Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
Data File : BM020362.D
Acq On : 17 May 2019 13:23
Operator : JU/SJ
Sample : K2604-19DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ90DL

Quant Time: May 18 02:55:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	70791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	264100	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	158851	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	361682	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	356693	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	390436	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	114	0.06	ng/uL	0.00
5) Phenol-d5	6.91	99	3584	0.63	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.09	67	2446	0.68	ng/ul	0.01
9) 2-Chlorophenol-d4	7.27	132	3062	0.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	2172	0.53	ng/ul	0.02
19) Nitrobenzene-d5	8.91	128	757	0.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	635	0.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.17	165	1034	0.26	ng/ul	0.03
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.80	166	11828	1.03	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	13892	0.97	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.38	176	11010	1.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.13	188	361682	23.31	ng/ul	-0.10
78) Pyrene-d10	19.53	212	20551	1.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	20030	1.13	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.11	152	102014	7.567	ng/ul	99
69) Phenanthrene	17.27	178	42963	2.493	ng/ul	99
71) Anthracene	17.27	178	42963	2.451	ng/ul	99
76) Fluoranthene	19.20	202	421430	19.359	ng/ul	99
79) Pyrene	19.56	202	896740	41.885	ng/ul	98
82) Benzo(a)anthracene	21.37	228	327117	15.237	ng/ul	95
84) Chrysene	21.37	228	327117	15.944	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	361090	16.205	ng/ul#	97
88) Benzo(k)fluoranthene	23.09	252	113464	5.184	ng/ul	96
90) Benzo(a)pyrene	23.50	252	347428	16.567	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	175273	7.335	ng/ul	97
92) Dibenzo(a,h)anthracene	25.91	278	48011	2.350	ng/ul#	93
93) Benzo(g,h,i)perylene	26.61	276	177472	8.972	ng/ul#	97

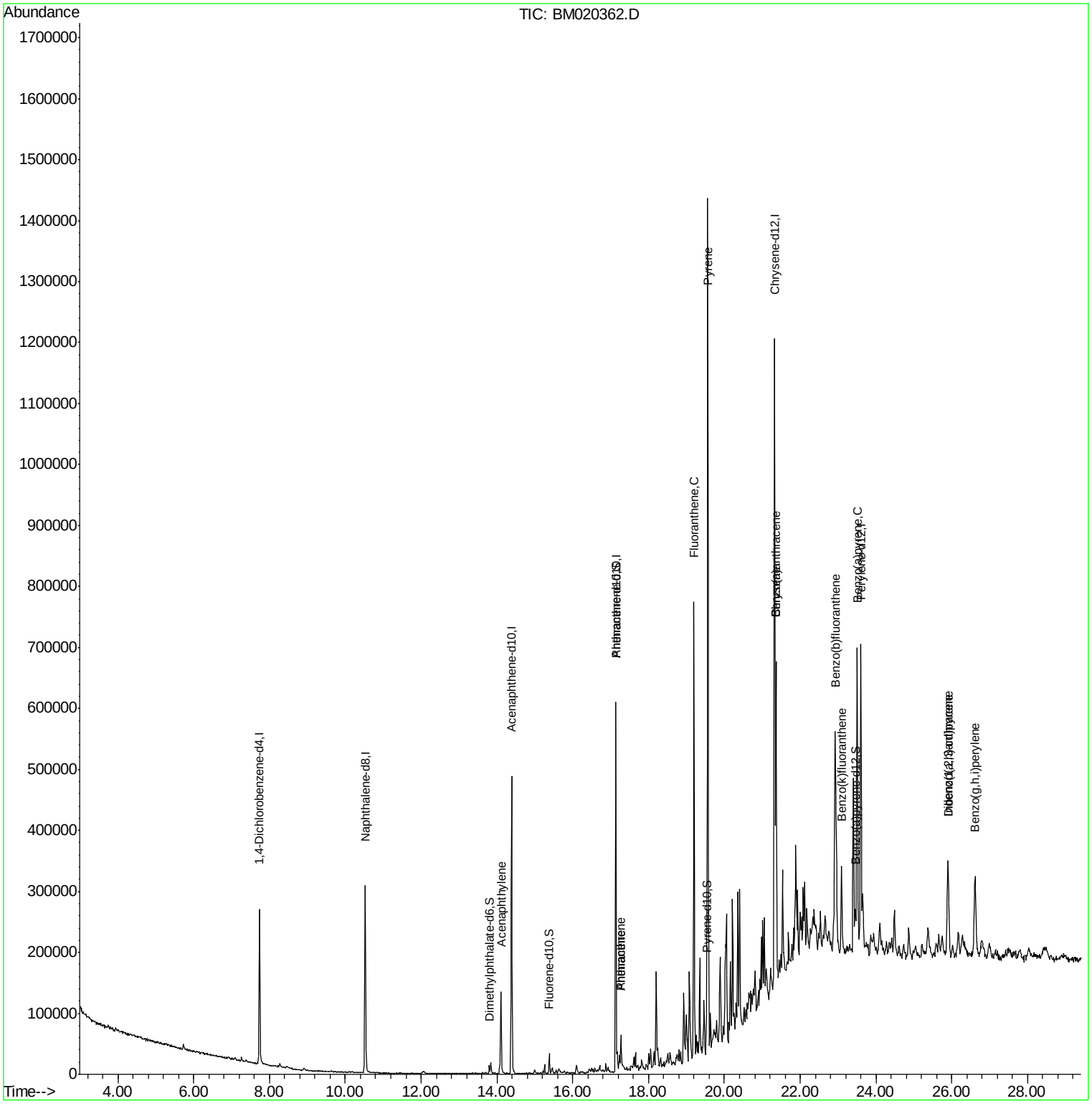
(#) = qualifier out of range (m) = manual integration (+) = signals summed

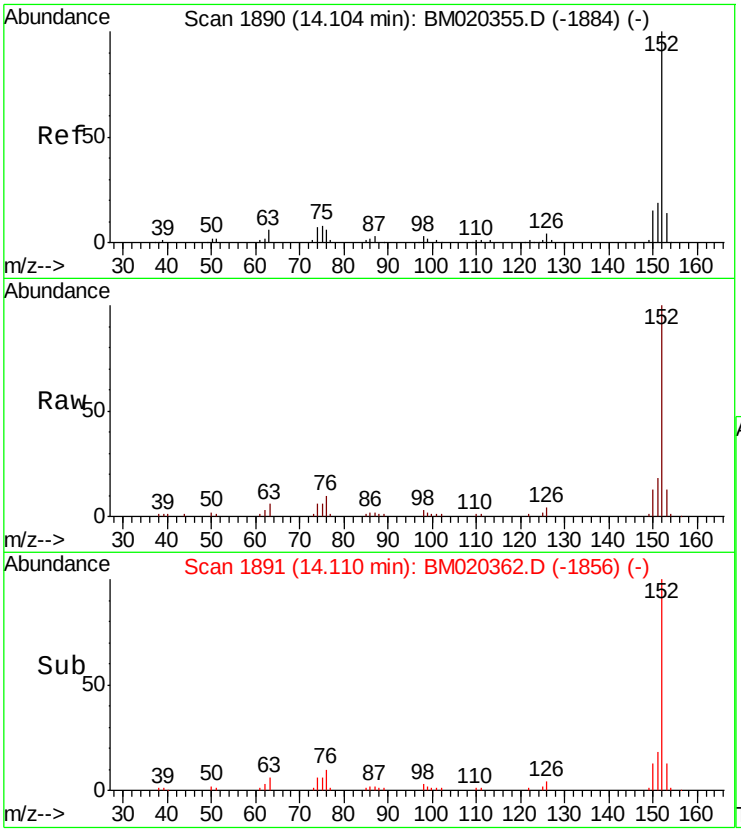
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051719\
Data File : BM020362.D
Acq On : 17 May 2019 13:23
Operator : JU/SJ
Sample : K2604-19DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GAJ90DL

Quant Time: May 18 02:55:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration



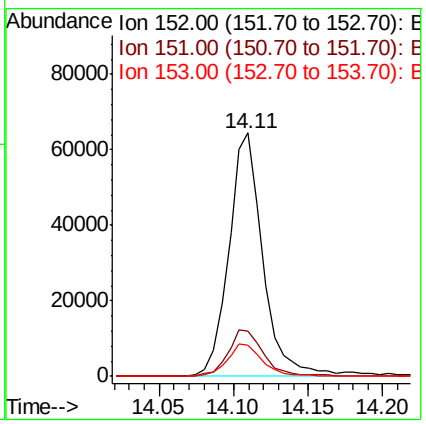


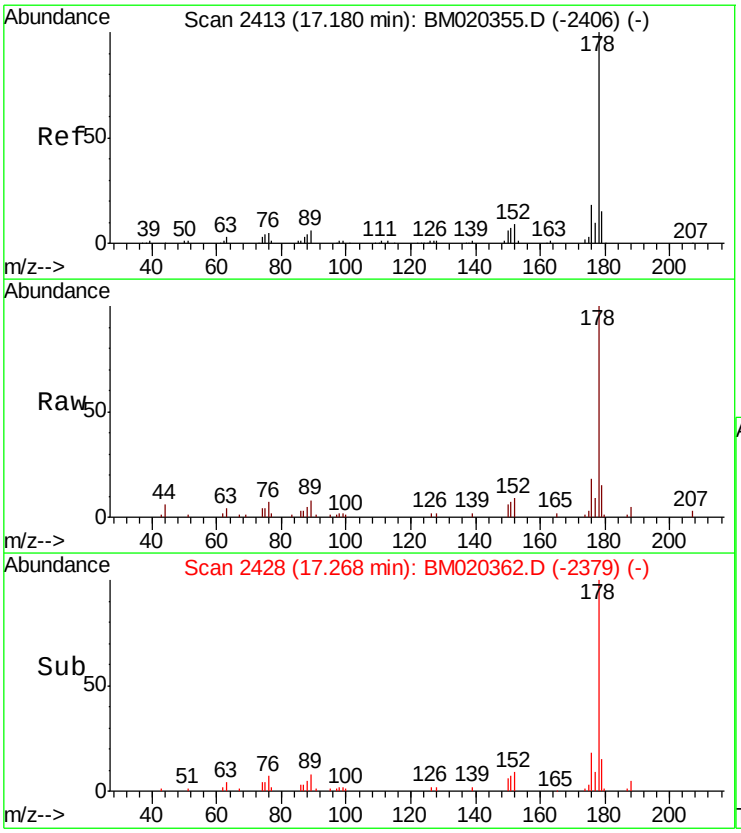
#47
Acenaphthylene
Concen: 7.567 ng/ul
RT: 14.11 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BM020362.D
Acq: 17 May 2019 13:23

Instrument :
BNA_M
ClientSampleId :
GAJ90DL

Tgt Ion:152 Resp: 102014

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.4	23.0
153	12.6	10.3	15.5

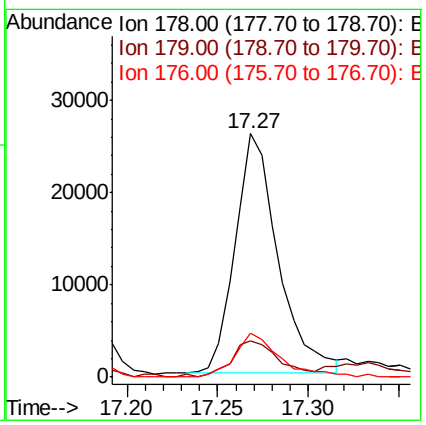


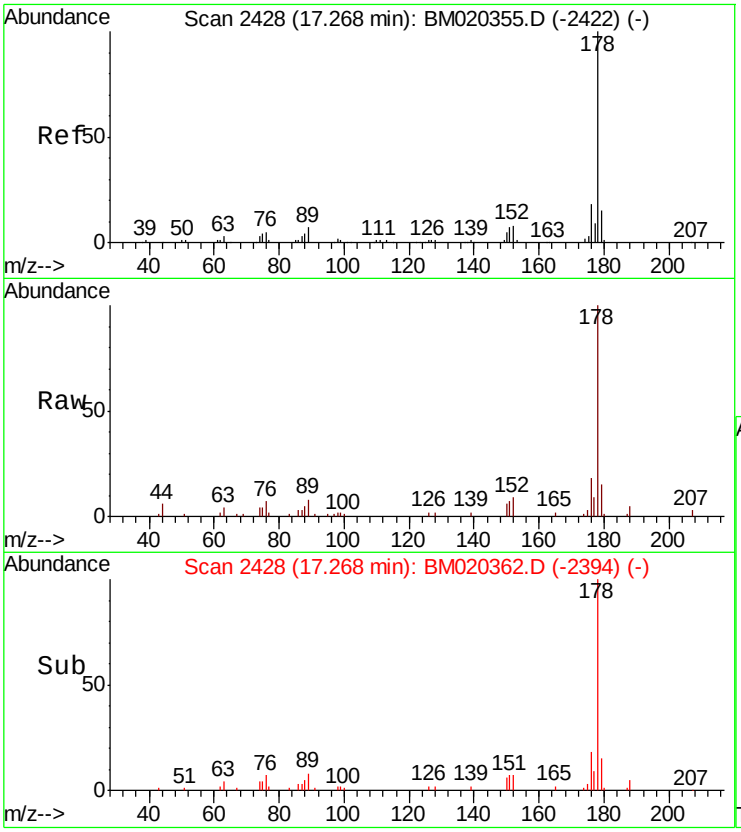


#69
Phenanthrene
Concen: 2.493 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. 0.09 min
Lab File: BM020362.D
Acq: 17 May 2019 13:23

Tgt Ion:178 Resp: 42963

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.9	17.9
176	17.9	14.6	22.0



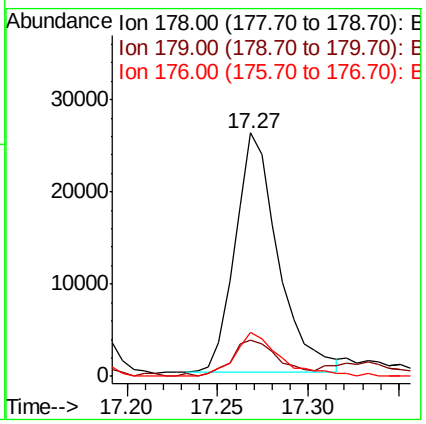


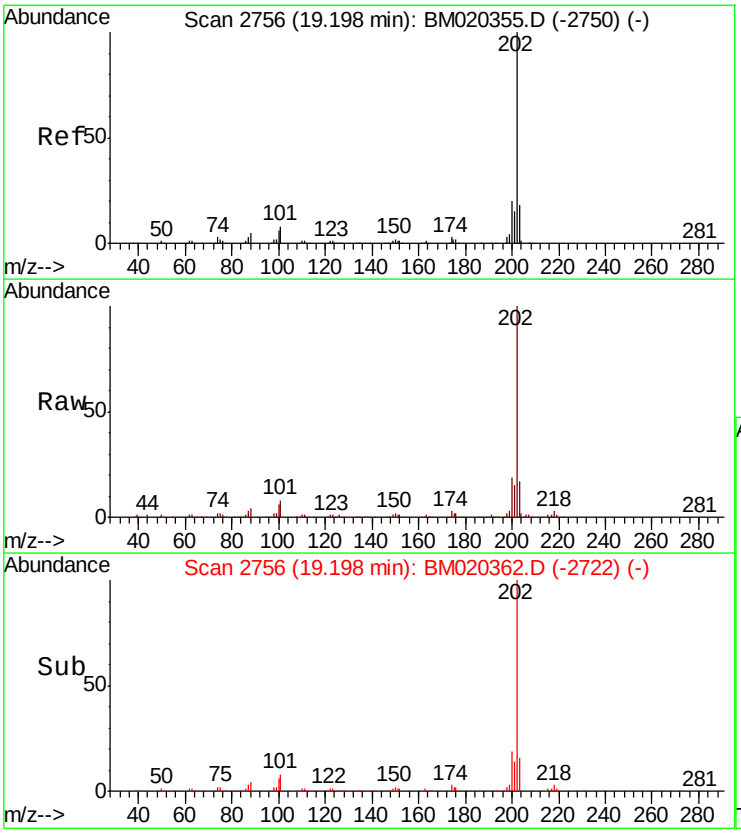
#71
Anthracene
Concen: 2.451 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BM020362.D
Acq: 17 May 2019 13:23

Instrument :
BNA_M
ClientSampleId :
GAJ90DL

Tgt Ion:178 Resp: 42963

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	17.9	14.4	21.6

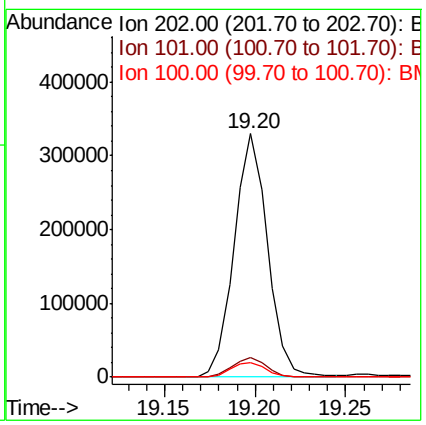


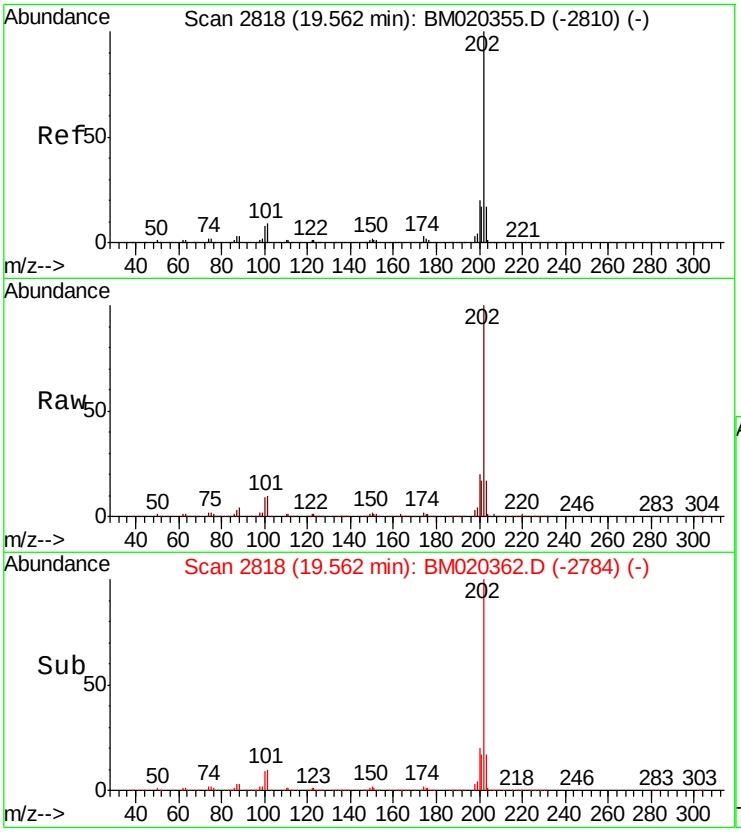


#76
Fluoranthene
Concen: 19.359 ng/ul
RT: 19.20 min Scan# 2756
Delta R.T. -0.00 min
Lab File: BM020362.D
Acq: 17 May 2019 13:23

Tgt Ion:202 Resp: 421430

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.4	9.6
100	5.8	5.2	7.8



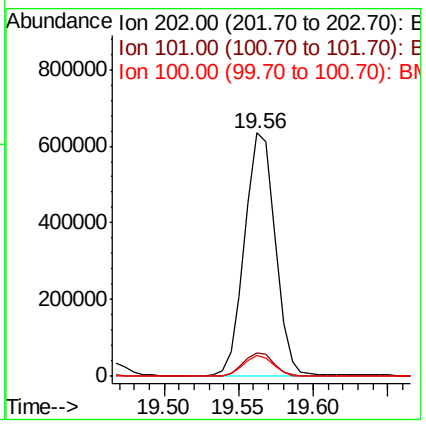


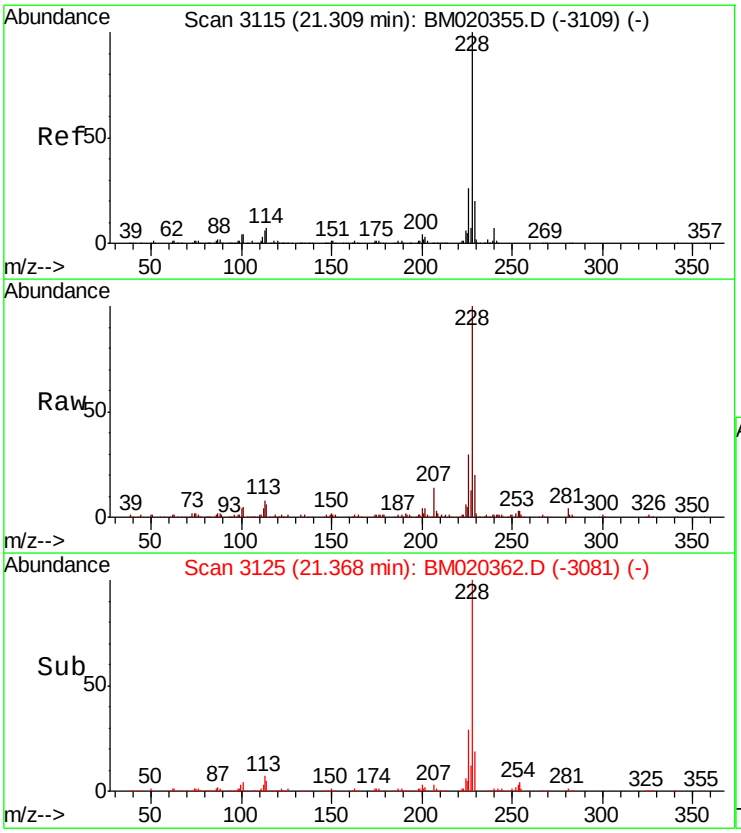
#79
Pyrene
Concen: 41.885 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BM020362.D
Acq: 17 May 2019 13:23

Instrument :
BNA_M
ClientSampleId :
GAJ90DL

Tgt Ion:202 Resp: 896740

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.1	10.7
100	8.5	5.9	8.9

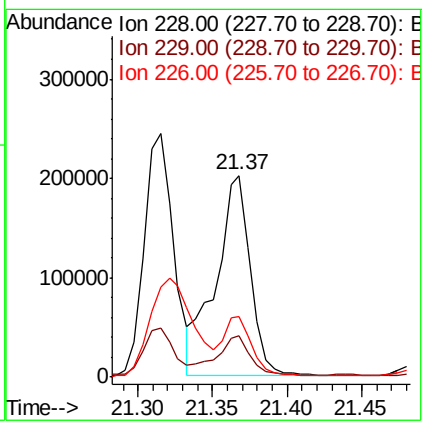


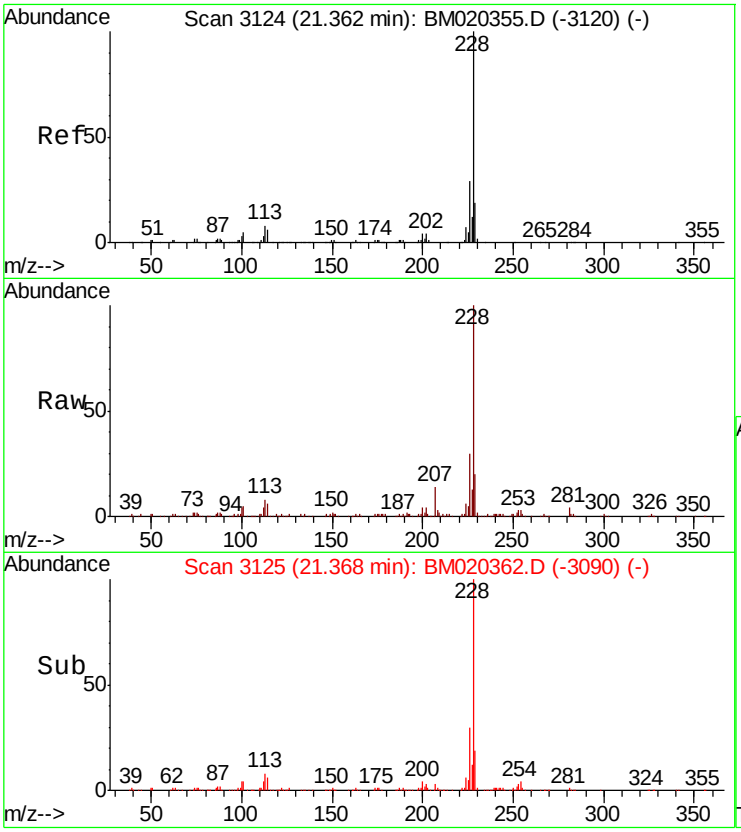


#82
Benzo(a)anthracene
Concen: 15.237 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. 0.06 min
Lab File: BM020362.D
Acq: 17 May 2019 13:23

Tgt Ion:228 Resp: 327117

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	30.0	20.6	30.8



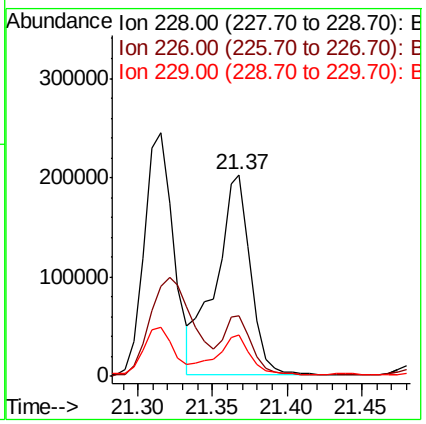


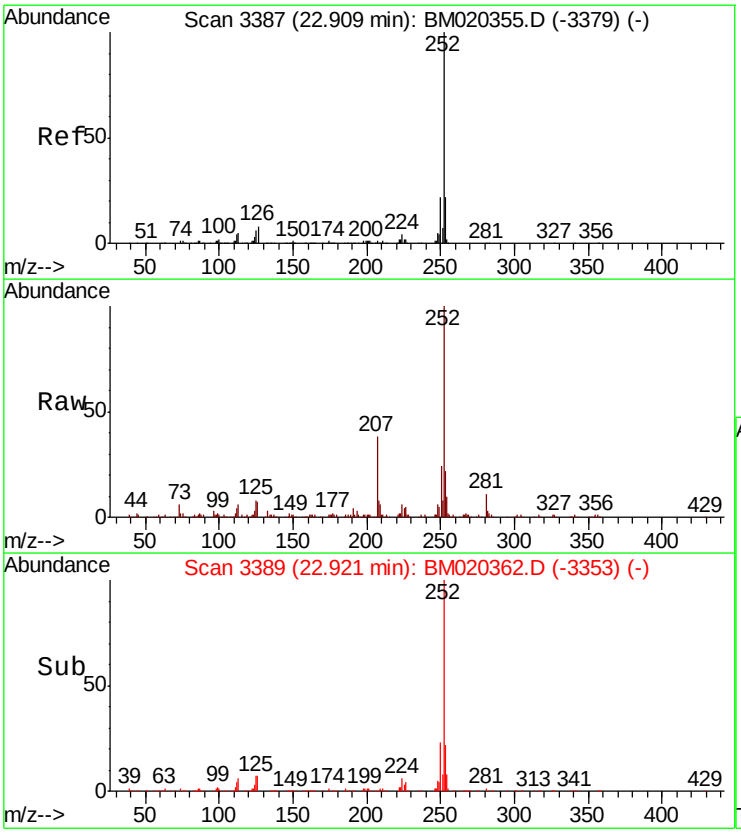
#84
Chrysene
Concen: 15.944 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BM020362.D
Acq: 17 May 2019 13:23

Instrument :
BNA_M
ClientSampleId :
GAJ90DL

Tgt Ion:228 Resp: 327117

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.2	33.4
229	20.2	15.4	23.2

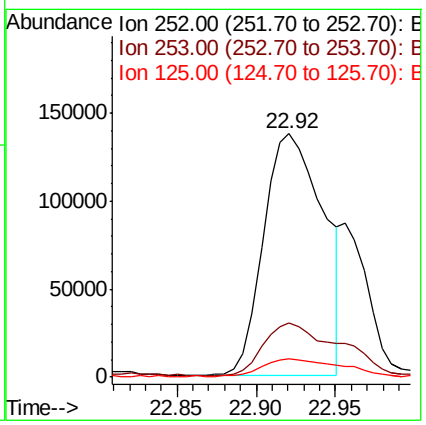


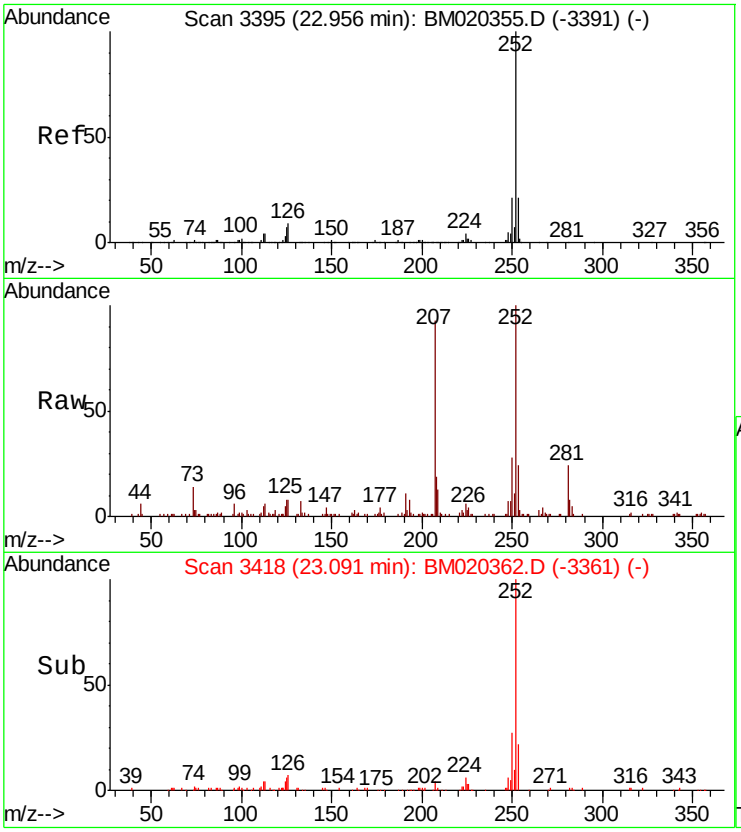


#87
Benzo(b)fluoranthene
Concen: 16.205 ng/ul
RT: 22.92 min Scan# 3389
Delta R.T. 0.01 min
Lab File: BM020362.D
Acq: 17 May 2019 13:23

Tgt Ion:252 Resp: 361090

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	7.6	5.0	7.4#



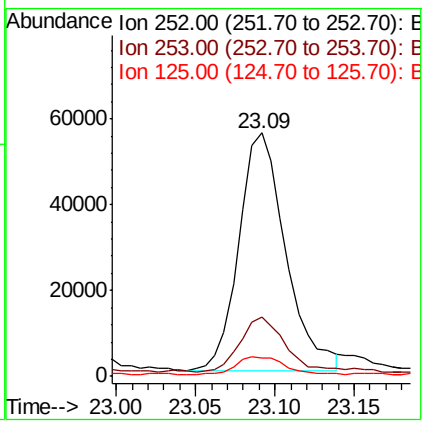


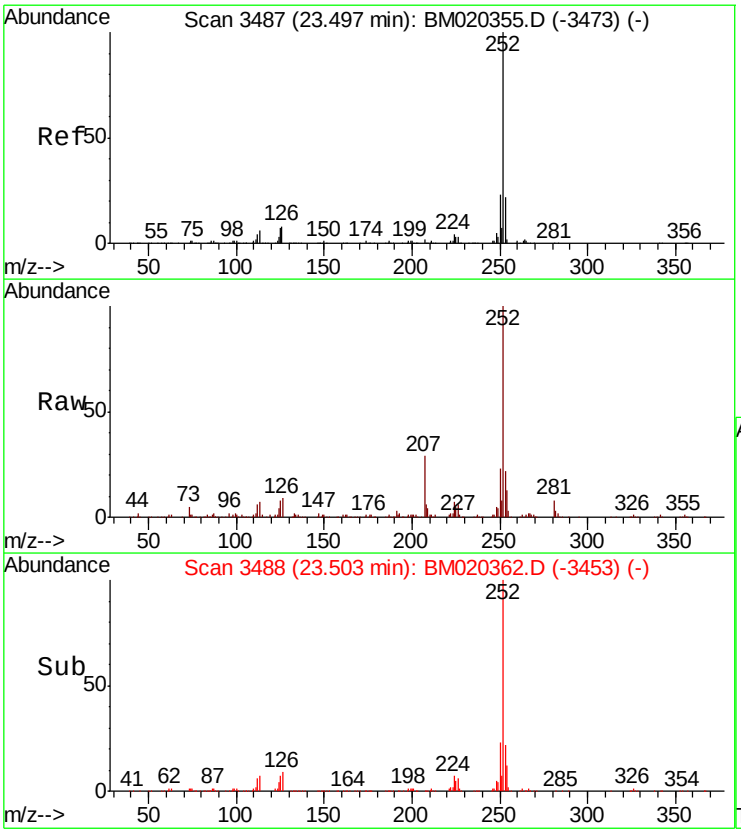
#88
Benzo(k)fluoranthene
Concen: 5.184 ng/ul
RT: 23.09 min Scan# 3418
Delta R.T. 0.14 min
Lab File: BM020362.D
Acq: 17 May 2019 13:23

Instrument :
BNA_M
ClientSampleId :
GAJ90DL

Tgt Ion:252 Resp: 113464

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	7.5	5.0	7.6

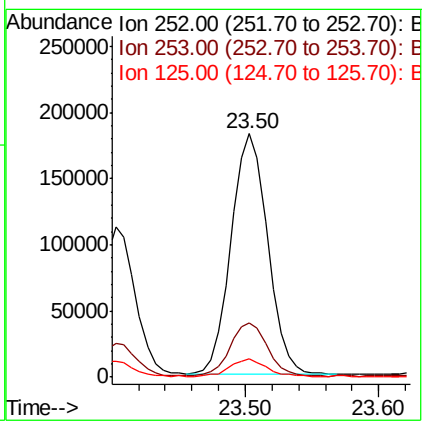


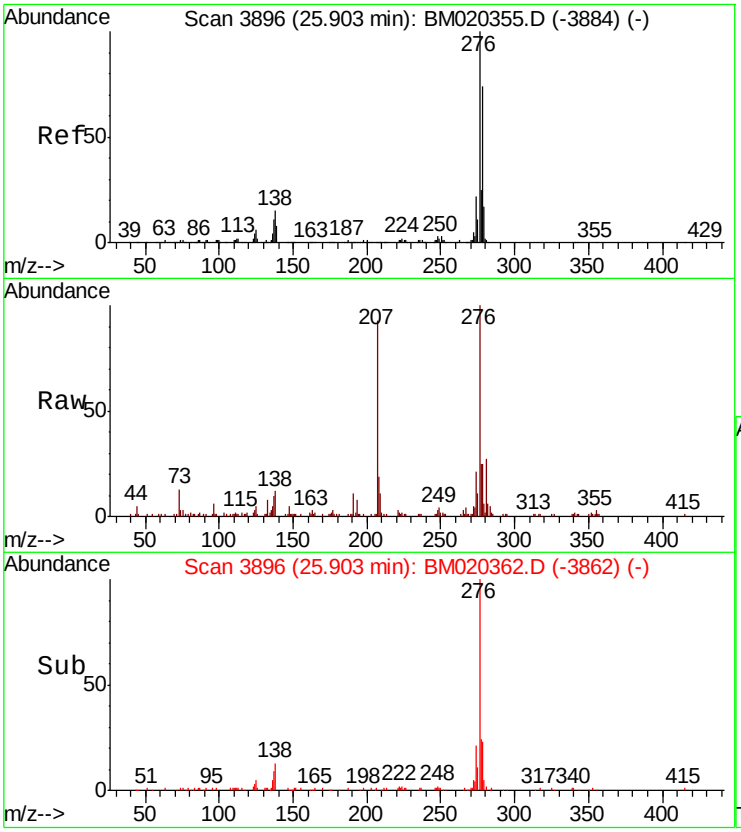


#90
Benzo(a)pyrene
Concen: 16.567 ng/ul
RT: 23.50 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM020362.D
Acq: 17 May 2019 13:23

Tgt Ion:252 Resp: 347428

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	7.7	5.4	8.2



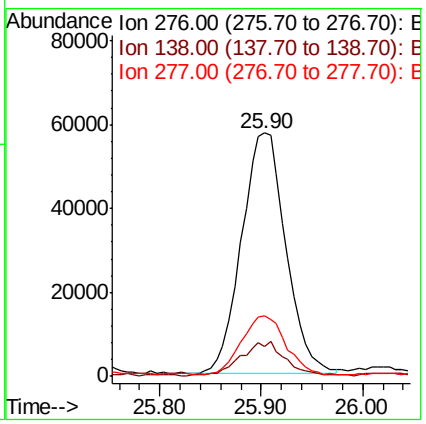


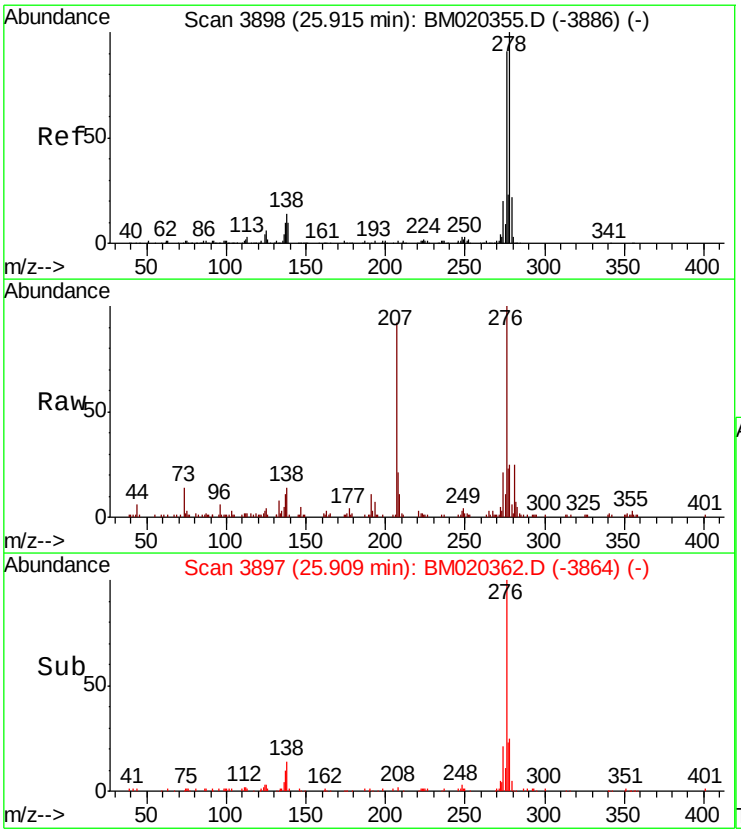
#91
Indeno(1,2,3-cd)pyrene
Concen: 7.335 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.00 min
Lab File: BM020362.D
Acq: 17 May 2019 13:23

Instrument :
BNA_M
ClientSampleId :
GAJ90DL

Tgt Ion:276 Resp: 175273

Ion	Ratio	Lower	Upper
276	100		
138	12.4	12.3	18.5
277	24.8	20.0	30.0

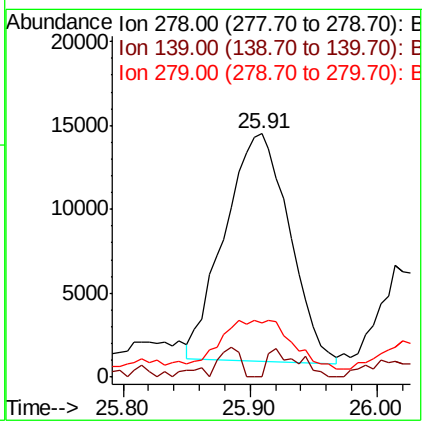


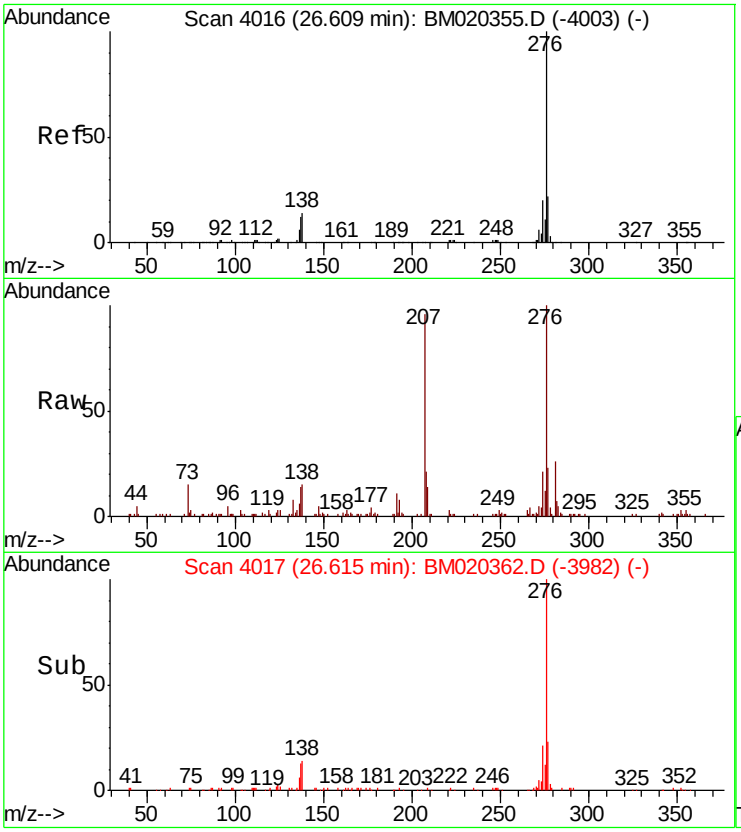


#92
Dibenzo(a,h)anthracene
Concen: 2.350 ng/ul
RT: 25.91 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BM020362.D
Acq: 17 May 2019 13:23

Tgt Ion:278 Resp: 48011

Ion	Ratio	Lower	Upper
278	100		
139	2.5	8.1	12.1#
279	22.5	18.7	28.1





#93
Benzo(g,h,i)perylene
Concen: 8.972 ng/ul
RT: 26.61 min Scan# 4017
Delta R.T. 0.01 min
Lab File: BM020362.D
Acq: 17 May 2019 13:23

Instrument :
BNA_M
ClientSampleId :
GAJ90DL

Tgt Ion:276 Resp: 177472

Ion	Ratio	Lower	Upper
276	100		
138	15.1	10.0	15.0#
277	23.1	18.2	27.4