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

Quantitation Report (Not Reviewed)

Data File : BM022276.D
Acq On : 24 Aug 2019 03:31
Operator : HP/JU
Sample : K4242-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7

Quant Time: Aug 24 06:06:53 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	35767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	154906	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	106089	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	253380	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	413101	20.00	ng/ul	0.01
85) Perylene-d12	23.39	264	245685	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	448	0.56	ng/uL	0.01
5) Phenol-d5	6.76	99	13797	4.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	8614	4.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	12231	4.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	11648	4.35	ng/ul	0.01
19) Nitrobenzene-d5	8.74	128	5443	4.71	ng/ul	0.01
22) 2-Nitrophenol-d4	9.45	143	5414	4.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	12079	4.41	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	11511	3.46	ng/ul	0.02
43) Dimethylphthalate-d6	13.64	166	48777	5.22	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	49335	4.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	2918	2.11	ng/ul	0.04
57) Fluorene-d10	15.22	176	41514	5.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	4151	2.12	ng/ul	0.02
70) Anthracene-d10	17.08	188	76536	5.70	ng/ul	0.00
78) Pyrene-d10	19.39	212	122447	5.70	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.25	264	70050	5.19	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.38	128	113035	13.222	ng/ul	99
30) 4-Chloroaniline	10.38	127	14635	4.224	ng/ul#	11
34) 2-Methylnaphthalene	12.01	142	30353	4.608	ng/ul	97
40) 1,1'-Biphenyl	13.04	154	12237	1.417	ng/ul	97
44) Dimethylphthalate	13.69	163	12760	1.342	ng/ul	97
49) Acenaphthene	14.28	153	267034	36.044	ng/ul	99
53) Dibenzofuran	14.62	168	167146	15.148	ng/ul	100
58) Fluorene	15.27	166	262277	28.221	ng/ul	99
60) 4-Nitroaniline	15.27	138	3640	2.257	ng/ul#	1
69) Phenanthrene	17.04	178	11479421	757.299	ng/ul	96
71) Anthracene	17.12	178	1589710	100.781	ng/ul	100
74) Carbazole	17.40	167	580463	40.742	ng/ul	100
76) Fluoranthene	19.07	202	16616074	727.409	ng/ul	99
79) Pyrene	19.44	202	15584811	582.860	ng/ul	98
82) Benzo(a)anthracene	21.19	228	5920245	190.412	ng/ul	97
84) Chrysene	21.19	228	5920245	203.647	ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	4381305	256.358	ng/ul#	96
88) Benzo(k)fluoranthene	22.78	252	1588483	95.845	ng/ul#	98
90) Benzo(a)pyrene	23.20	252	1669507	102.485	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	1607486	84.978	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.59	278	418696	26.072	ng/ul#	88
93) Benzo(g,h,i)perylene	26.27	276	1140692	79.045	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data File : BM022276.D
Acq On : 24 Aug 2019 03:31
Operator : HP/JU
Sample : K4242-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG7

Quant Time: Aug 24 06:06:53 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)

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

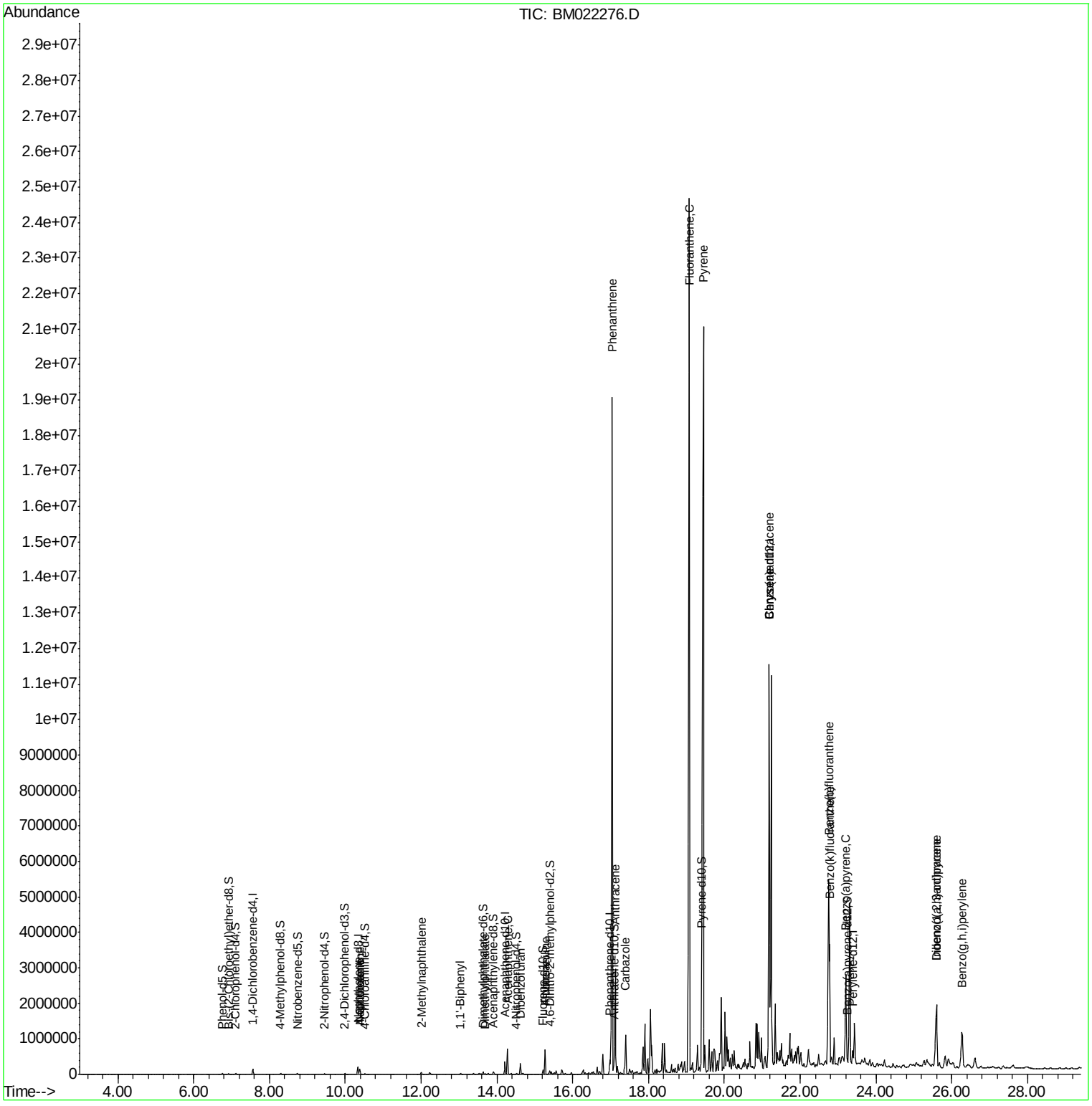
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\

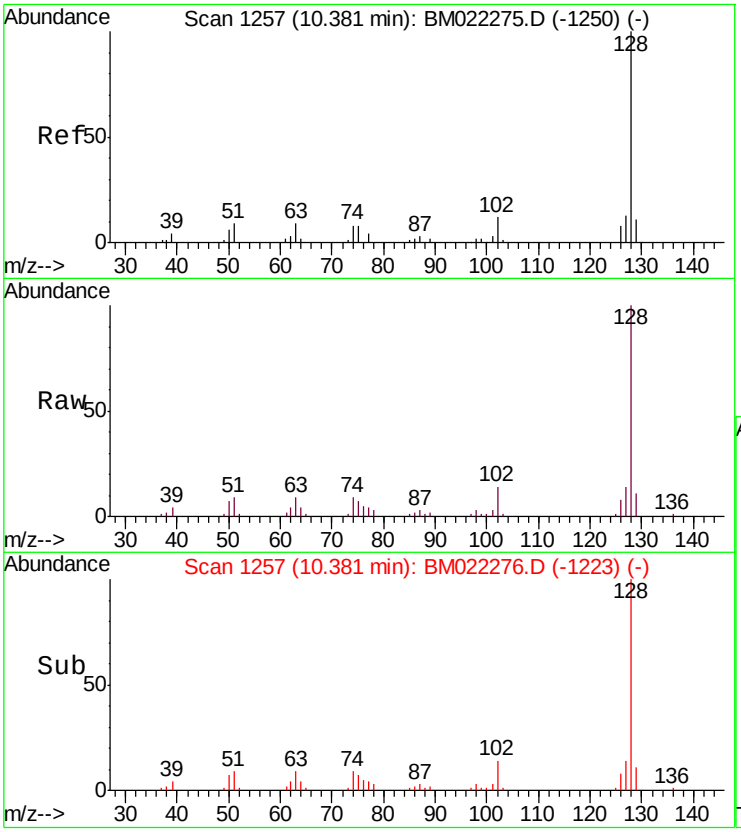
Quantitation Report (Not Reviewed)

Data File : BM022276.D
Acq On : 24 Aug 2019 03:31
Operator : HP/JU
Sample : K4242-02DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG7

Quant Time: Aug 24 06:06:53 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



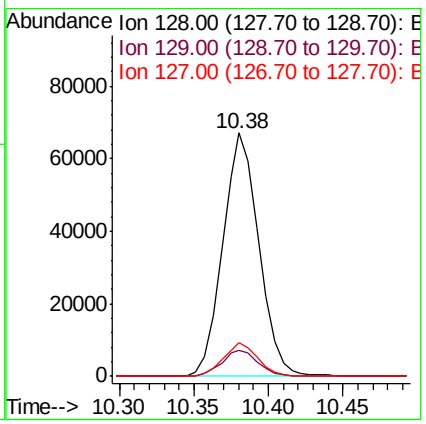


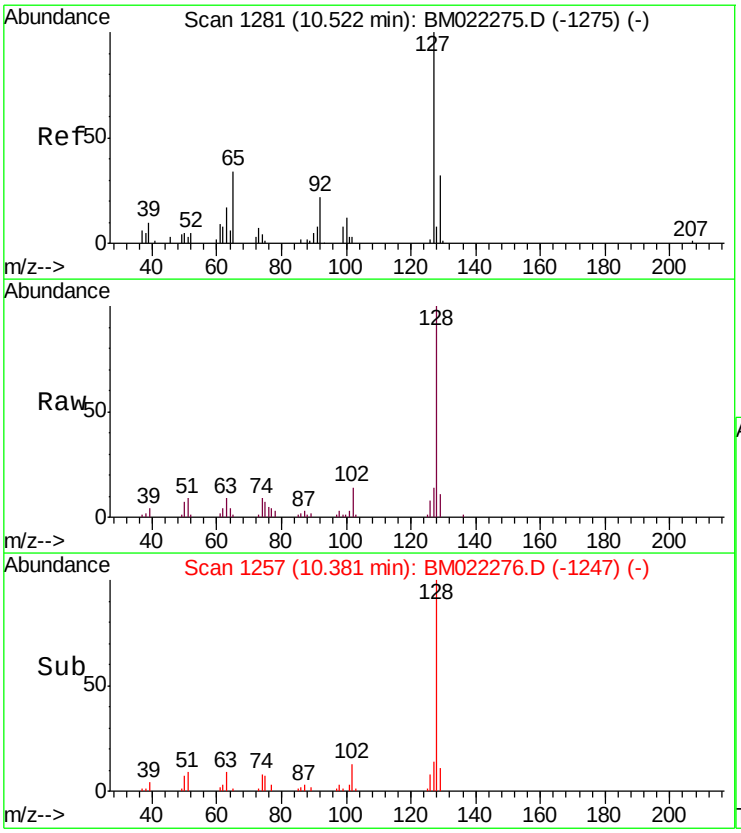
#28
Naphthalene
Concen: 13.222 ng/ul
RT: 10.38 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Instrument :
BNA_M
ClientSampleId :
C0AG7

Tgt Ion:128 Resp: 113035

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.7	10.4	15.6

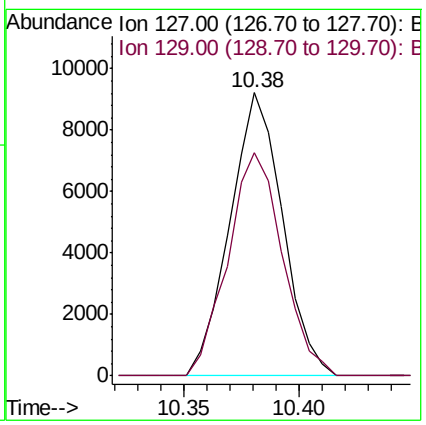


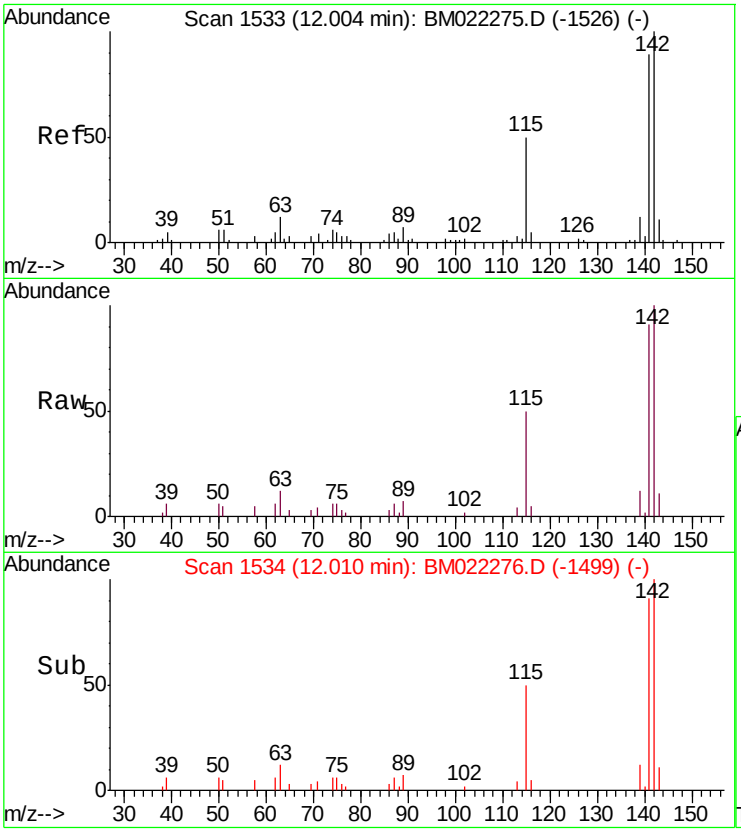


#30
4-Chloroaniline
Concen: 4.224 ng/ul
RT: 10.38 min Scan# 1257
Delta R.T. -0.14 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Tgt Ion:127 Resp: 14635

Ion	Ratio	Lower	Upper
127	100		
129	78.7	24.2	36.4#



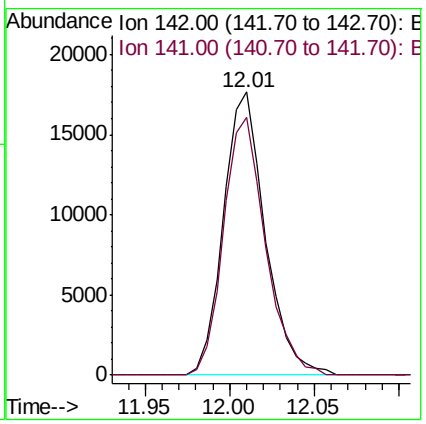


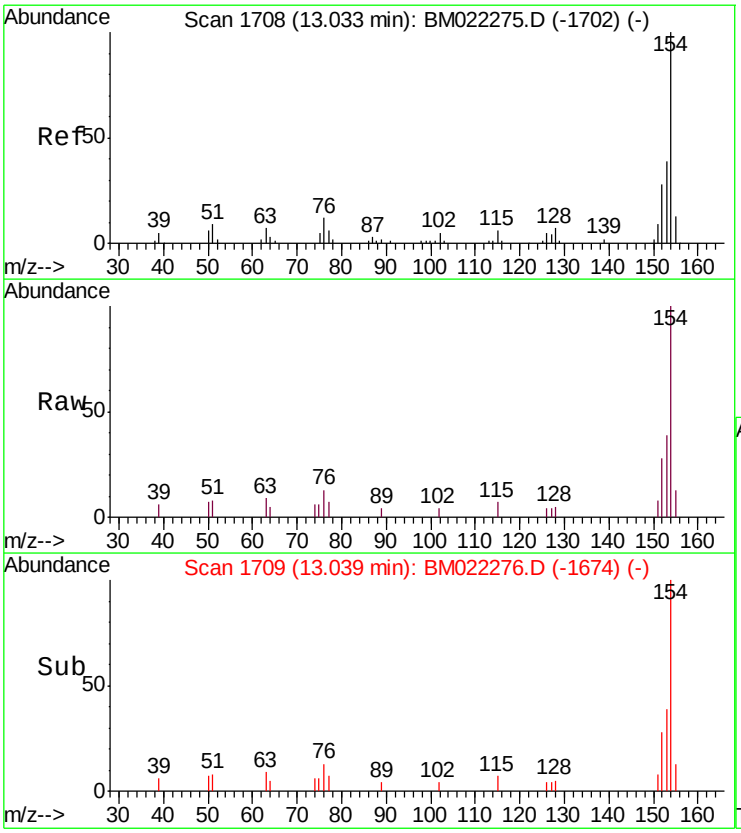
#34
2-Methylnaphthalene
Concen: 4.608 ng/ul
RT: 12.01 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Instrument :
BNA_M
ClientSampleId :
C0AG7

Tgt Ion:142 Resp: 30353

Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.1	112.7

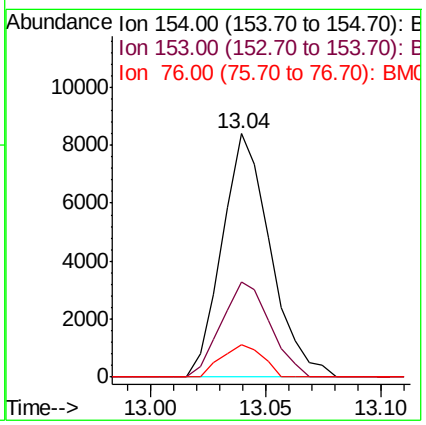


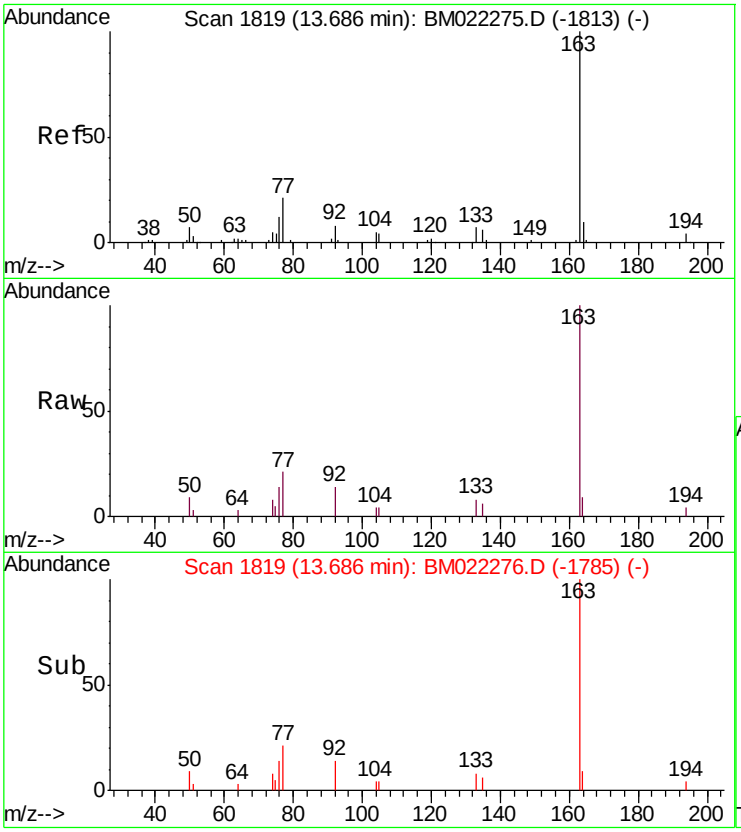


#40
1,1'-Biphenyl
Concen: 1.417 ng/ul
RT: 13.04 min Scan# 1709
Delta R.T. 0.01 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Tgt Ion:154 Resp: 12237

Ion	Ratio	Lower	Upper
154	100		
153	39.2	32.5	48.7
76	13.1	9.2	13.8



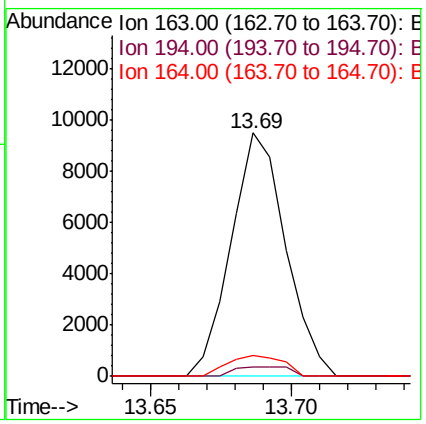


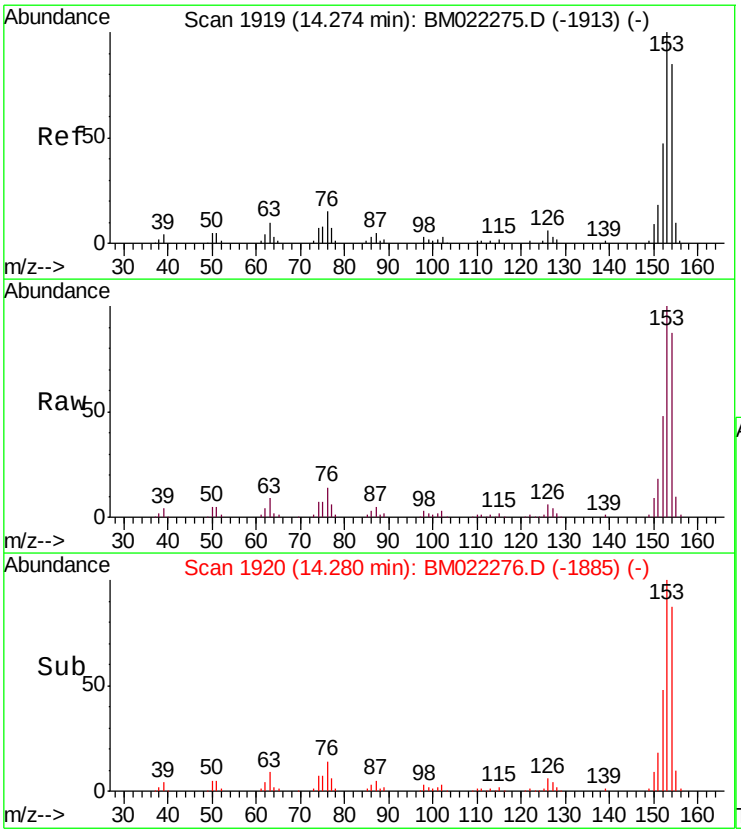
#44
Dimethylphthalate
Concen: 1.342 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Instrument :
BNA_M
ClientSampleId :
C0AG7

Tgt Ion:163 Resp: 12760

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	8.5	7.8	11.8

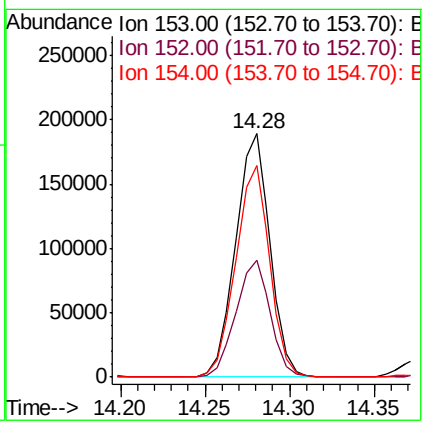


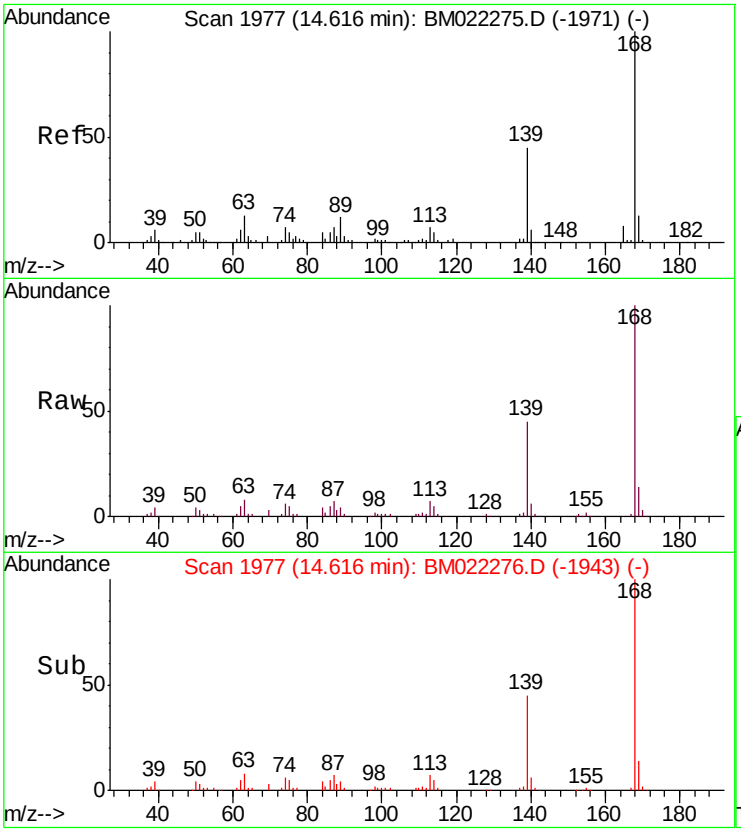


#49
Acenaphthene
Concen: 36.044 ng/ul
RT: 14.28 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Tgt Ion:153 Resp: 267034

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.6	58.0
154	86.9	68.9	103.3



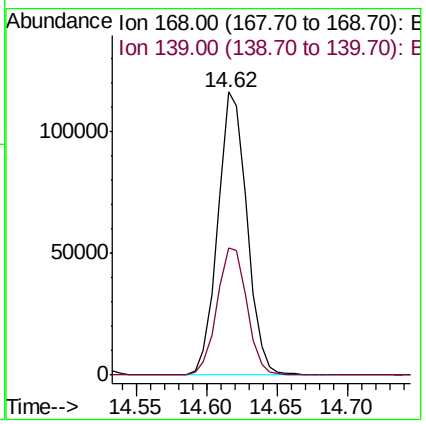


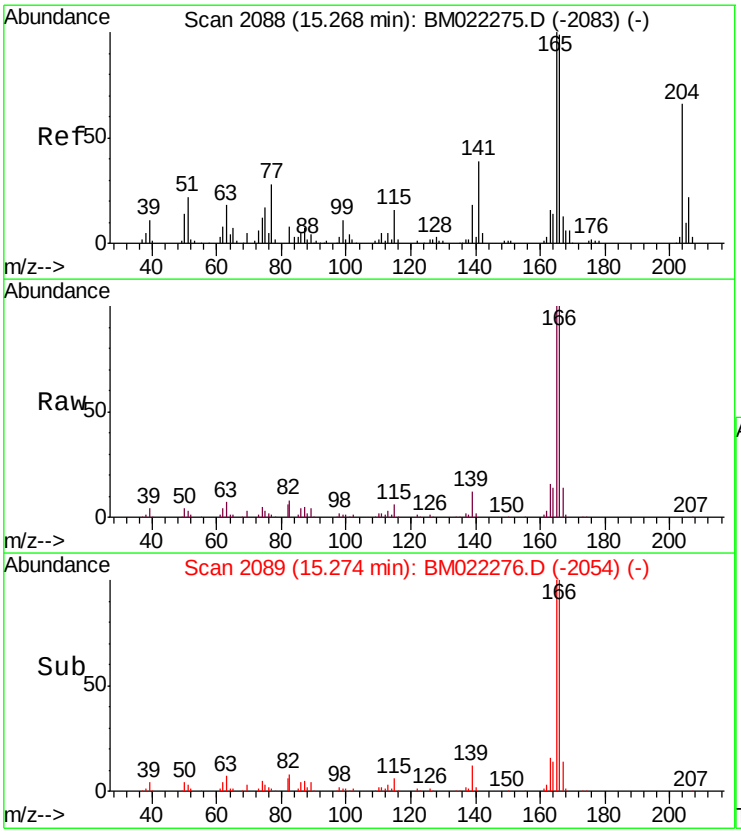
#53
Dibenzofuran
Concen: 15.148 ng/ul
RT: 14.62 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Instrument :
BNA_M
ClientSampleId :
C0AG7

Tgt Ion:168 Resp: 167146

Ion	Ratio	Lower	Upper
168	100		
139	45.0	36.2	54.4

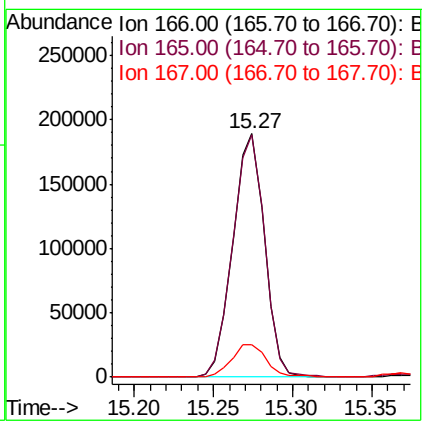


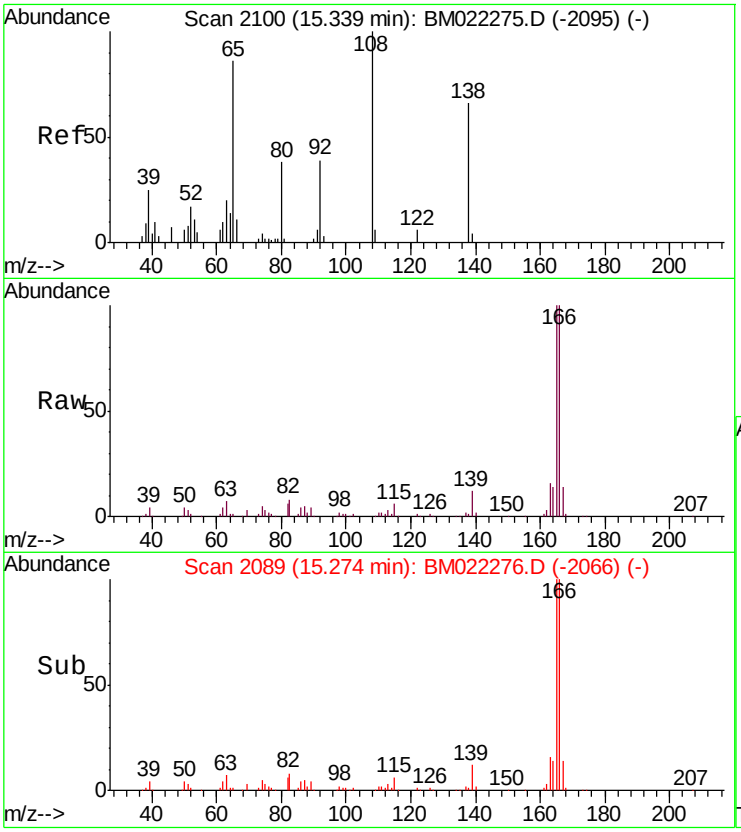


#58
Fluorene
Concen: 28.221 ng/ul
RT: 15.27 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Tgt Ion:166 Resp: 262277

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.2	120.2
167	13.5	11.4	17.0



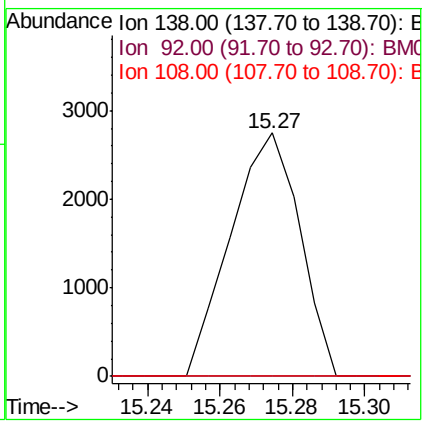


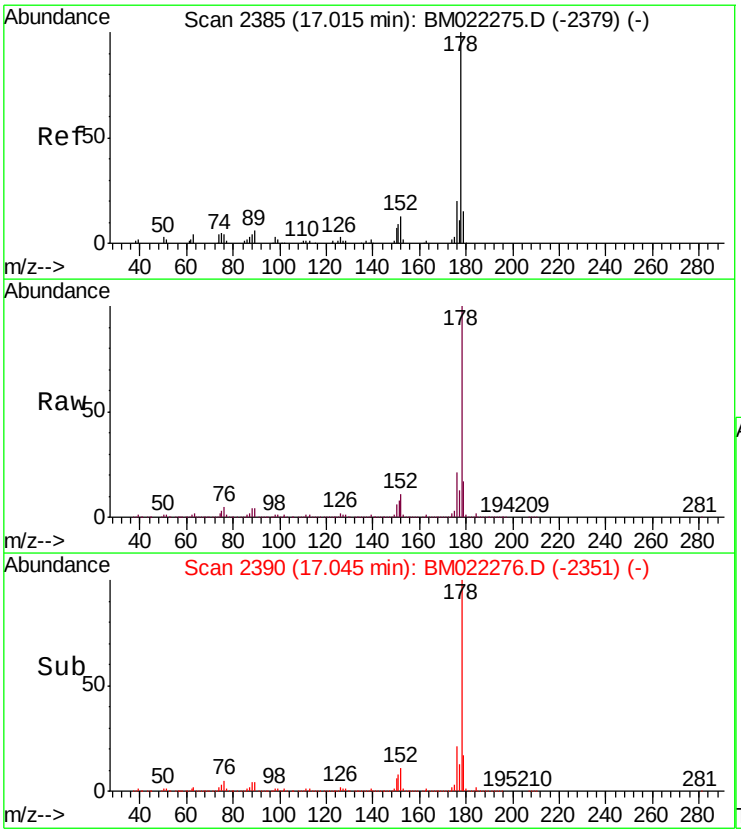
#60
4-Nitroaniline
Concen: 2.257 ng/ul
RT: 15.27 min Scan# 2089
Delta R.T. -0.06 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Instrument :
BNA_M
ClientSampleId :
C0AG7

Tgt Ion:138 Resp: 3640

Ion	Ratio	Lower	Upper
138	100		
92	0.0	47.8	71.6#
108	0.0	114.9	172.3#

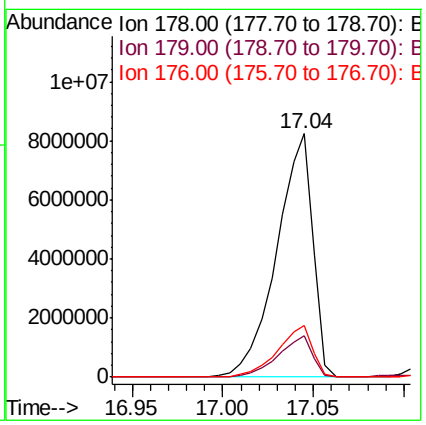


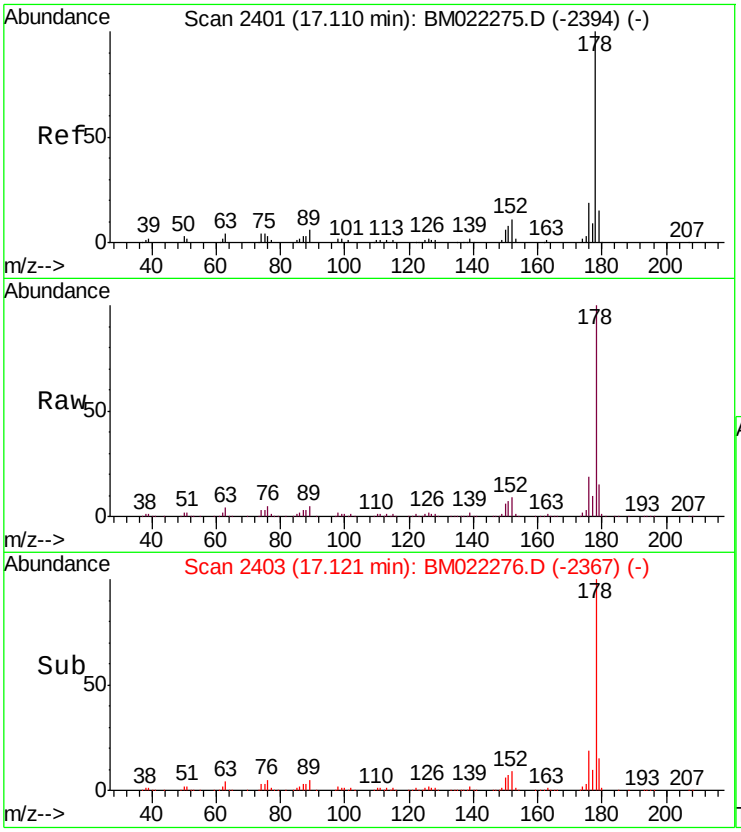


#69
Phenanthrene
Concen: 757.299 ng/ul
RT: 17.04 min Scan# 2390
Delta R.T. 0.03 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Tgt Ion:178 Resp:11479421

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.4	18.6
176	21.3	15.4	23.0



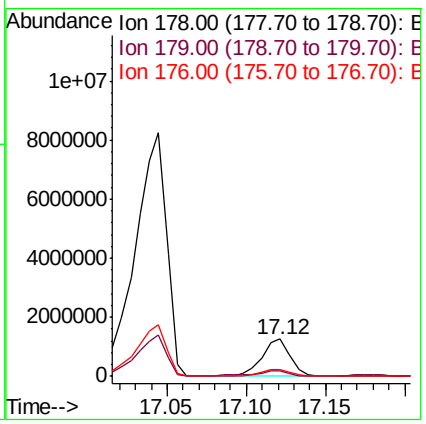


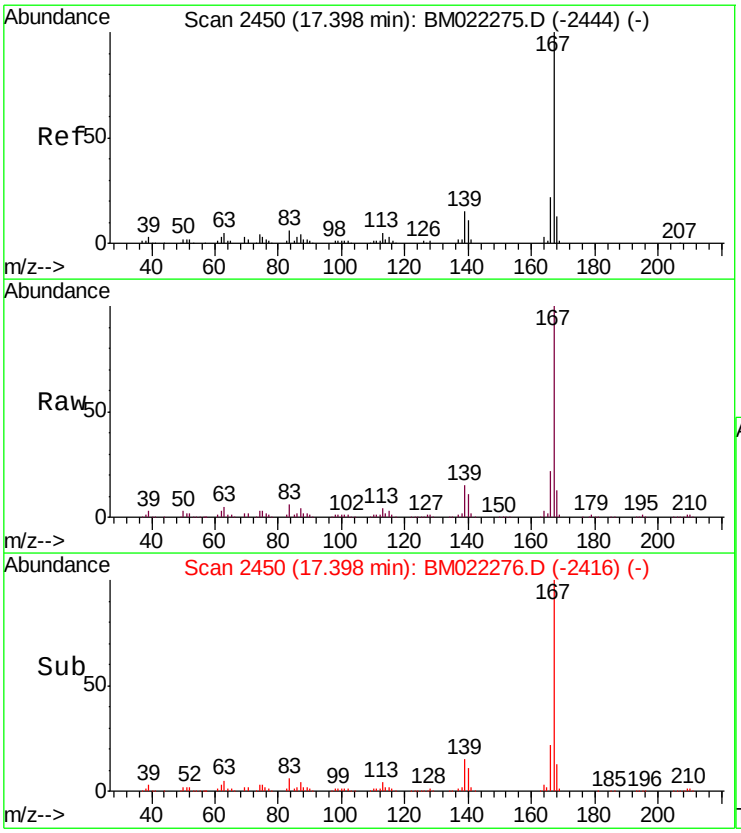
#71
Anthracene
Concen: 100.781 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.01 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Instrument :
BNA_M
ClientSampleId :
C0AG7

Tgt Ion:178 Resp: 1589710

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.3	15.5	23.3

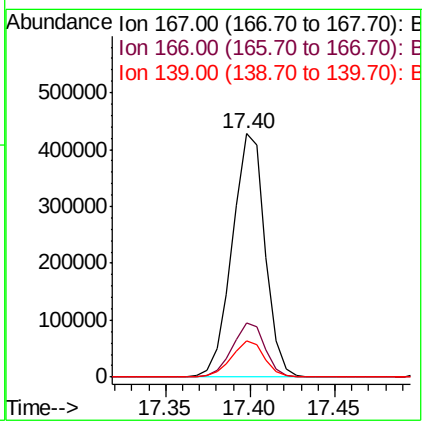


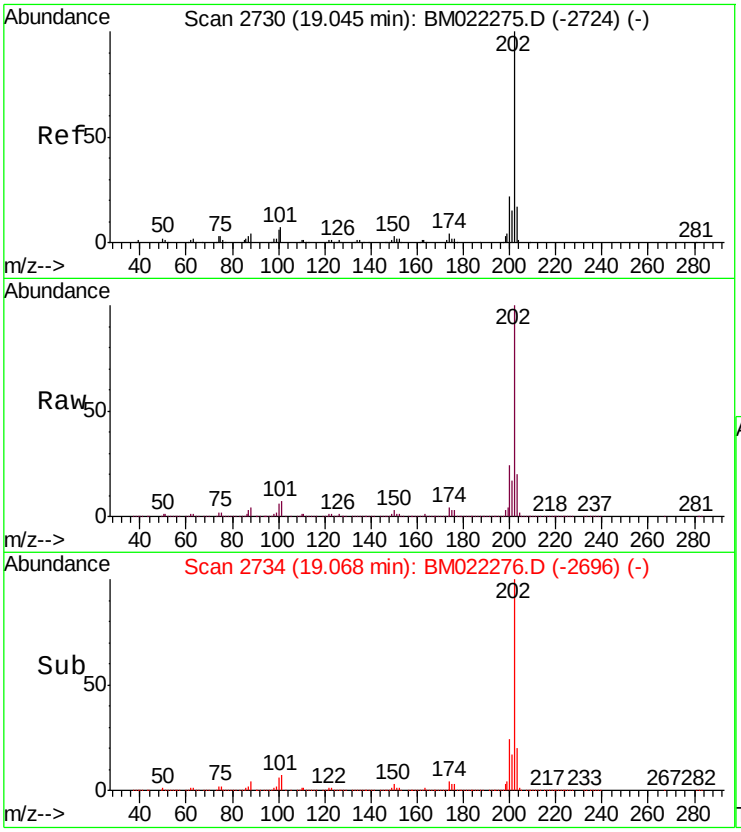


#74
Carbazole
Concen: 40.742 ng/ul
RT: 17.40 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Tgt Ion:167 Resp: 580463

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.8
139	14.8	11.8	17.8



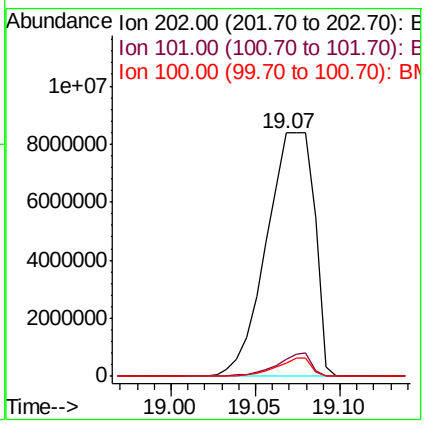


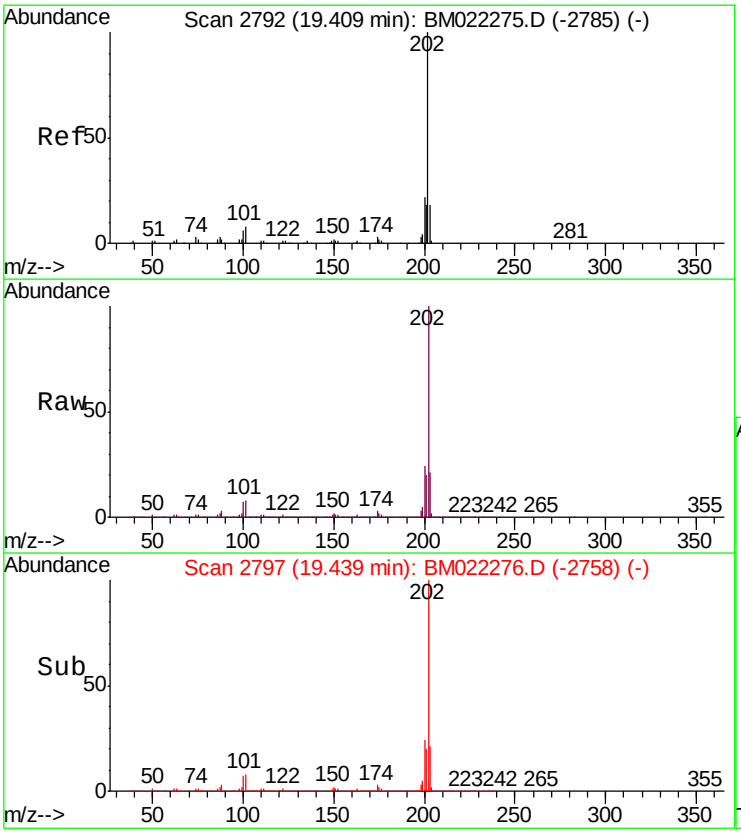
#76
Fluoranthene
Concen: 727.409 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. 0.02 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Instrument :
BNA_M
ClientSampleId :
C0AG7

Tgt Ion:202 Resp:16616074

Ion	Ratio	Lower	Upper
202	100		
101	7.1	5.3	7.9
100	5.6	4.6	6.8

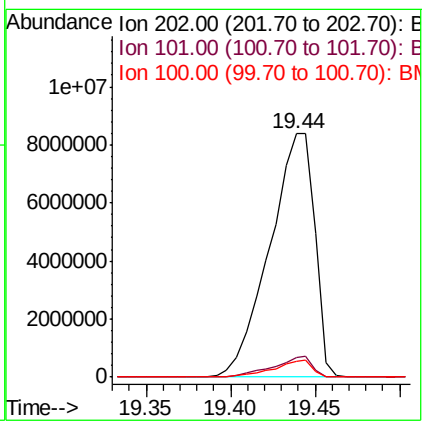


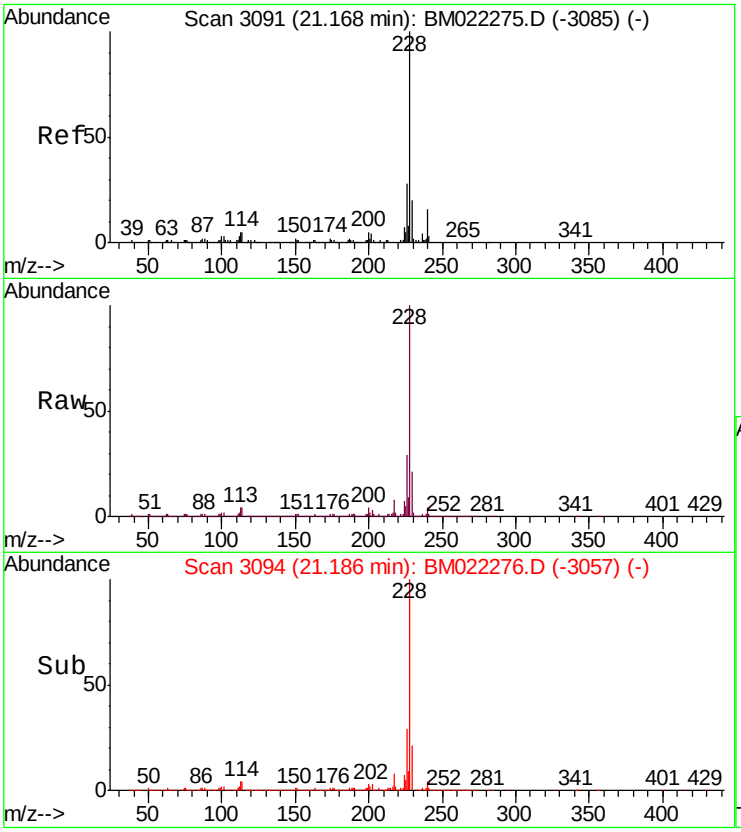


#79
Pyrene
Concen: 582.860 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.03 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Tgt Ion:202 Resp:15584811

Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.0	10.4
100	6.7	5.8	8.8



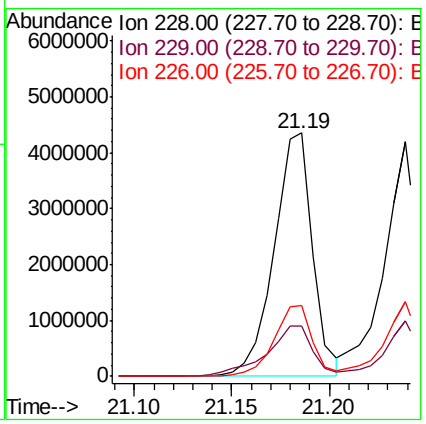


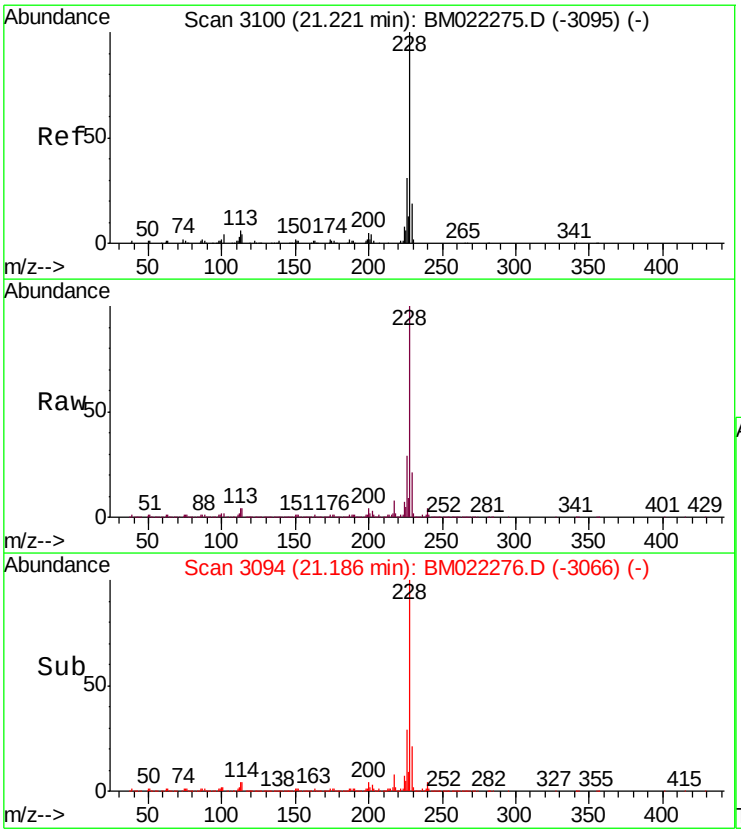
#82
Benzo(a)anthracene
Concen: 190.412 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.02 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Instrument :
BNA_M
ClientSampleId :
C0AG7

Tgt Ion:228 Resp: 5920245

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.2	22.8
226	29.0	22.3	33.5

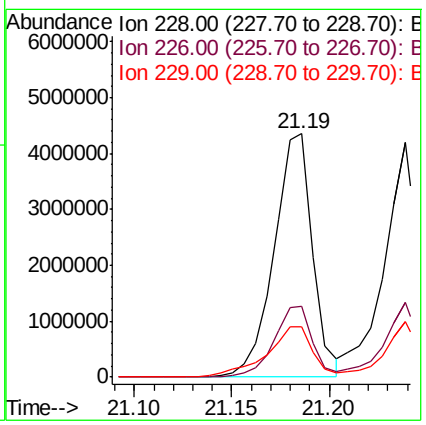


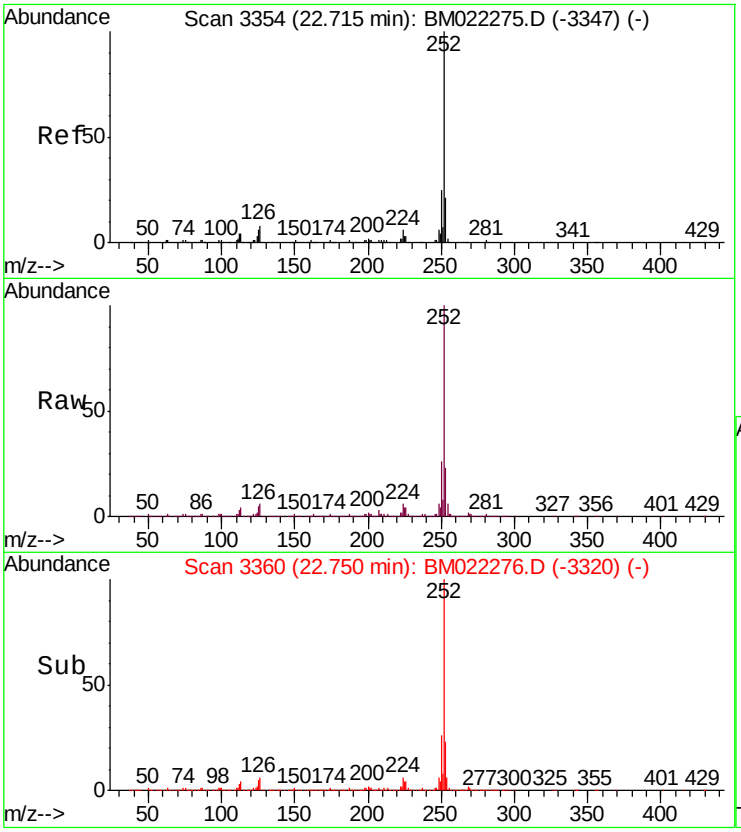


#84
Chrysene
Concen: 203.647 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.04 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Tgt Ion:228 Resp: 5920245

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.7	37.1
229	20.8	15.7	23.5



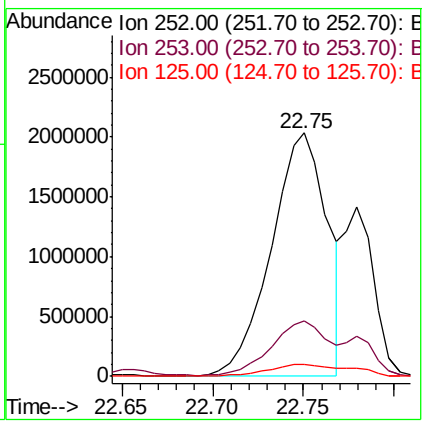


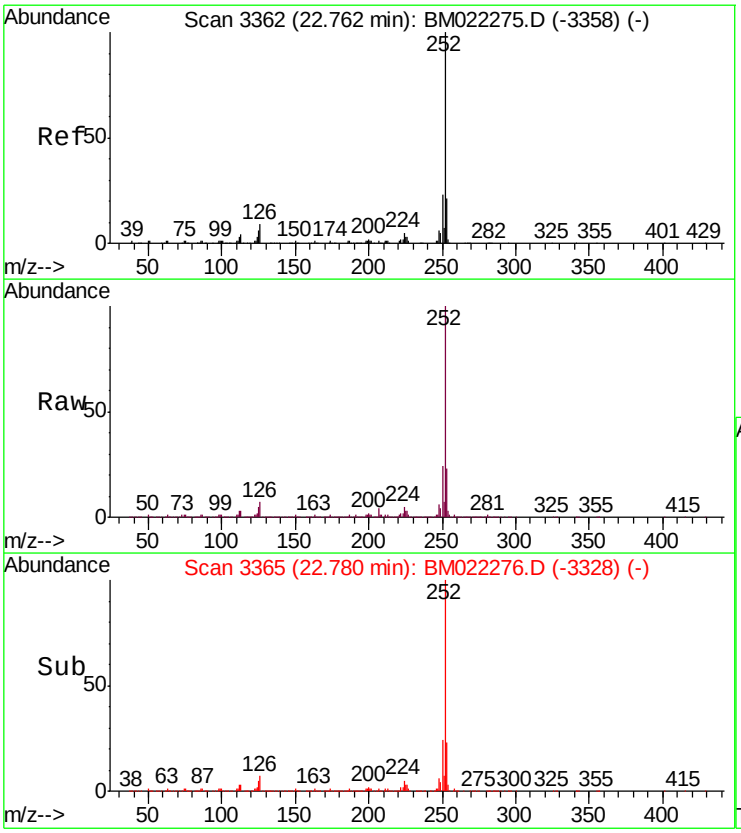
#87
Benzo(b)fluoranthene
Concen: 256.358 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.04 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Instrument :
BNA_M
ClientSampleId :
C0AG7

Tgt Ion:252 Resp: 4381305

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	5.0	5.2	7.8#

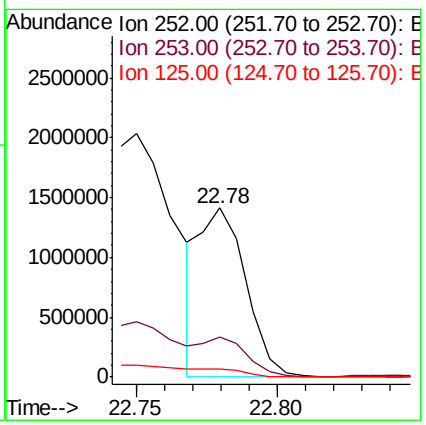


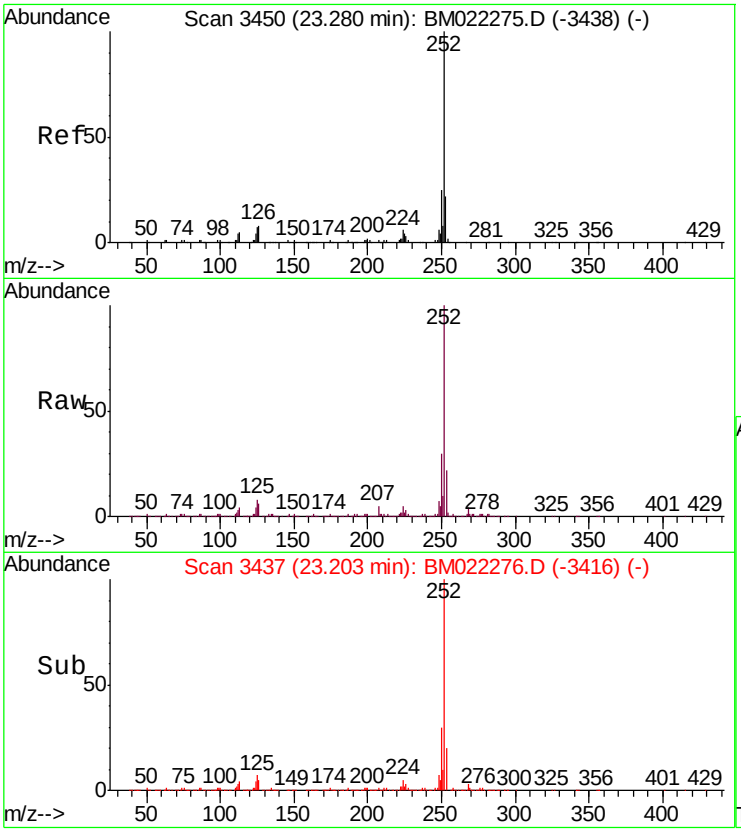


#88
Benzo(k)fluoranthene
Concen: 95.845 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.02 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Tgt Ion:252 Resp: 1588483

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	4.8	5.1	7.7#



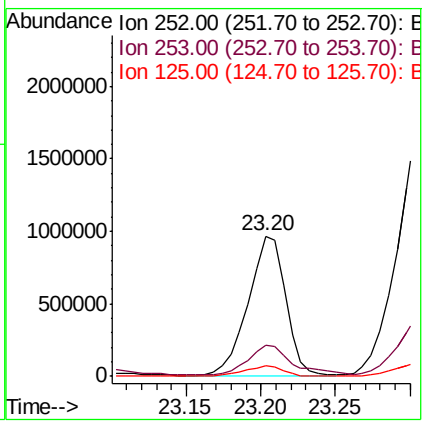


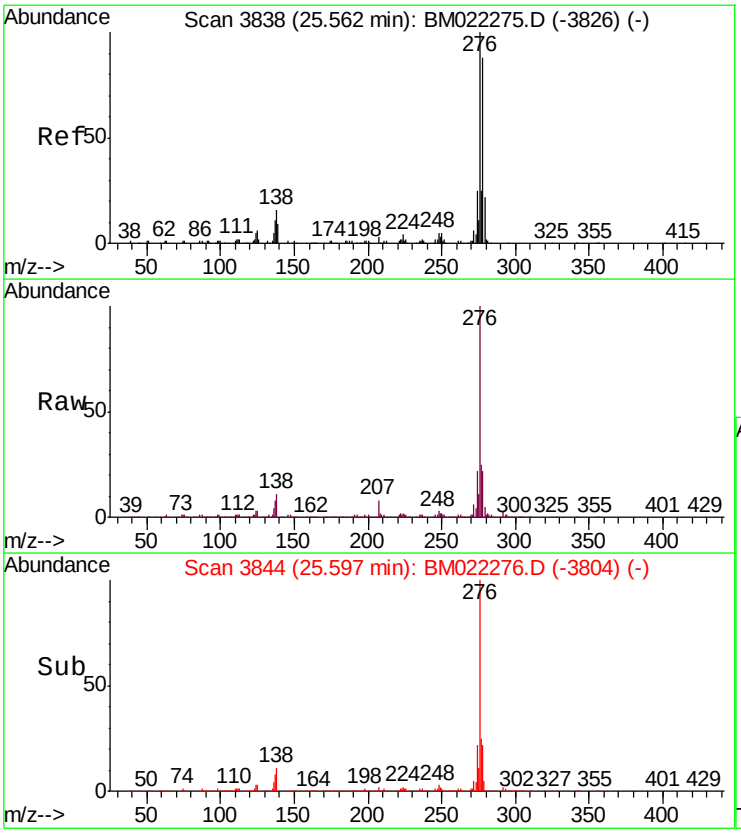
#90
Benzo(a)pyrene
Concen: 102.485 ng/ul
RT: 23.20 min Scan# 3437
Delta R.T. -0.08 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Instrument :
BNA_M
ClientSampleId :
C0AG7

Tgt Ion:252 Resp: 1669507

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.9	25.3
125	7.6	5.5	8.3

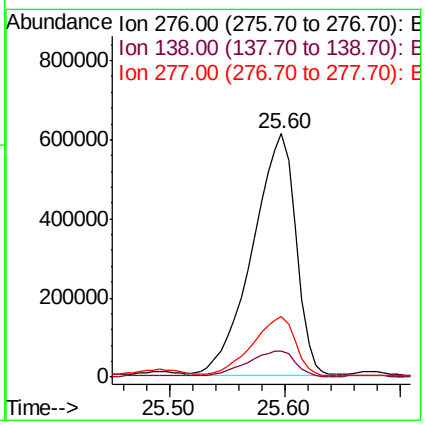


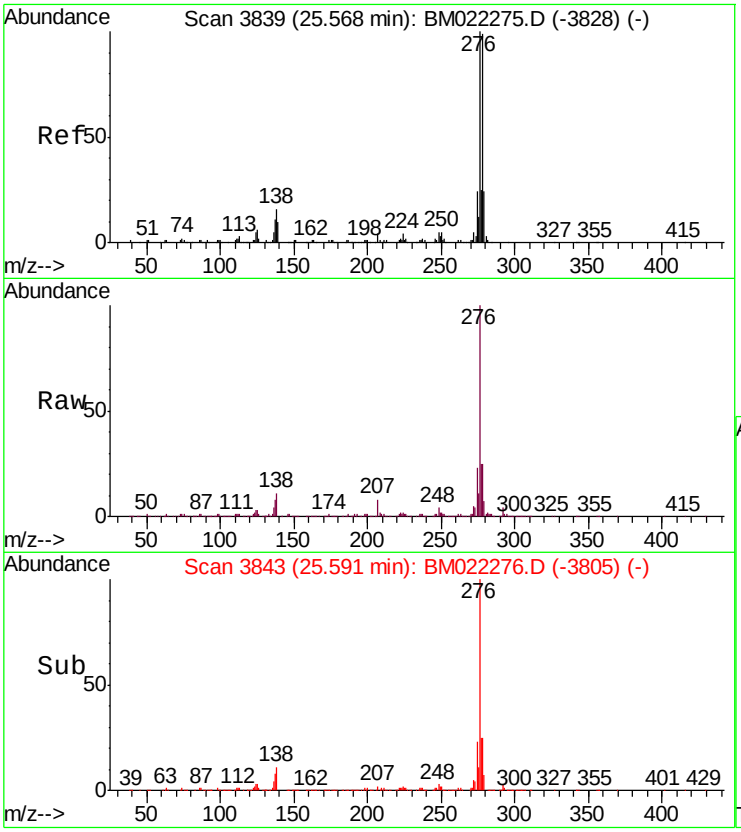


#91
Indeno(1,2,3-cd)pyrene
Concen: 84.978 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. 0.04 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Tgt Ion:276 Resp: 1607486

Ion	Ratio	Lower	Upper
276	100		
138	10.8	12.6	18.8#
277	24.7	20.2	30.2



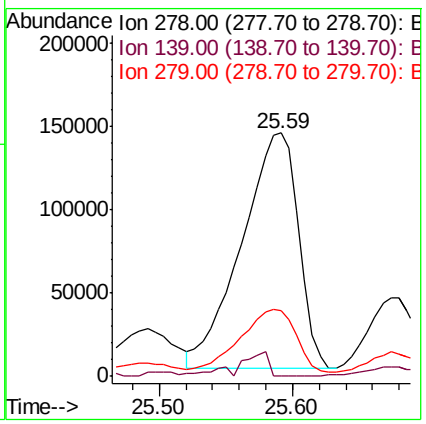


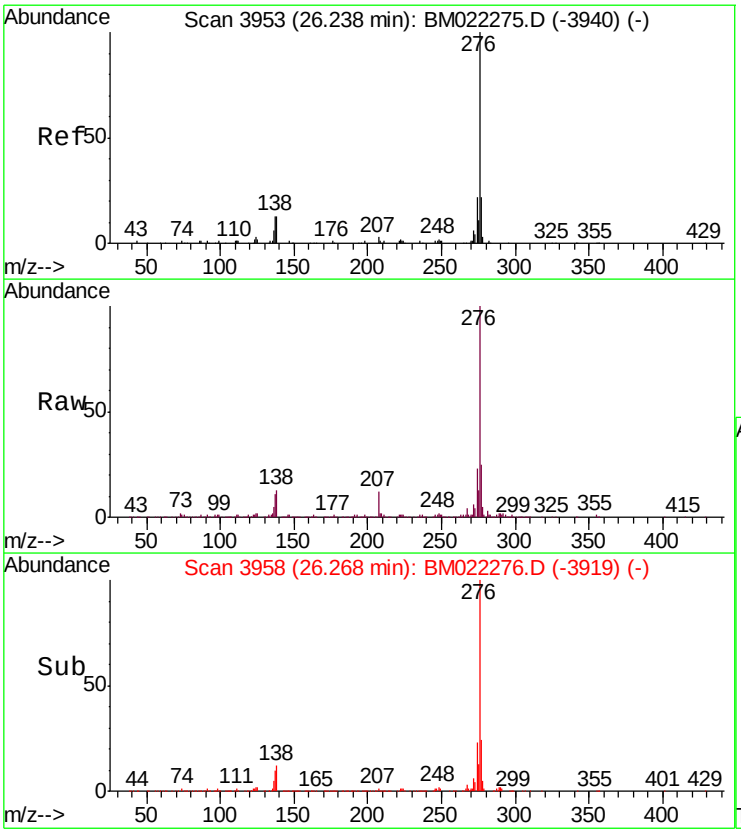
#92
Dibenzo(a,h)anthracene
Concen: 26.072 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. 0.02 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Instrument :
BNA_M
ClientSampleId :
C0AG7

Tgt Ion:278 Resp: 418696

Ion	Ratio	Lower	Upper
278	100		
139	0.0	7.7	11.5#
279	26.9	19.0	28.6





#93
Benzo(g,h,i)perylene
Concen: 79.045 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. 0.03 min
Lab File: BM022276.D
Acq: 24 Aug 2019 03:31

Tgt Ion:276 Resp: 1140692

Ion	Ratio	Lower	Upper
276	100		
138	12.5	10.2	15.4
277	25.4	18.2	27.4