Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\

Quantitation Report (Not Reviewed)

Data File : BM022279.D
Acq On : 24 Aug 2019 05:23
Operator : HP/JU
Sample : K4242-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG6

Quant Time: Aug 24 06:07:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	38531	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	172794	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	119689	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	279371	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	345616	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	292809	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	3237	3.76	ng/uL	0.00
5) Phenol-d5	6.75	99	66199	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	39669	20.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	57762	21.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	59320	20.58	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	29212	22.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	33729	22.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	66278	21.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	68846	18.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	230366	21.86	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	247798	21.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	21655	13.87	ng/ul	0.01
57) Fluorene-d10	15.22	176	195453	22.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	25764	11.95	ng/ul	0.00
70) Anthracene-d10	17.07	188	334226	22.59	ng/ul	0.00
78) Pyrene-d10	19.38	212	462980	25.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	390572	24.28	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.69	163	37297	3.478	ng/ul	99
49) Acenaphthene	14.27	153	26467	3.167	ng/ul	93
53) Dibenzofuran	14.62	168	29032	2.332	ng/ul	98
58) Fluorene	15.27	166	41787	3.985	ng/ul	98
69) Phenanthrene	17.02	178	580293	34.721	ng/ul	99
71) Anthracene	17.11	178	168642	9.697	ng/ul	99
74) Carbazole	17.40	167	70621	4.496	ng/ul	99
76) Fluoranthene	19.04	202	924779	36.718	ng/ul	99
79) Pyrene	19.42	202	743928	33.255	ng/ul	96
82) Benzo(a)anthracene	21.17	228	433286	16.657	ng/ul	98
84) Chrysene	21.22	228	331922	13.647	ng/ul	98
87) Benzo(b)fluoranthene	22.72	252	387169	19.008	ng/ul	97
88) Benzo(k)fluoranthene	22.72	252	387169	19.601	ng/ul	99
90) Benzo(a)pyrene	23.28	252	271036	13.960	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.56	276	140671	6.240	ng/ul	98
92) Dibenzo(a,h)anthracene	25.56	278	35519	1.856	ng/ul#	87
93) Benzo(g,h,i)perylene	26.23	276	104595	6.082	ng/ul	96

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

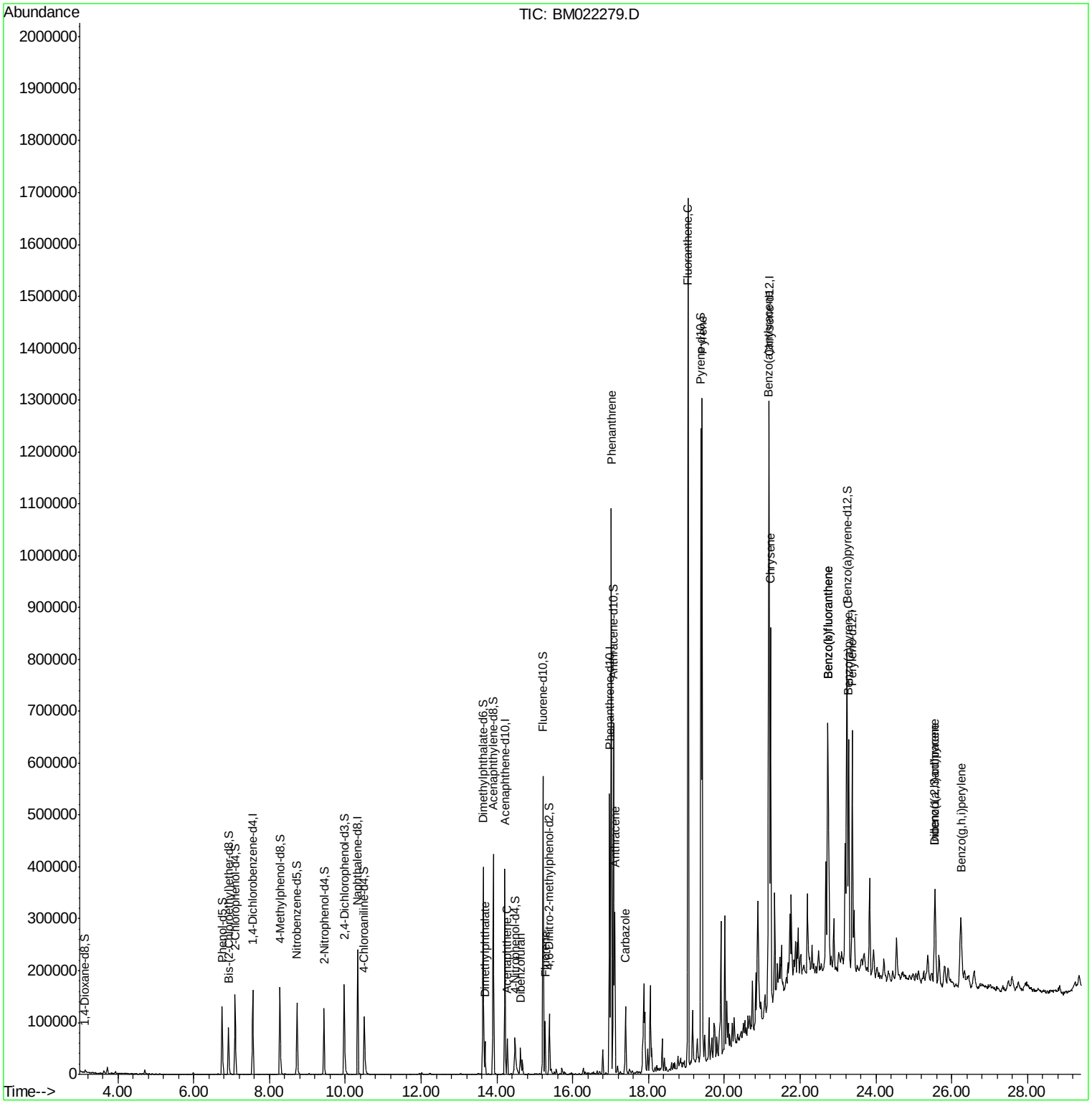
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\

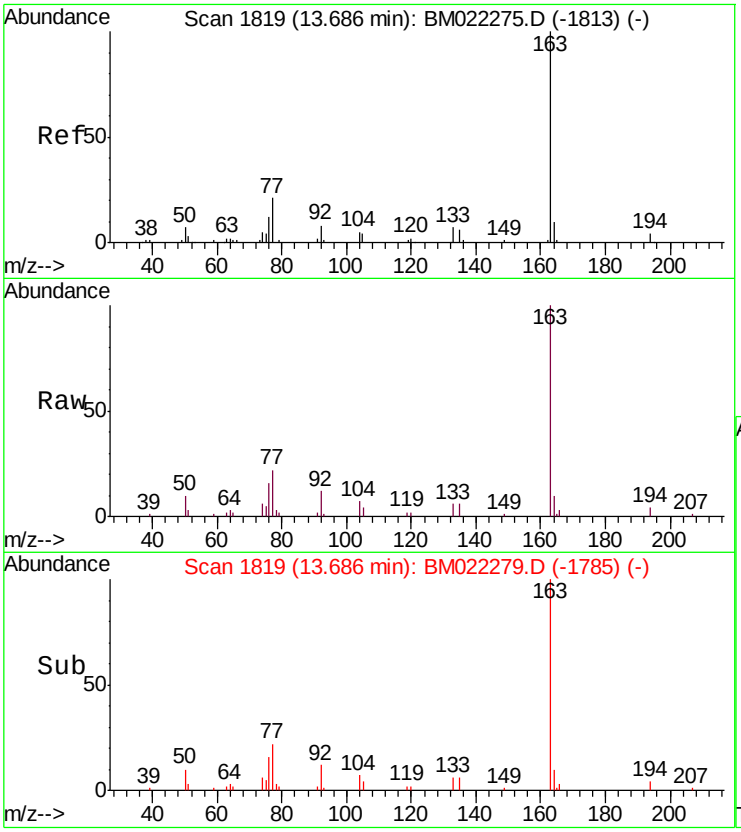
Quantitation Report (Not Reviewed)

Data File : BM022279.D
Acq On : 24 Aug 2019 05:23
Operator : HP/JU
Sample : K4242-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG6

Quant Time: Aug 24 06:07:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
Response via : Initial Calibration



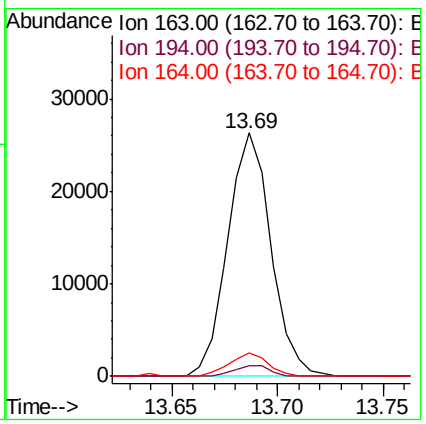


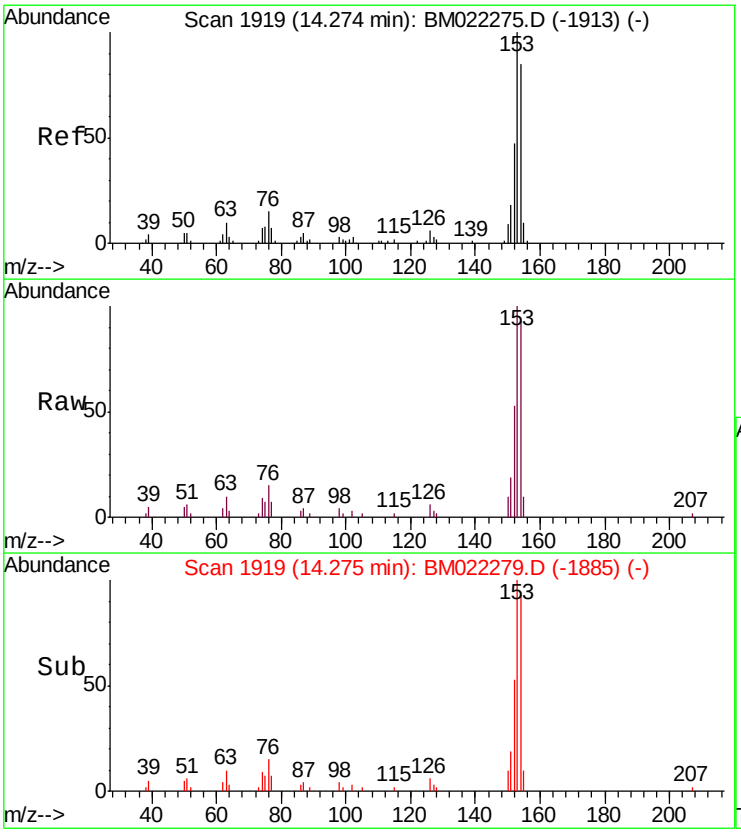
#44
Dimethylphthalate
Concen: 3.478 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Instrument :
BNA_M
ClientSampleId :
C0AG6

Tgt Ion:163 Resp: 37297

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	9.7	7.8	11.8

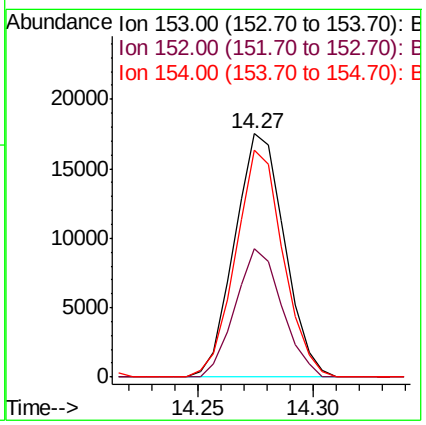


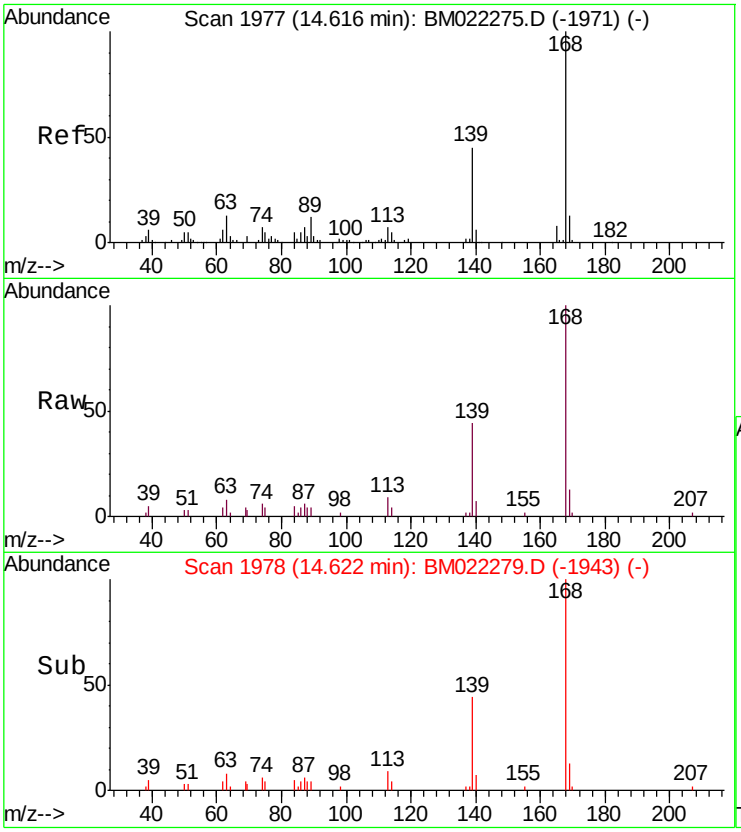


#49
Acenaphthene
Concen: 3.167 ng/ul
RT: 14.27 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Tgt Ion:153 Resp: 26467

Ion	Ratio	Lower	Upper
153	100		
152	52.9	38.6	58.0
154	93.0	68.9	103.3



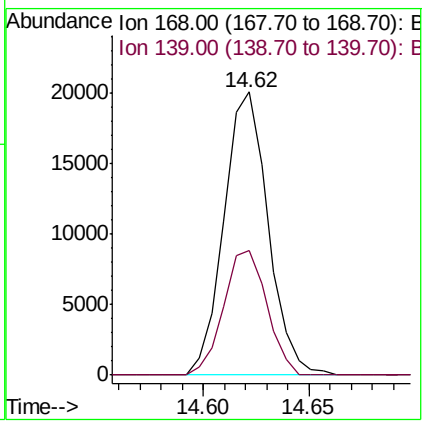


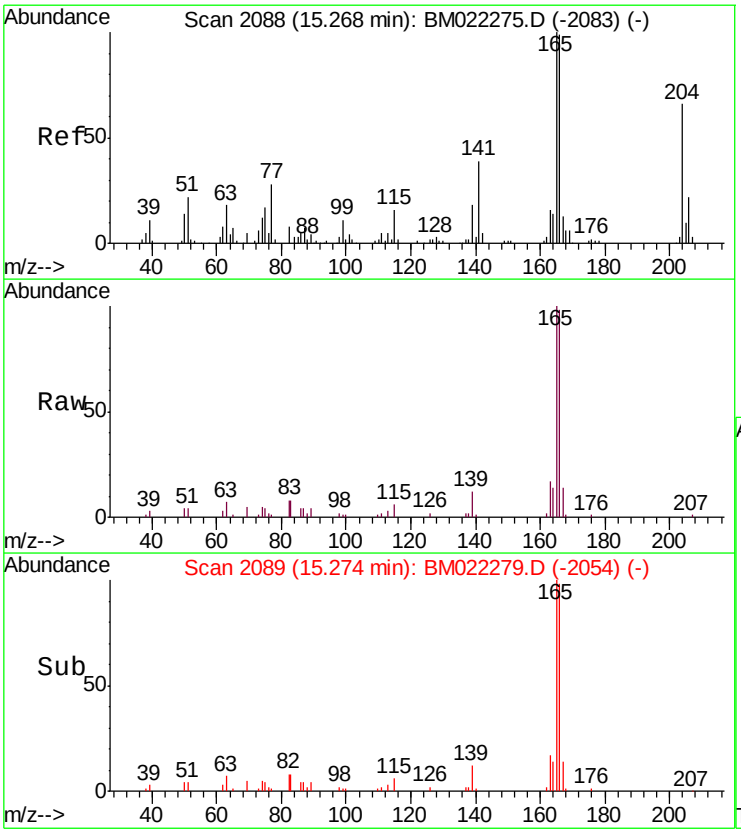
#53
Dibenzofuran
Concen: 2.332 ng/ul
RT: 14.62 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Instrument :
BNA_M
ClientSampleId :
C0AG6

Tgt Ion:168 Resp: 29032

Ion	Ratio	Lower	Upper
168	100		
139	44.1	36.2	54.4

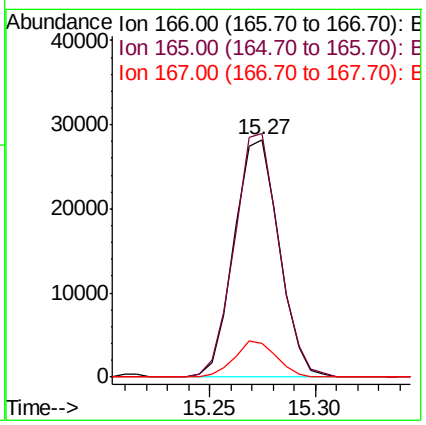


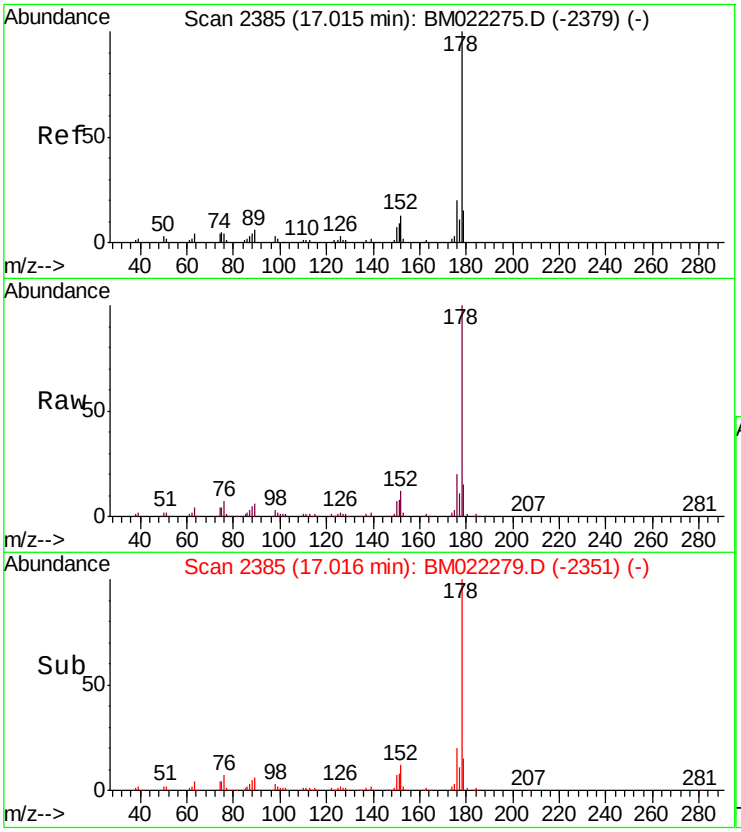


#58
Fluorene
Concen: 3.985 ng/ul
RT: 15.27 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Tgt Ion:166 Resp: 41787

Ion	Ratio	Lower	Upper
166	100		
165	102.5	80.2	120.2
167	14.1	11.4	17.0



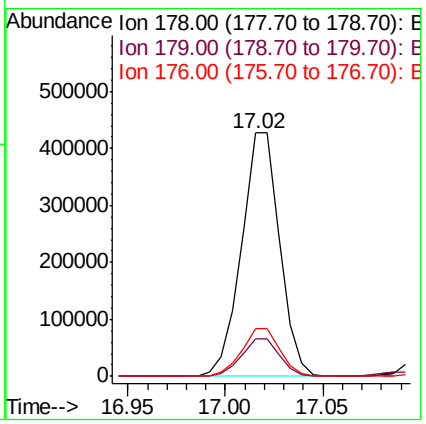


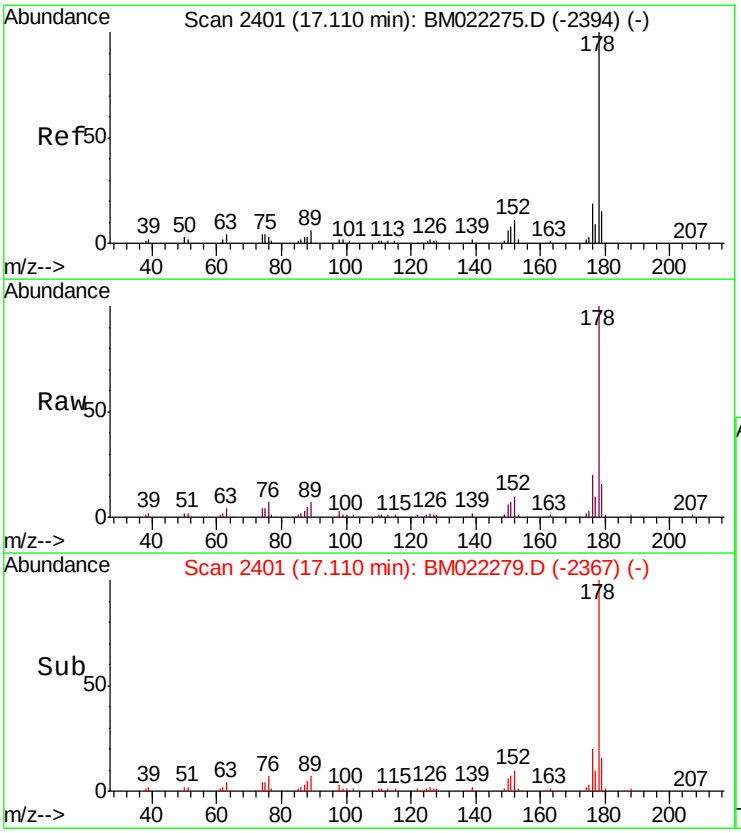
#69
Phenanthrene
Concen: 34.721 ng/ul
RT: 17.02 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Instrument :
BNA_M
ClientSampleId :
C0AG6

Tgt Ion:178 Resp: 580293

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.7	15.4	23.0

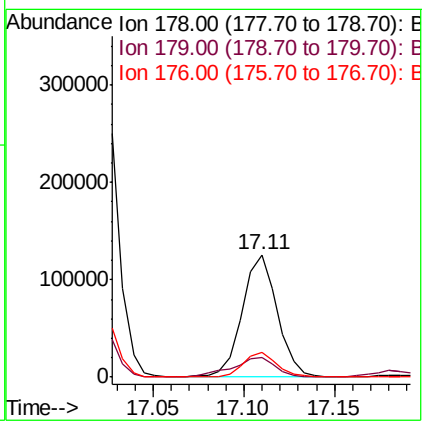


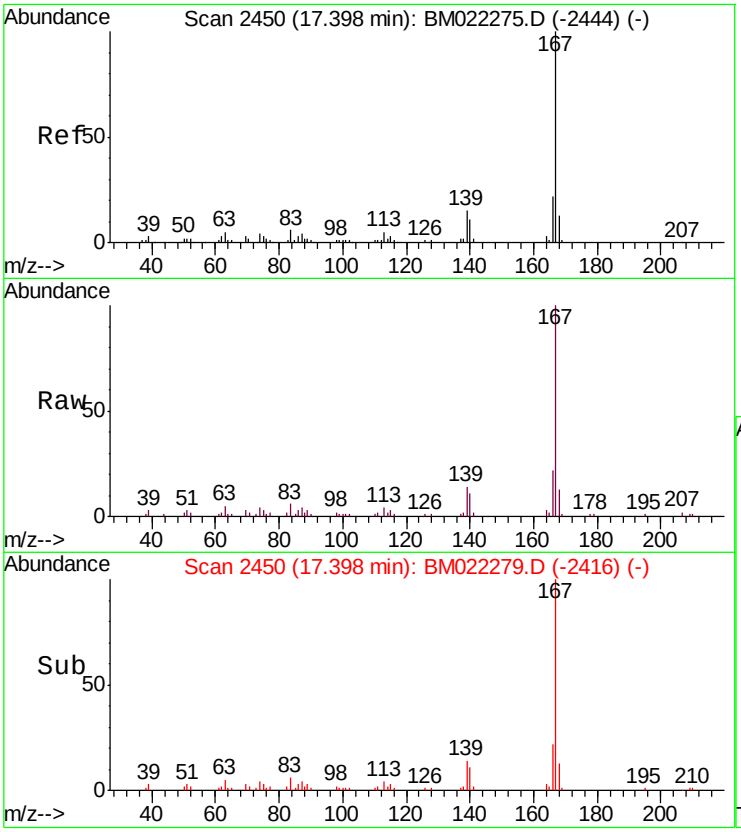


#71
Anthracene
Concen: 9.697 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Tgt Ion:178 Resp: 168642

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	20.0	15.5	23.3



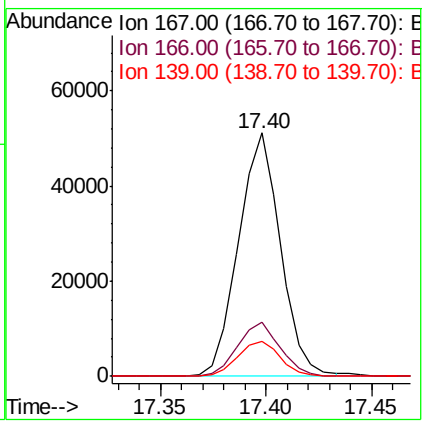


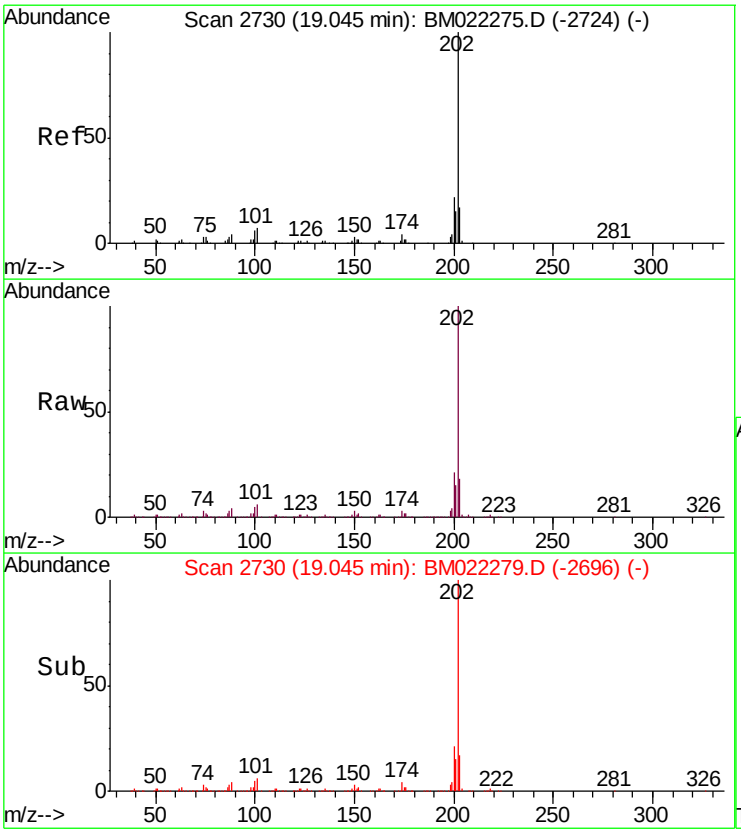
#74
Carbazole
Concen: 4.496 ng/ul
RT: 17.40 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Instrument :
BNA_M
ClientSampleId :
C0AG6

Tgt Ion:167 Resp: 70621

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	14.2	11.8	17.8

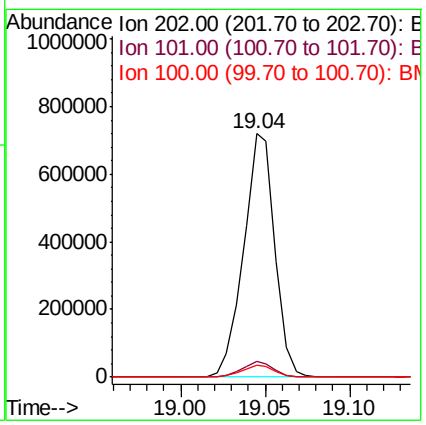


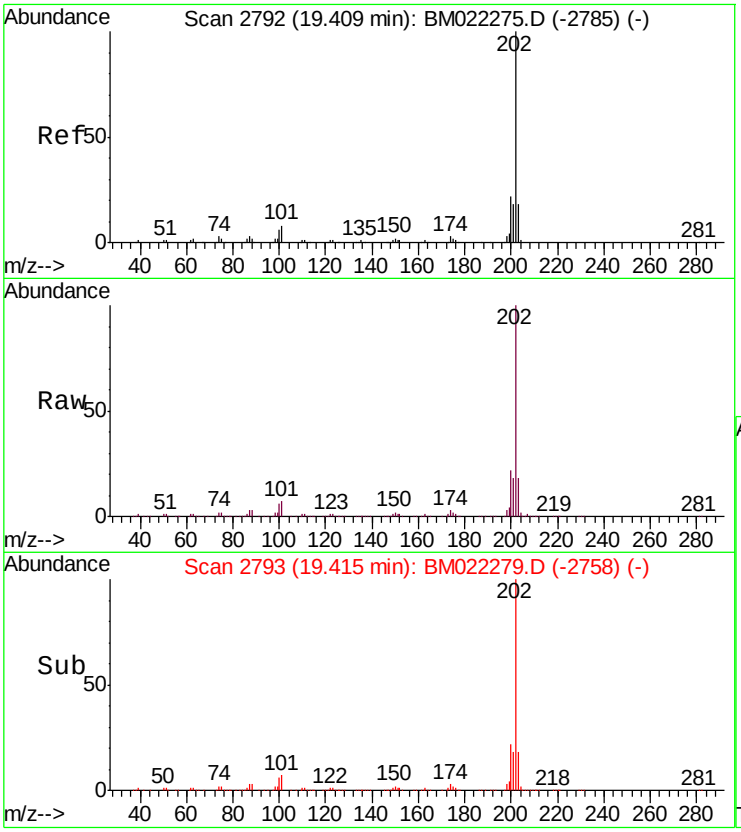


#76
Fluoranthene
Concen: 36.718 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. 0.00 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Tgt Ion:202 Resp: 924779

Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.3	7.9
100	5.1	4.6	6.8



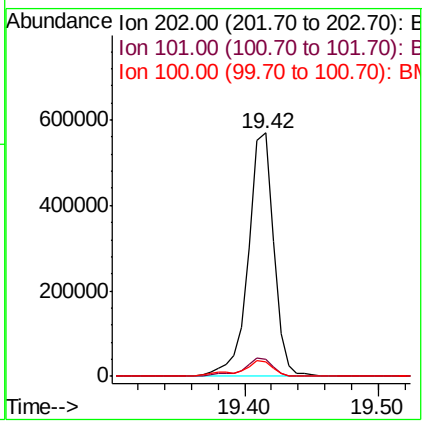


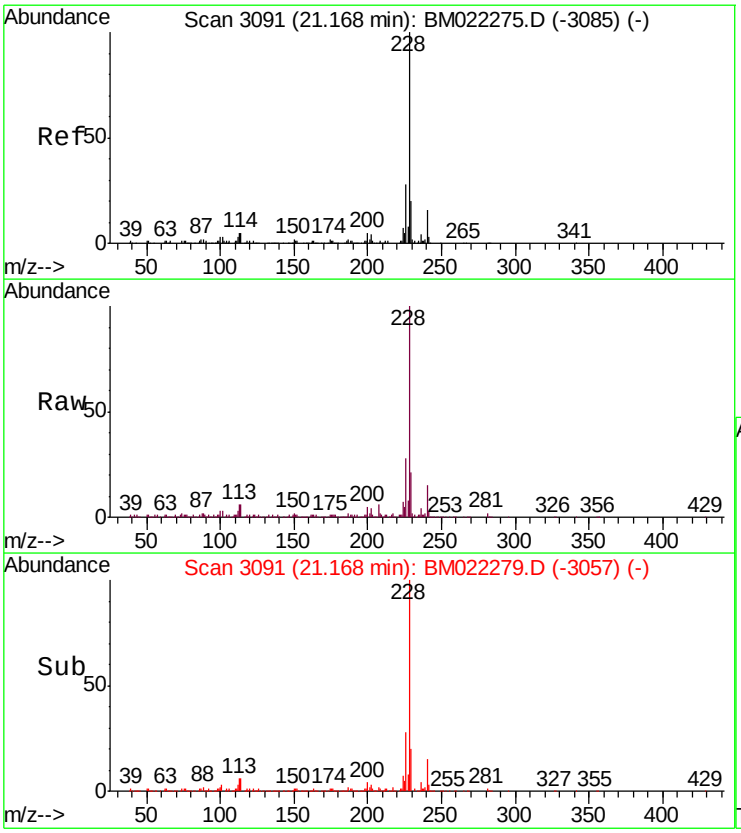
#79
Pyrene
Concen: 33.255 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Instrument :
BNA_M
ClientSampleId :
C0AG6

Tgt Ion:202 Resp: 743928

Ion	Ratio	Lower	Upper
202	100		
101	7.1	7.0	10.4
100	6.2	5.8	8.8

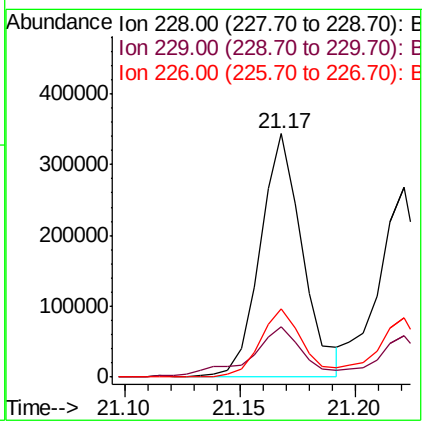


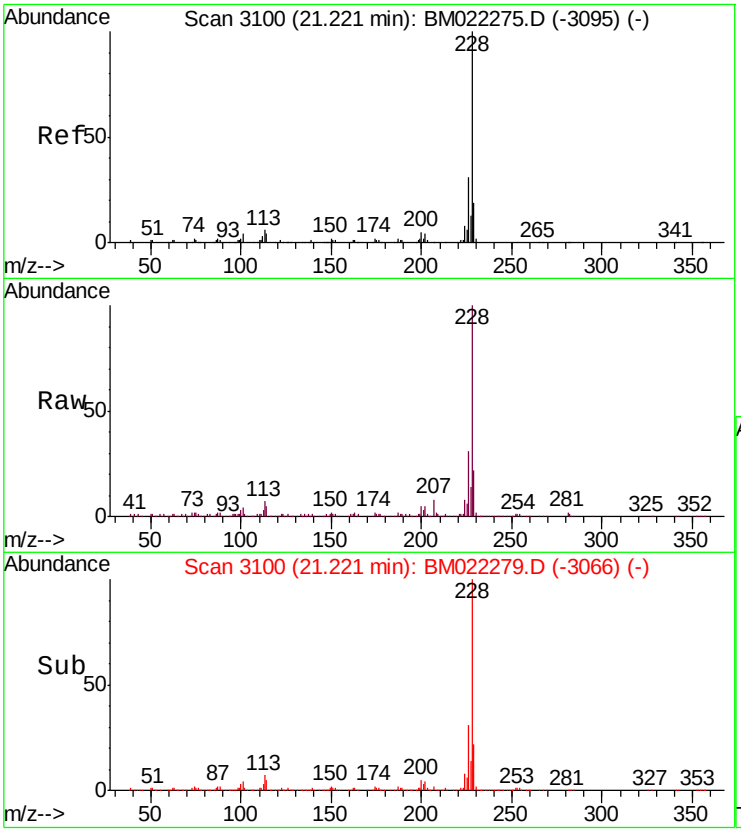


#82
Benzo(a)anthracene
Concen: 16.657 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Tgt Ion:228 Resp: 433286

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.2	22.8
226	28.3	22.3	33.5



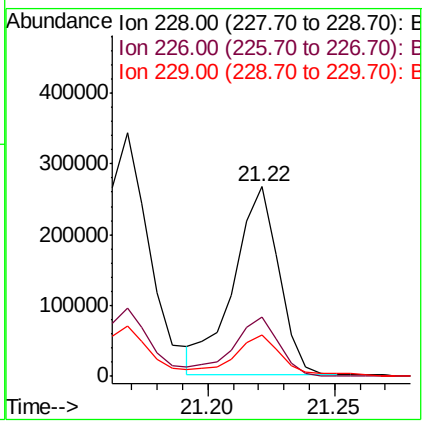


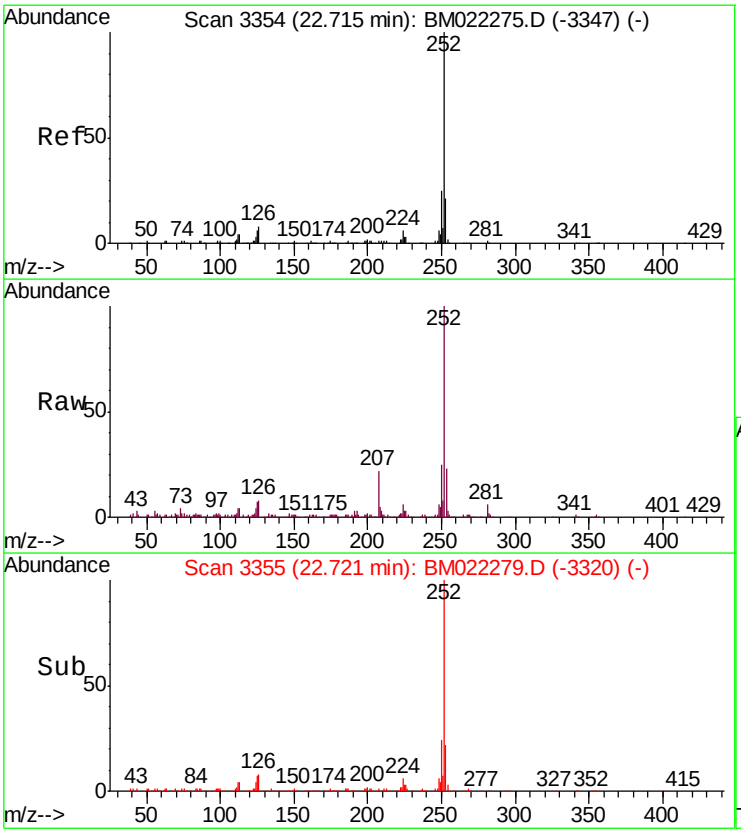
#84
Chrysene
Concen: 13.647 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Instrument :
BNA_M
ClientSampleId :
C0AG6

Tgt Ion:228 Resp: 331922

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	22.0	15.7	23.5

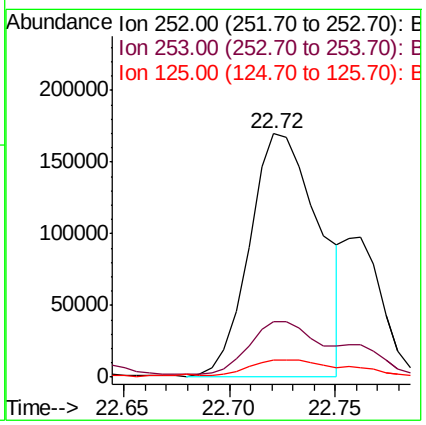


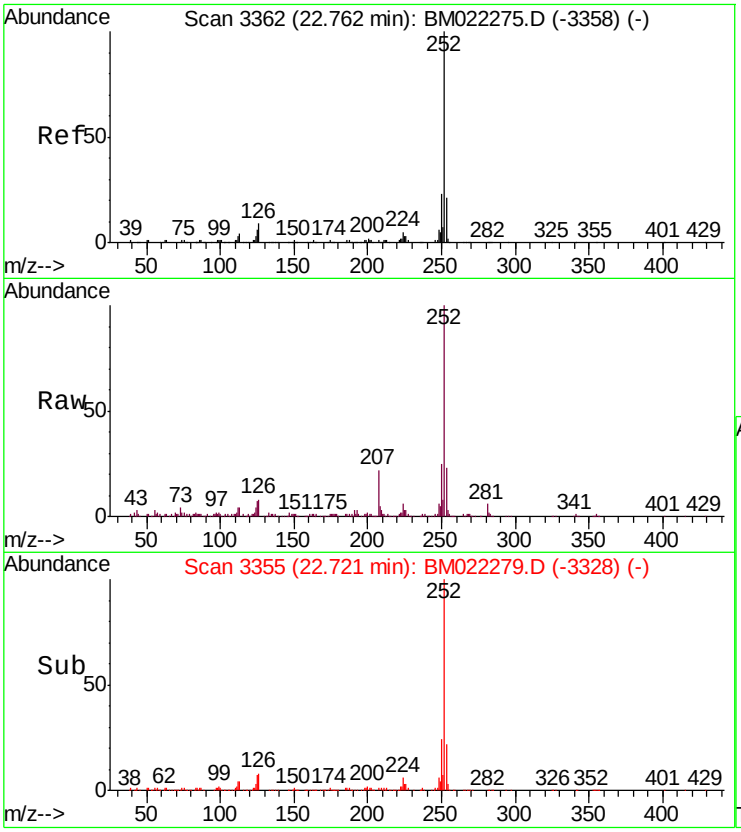


#87
Benzo(b)fluoranthene
Concen: 19.008 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Tgt Ion:252 Resp: 387169

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	7.0	5.2	7.8



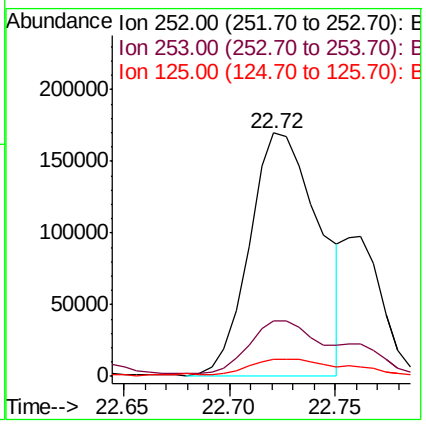


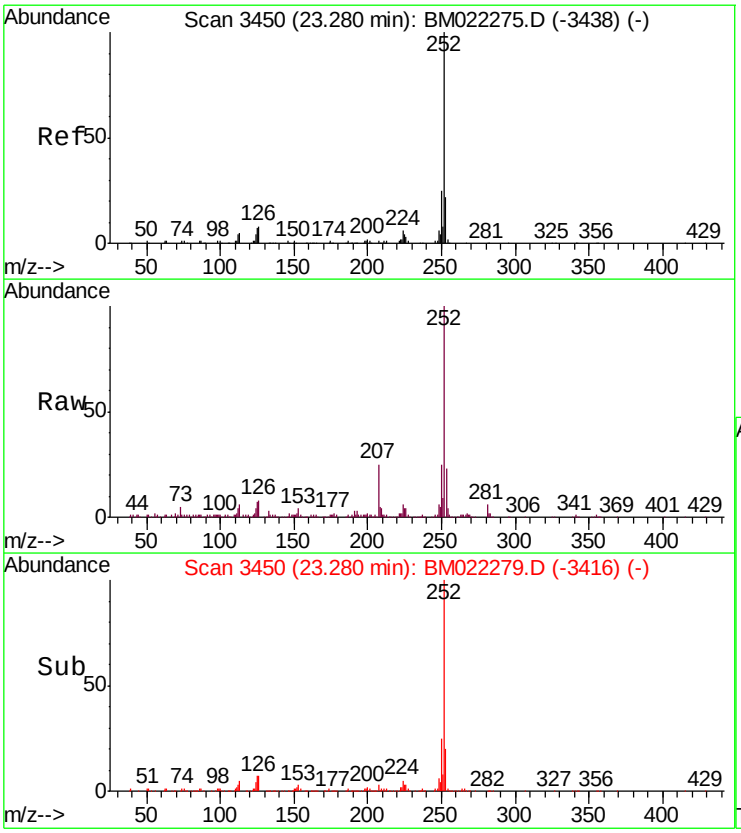
#88
Benzo(k)fluoranthene
Concen: 19.601 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. -0.04 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Instrument :
BNA_M
ClientSampleId :
C0AG6

Tgt Ion:252 Resp: 387169

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	7.0	5.1	7.7

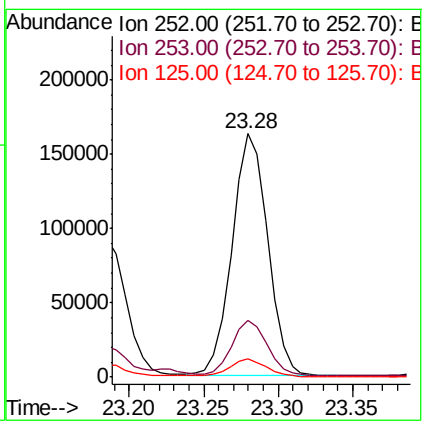


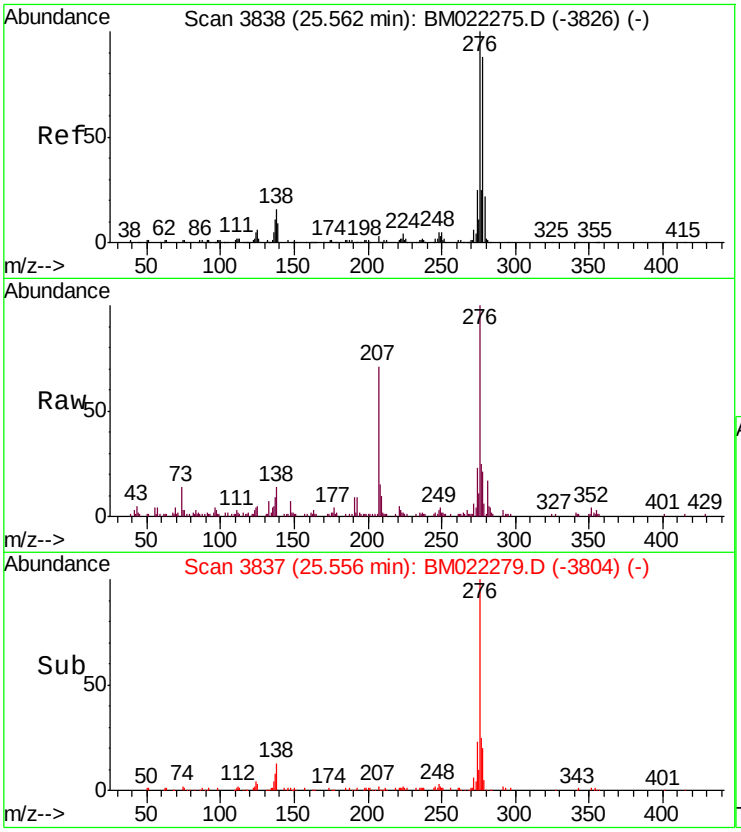


#90
Benzo(a)pyrene
Concen: 13.960 ng/ul
RT: 23.28 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Tgt Ion:252 Resp: 271036

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.9	25.3
125	7.3	5.5	8.3



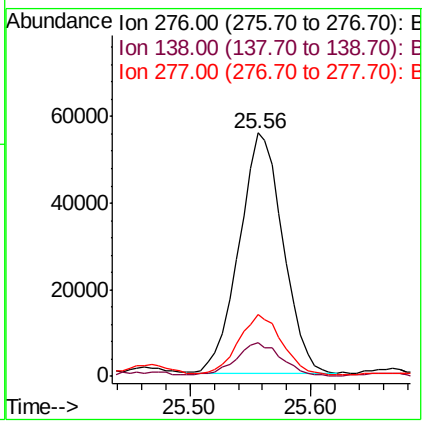


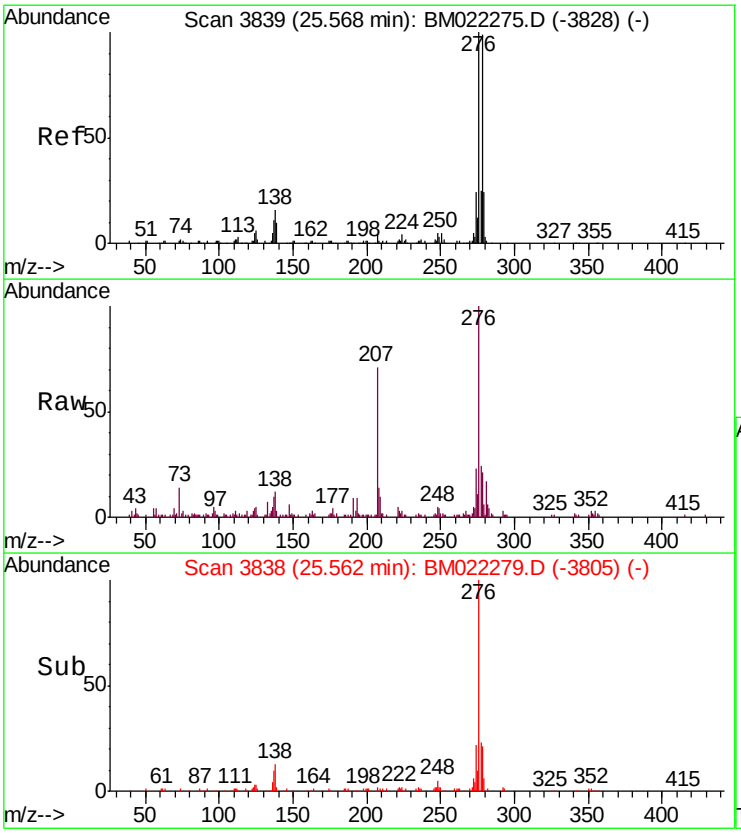
#91
Indeno(1,2,3-cd)pyrene
Concen: 6.240 ng/ul
RT: 25.56 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Instrument :
BNA_M
ClientSampleId :
C0AG6

Tgt Ion:276 Resp: 140671

Ion	Ratio	Lower	Upper
276	100		
138	13.6	12.6	18.8
277	25.3	20.2	30.2

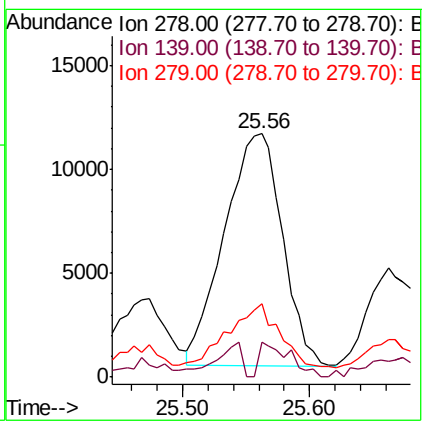


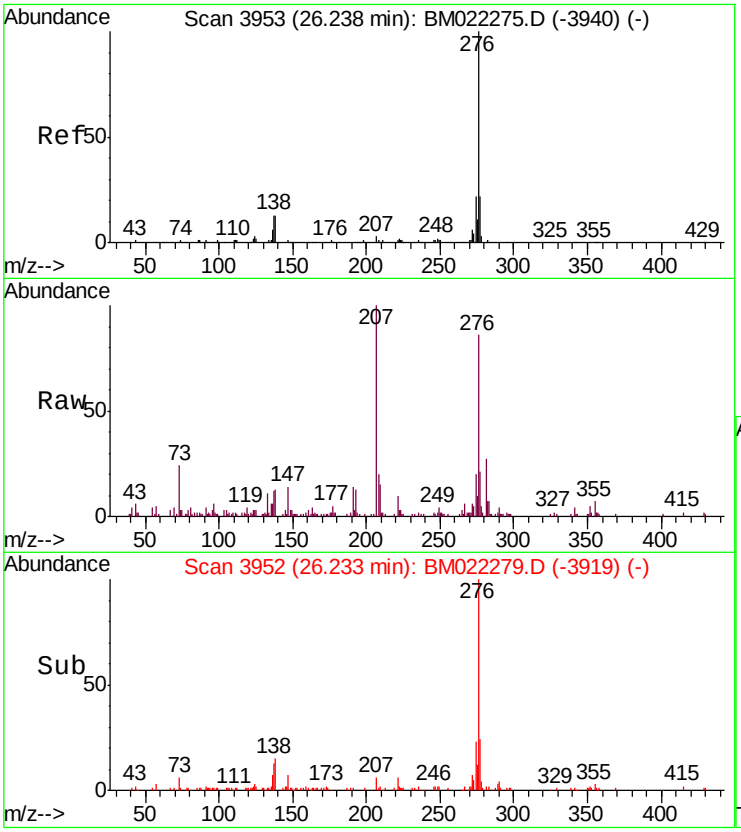


#92
Dibenzo(a,h)anthracene
Concen: 1.856 ng/ul
RT: 25.56 min Scan# 3838
Delta R.T. -0.01 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Tgt Ion:278 Resp: 35519

Ion	Ratio	Lower	Upper
278	100		
139	14.5	7.7	11.5#
279	30.0	19.0	28.6#





#93
Benzo(g,h,i)perylene
Concen: 6.082 ng/ul
RT: 26.23 min Scan# 3952
Delta R.T. -0.01 min
Lab File: BM022279.D
Acq: 24 Aug 2019 05:23

Instrument :
BNA_M
ClientSampleId :
C0AG6

Tgt Ion:276 Resp: 104595

Ion	Ratio	Lower	Upper
276	100		
138	14.7	10.2	15.4
277	24.3	18.2	27.4