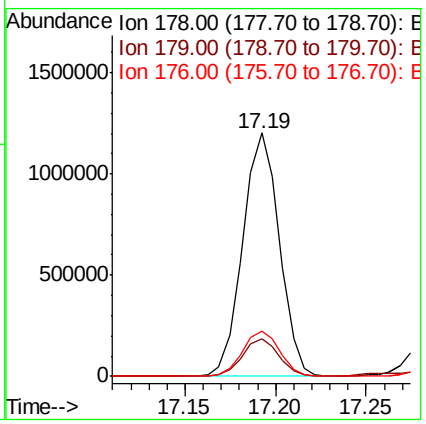


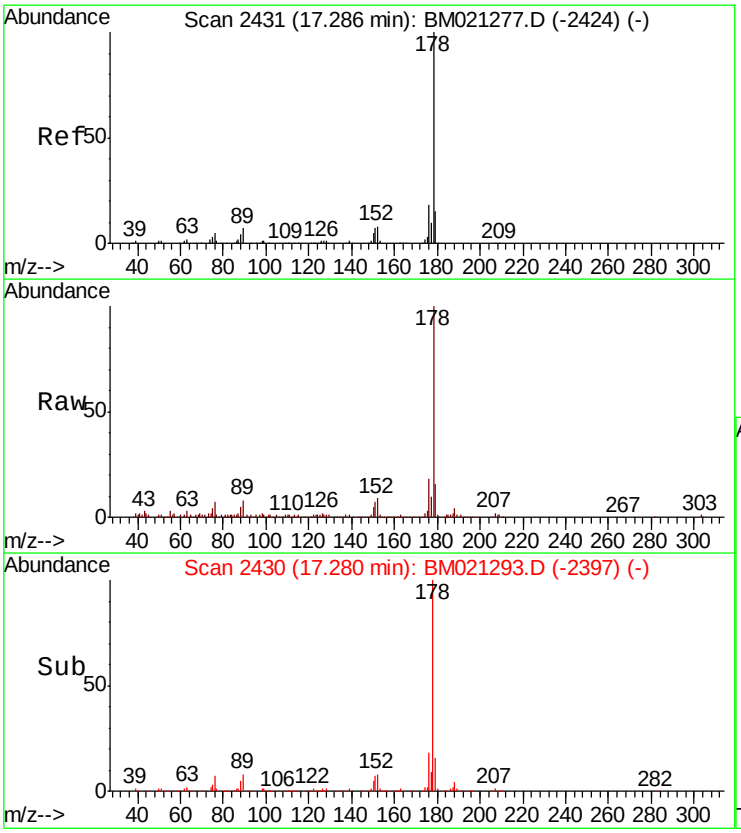
#69
Phenanthrene
Concen: 19.662 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Instrument :
BNA_M
ClientSampleId :
C5BA4

Tgt Ion:178 Resp: 1684786

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.7	15.0	22.6

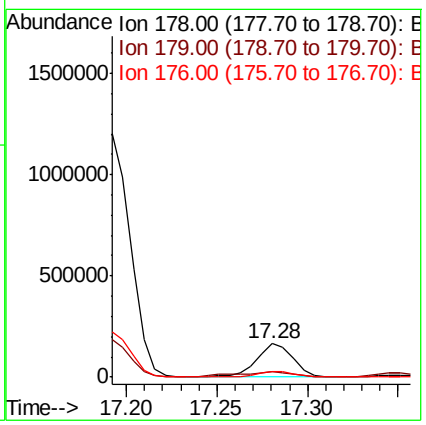


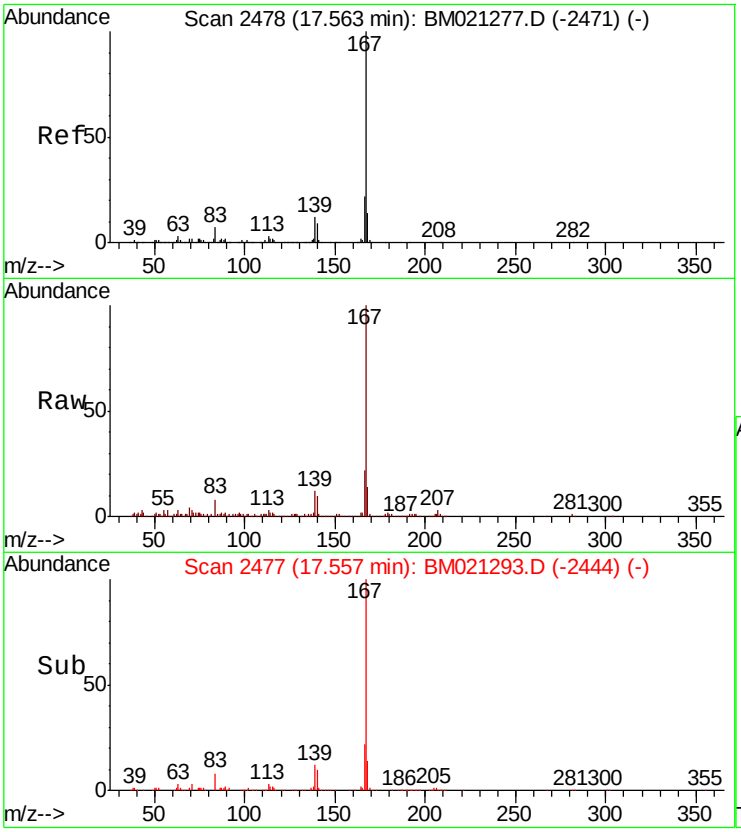


#71
Anthracene
Concen: 2.627 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Tgt Ion:178 Resp: 229355

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	18.1	14.6	21.8



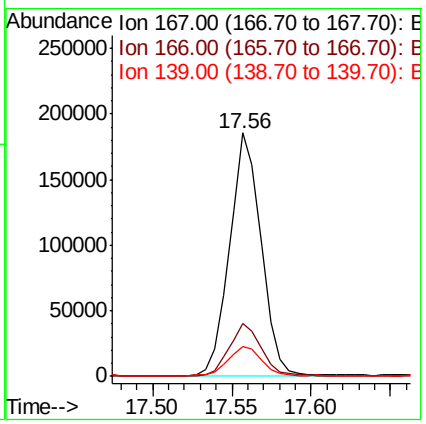


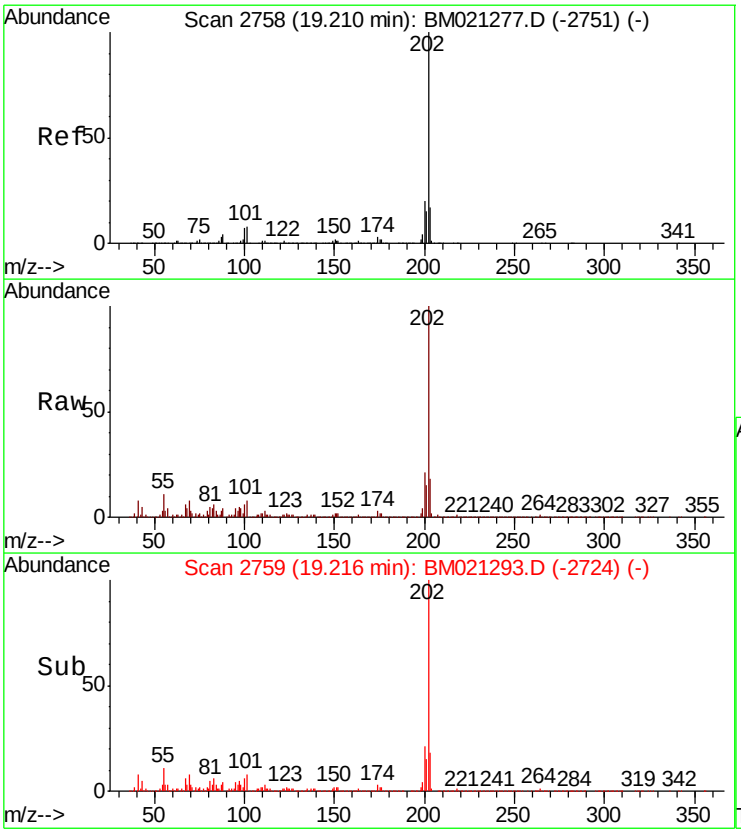
#74
Carbazole
Concen: 3.536 ng/ul
RT: 17.56 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Instrument :
BNA_M
ClientSampleId :
C5BA4

Tgt Ion:167 Resp: 254449

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.2
139	12.0	9.8	14.6

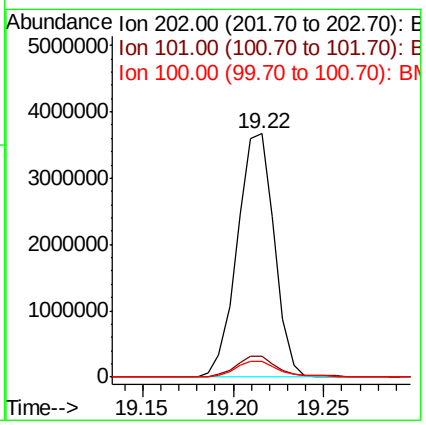


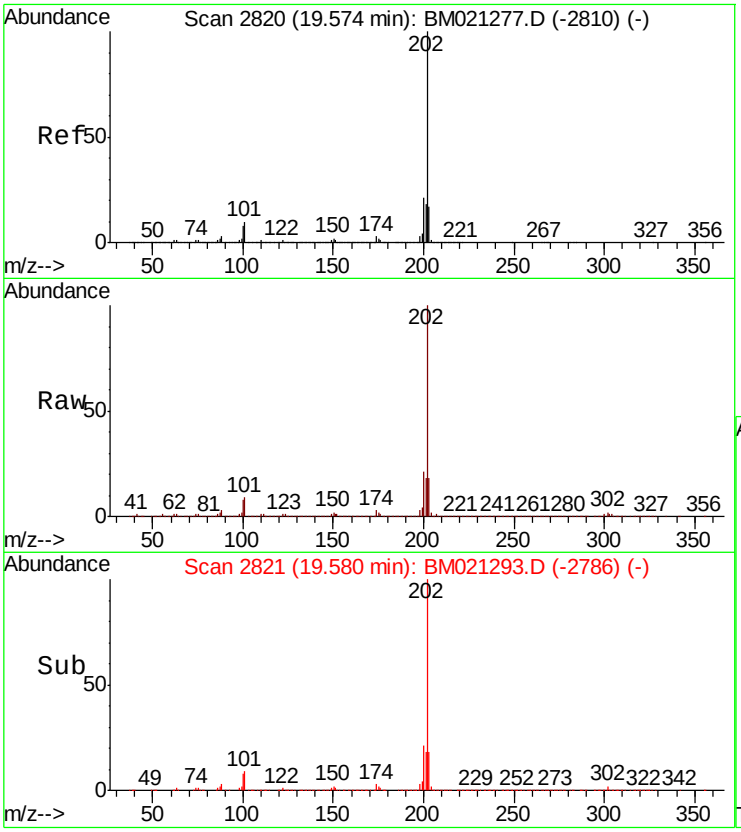


#76
Fluoranthene
Concen: 56.033 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. 0.01 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Tgt Ion:202 Resp: 5187973

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.7	10.1
100	6.4	5.5	8.3



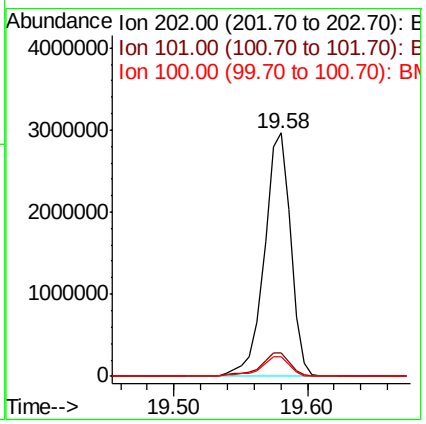


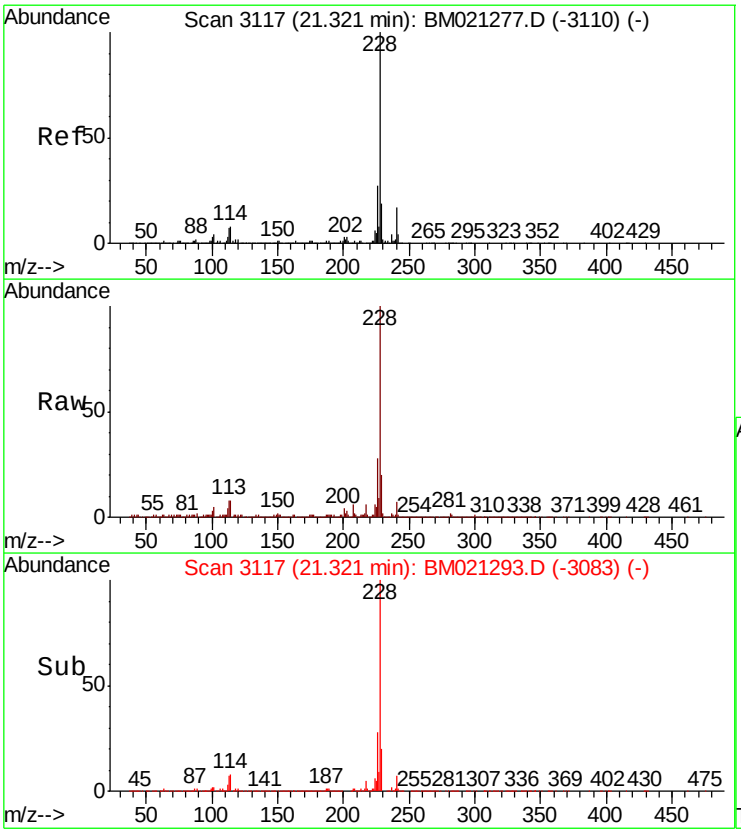
#79
Pyrene
Concen: 47.905 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. 0.01 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Instrument :
BNA_M
ClientSampleId :
C5BA4

Tgt Ion:202 Resp: 4058506

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.1	12.1
100	8.0	6.6	10.0

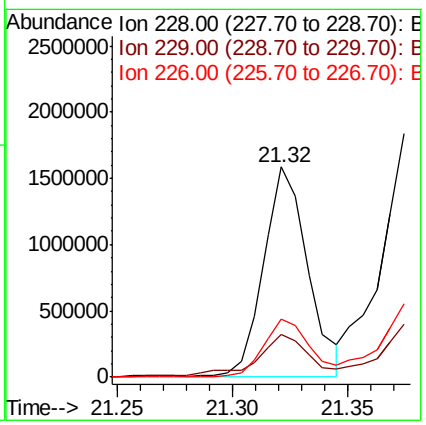


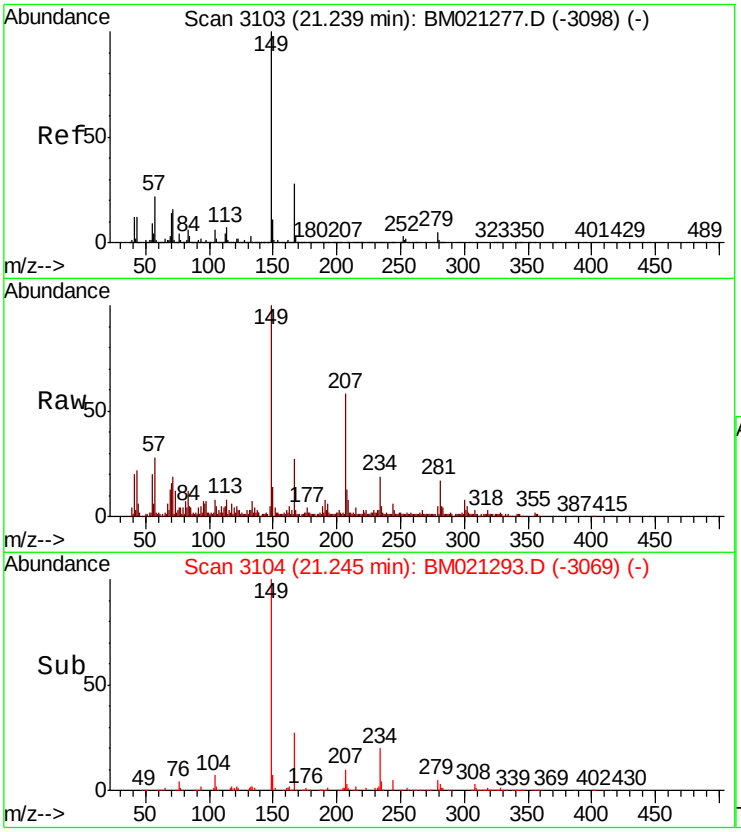


#82
Benzo(a)anthracene
Concen: 25.465 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Tgt Ion:228 Resp: 2080428

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	27.9	21.4	32.2



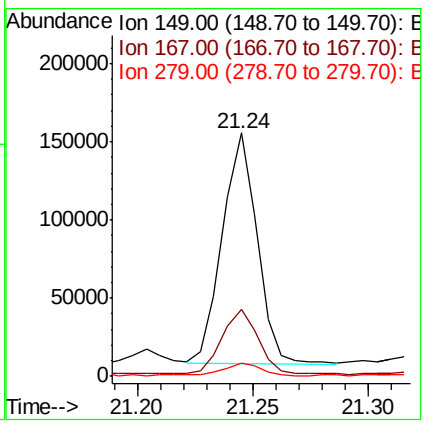


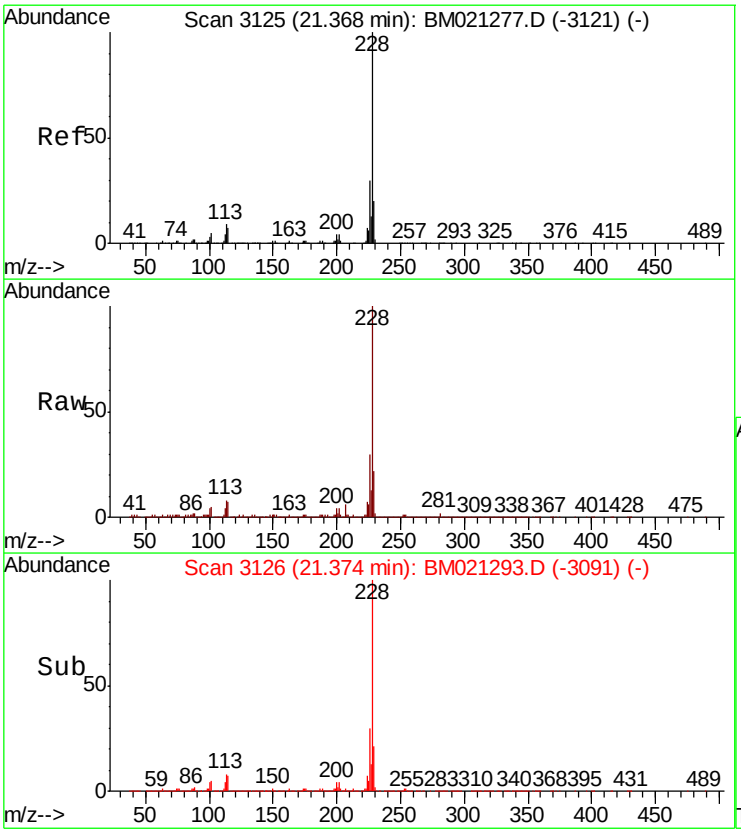
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.486 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Instrument :
BNA_M
ClientSampleId :
C5BA4

Tgt Ion:149 Resp: 155652

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.3	33.5
279	5.4	3.8	5.6

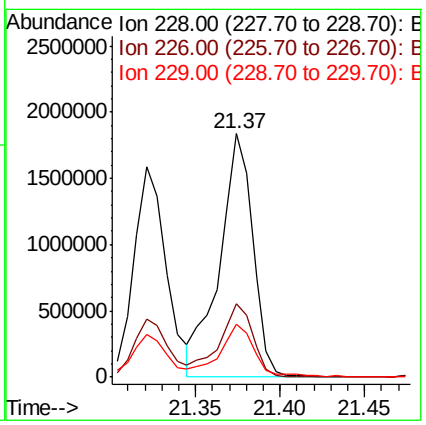


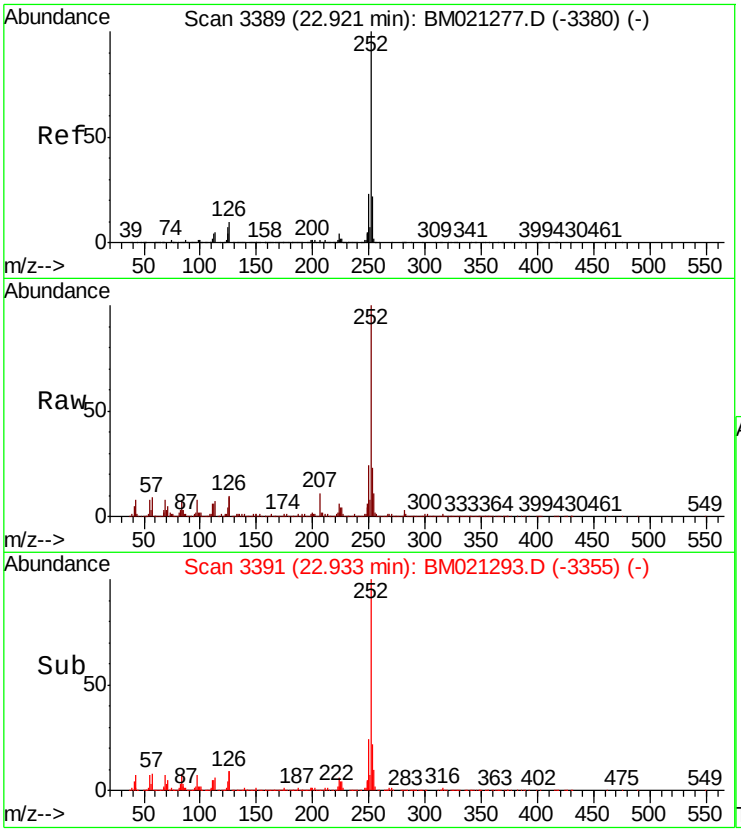


#84
Chrysene
Concen: 32.723 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Tgt Ion:228 Resp: 2503814

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	21.5	15.4	23.2



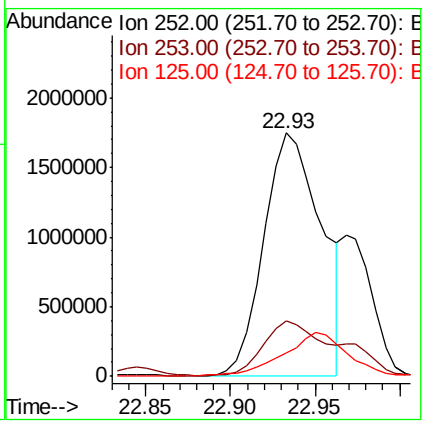


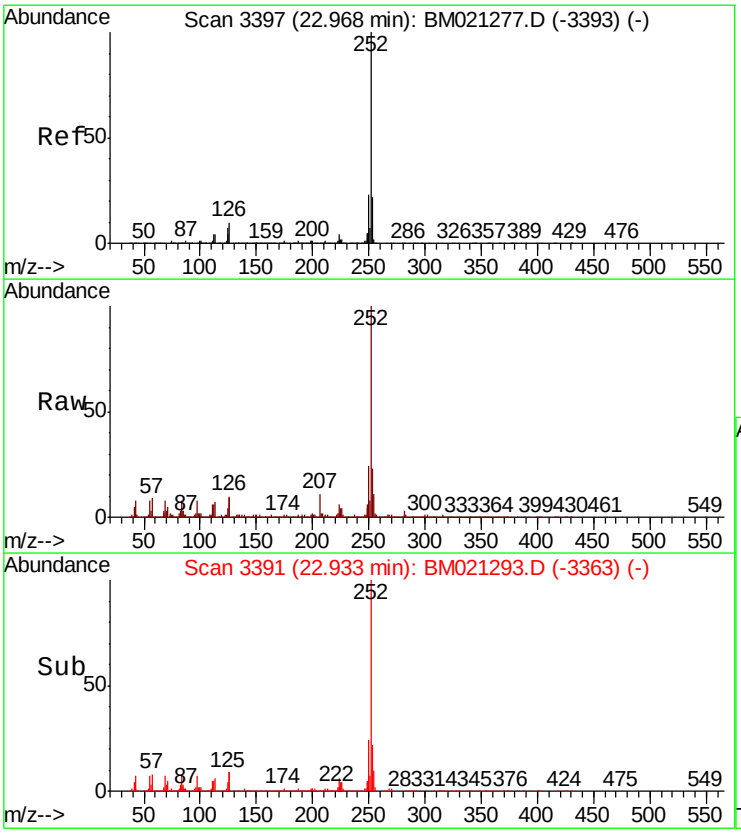
#87
Benzo(b)fluoranthene
Concen: 44.537 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Instrument :
BNA_M
ClientSampleId :
C5BA4

Tgt Ion:252 Resp: 4132304

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.4	6.3	9.5

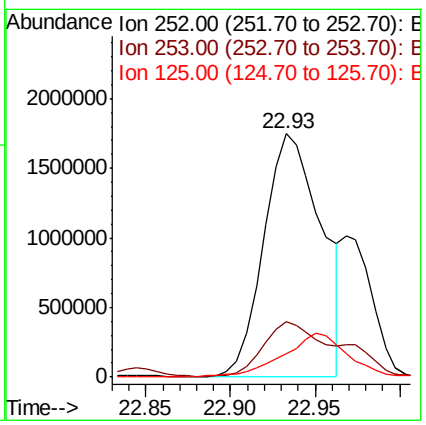


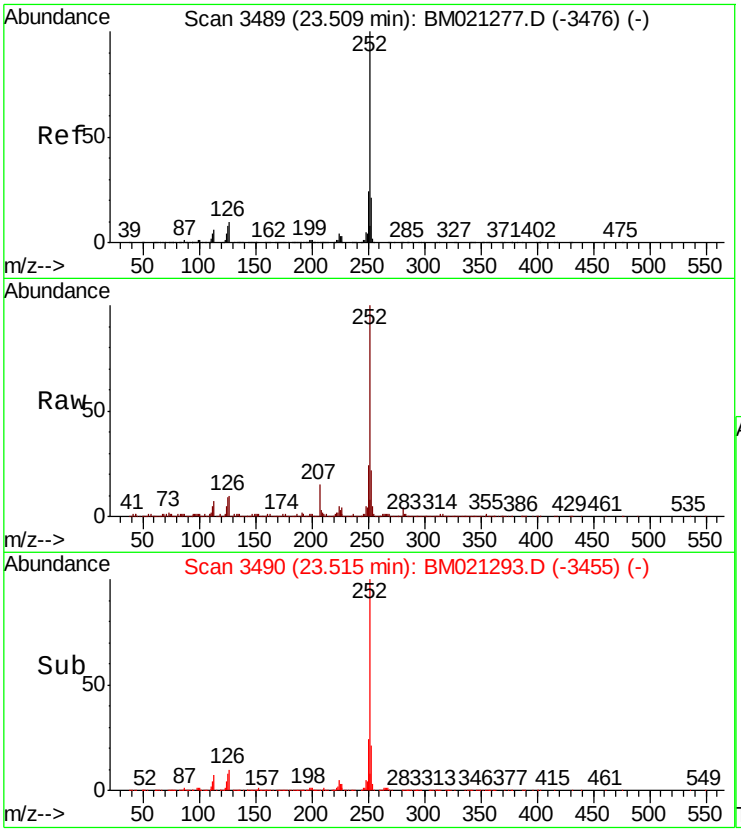


#88
Benzo(k)fluoranthene
Concen: 46.295 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. -0.04 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Tgt Ion:252 Resp: 4132304

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.4	6.6	9.8



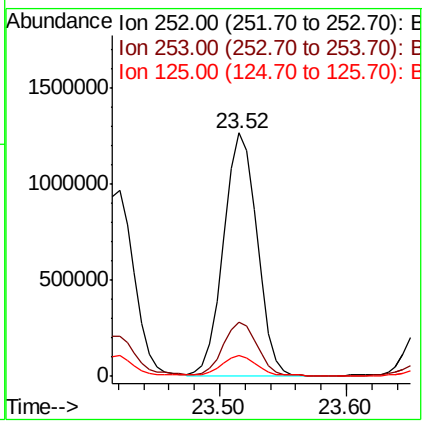


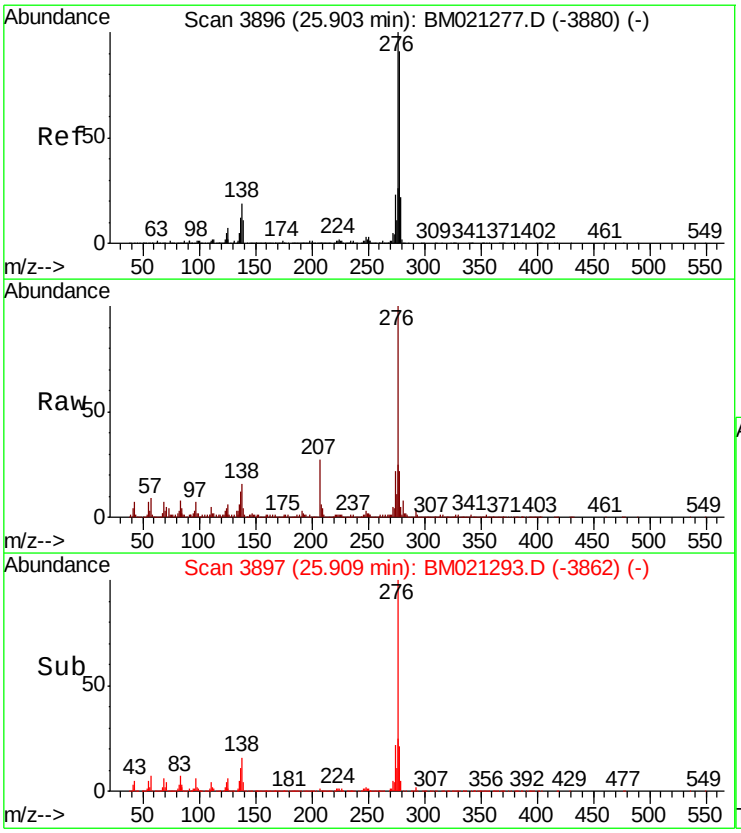
#90
Benzo(a)pyrene
Concen: 26.387 ng/ul
RT: 23.52 min Scan# 3490
Delta R.T. 0.01 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Instrument :
BNA_M
ClientSampleId :
C5BA4

Tgt Ion:252 Resp: 2304325

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.6	7.2	10.8

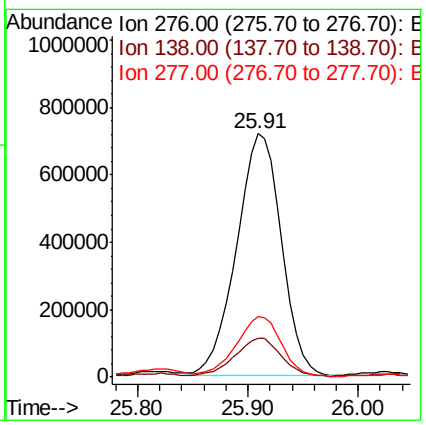


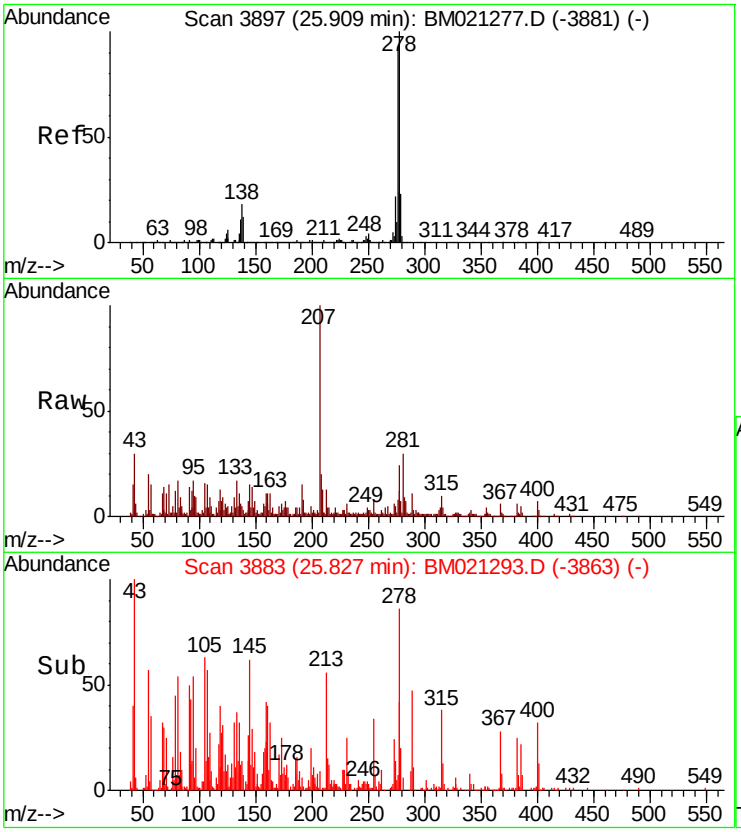


#91
Indeno(1,2,3-cd)pyrene
Concen: 19.900 ng/ul
RT: 25.91 min Scan# 3897
Delta R.T. 0.01 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Tgt Ion:276 Resp: 2046417

Ion	Ratio	Lower	Upper
276	100		
138	16.1	15.9	23.9
277	25.1	20.4	30.6



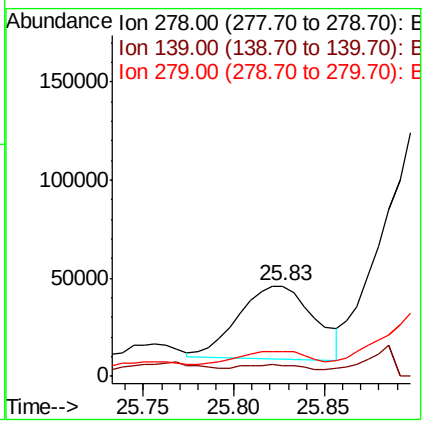


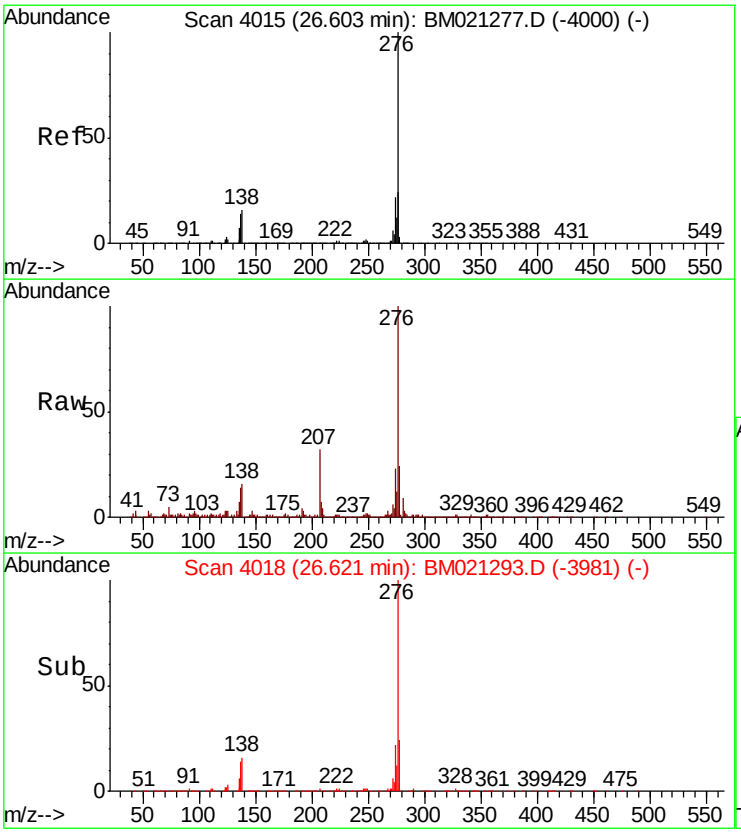
#92
Dibenzo(a,h)anthracene
Concen: 1.249 ng/ul
RT: 25.83 min Scan# 3883
Delta R.T. -0.08 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Instrument :
BNA_M
ClientSampleId :
C5BA4

Tgt Ion:278 Resp: 108021

Ion	Ratio	Lower	Upper
278	100		
139	11.8	10.6	15.8
279	27.9	19.0	28.4





#93
Benzo(g,h,i)perylene
Concen: 21.924 ng/ul
RT: 26.62 min Scan# 4018
Delta R.T. 0.02 min
Lab File: BM021293.D
Acq: 30 Jun 2019 11:44

Tgt Ion:276 Resp: 1856881

Ion	Ratio	Lower	Upper
276	100		
138	15.9	14.6	21.8
277	24.0	18.9	28.3